

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080119\
 Data File : VX011263.D
 Acq On : 01 Aug 2019 16:37
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:07:10 AM

Quant Time: Aug 02 01:43:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:21:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	160262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	232703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	160231	95.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.38%	
35) Dibromofluoromethane	5.49	113	151249	102.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.68%	
50) Toluene-d8	8.71	98	575461	104.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.06%	
62) 4-Bromofluorobenzene	11.13	95	216934	107.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	115995	81.886	ug/l	99
3) Chloromethane	1.32	50	126573	87.098	ug/l	100
4) Vinyl Chloride	1.40	62	143575	95.786	ug/l	99
5) Bromomethane	1.63	94	99878	110.728	ug/l	98
6) Chloroethane	1.70	64	96769	100.024	ug/l	99
7) Trichlorofluoromethane	1.92	101	258236	100.058	ug/l	98
8) Diethyl Ether	2.18	74	90362	101.350	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	135052	92.517	ug/l	99
10) Methyl Iodide	2.50	142	200209	104.851	ug/l	100
11) Tert butyl alcohol	3.05	59	156007	400.587	ug/l	100
12) 1,1-Dichloroethene	2.36	96	135210	94.683	ug/l	96
13) Acrolein	2.29	56	97781	435.005	ug/l	99
14) Allyl chloride	2.71	41	198021	95.595	ug/l	99
15) Acrylonitrile	3.14	53	377854	469.453	ug/l	99
16) Acetone	2.44	43	350715	455.171	ug/l	100
17) Carbon Disulfide	2.56	76	345353	95.076	ug/l	99
18) Methyl Acetate	2.76	43	166099	93.616	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	422463	92.025	ug/l	99
20) Methylene Chloride	2.85	84	151616	92.373	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	146136	95.658	ug/l	95
22) Diisopropyl ether	3.85	45	413545	94.466	ug/l	100
23) Vinyl Acetate	3.81	43	1865152	502.595	ug/l	99
24) 1,1-Dichloroethane	3.69	63	239773	93.909	ug/l	99
25) 2-Butanone	4.67	43	538205	485.263	ug/l	100
26) 2,2-Dichloropropane	4.57	77	199062	95.645	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	170567	96.664	ug/l	97
28) Bromochloromethane	5.01	49	109069	91.656	ug/l	99
29) Tetrahydrofuran	5.12	42	329477	469.759	ug/l	100
30) Chloroform	5.20	83	260677	94.382	ug/l	99
31) Cyclohexane	5.57	56	198335	86.644	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	233659	98.093	ug/l	100
36) 1,1-Dichloropropene	5.79	75	190206	98.416	ug/l	99
37) Ethyl Acetate	4.82	43	199513	101.744	ug/l	99
38) Carbon Tetrachloride	5.78	117	207163	103.050	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224480	90.969	ug/l	100
40) Benzene	6.13	78	590475	99.749	ug/l	99
41) Methacrylonitrile	5.04	41	109949	97.675	ug/l	99
42) 1,2-Dichloroethane	6.18	62	198012	96.676	ug/l	99
43) Isopropyl Acetate	6.44	43	326241	100.950	ug/l	100
44) Trichloroethene	7.21	130	172989	98.588	ug/l	97
45) 1,2-Dichloropropane	7.51	63	147300	97.786	ug/l	96
46) Dibromomethane	7.66	93	108584	100.949	ug/l	99
47) Bromodichloromethane	7.90	83	204192	107.021	ug/l	99
48) Methyl methacrylate	7.77	41	158885	101.068	ug/l	99
49) 1,4-Dioxane	7.74	88	82348	1862.414	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1082761	515.124	ug/l	99
52) Toluene	8.78	92	393502	101.111	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	226591	110.733	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	246928	108.217	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	162619	101.457	ug/l	98
56) Ethyl methacrylate	9.18	69	251609	108.133	ug/l	99
57) 1,3-Dichloropropane	9.37	76	255231	100.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	593533	532.292	ug/l	100
59) 2-Hexanone	9.49	43	834632	511.954	ug/l	99
60) Dibromochloromethane	9.58	129	187462	115.879	ug/l	98
61) 1,2-Dibromoethane	9.67	107	179308	105.356	ug/l	99
64) Tetrachloroethene	9.34	164	165484	93.110	ug/l	97
65) Chlorobenzene	10.13	112	449898	97.202	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	168723	104.114	ug/l	100
67) Ethyl Benzene	10.25	91	780285	99.385	ug/l	99
68) m/p-Xylenes	10.36	106	610625	201.720	ug/l	100
69) o-Xylene	10.69	106	294909	100.152	ug/l	100
70) Styrene	10.71	104	513582	104.473	ug/l	99
71) Bromoform	10.85	173	146338	113.212	ug/l	100
73) Isopropylbenzene	11.02	105	802663	99.434	ug/l	100
74) N-amyl acetate	10.90	43	308949	100.737	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	253782	96.006	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	207106m	96.151	ug/l	
77) Bromobenzene	11.26	156	217179	97.472	ug/l	98
78) n-propylbenzene	11.36	91	909685	102.101	ug/l	99
79) 2-Chlorotoluene	11.42	91	518986	97.208	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	677430	100.862	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	82609	106.327	ug/l	97
82) 4-Chlorotoluene	11.51	91	618342	99.350	ug/l	99
83) tert-Butylbenzene	11.77	119	660192	99.769	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	680480	100.150	ug/l	100
85) sec-Butylbenzene	11.94	105	790422	101.785	ug/l	99
86) p-Isopropyltoluene	12.06	119	741177	103.144	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	379742	97.930	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	385770	97.080	ug/l	99
89) n-Butylbenzene	12.38	91	647829	105.396	ug/l	99
90) Hexachloroethane	12.60	117	120518	106.809	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	372230	96.752	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54687	99.902	ug/l	97

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VSTDICC100

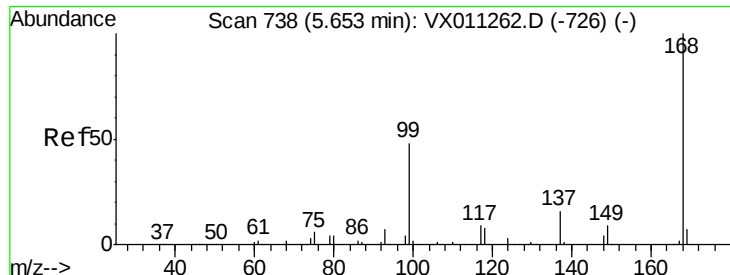
Manual Integrations
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QLast Update : Fri Aug 02 01:21:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	262360	100.920	ug/l	100
94) Hexachlorobutadiene	13.78	225	129522	100.167	ug/l	98
95) Naphthalene	13.83	128	814726	106.037	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	267060	103.030	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 168 Resp: 160262

Ion Ratio Lower Upper

168 100

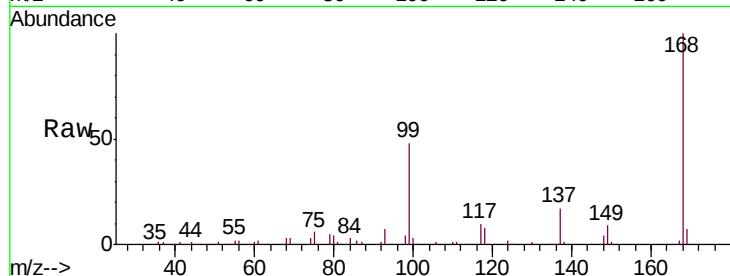
99 48.1 38.5 57.7

Manual Integrations

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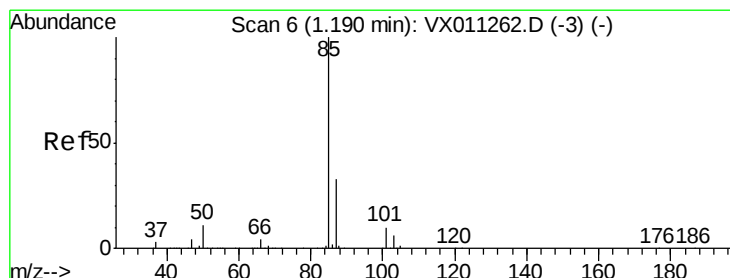
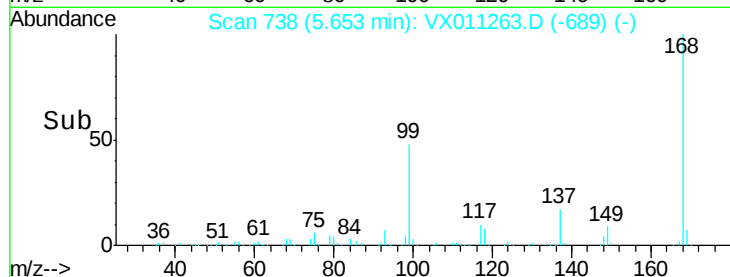
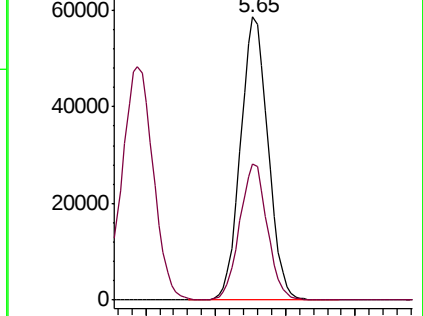
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 81.886 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011263.D

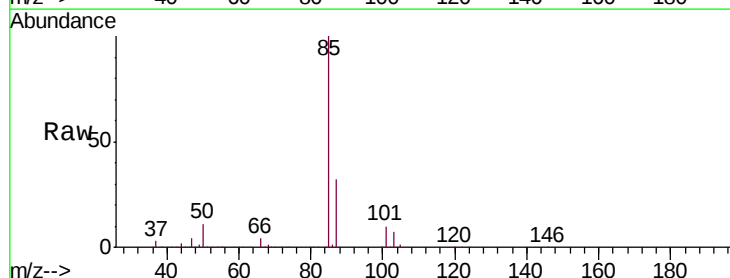
Acq: 01 Aug 2019 16:37

Tgt Ion: 85 Resp: 115995

Ion Ratio Lower Upper

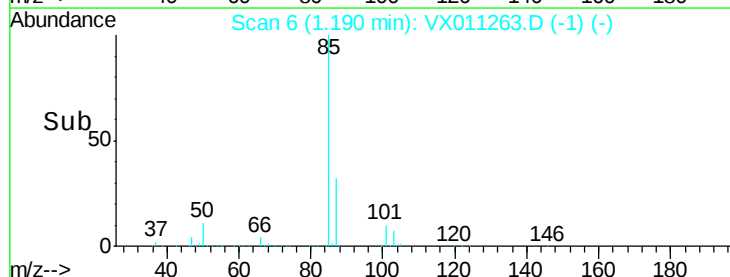
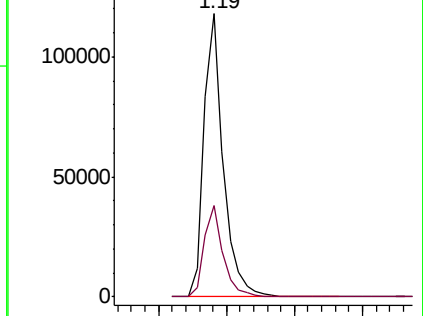
85 100

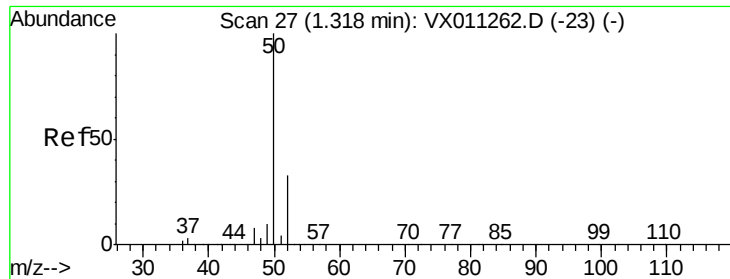
87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 87.098 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion: 50 Resp: 126573

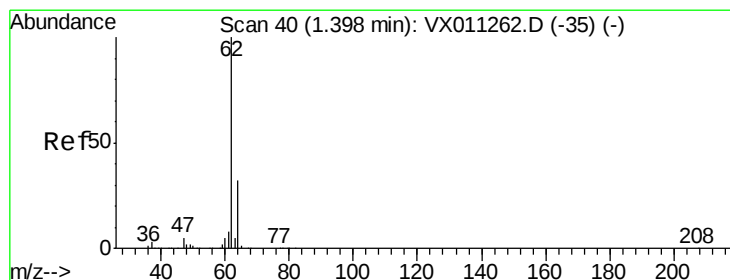
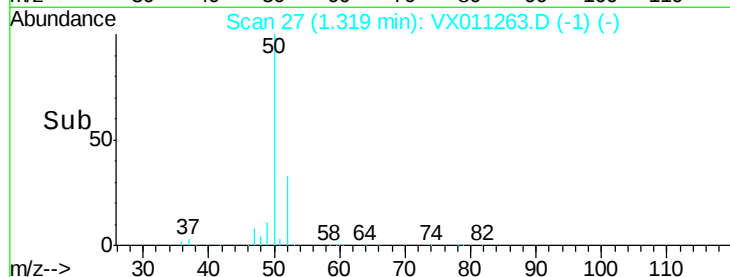
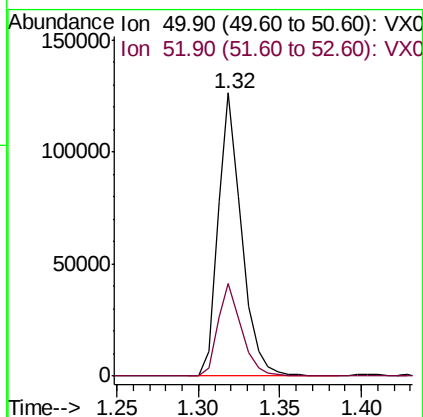
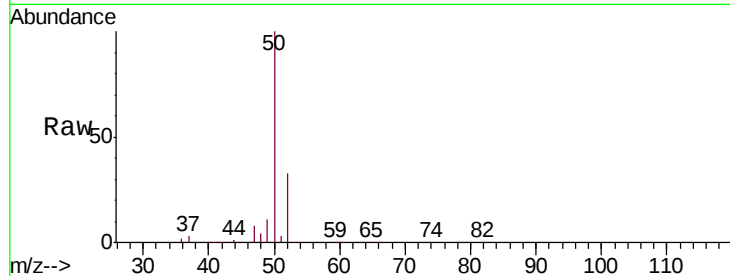
Ion Ratio Lower Upper

50 100

52 32.7 26.4 39.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 95.786 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011263.D

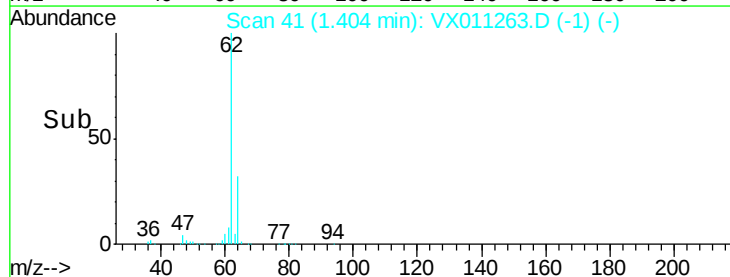
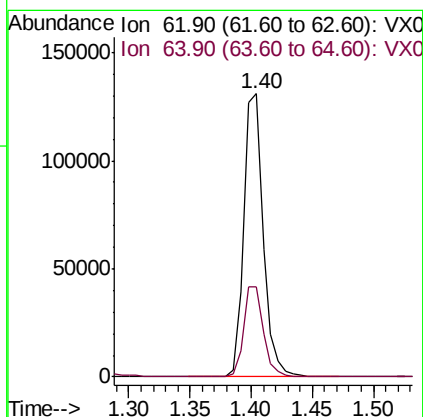
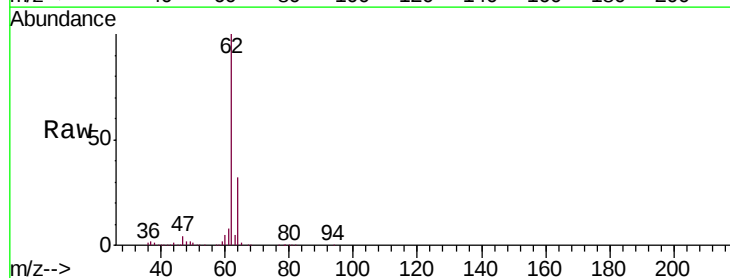
Acq: 01 Aug 2019 16:37

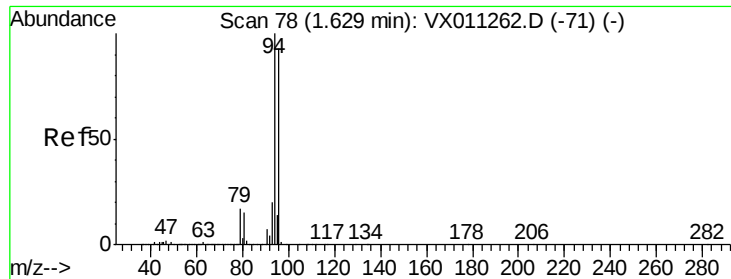
Tgt Ion: 62 Resp: 143575

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0





#5

Bromomethane

Concen: 110.728 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 94 Resp: 99878

Ion Ratio Lower Upper

94 100

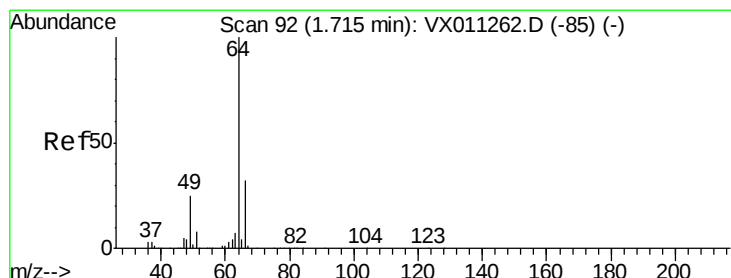
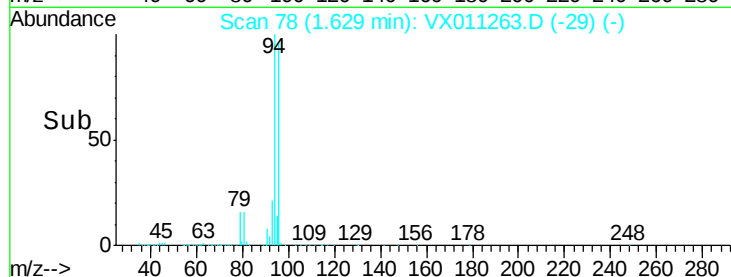
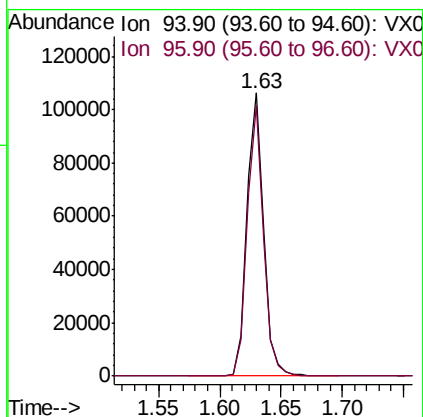
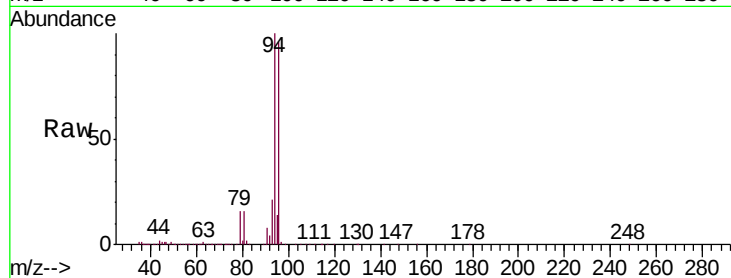
96 95.6 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 100.024 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX011263.D

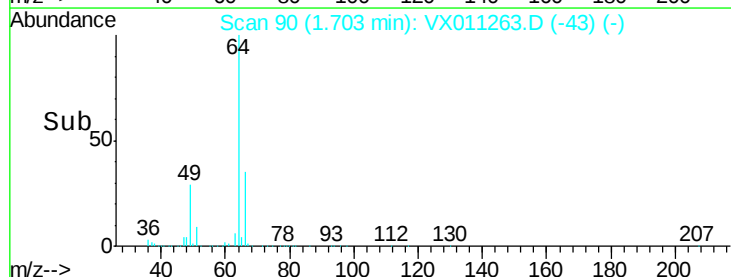
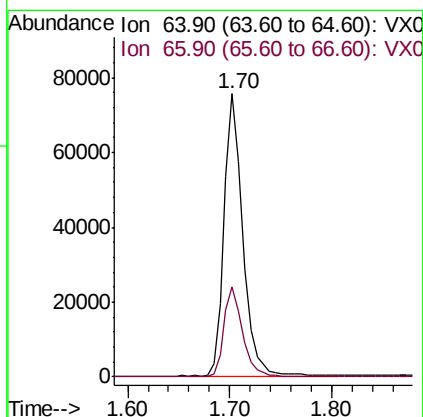
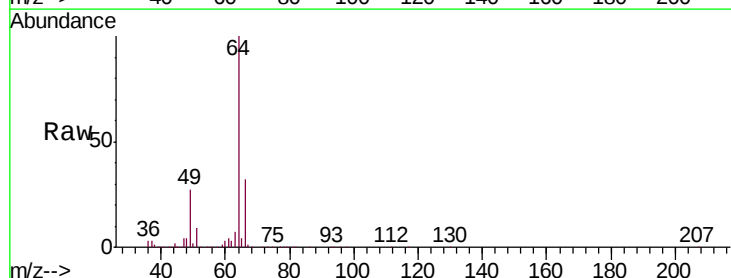
Acq: 01 Aug 2019 16:37

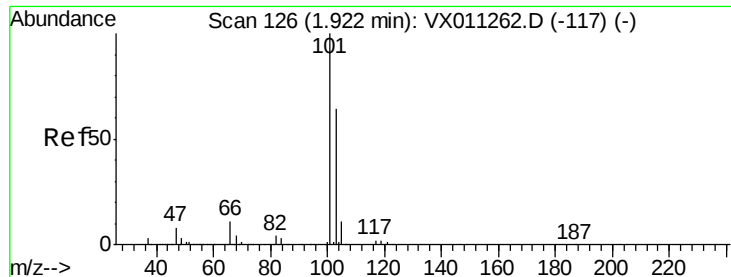
Tgt Ion: 64 Resp: 96769

Ion Ratio Lower Upper

64 100

66 31.7 25.1 37.7





#7

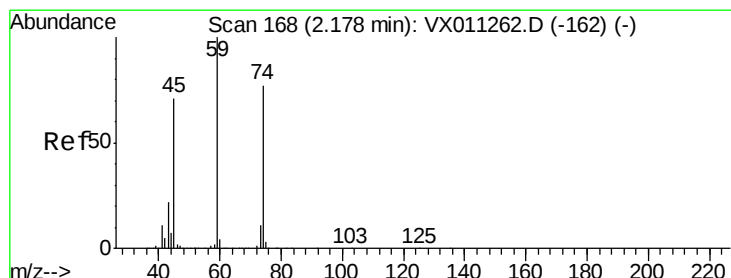
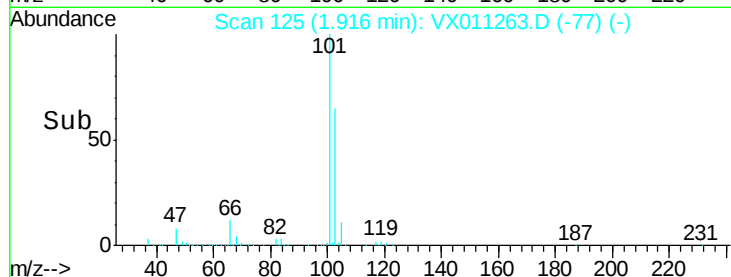
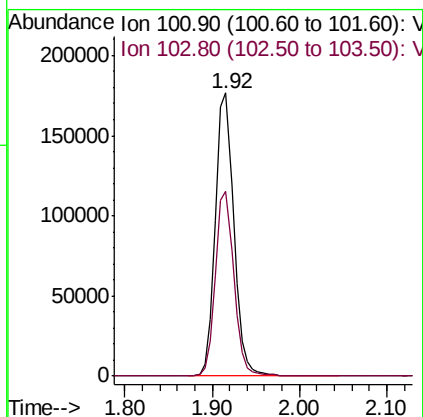
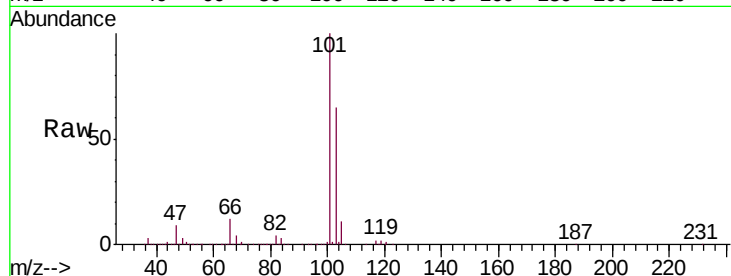
Trichlorofluoromethane
Concen: 100.058 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.4	50.9	76.3

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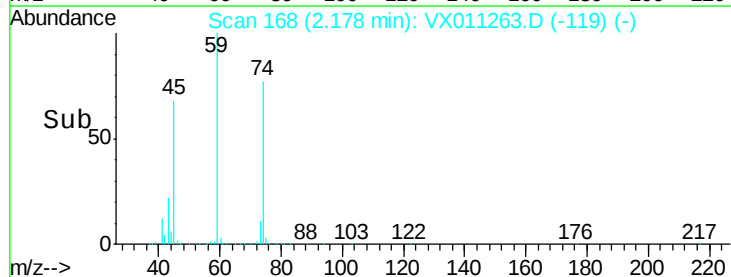
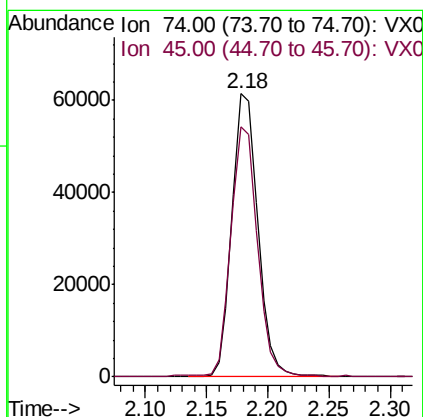
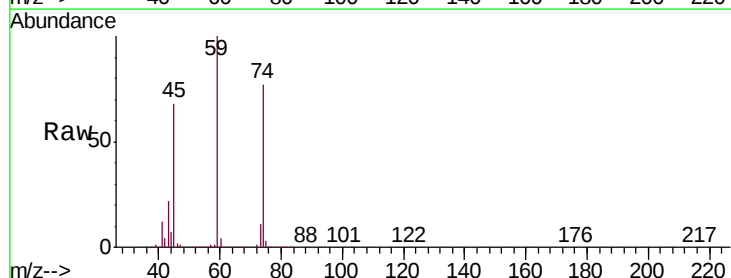
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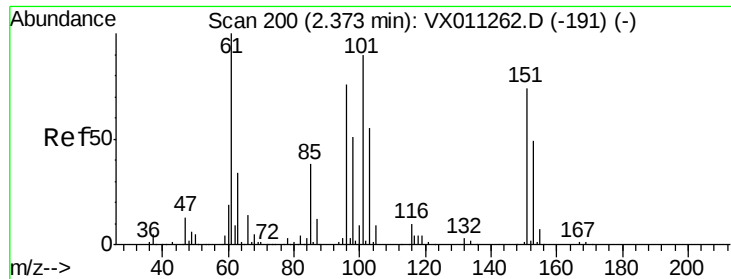


#8

Diethyl Ether
Concen: 101.350 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.6	46.1	138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 92.517 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

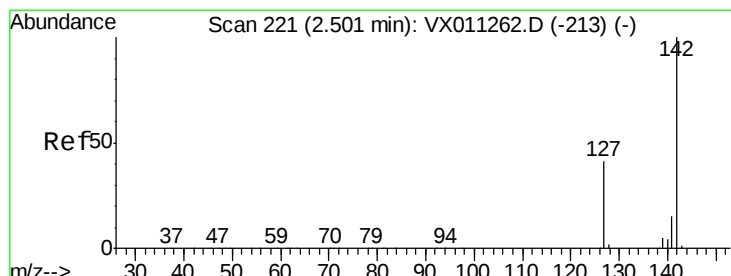
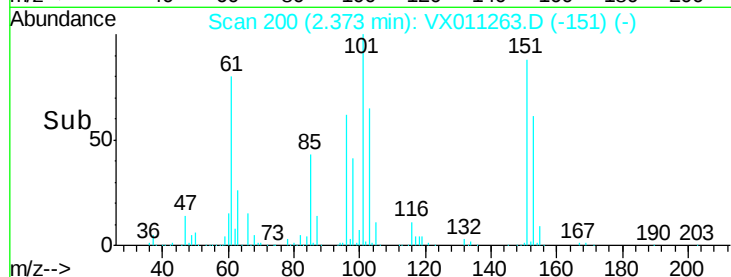
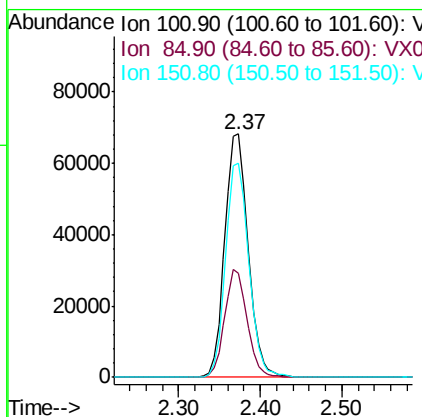
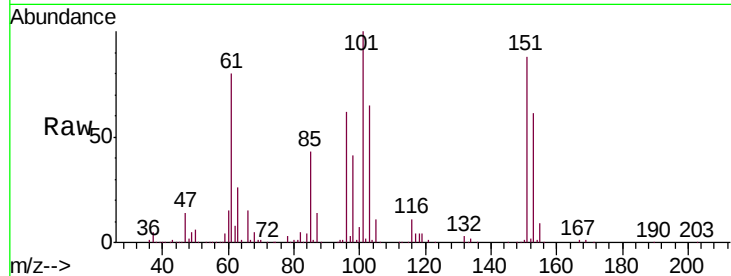
ClientSampleId :

VSTDIC100

Tgt Ion:	101	Resp:	135052
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.8	50.6
151	87.4	69.5	104.3

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#10

Methyl Iodide

Concen: 104.851 ug/l

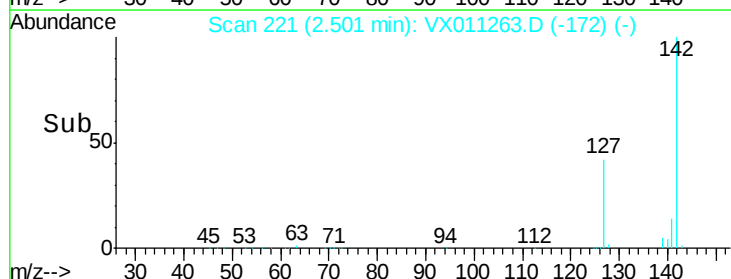
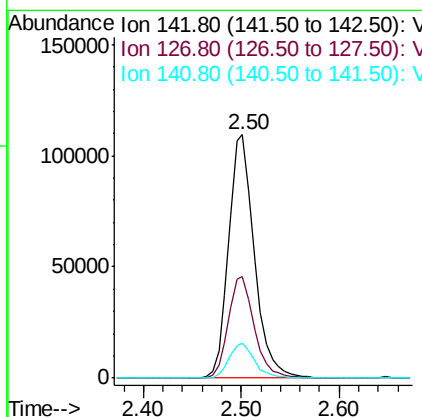
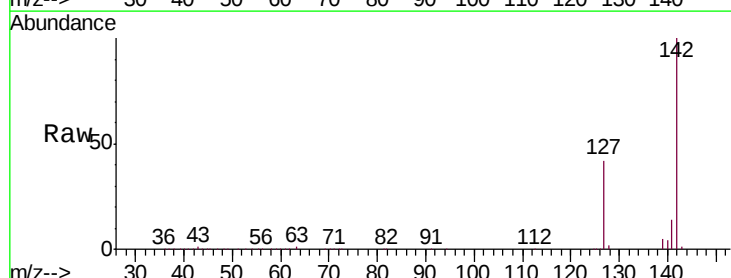
RT: 2.50 min Scan# 221

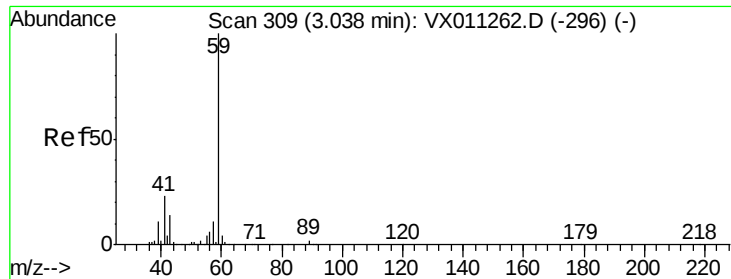
Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Tgt Ion:	142	Resp:	200209
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.8	50.8
141	14.2	11.4	17.2





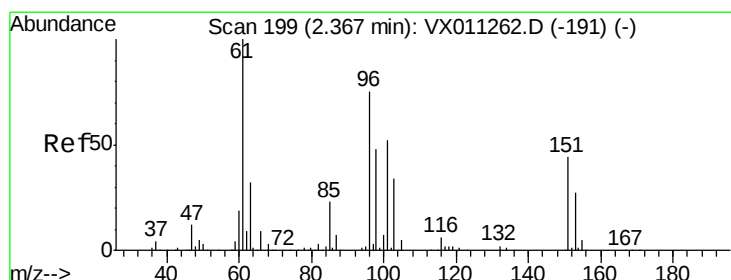
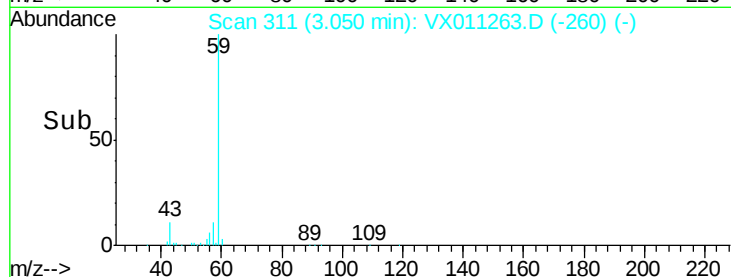
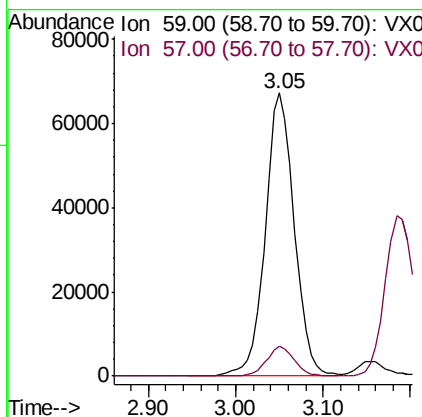
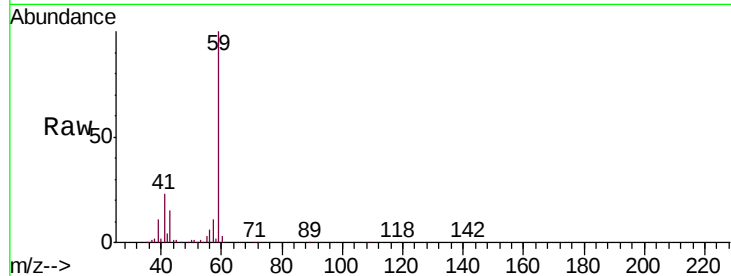
#11
Tert butyl alcohol
Concen: 400.587 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

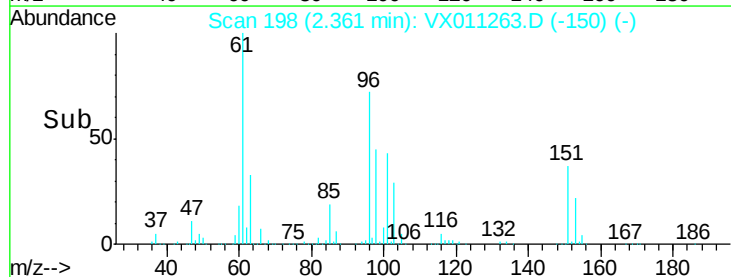
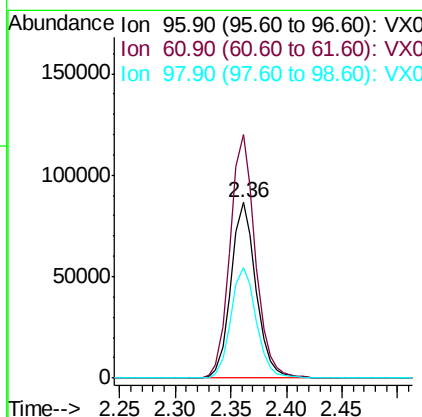
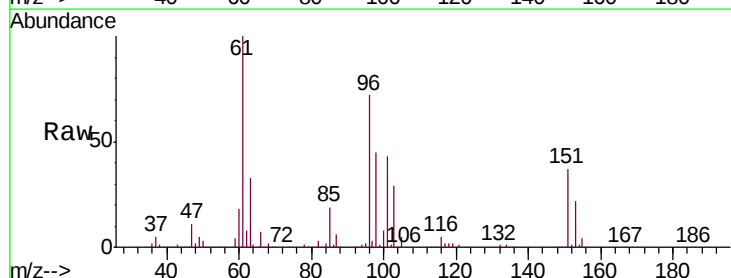
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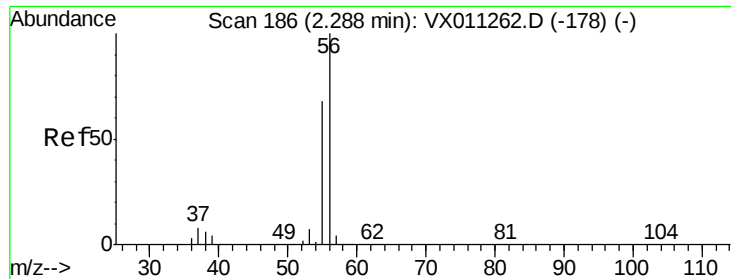
MMDadoda
8/2/2019 9:07:10 AM



#12
1,1-Dichloroethene
Concen: 94.683 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.8	106.2	159.2
98	62.7	50.6	75.8





#13

Acrolein

Concen: 435.005 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 56 Resp: 97781

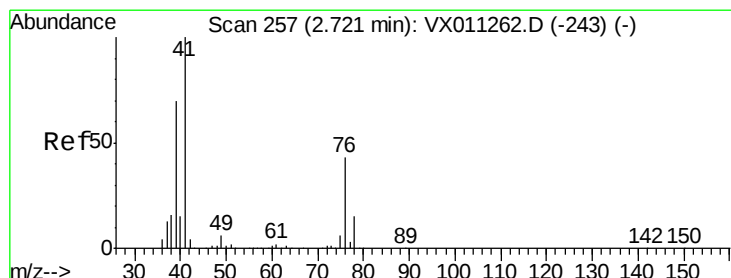
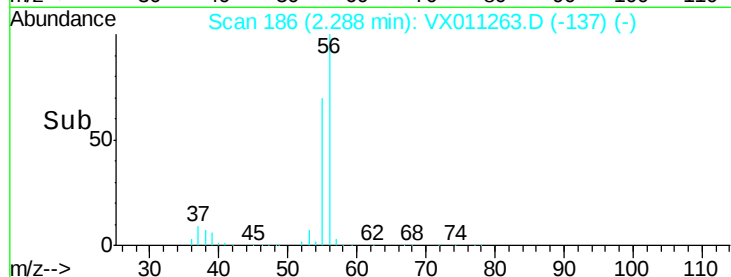
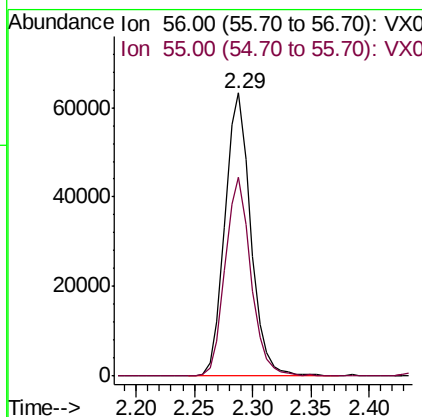
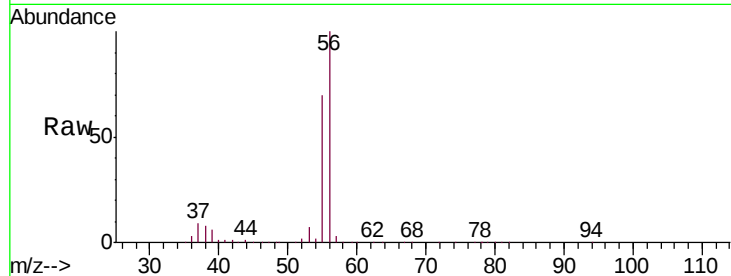
Ion Ratio Lower Upper

56 100

55 69.6 56.0 84.0

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#14

Allyl chloride

Concen: 95.595 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

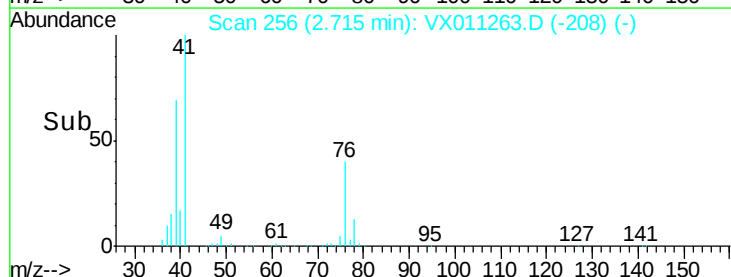
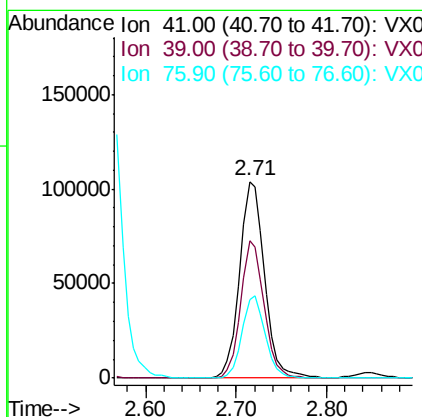
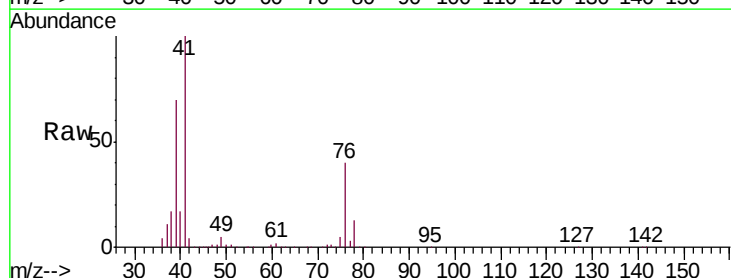
Tgt Ion: 41 Resp: 198021

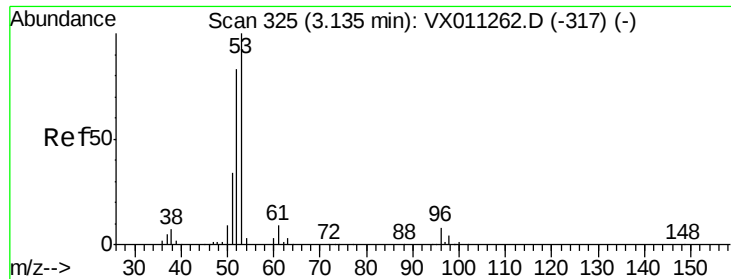
Ion Ratio Lower Upper

41 100

39 65.1 52.8 79.2

76 38.9 31.1 46.7





#15

Acrylonitrile

Concen: 469.453 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

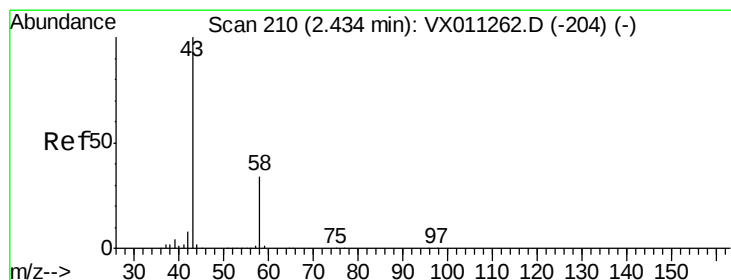
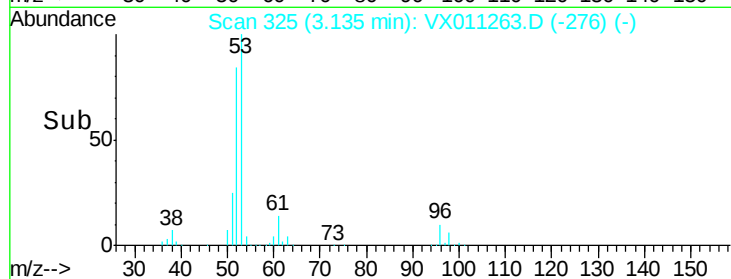
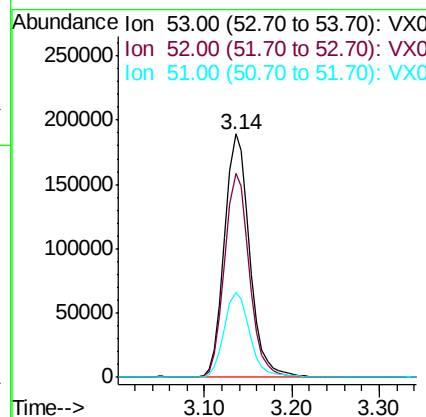
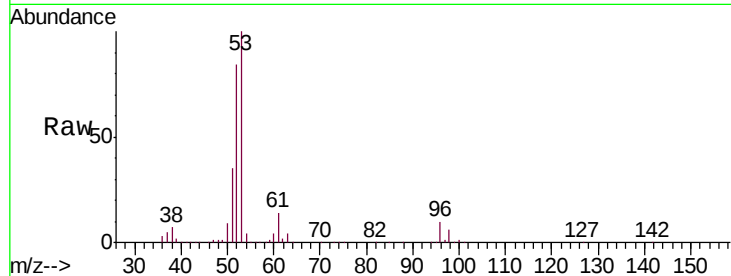
ClientSampleId :

VSTDIC100

Tgt Ion:	53	Resp:	377854
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.5	98.3
51	35.8	27.9	41.9

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#16

Acetone

Concen: 455.171 ug/l

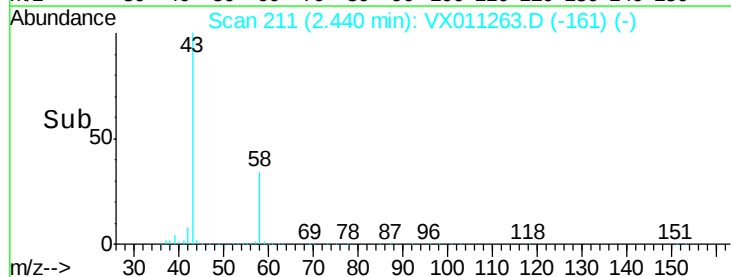
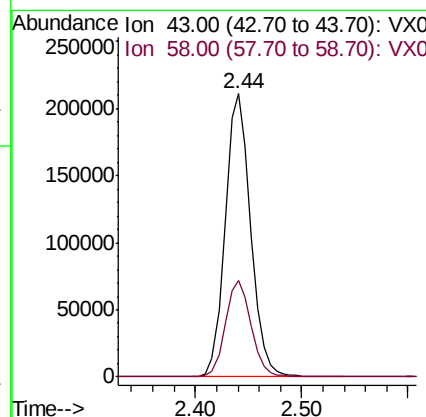
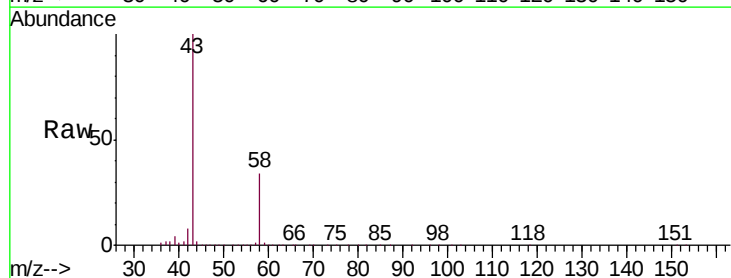
RT: 2.44 min Scan# 211

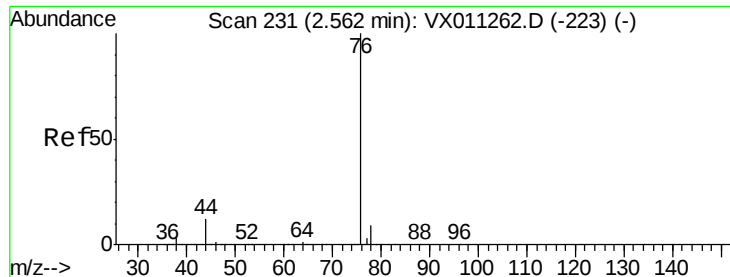
Delta R.T. 0.01 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Tgt Ion:	43	Resp:	350715
Ion	Ratio	Lower	Upper
43	100		
58	34.1	27.4	41.0





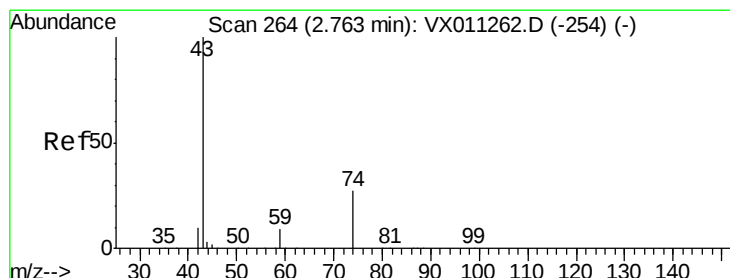
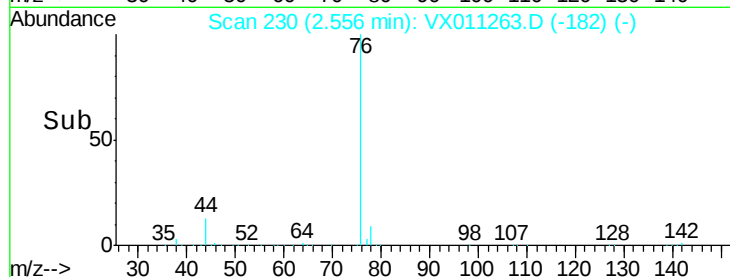
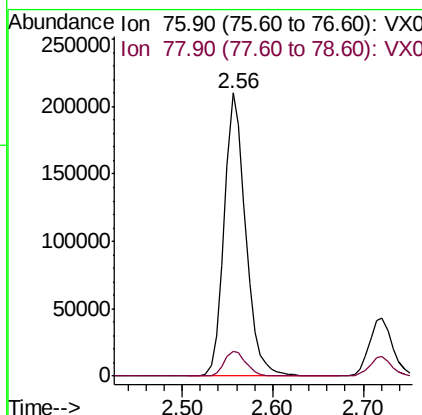
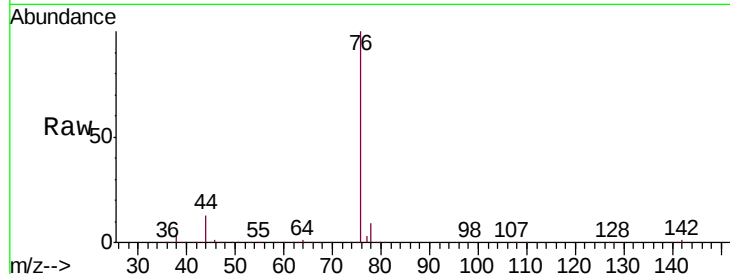
#17
Carbon Disulfide
Concen: 95.076 ug/l
RT: 2.56 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 345353
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

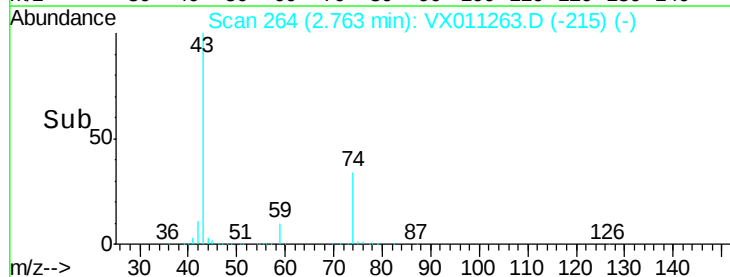
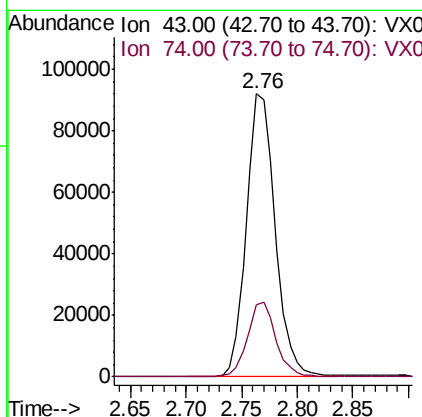
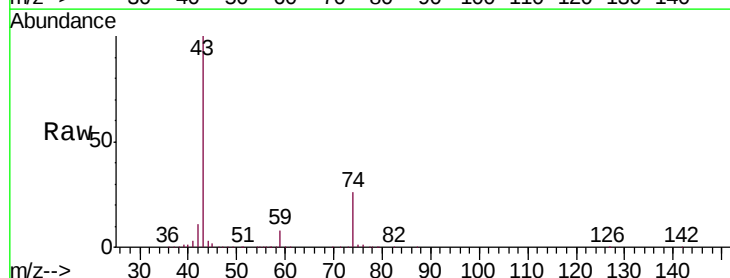
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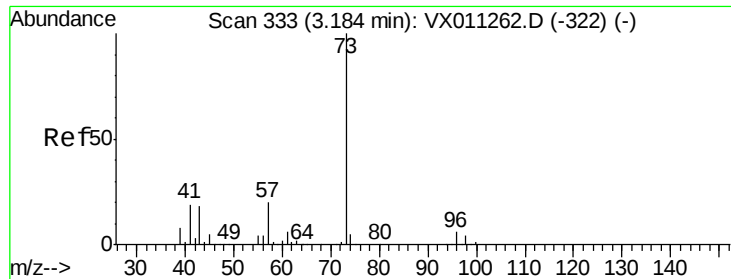
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#18
Methyl Acetate
Concen: 93.616 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion: 43 Resp: 166099
Ion Ratio Lower Upper
43 100
74 25.8 21.0 31.6





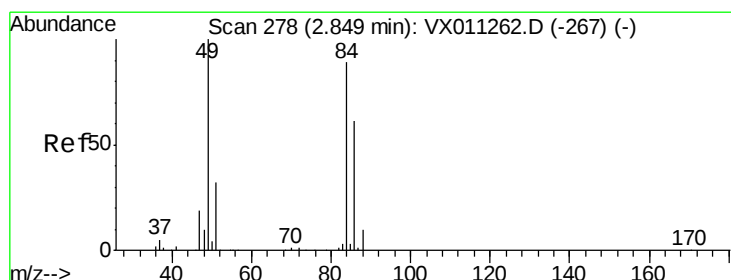
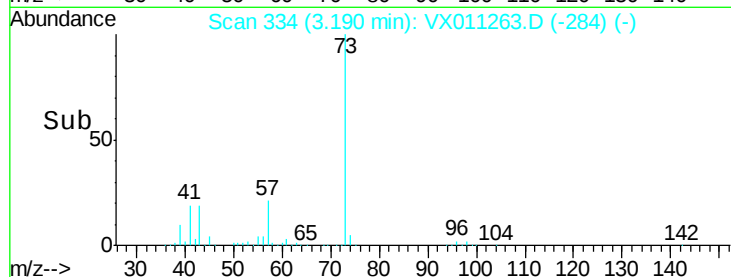
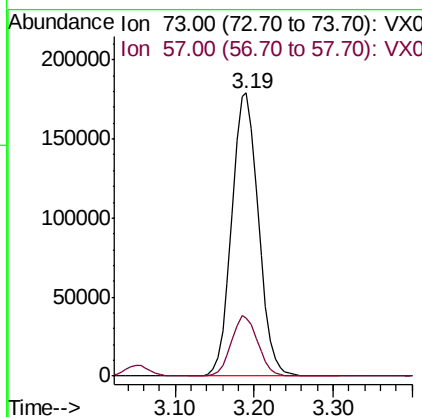
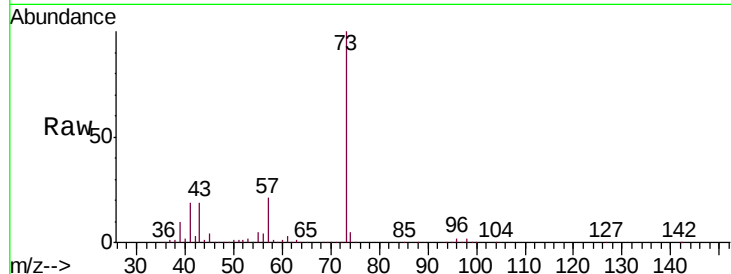
#19
Methyl tert-butyl Ether
Concen: 92.025 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 422463
Ion Ratio Lower Upper
73 100
57 20.7 16.2 24.2

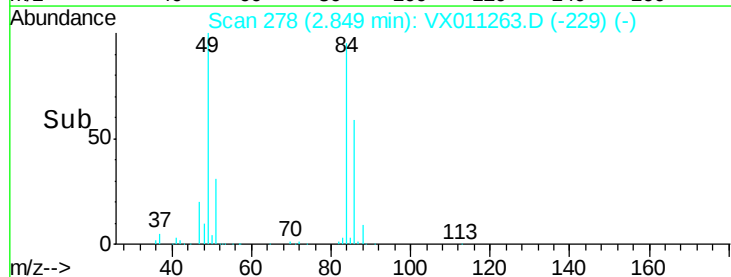
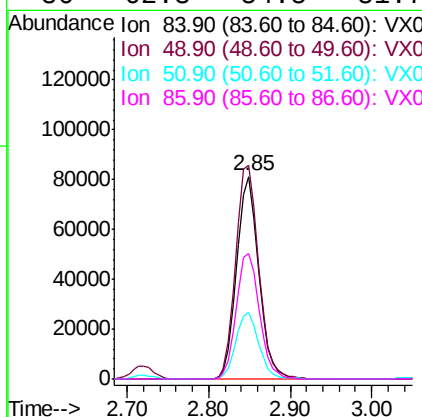
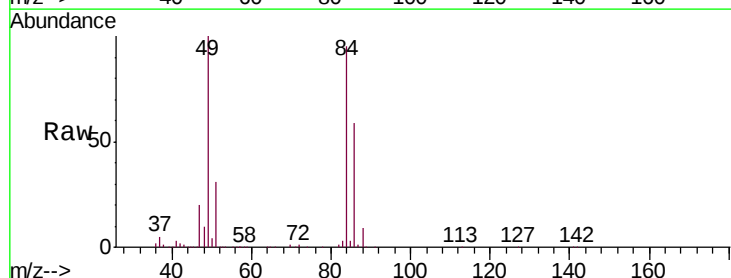
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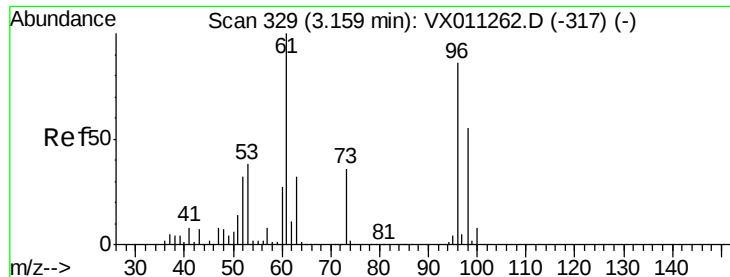
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#20
Methylene Chloride
Concen: 92.373 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion: 84 Resp: 151616
Ion Ratio Lower Upper
84 100
49 105.5 89.3 133.9
51 33.1 28.3 42.5
86 62.3 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 95.658 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

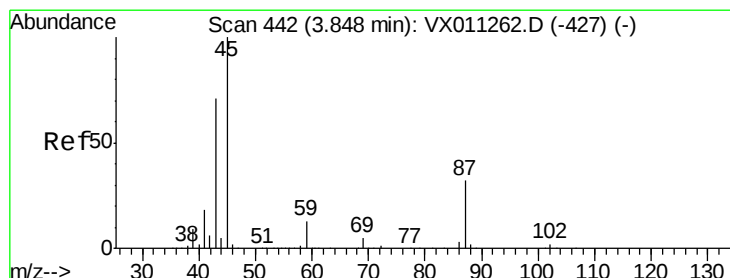
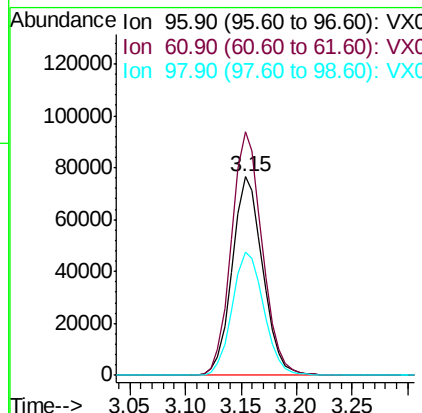
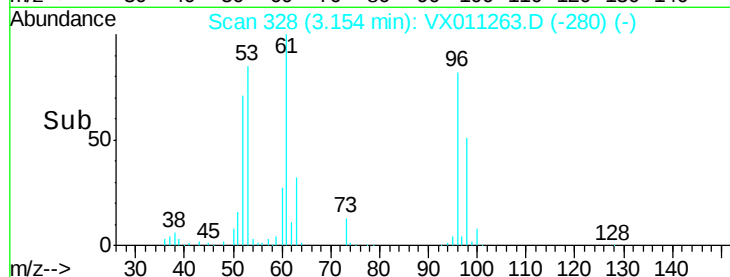
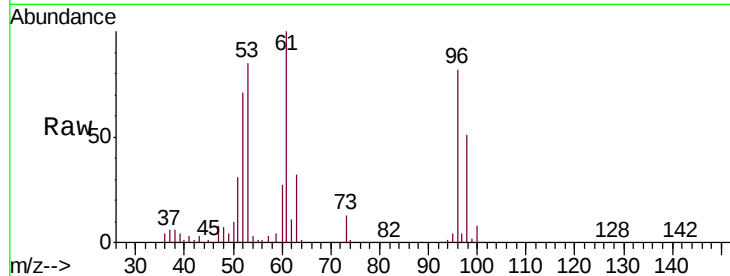
ClientSampleId :

VSTDIC100

Tgt Ion:	96	Resp:	146136
Ion	Ratio	Lower	Upper
96	100		
61	122.5	92.8	139.2
98	61.9	51.2	76.8

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#22

Diisopropyl ether

Concen: 94.466 ug/l

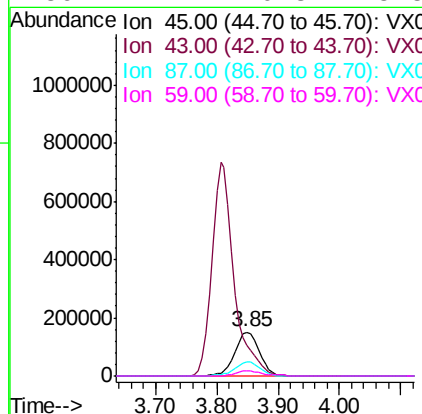
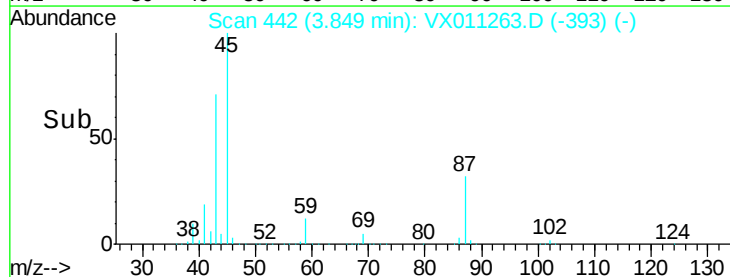
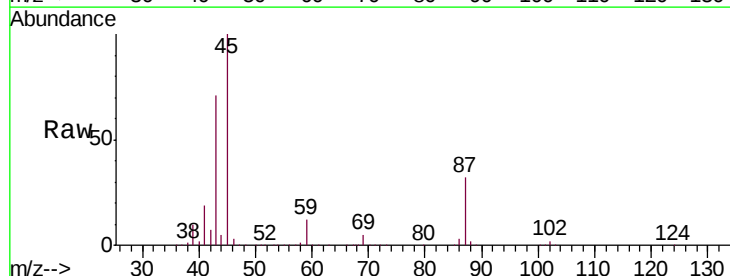
RT: 3.85 min Scan# 442

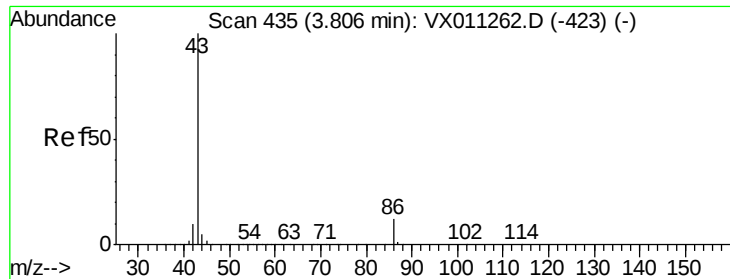
Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Tgt Ion:	45	Resp:	413545
Ion	Ratio	Lower	Upper
45	100		
43	70.9	56.8	85.2
87	31.9	25.8	38.6
59	12.4	10.3	15.5





#23

Vinyl Acetate

Concen: 502.595 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 1865152

Ion Ratio Lower Upper

43 100

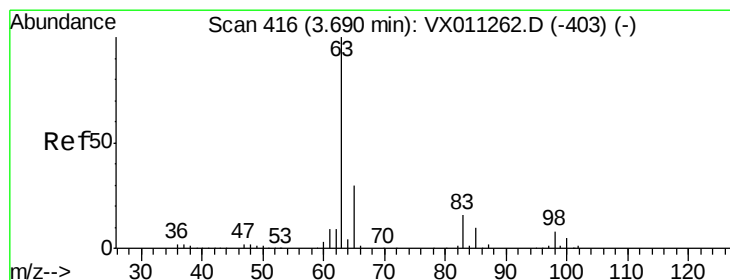
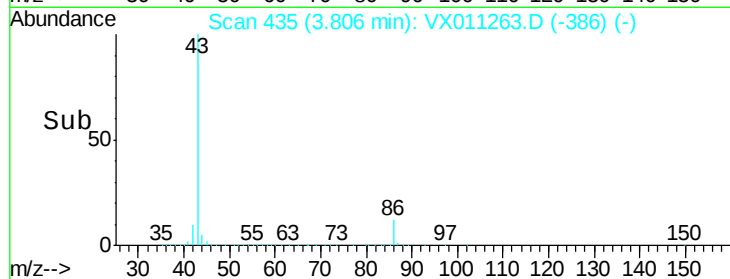
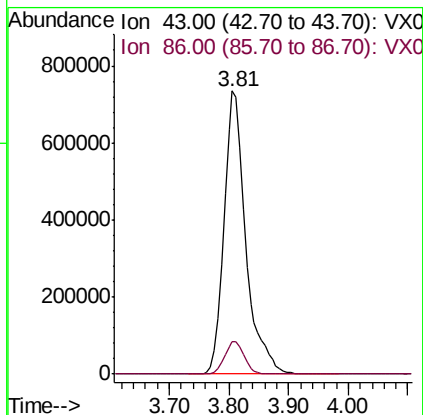
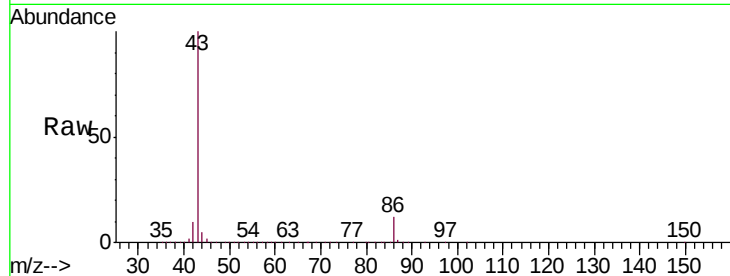
86 11.6 9.6 14.4

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#24

1,1-Dichloroethane

Concen: 93.909 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

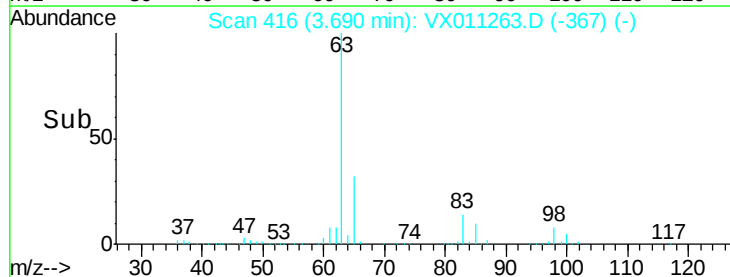
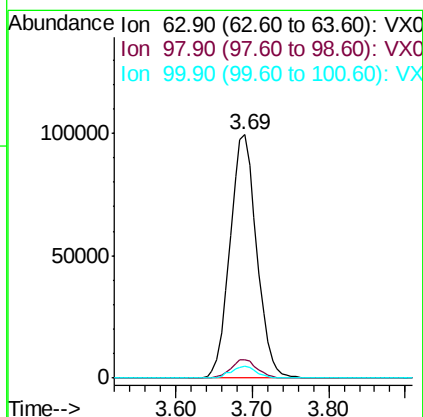
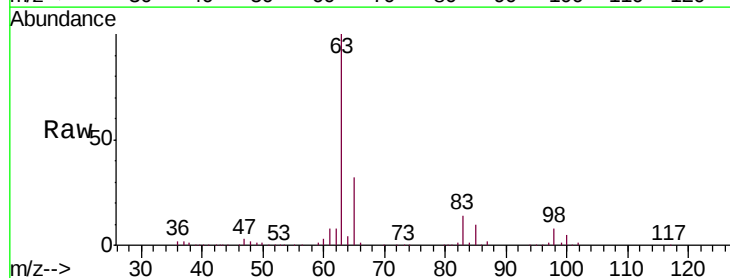
Tgt Ion: 63 Resp: 239773

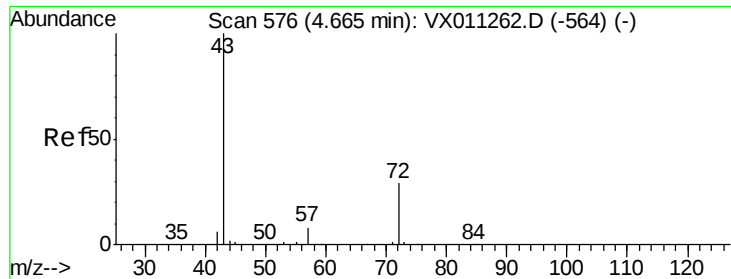
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

100 5.0 2.7 8.1





#25

2-Butanone

Concen: 485.263 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 538205

Ion Ratio Lower Upper

43 100

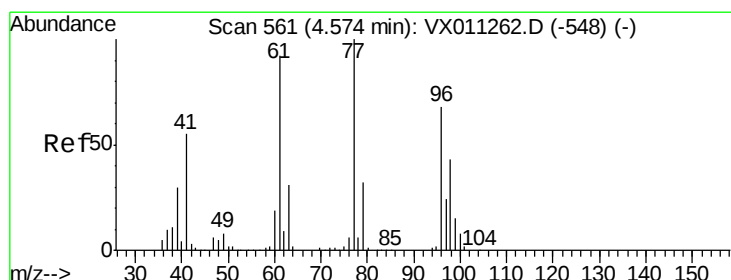
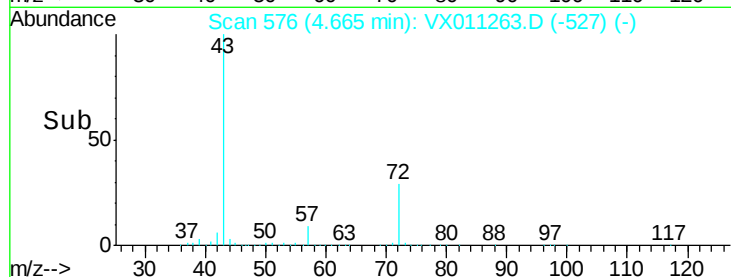
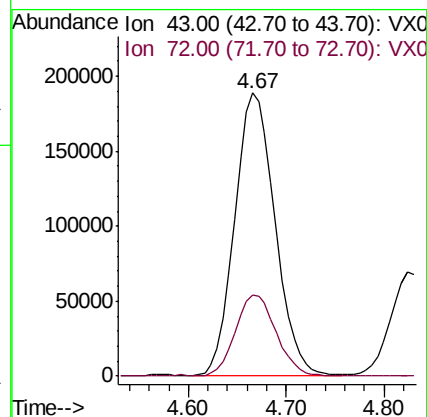
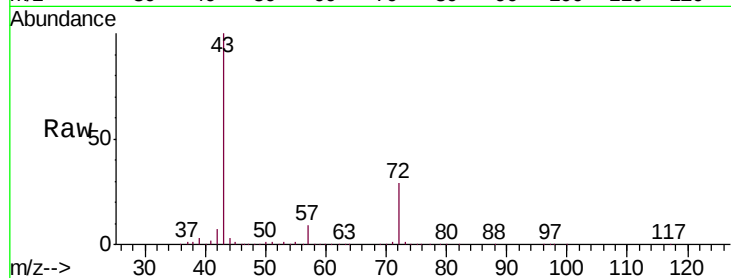
72 28.8 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 95.645 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011263.D

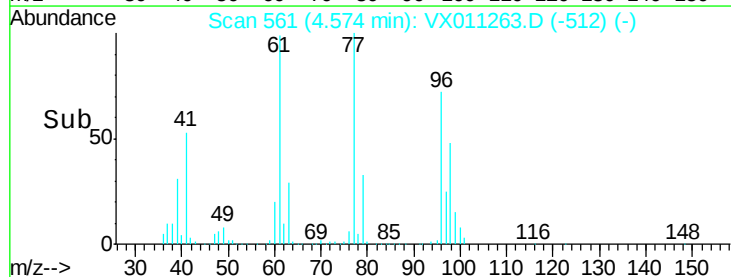
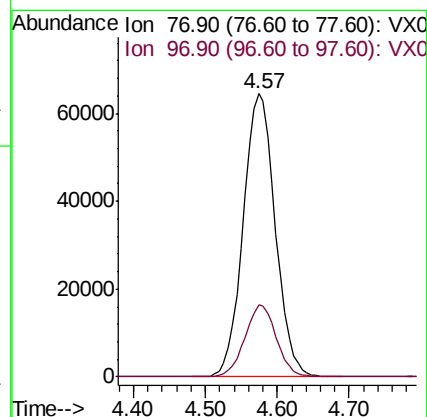
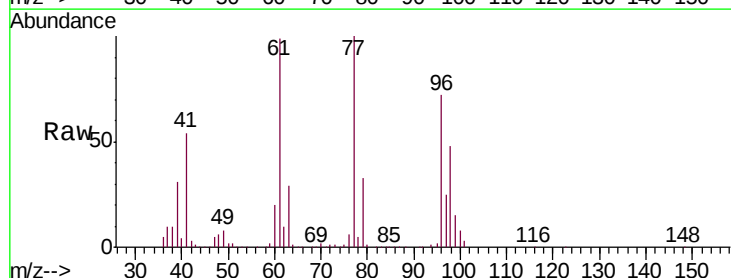
Acq: 01 Aug 2019 16:37

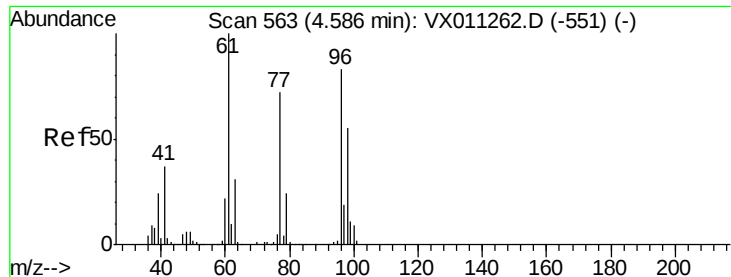
Tgt Ion: 77 Resp: 199062

Ion Ratio Lower Upper

77 100

97 25.1 12.8 38.4





#27

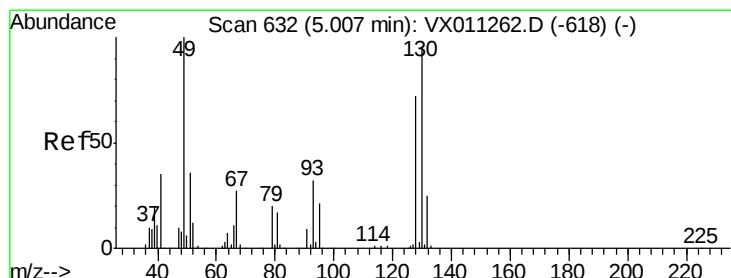
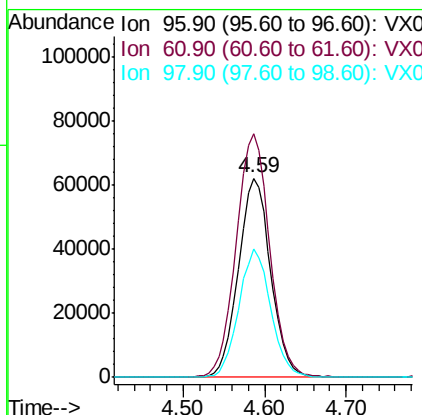
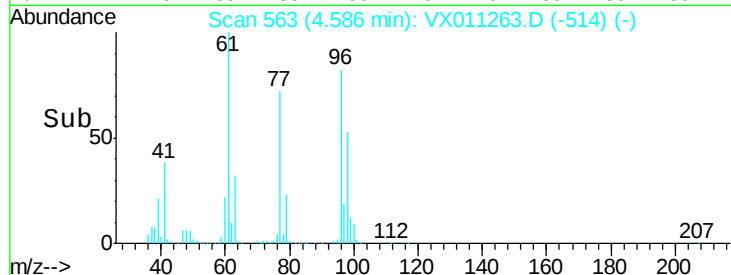
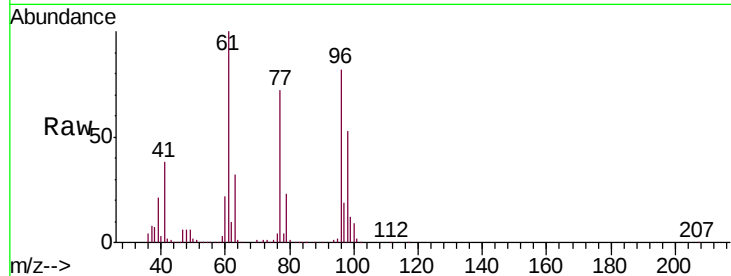
cis-1,2-Dichloroethene
Concen: 96.664 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	170567		
61	127.0	0.0	260.2	
98	63.6	0.0	133.2	

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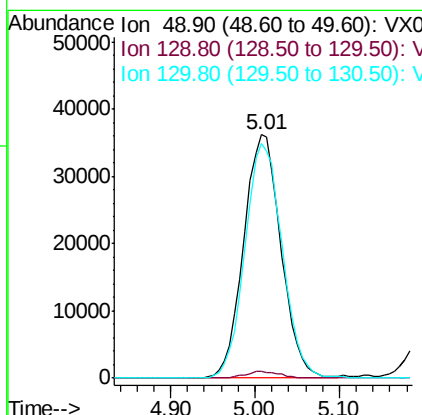
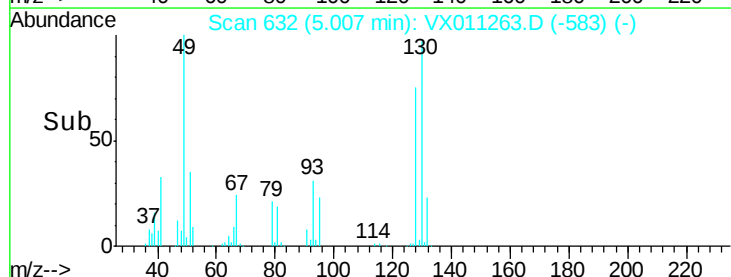
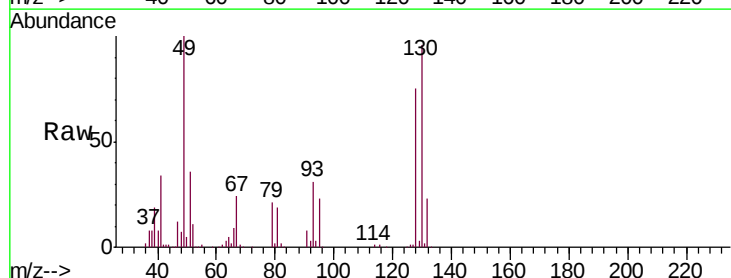
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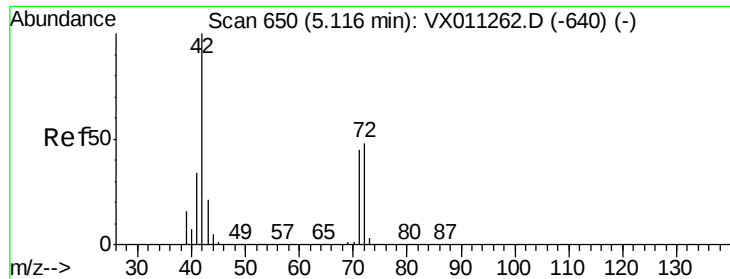


#28

Bromochloromethane
Concen: 91.656 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	109069		
129	2.6	0.0	5.8	
130	96.4	77.9	116.9	





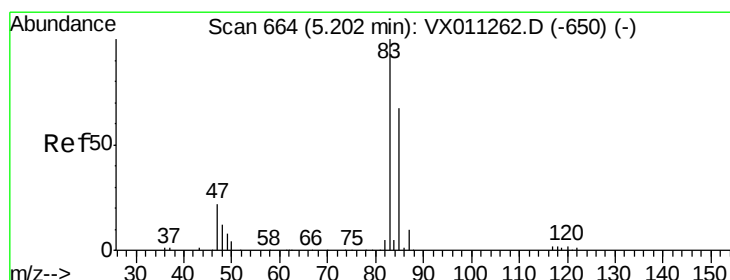
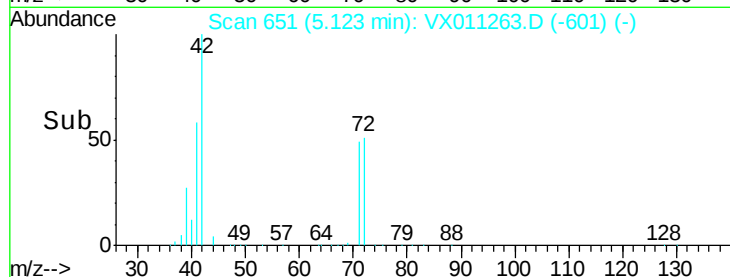
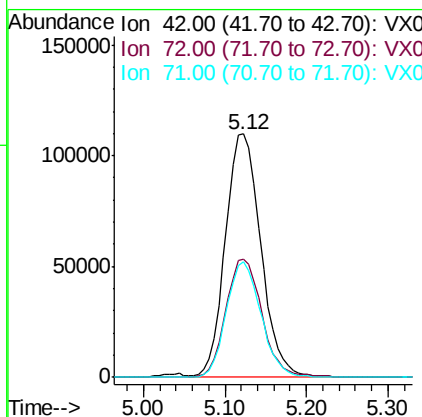
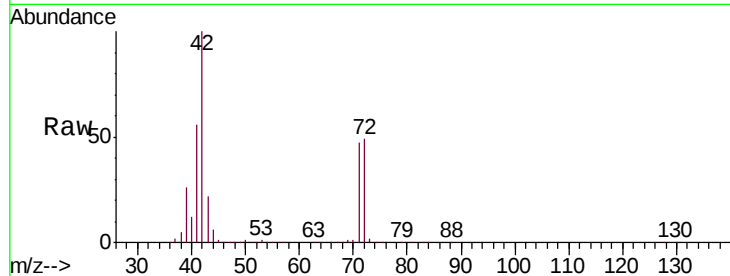
#29
Tetrahydrofuran
Concen: 469.759 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.9	39.9	59.9
71	46.7	36.9	55.3

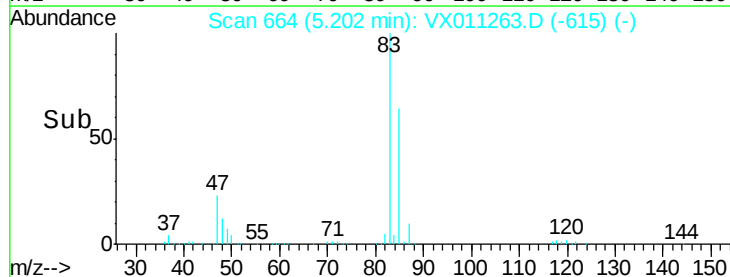
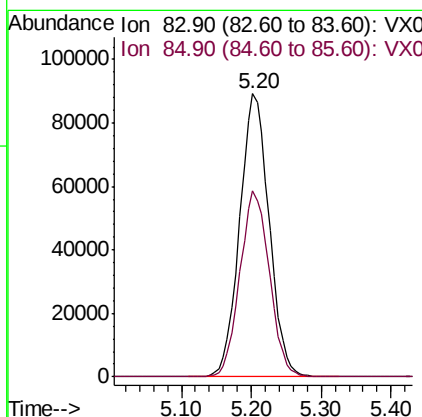
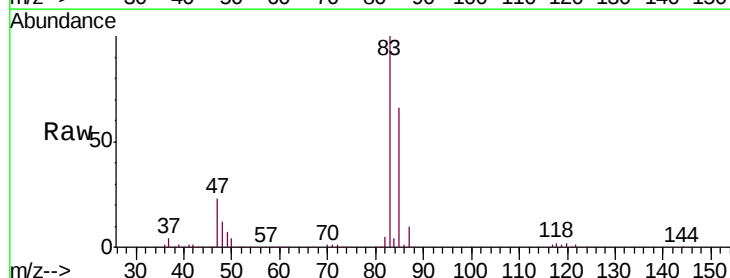
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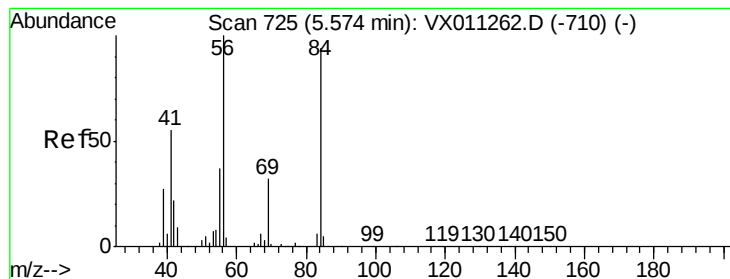
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#30
Chloroform
Concen: 94.382 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	53.4	80.0





#31

Cyclohexane

Concen: 86.644 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

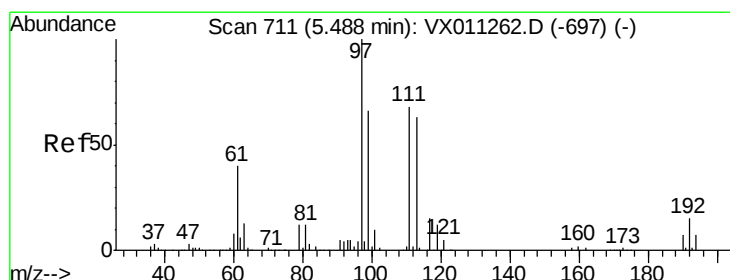
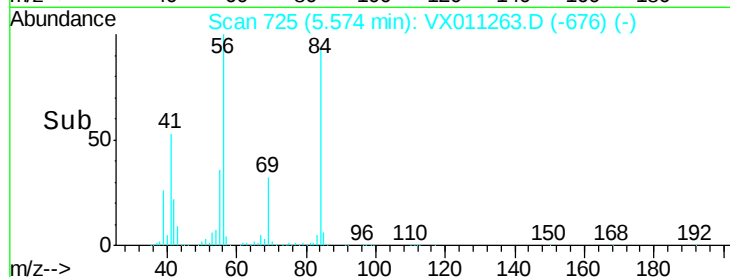
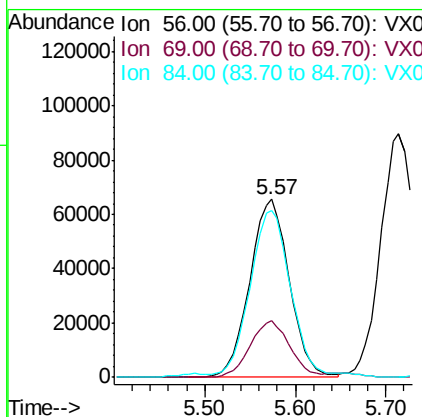
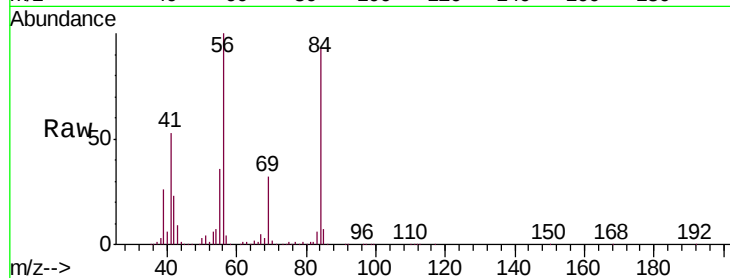
ClientSampleId :

VSTDIC100

Tgt Ion:	56	Resp:	198335
Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.5	38.3
84	91.4	75.0	112.4

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#32

1,1,1-Trichloroethane

Concen: 98.093 ug/l

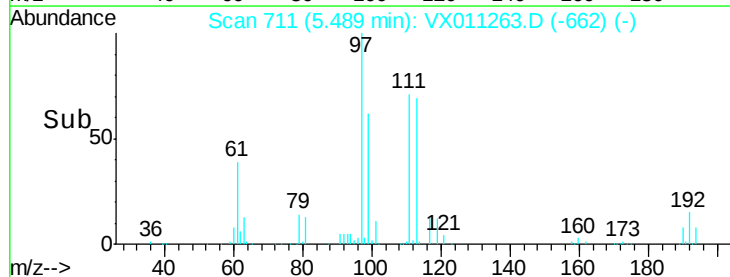
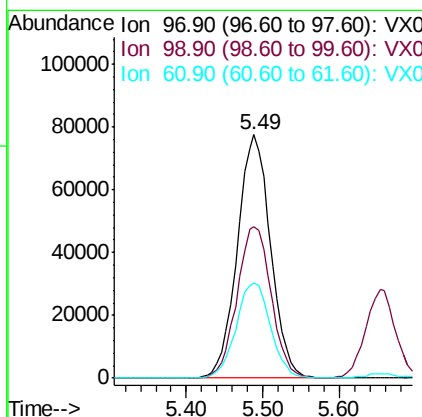
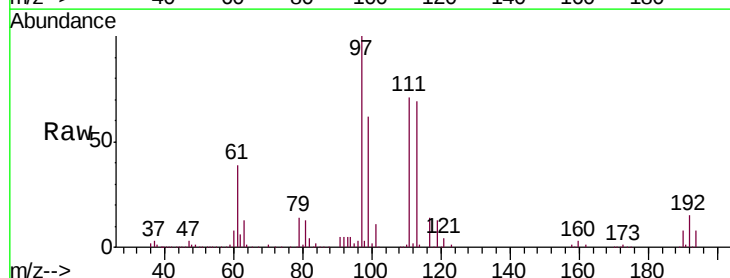
RT: 5.49 min Scan# 711

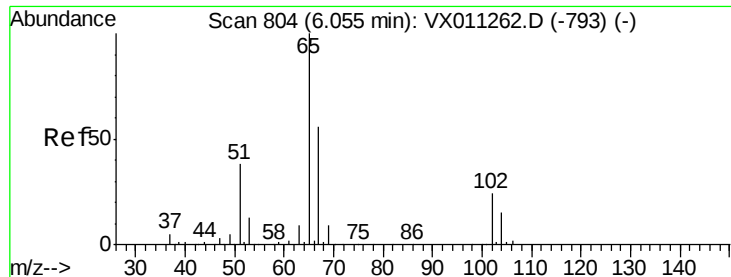
Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Tgt Ion:	97	Resp:	233659
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	40.6	32.3	48.5





#33

1,2-Dichloroethane-d4

Concen: 95.191 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 160231

Ion Ratio Lower Upper

65 100

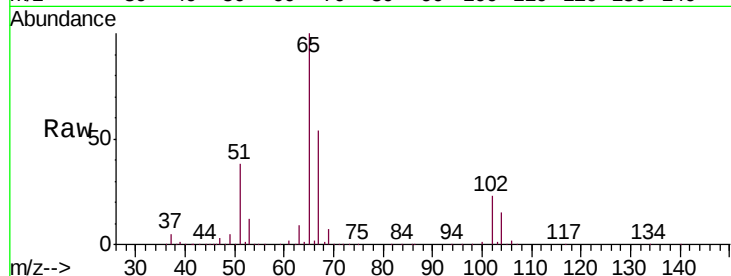
67 53.8 0.0 110.6

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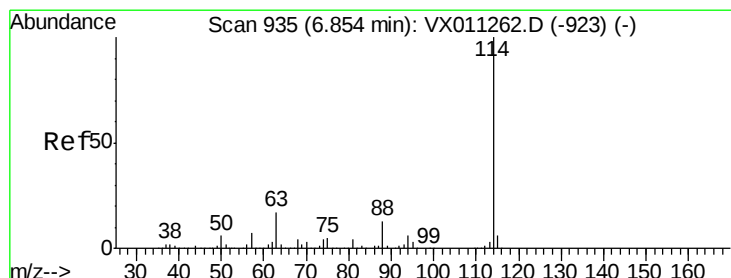
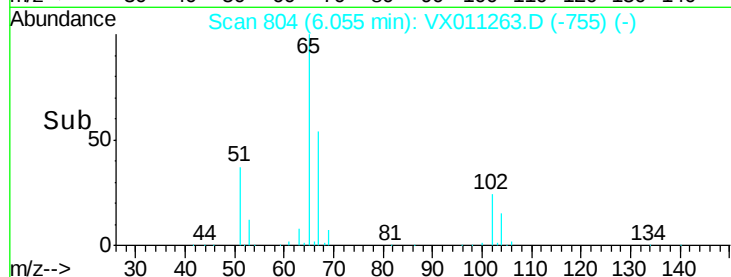
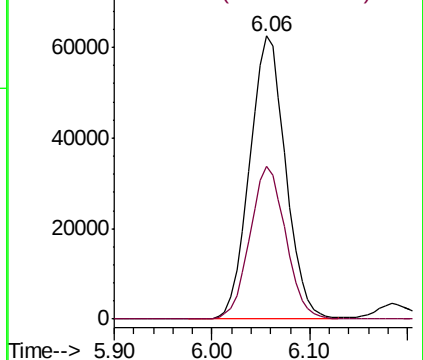
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

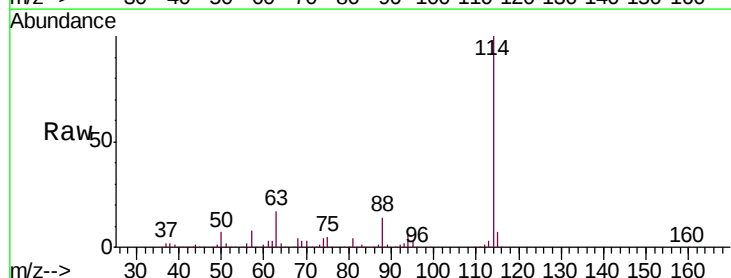
Tgt Ion: 114 Resp: 232703

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.0

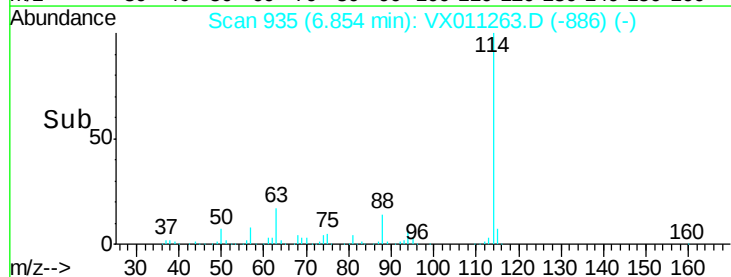
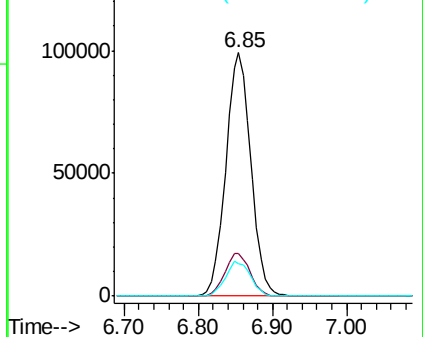
88 13.6 0.0 26.4

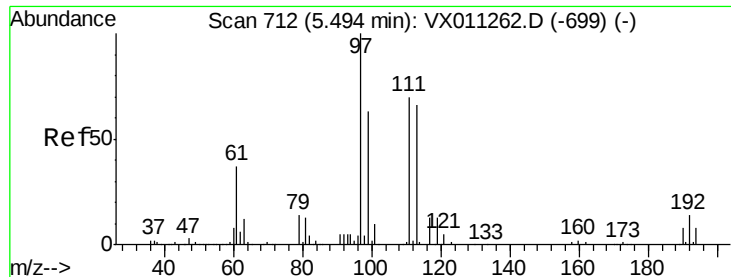


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 102.340 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

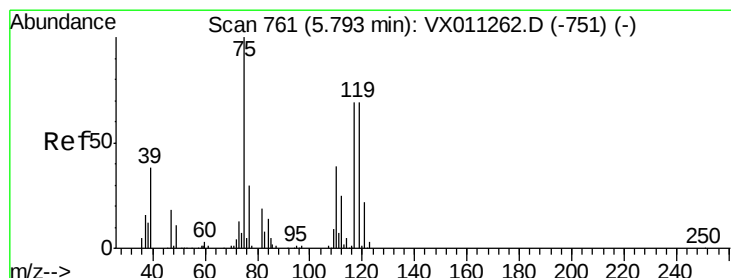
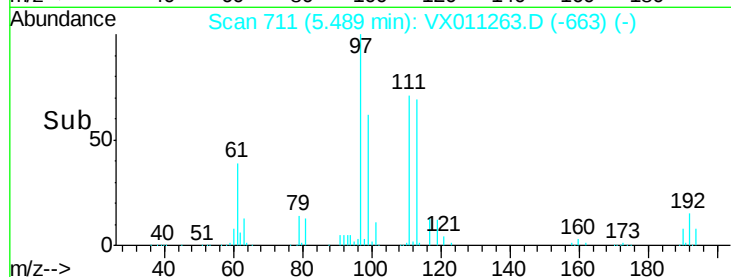
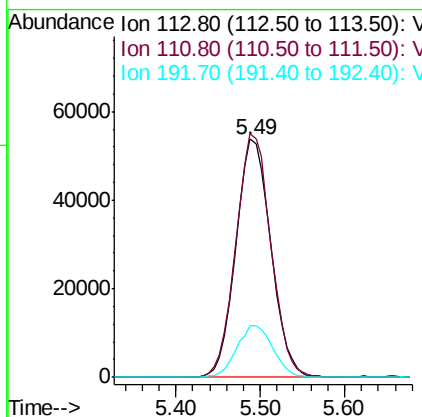
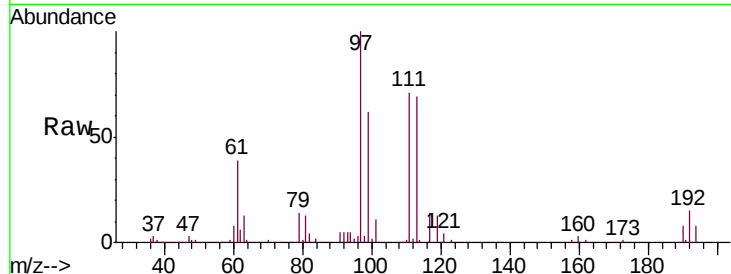
ClientSampleId :

VSTDIC100

Tgt Ion:	113	Resp:	151249
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.9	122.9
192	22.5	17.8	26.8

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#36

1,1-Dichloropropene

Concen: 98.416 ug/l

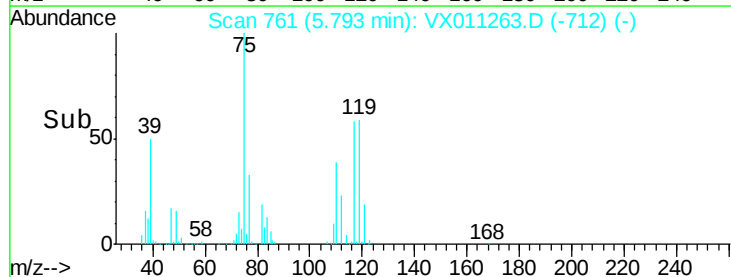
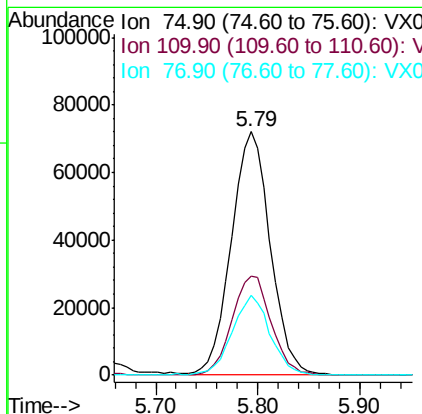
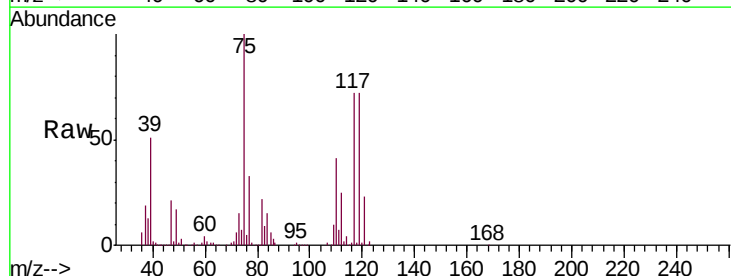
RT: 5.79 min Scan# 761

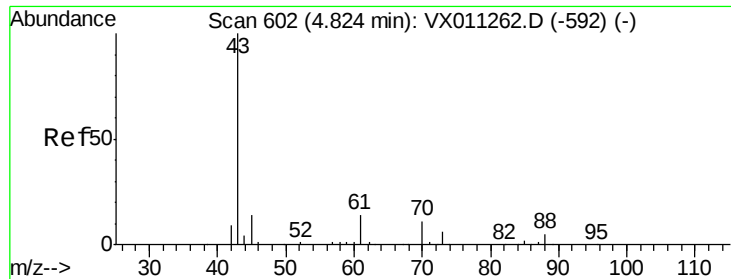
Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Tgt Ion:	75	Resp:	190206
Ion Ratio	Lower	Upper	
75	100		
110	41.1	20.0	59.9
77	31.5	24.8	37.2





#37

Ethyl Acetate

Concen: 101.744 ug/l

RT: 4.82 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

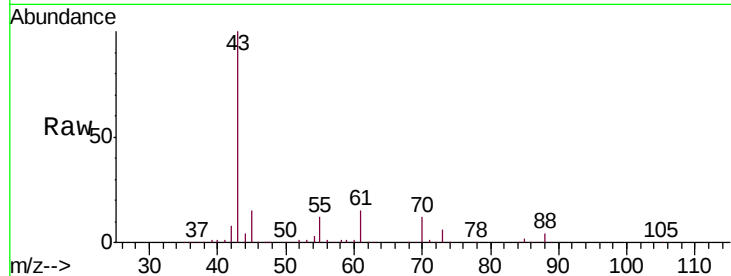
ClientSampled :

VSTDIC100

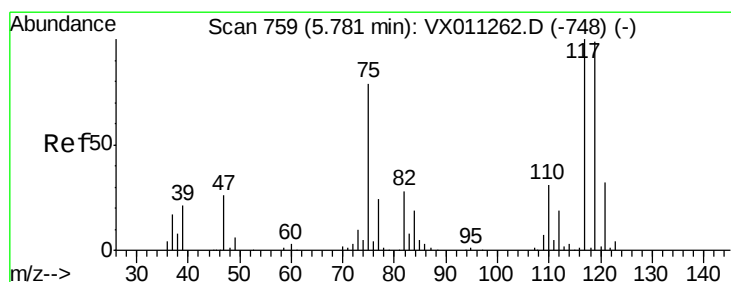
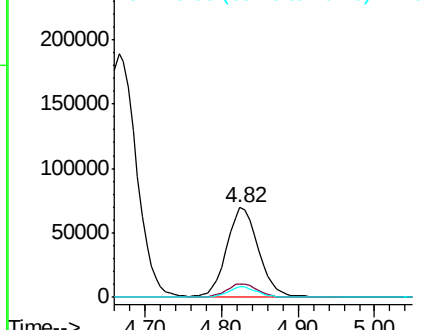
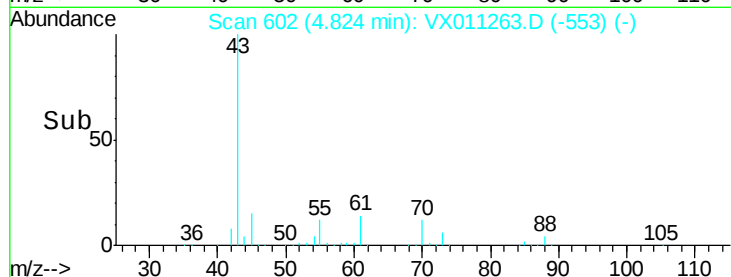
Tgt Ion:	43	Resp:	199513
Ion Ratio		Lower	Upper
43	100		
61	15.3	12.6	18.8
70	11.3	9.1	13.7

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Abundance Ion 43.00 (42.70 to 43.70): VX011263.D (-553) (-)



#38

Carbon Tetrachloride

Concen: 103.050 ug/l

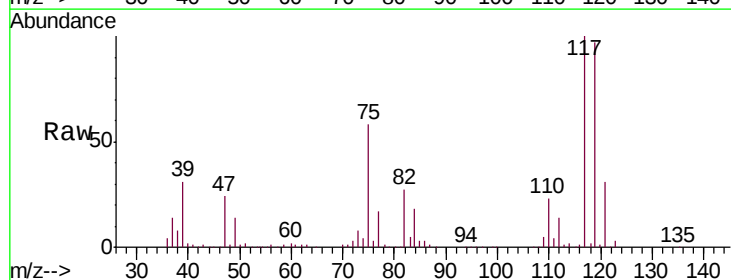
RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

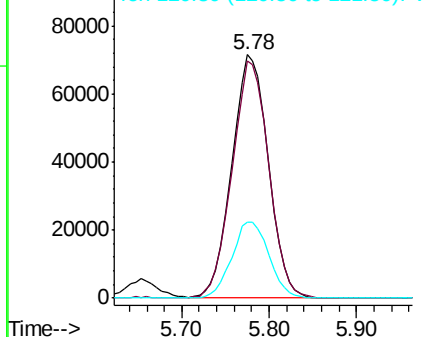
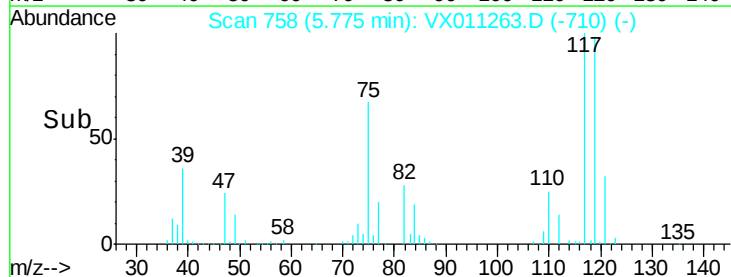
Lab File: VX011263.D

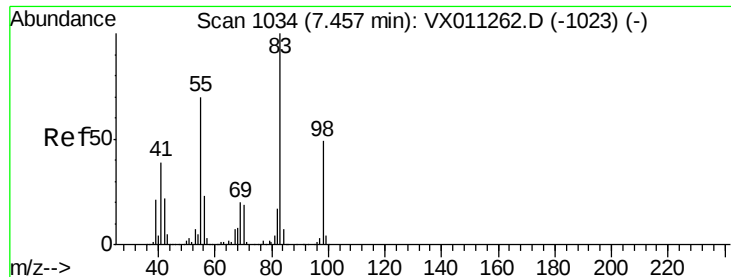
Acq: 01 Aug 2019 16:37

Tgt Ion:	117	Resp:	207163
Ion Ratio		Lower	Upper
117	100		
119	97.3	79.0	118.4
121	31.3	25.9	38.9



Abundance Ion 116.80 (116.50 to 117.50): VX011263.D (-710) (-)





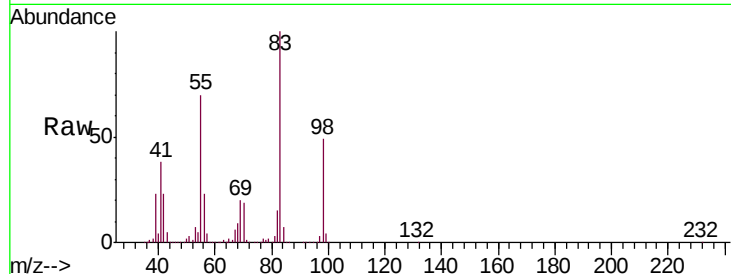
#39
Methylcyclohexane
Concen: 90.969 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

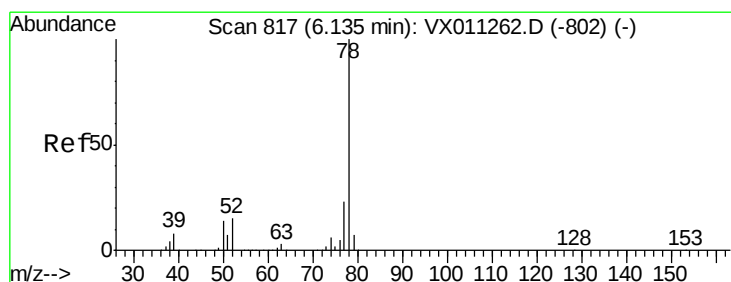
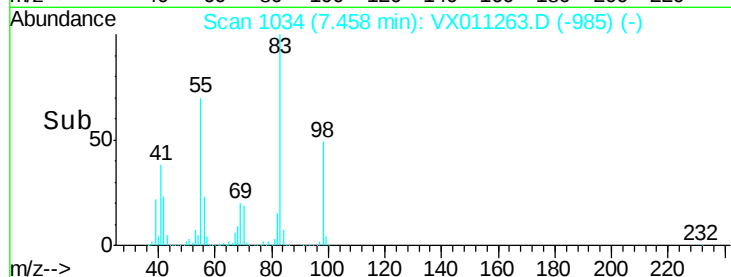
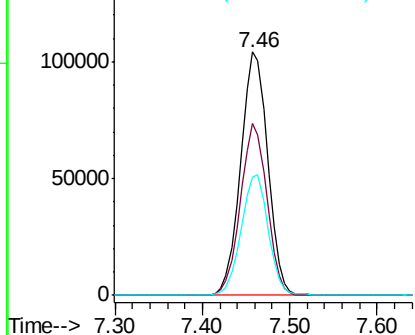
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	224480		
55	70.4	56.1	84.1	
98	48.8	39.0	58.4	

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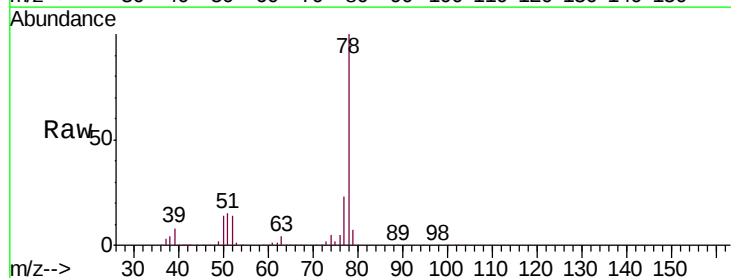


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

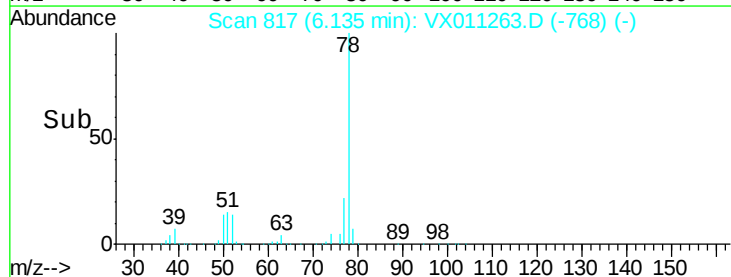
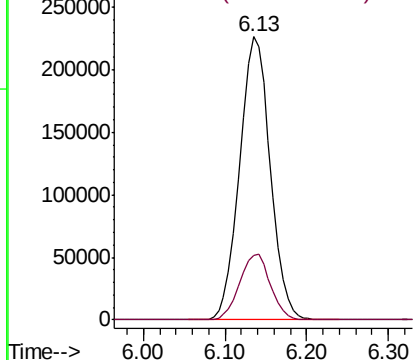


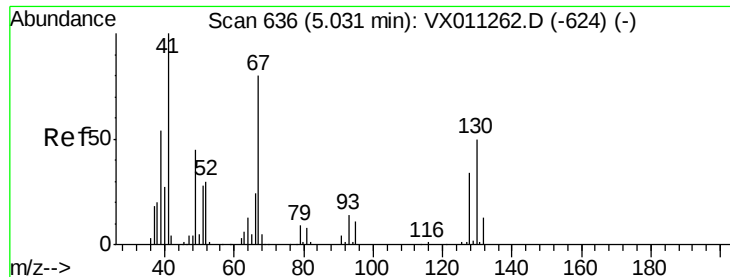
#40
Benzene
Concen: 99.749 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	590475		
77	22.9	18.2	27.2	



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





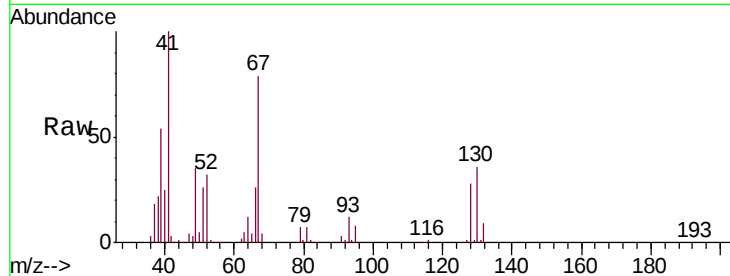
#41
Methacrylonitrile
Concen: 97.675 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

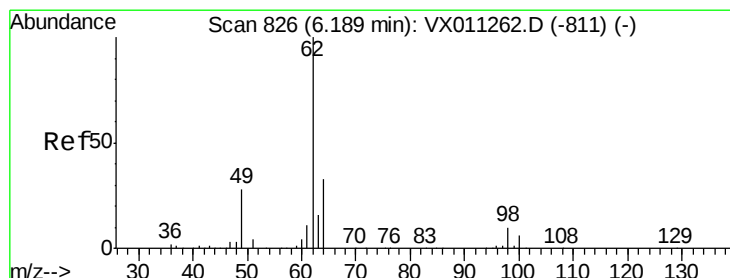
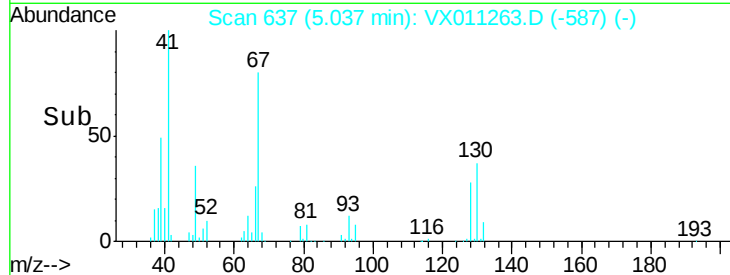
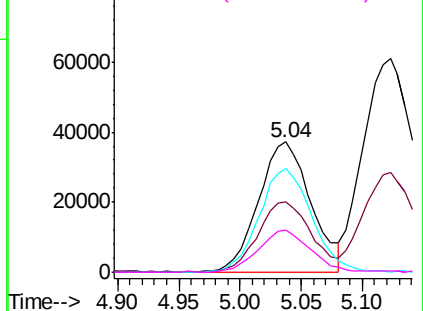
Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	43.0	64.6	
67	80.6	65.1	97.7	
52	31.8	24.8	37.2	

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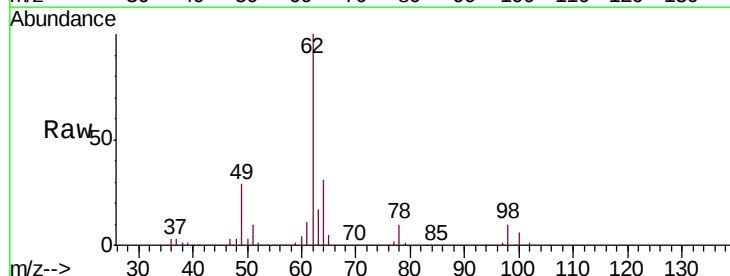


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

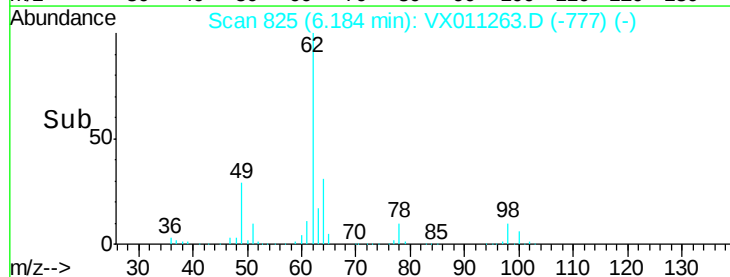
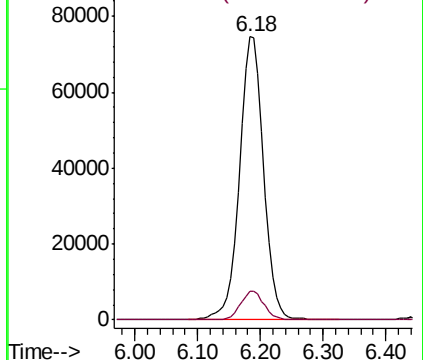


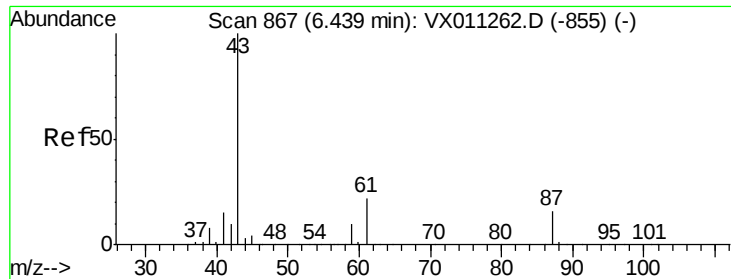
#42
1,2-Dichloroethane
Concen: 96.676 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.6	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 100.950 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

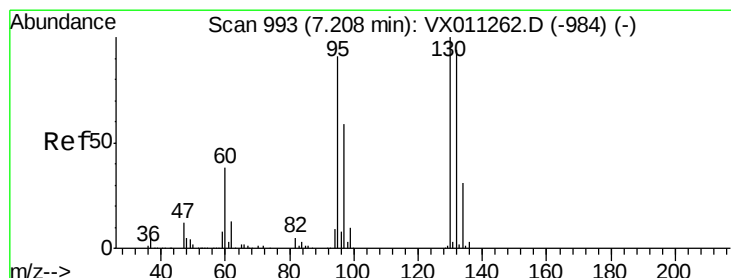
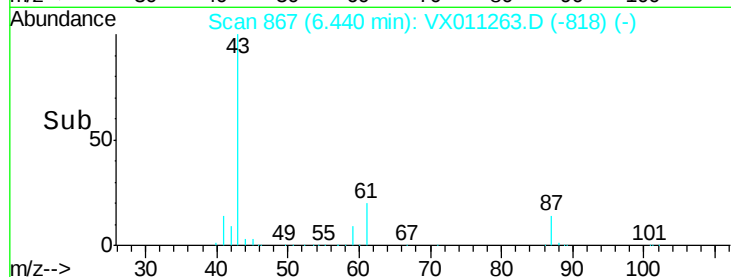
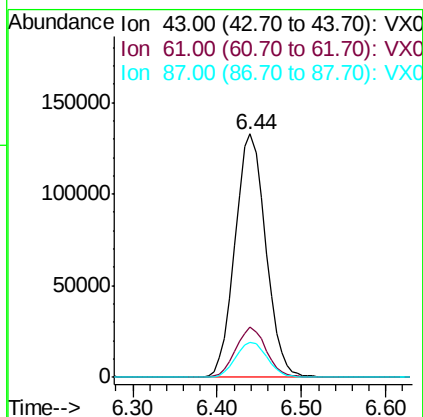
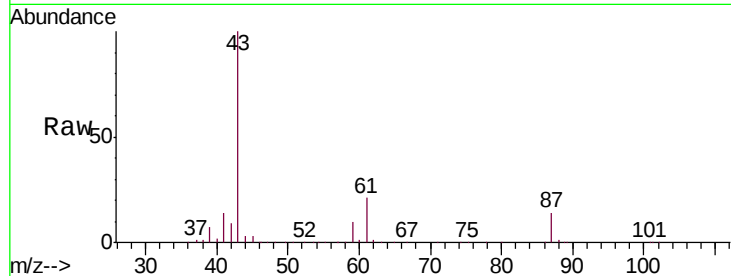
ClientSampleId :

VSTDIC100

Tgt Ion:	43	Resp:	326241
Ion Ratio	Lower	Upper	
43	100		
61	20.7	16.5	24.7
87	15.0	12.1	18.1

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#44

Trichloroethene

Concen: 98.588 ug/l

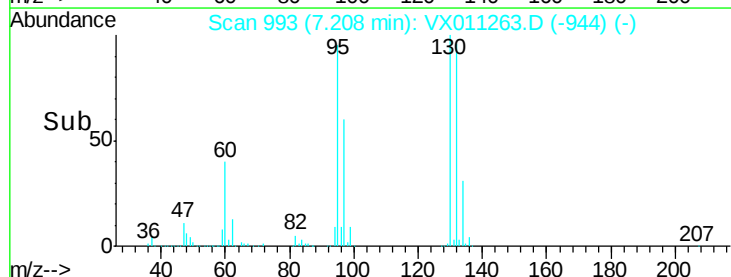
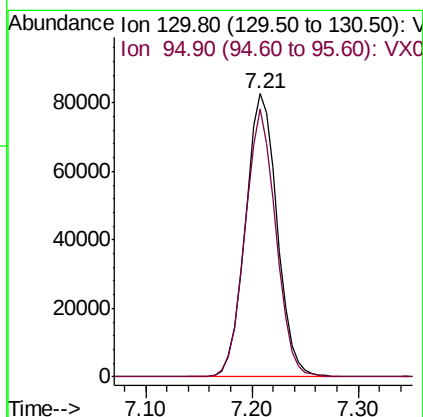
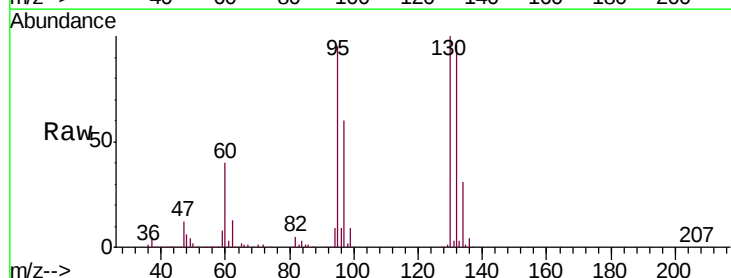
RT: 7.21 min Scan# 993

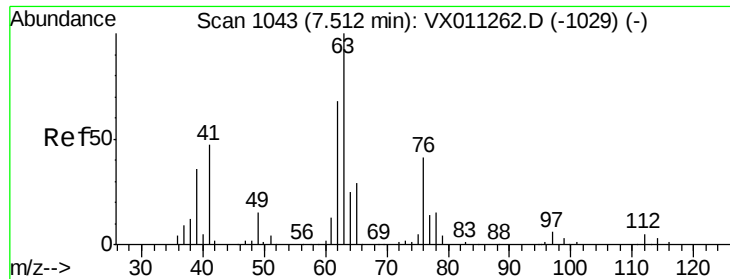
Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Tgt Ion:	130	Resp:	172989
Ion Ratio	Lower	Upper	
130	100		
95	94.6	0.0	182.6





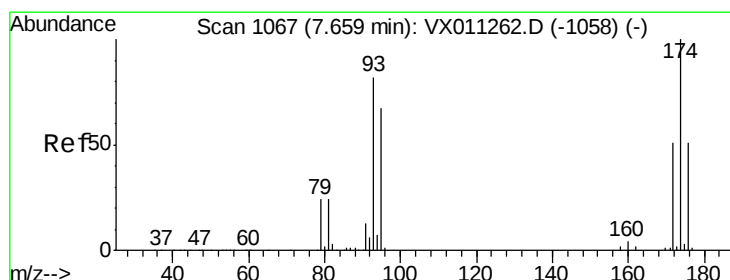
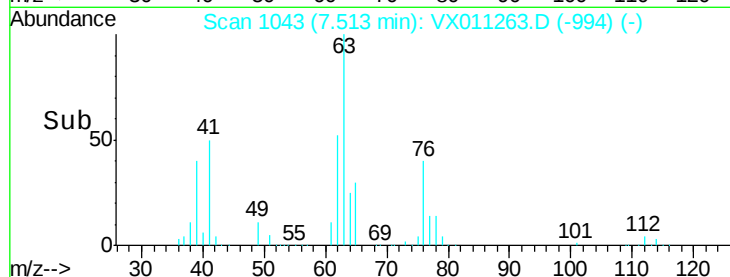
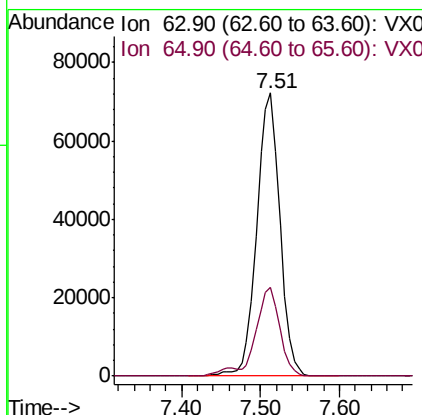
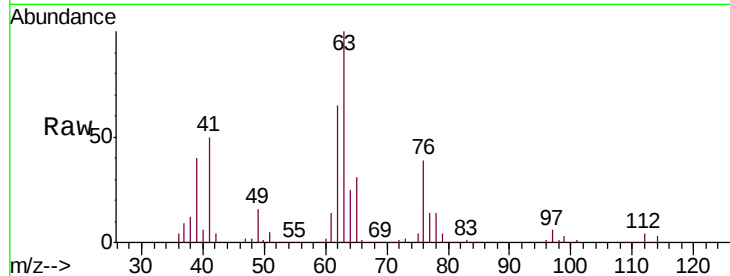
#45
 1,2-Dichloropropane
 Concen: 97.786 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 63 Resp: 147300
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.3 34.9

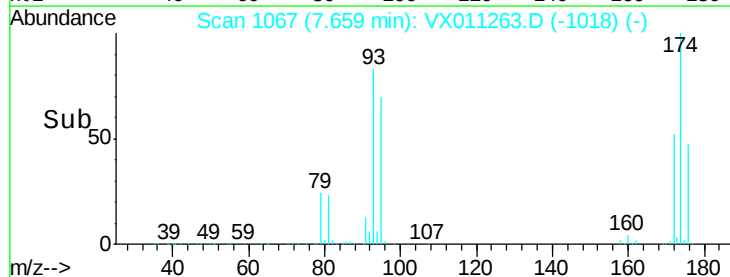
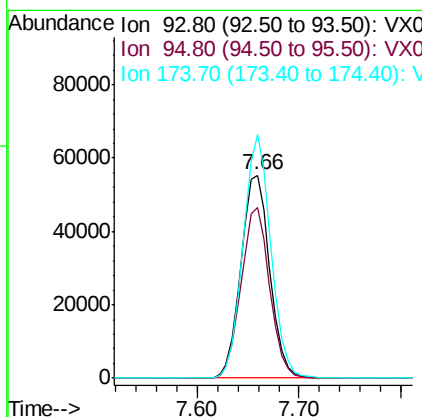
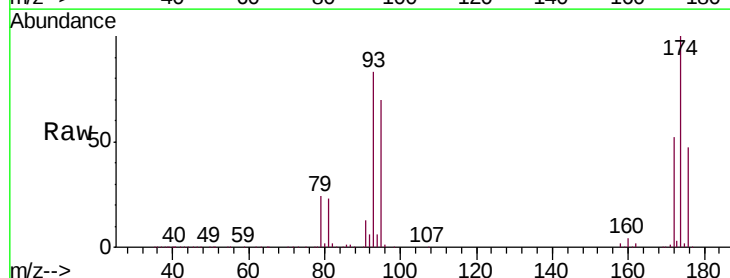
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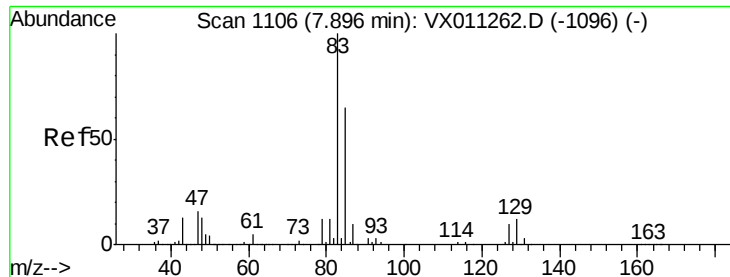
MMDadoda
 8/2/2019 9:07:10 AM



#46
 Dibromomethane
 Concen: 100.949 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Tgt Ion: 93 Resp: 108584
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.4 99.6
 174 115.9 93.4 140.2





#47

Bromodichloromethane

Concen: 107.021 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

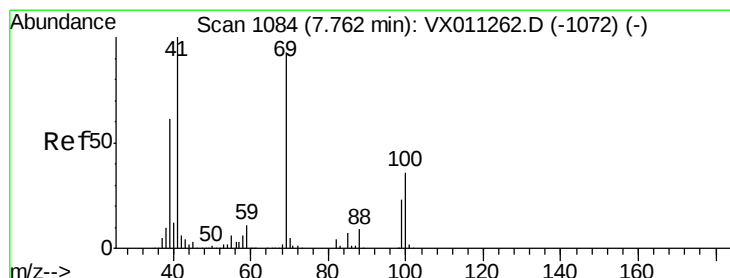
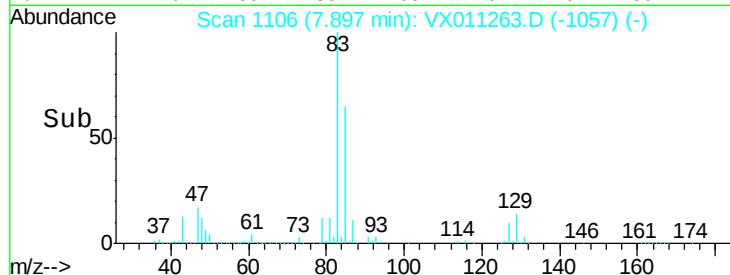
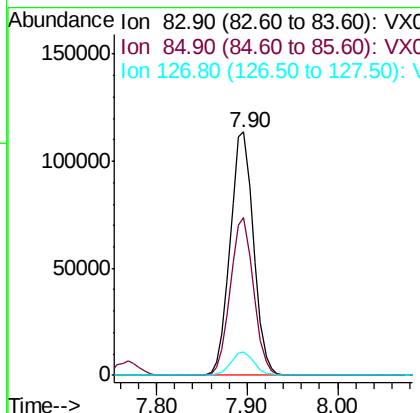
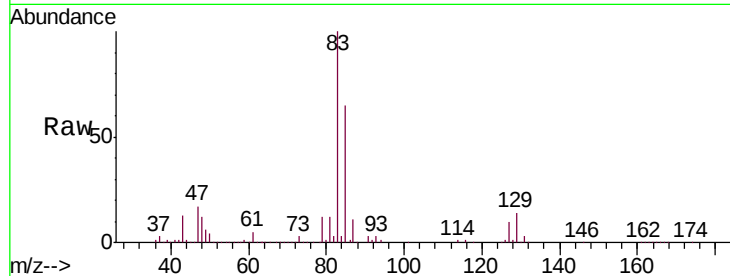
ClientSampleId :

VSTDIC100

Tgt Ion:	83	Resp:	204192
Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.2	78.2
127	9.5	7.8	11.8

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#48

Methyl methacrylate

Concen: 101.068 ug/l

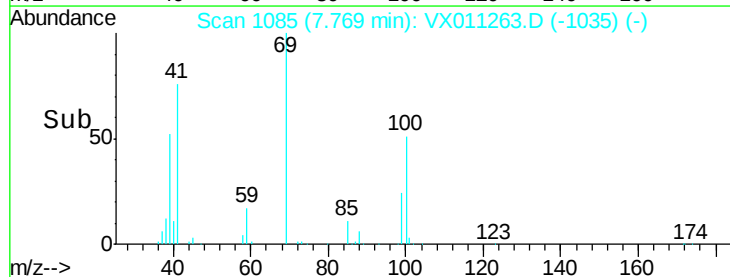
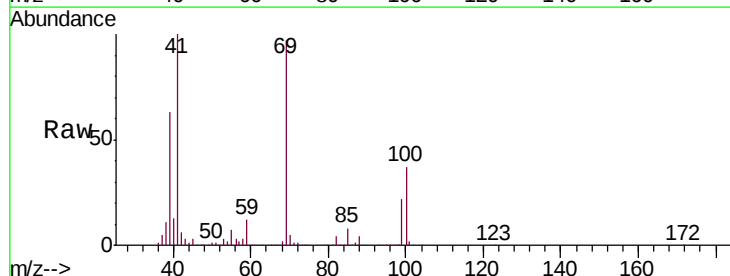
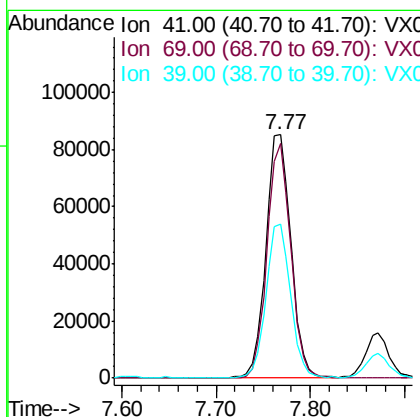
RT: 7.77 min Scan# 1085

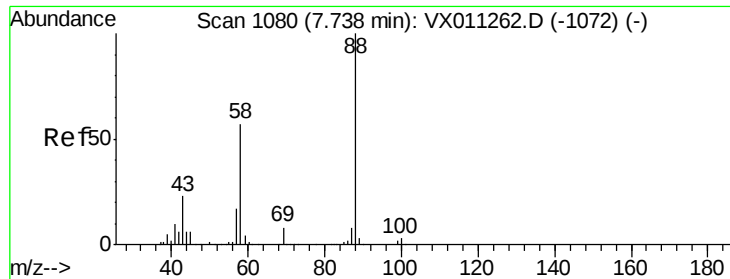
Delta R.T. 0.01 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Tgt Ion:	41	Resp:	158885
Ion	Ratio	Lower	Upper
41	100		
69	92.0	74.5	111.7
39	61.9	48.6	72.8





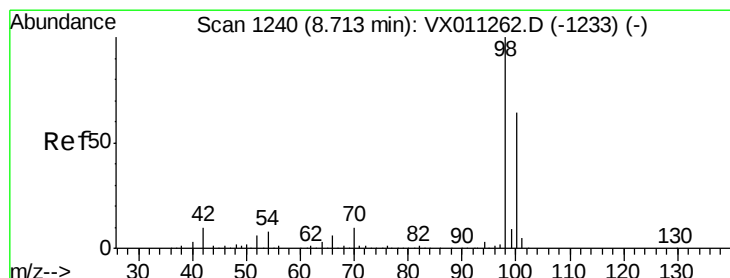
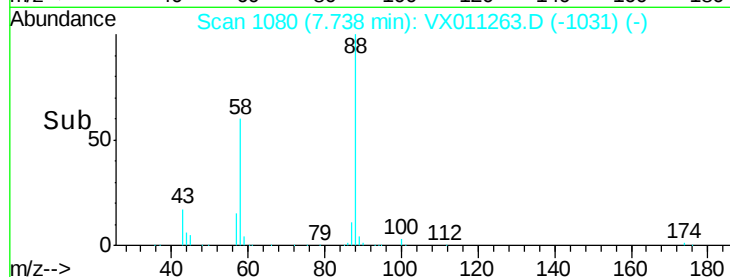
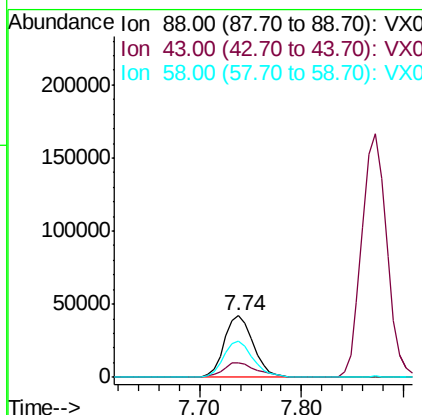
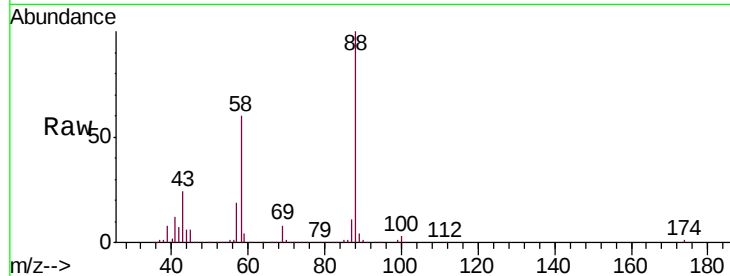
#49
1,4-Dioxane
Concen: 1862.414 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.7	22.2	33.2
58	61.2	47.8	71.8

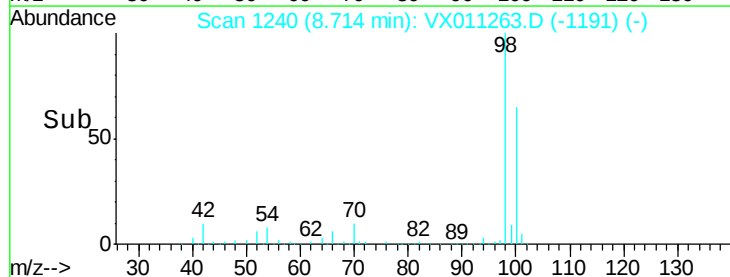
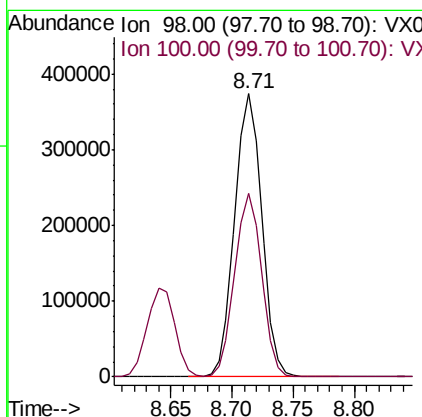
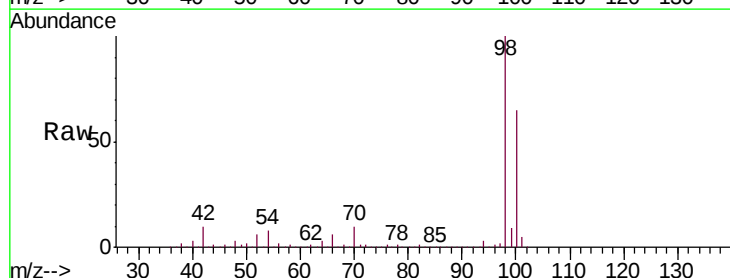
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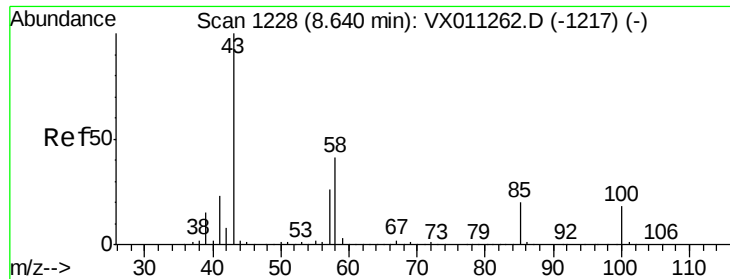
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#50
Toluene-d8
Concen: 104.029 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5





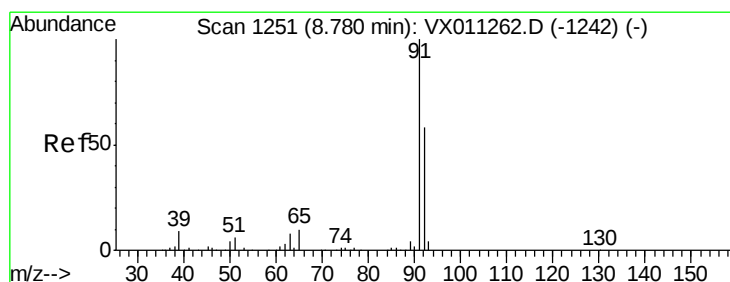
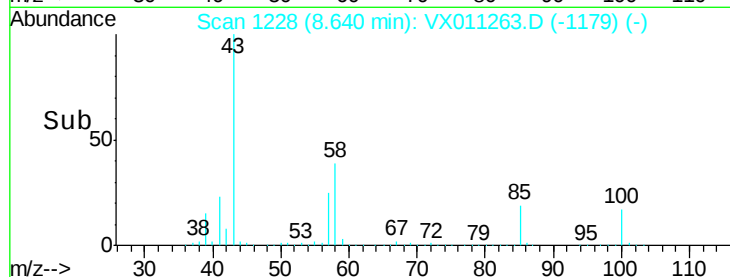
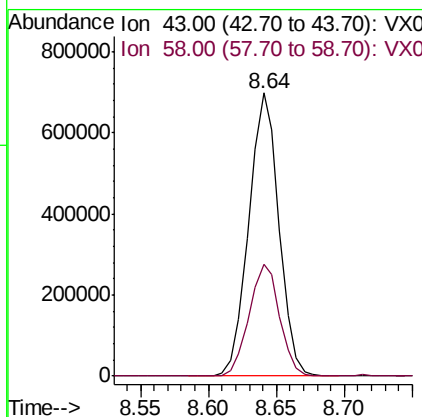
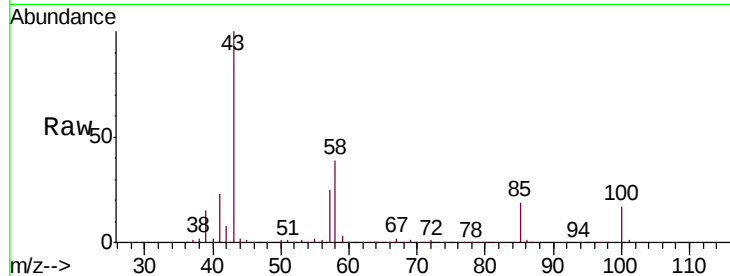
#51
4-Methyl-2-Pentanone
Concen: 515.124 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1082761
Ion Ratio Lower Upper
43 100
58 40.0 32.3 48.5

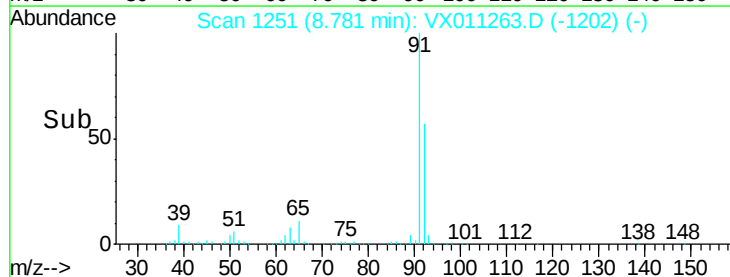
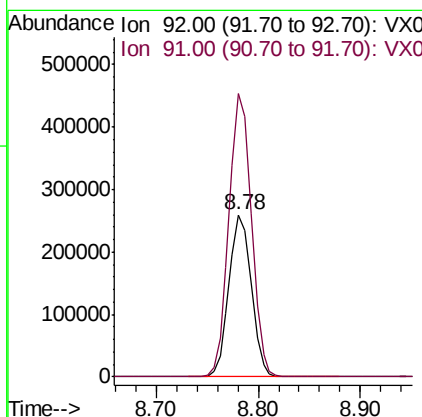
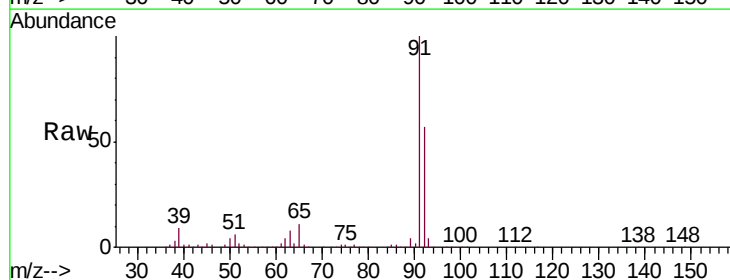
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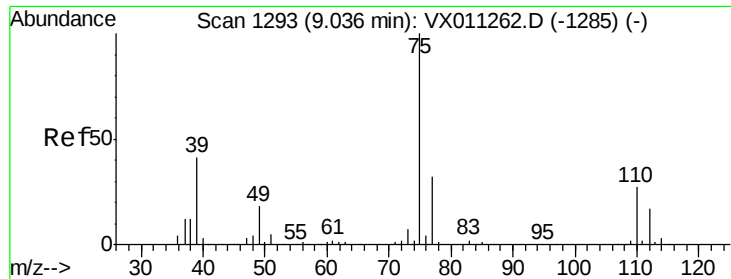
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#52
Toluene
Concen: 101.111 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion: 92 Resp: 393502
Ion Ratio Lower Upper
92 100
91 175.7 139.4 209.0





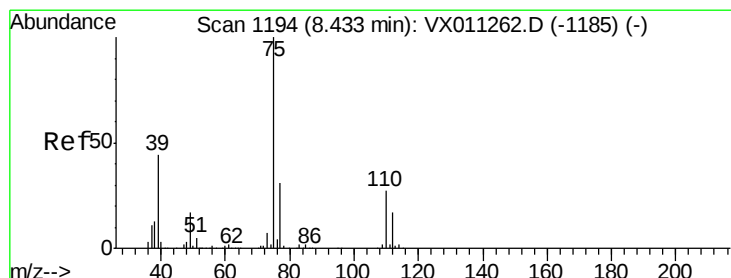
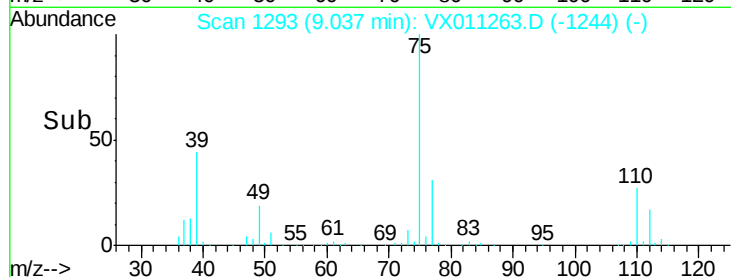
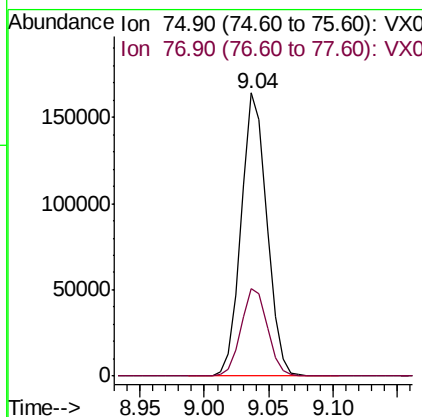
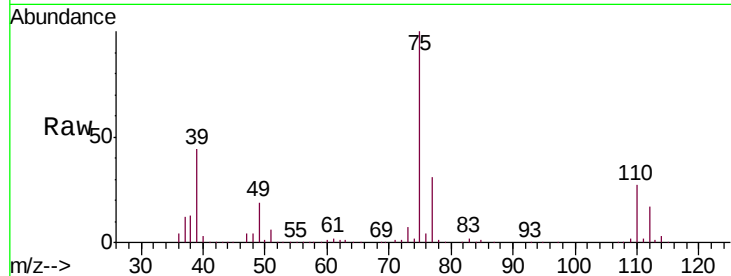
#53
 t-1,3-Dichloropropene
 Concen: 110.733 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 226591
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0

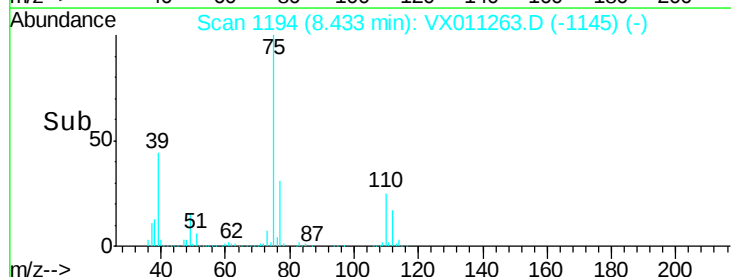
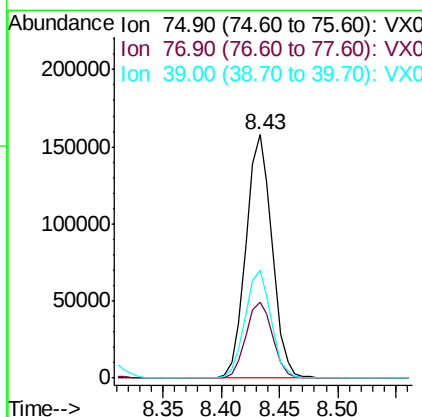
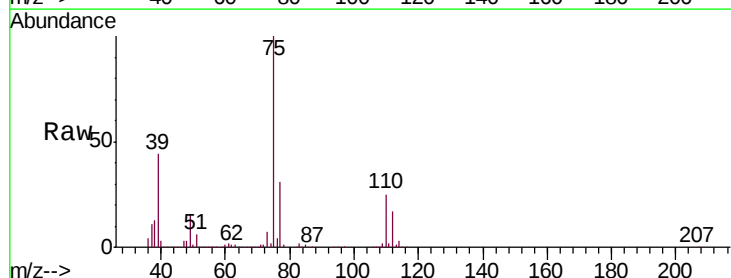
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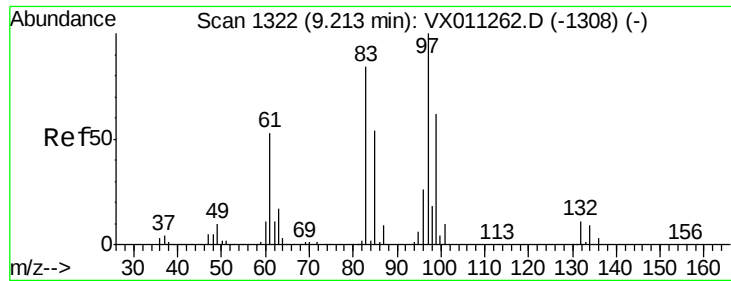
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#54
 cis-1,3-Dichloropropene
 Concen: 108.217 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Tgt Ion: 75 Resp: 246928
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6
 39 44.1 35.3 52.9





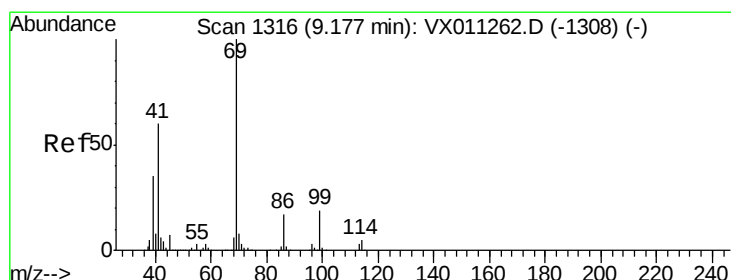
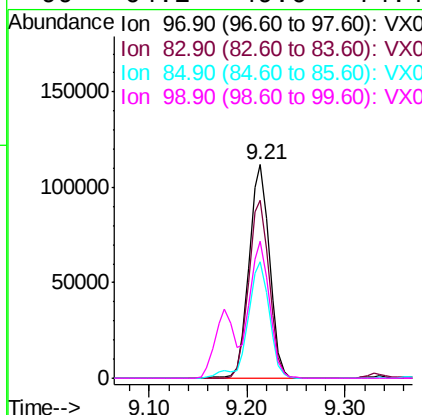
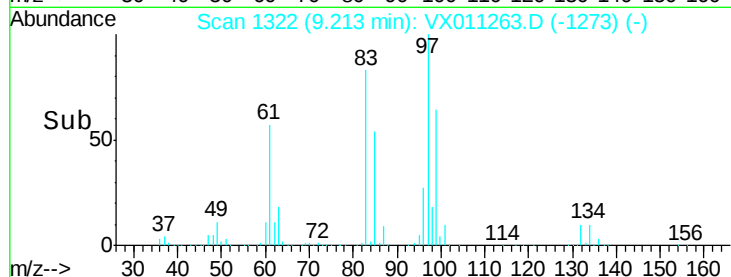
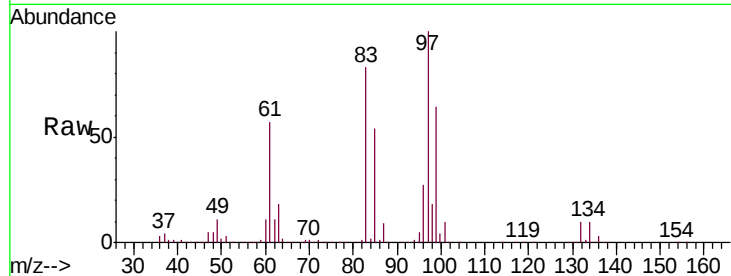
#55
 1,1,2-Trichloroethane
 Concen: 101.457 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	162619
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.6	101.4
85	54.3	43.4	65.0
99	64.2	49.6	74.4

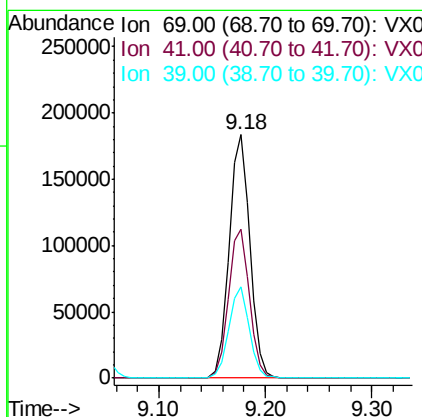
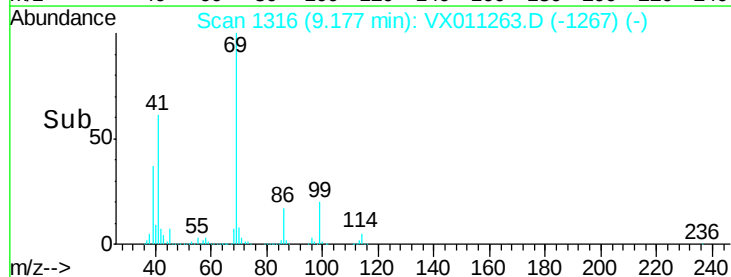
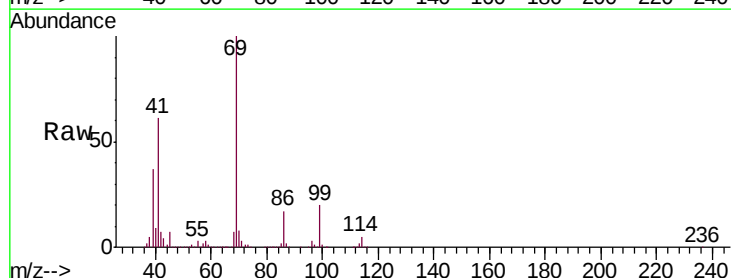
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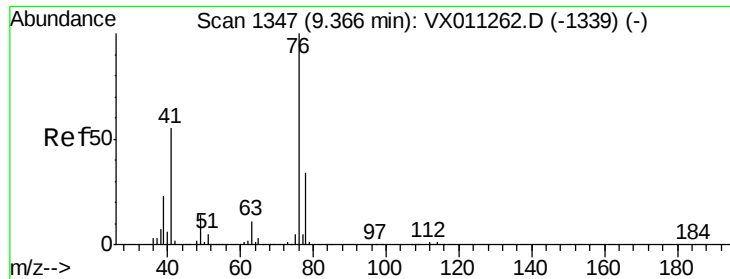
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#56
 Ethyl methacrylate
 Concen: 108.133 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Tgt Ion:	69	Resp:	251609
Ion	Ratio	Lower	Upper
69	100		
41	61.6	48.6	73.0
39	36.8	29.4	44.2





#57

1,3-Dichloropropane

Concen: 100.746 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 255231

Ion Ratio Lower Upper

76 100

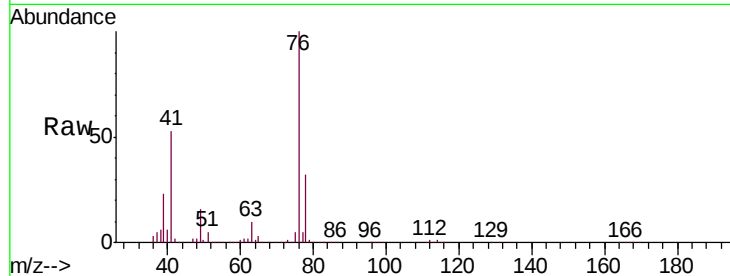
78 32.7 26.6 40.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

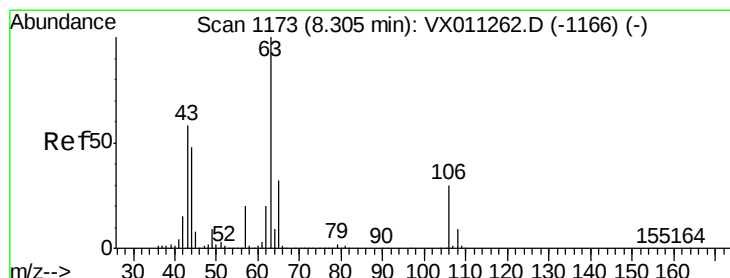
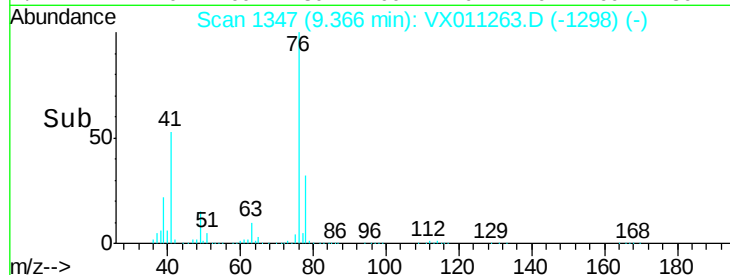
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 532.292 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VX011263.D

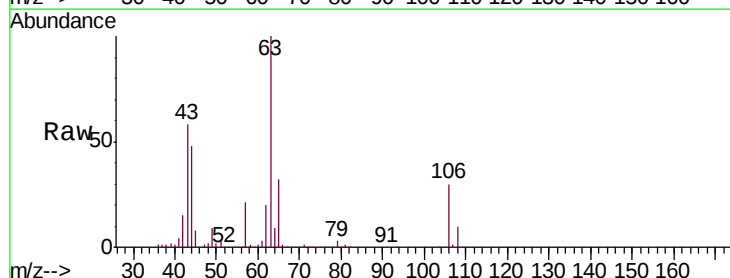
Acq: 01 Aug 2019 16:37

Tgt Ion: 63 Resp: 593533

Ion Ratio Lower Upper

63 100

106 30.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

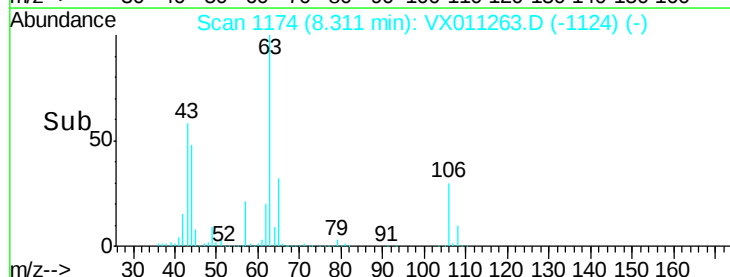
300000

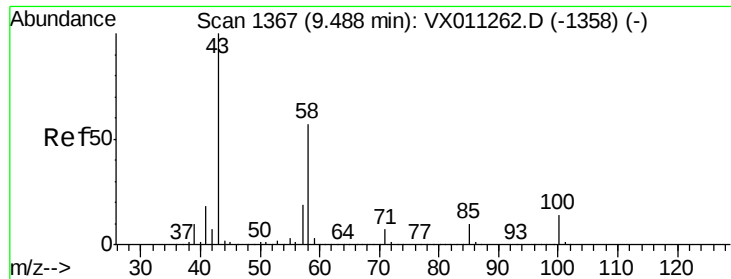
200000

100000

0

Time-->





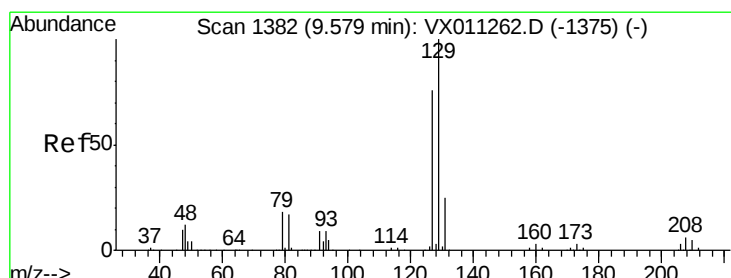
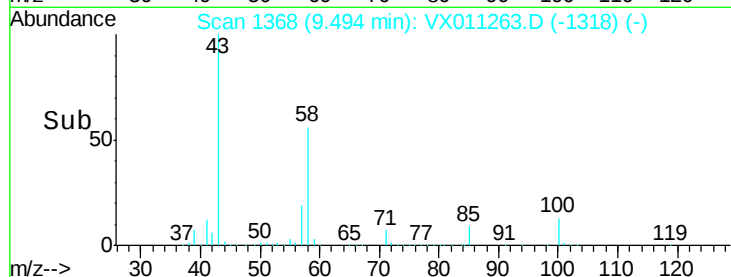
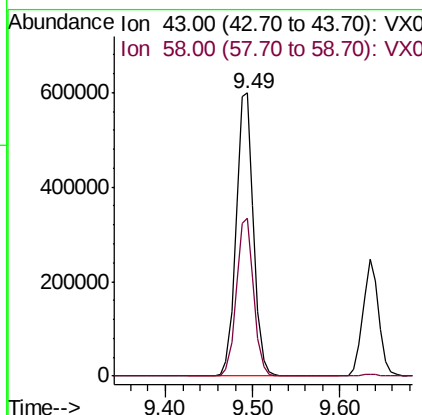
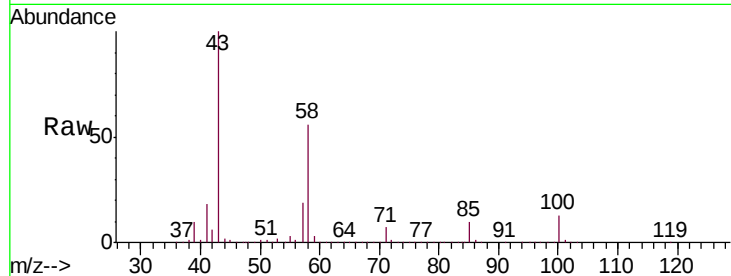
#59
2-Hexanone
Concen: 511.954 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 834632
Ion Ratio Lower Upper
43 100
58 55.7 28.2 84.6

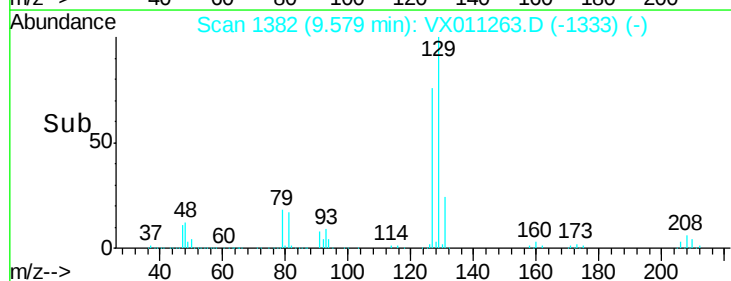
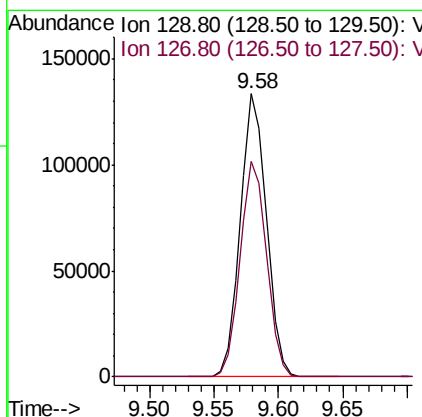
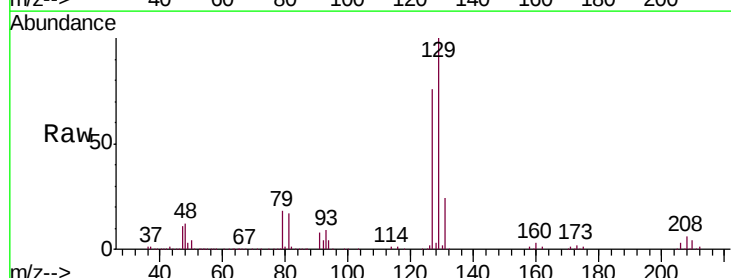
Manual Integrations
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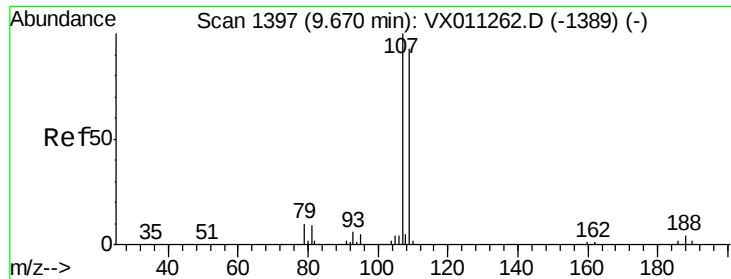
MMDadoda
8/2/2019 9:07:10 AM



#60
Dibromochloromethane
Concen: 115.879 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion: 129 Resp: 187462
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6





#61

1,2-Dibromoethane

Concen: 105.356 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 107 Resp: 179308

Ion Ratio Lower Upper

107 100

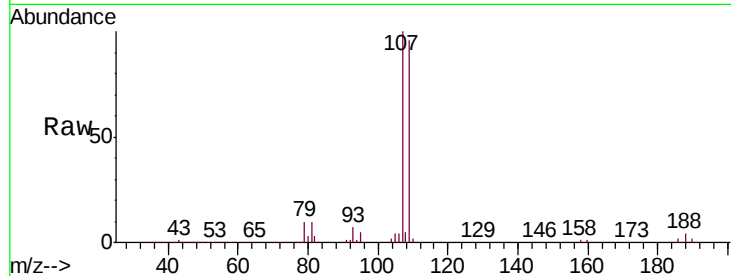
109 95.1 76.6 114.8

Manual Integrations

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MMDadoda

8/2/2019 9:07:10 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

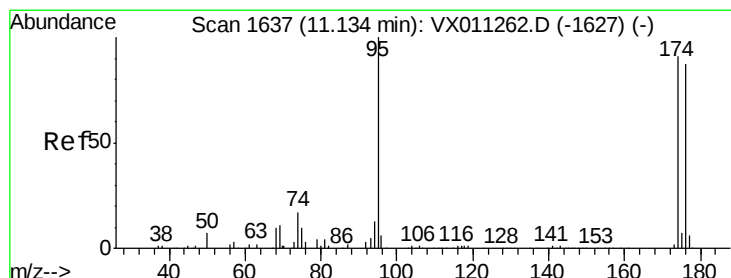
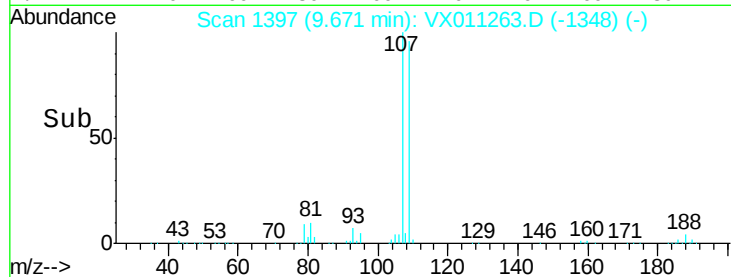
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 107.182 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

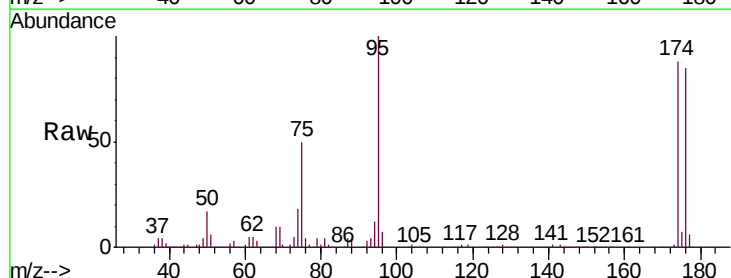
Tgt Ion: 95 Resp: 216934

Ion Ratio Lower Upper

95 100

174 93.3 0.0 191.2

176 89.8 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

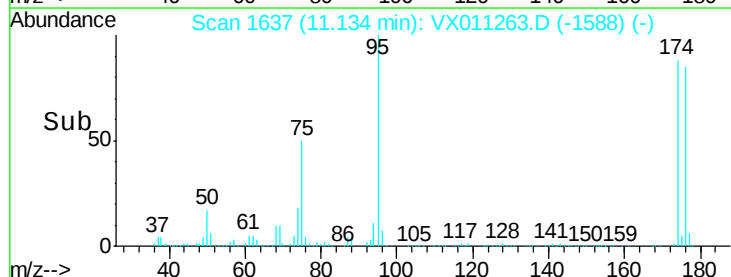
150000

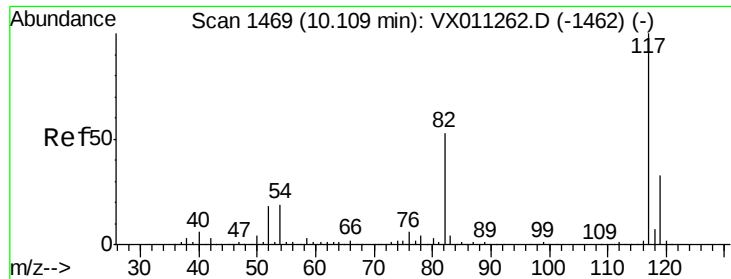
100000

50000

0

Time-->





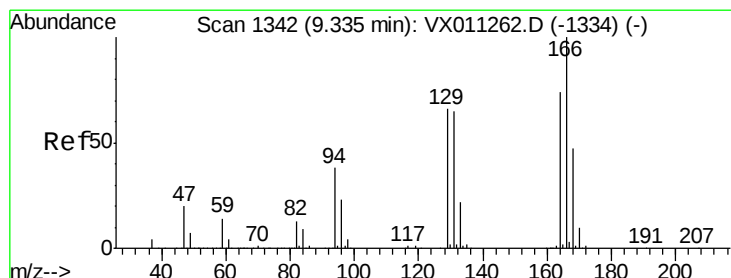
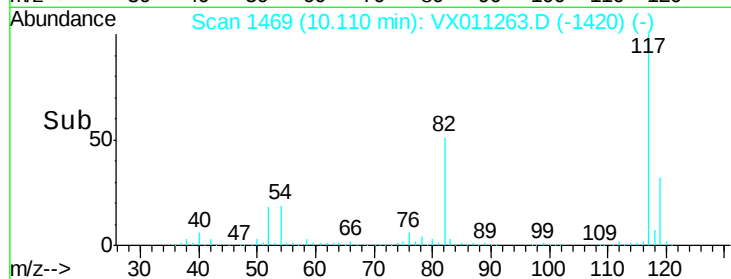
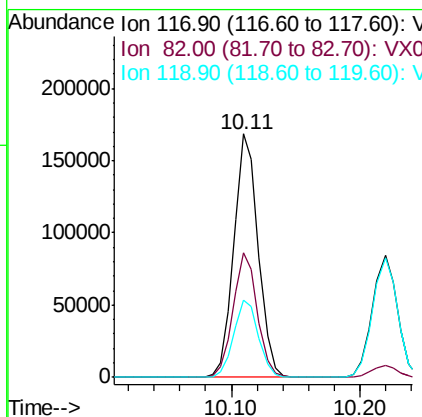
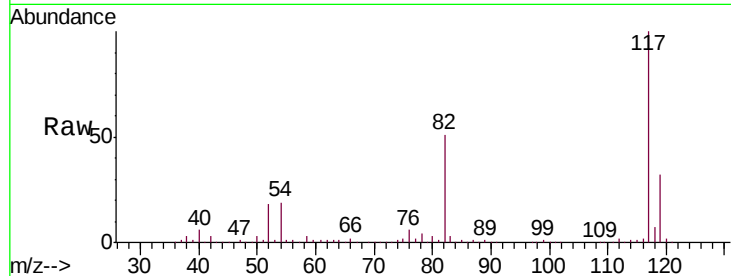
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	222181		
82	51.0	42.2	63.2	
119	31.7	26.6	39.8	

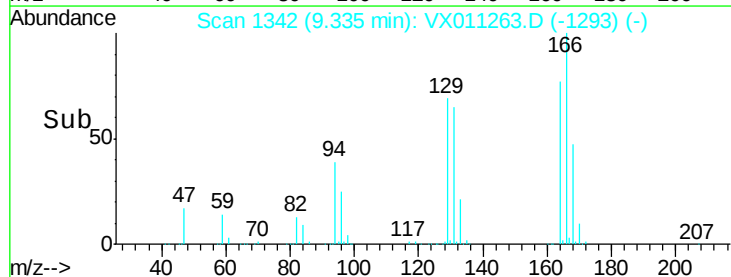
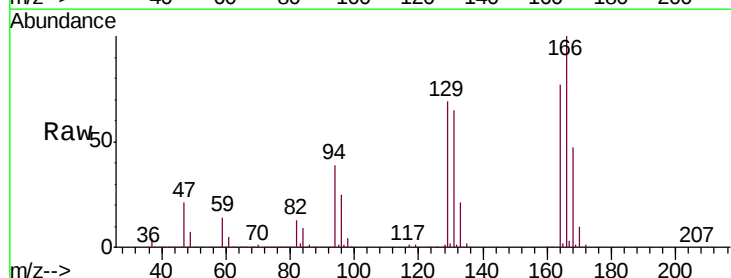
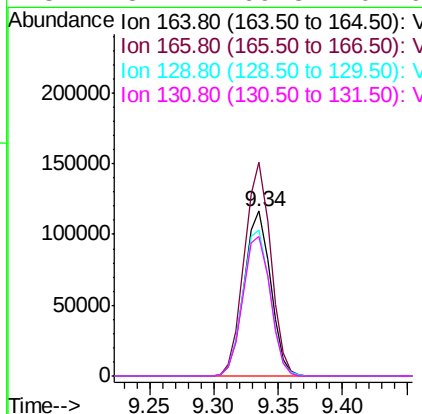
Manual Integrations
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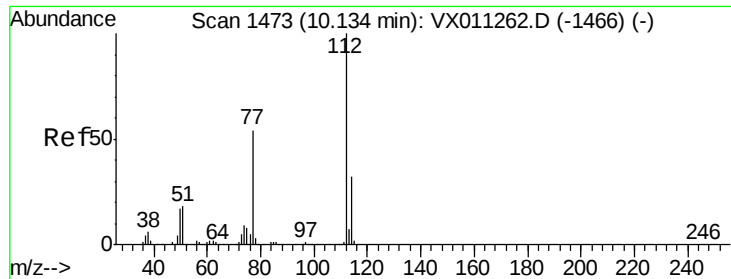
MMDadoda
8/2/2019 9:07:10 AM



#64
Tetrachloroethene
Concen: 93.110 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	165484		
166	129.5	107.5	161.3	
129	88.8	71.0	106.4	
131	84.4	69.8	104.6	





#65

Chlorobenzene

Concen: 97.202 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:112 Resp: 449898

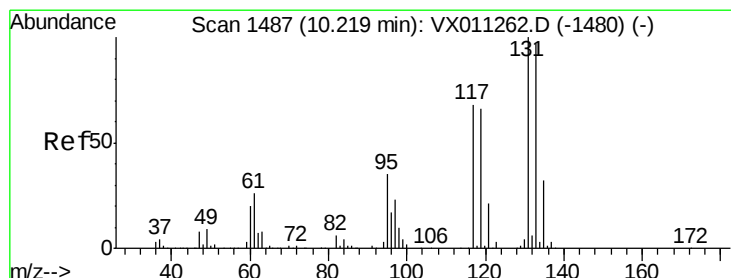
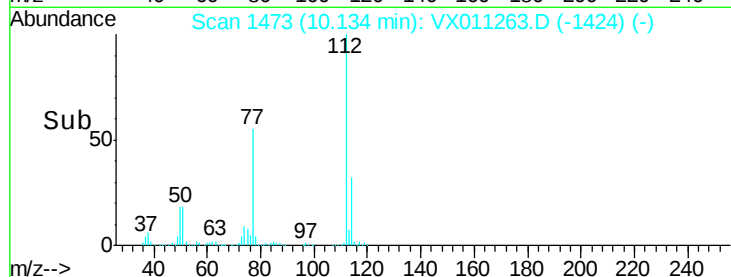
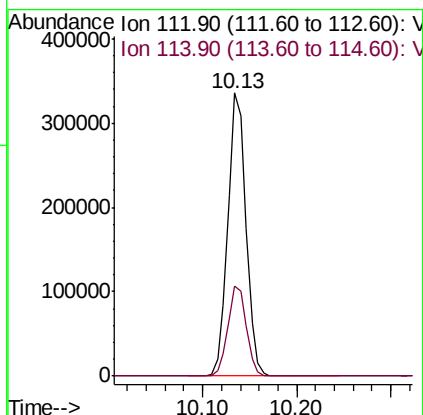
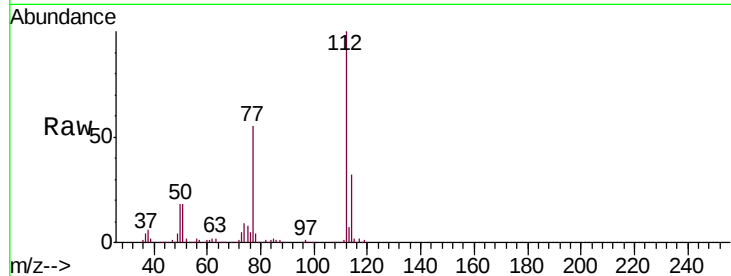
Ion Ratio Lower Upper

112 100

114 31.6 25.9 38.9

Manual Integrations
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8/2/2019 9:07:10 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 104.114 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

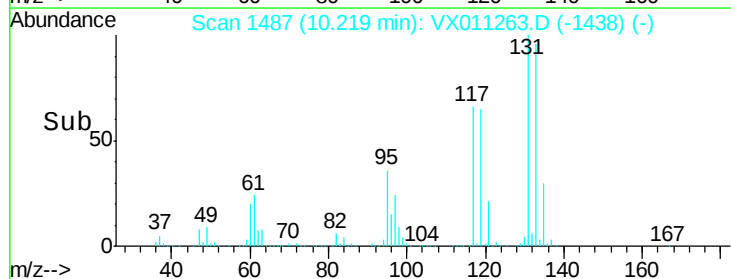
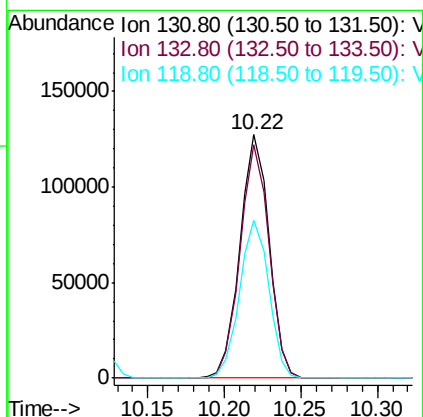
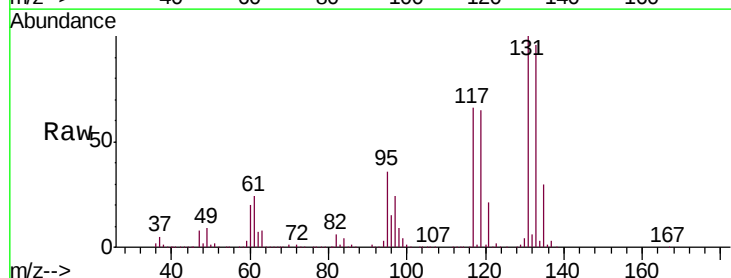
Tgt Ion:131 Resp: 168723

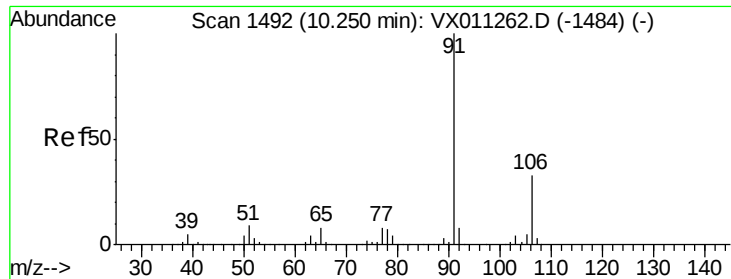
Ion Ratio Lower Upper

131 100

133 95.6 47.7 143.1

119 65.4 32.8 98.3





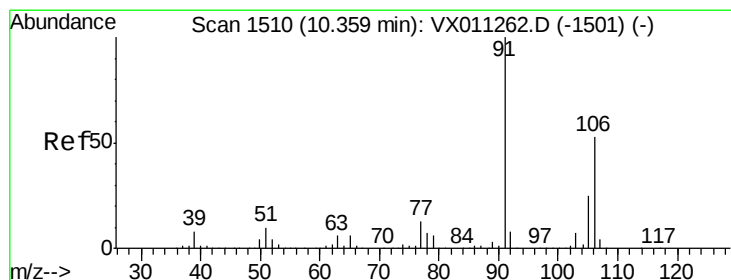
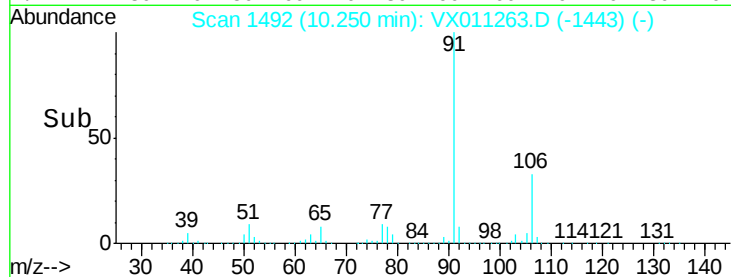
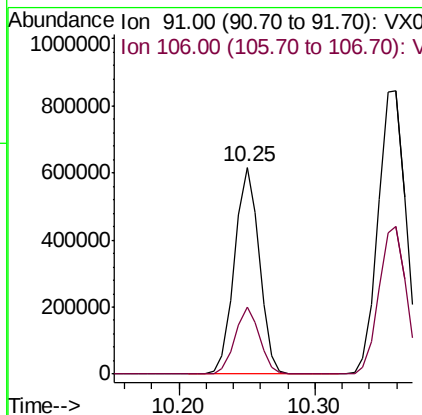
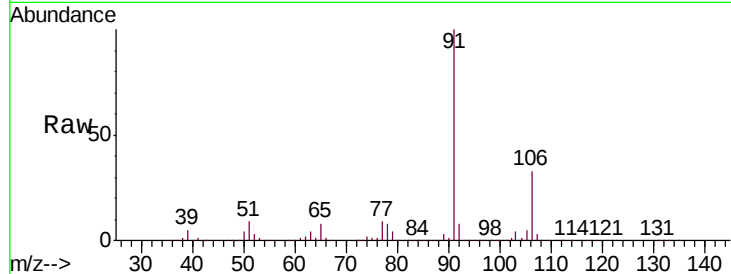
#67
Ethyl Benzene
Concen: 99.385 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 780285
Ion Ratio Lower Upper
91 100
106 32.5 26.2 39.4

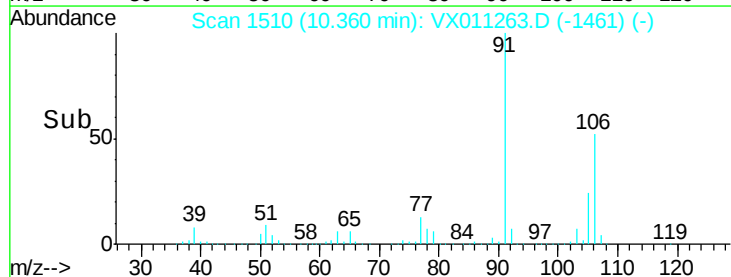
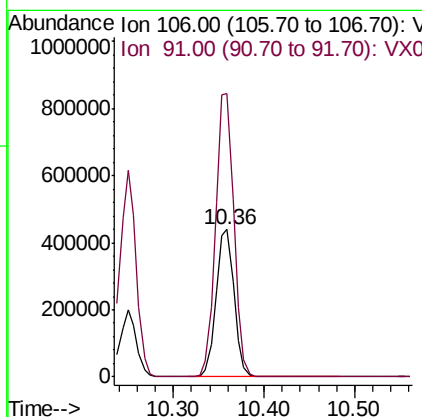
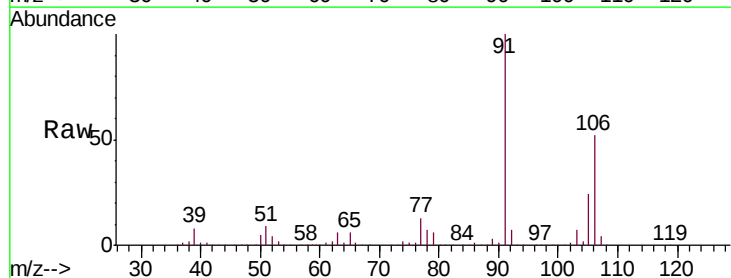
Manual Integrations
APPROVED

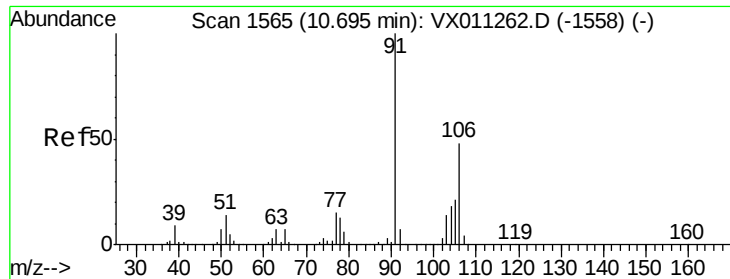
MMDadoda
8/2/2019 9:07:10 AM



#68
m/p-Xylenes
Concen: 201.720 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion: 106 Resp: 610625
Ion Ratio Lower Upper
106 100
91 195.4 155.9 233.9





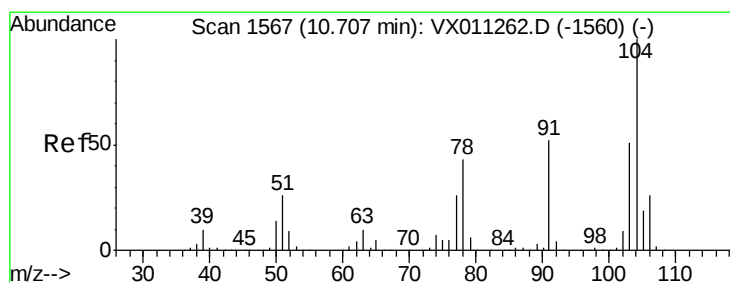
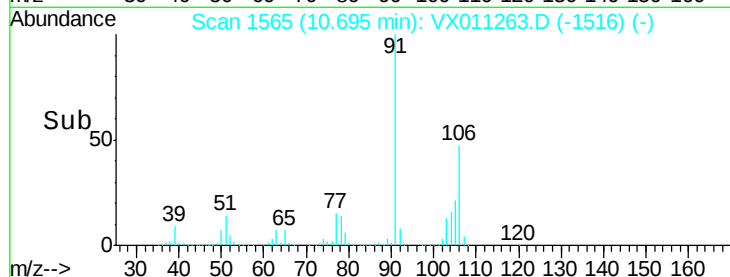
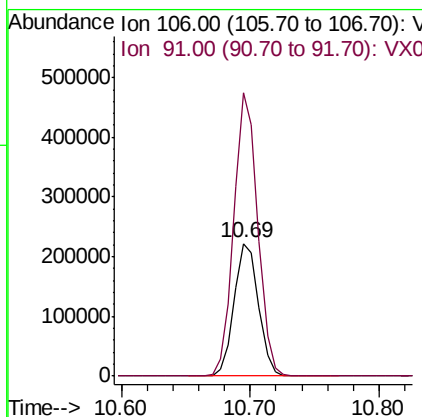
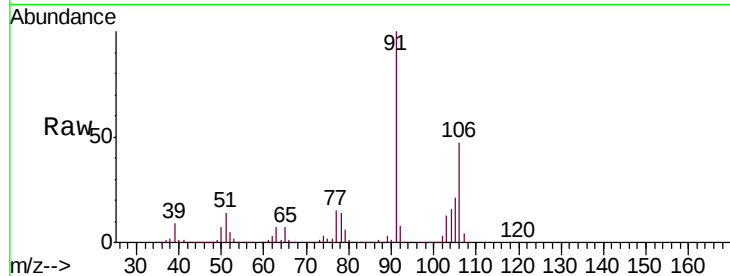
#69
o-Xylene
Concen: 100.152 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion:106 Resp: 294909
Ion Ratio Lower Upper
106 100
91 207.8 103.8 311.3

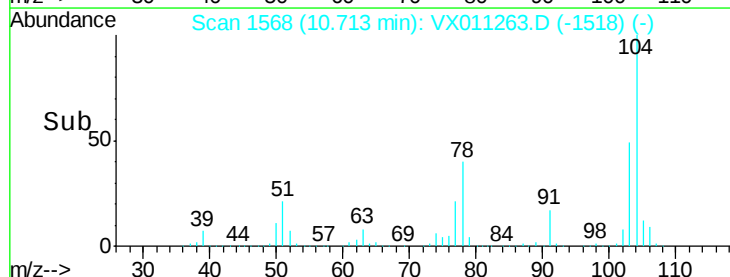
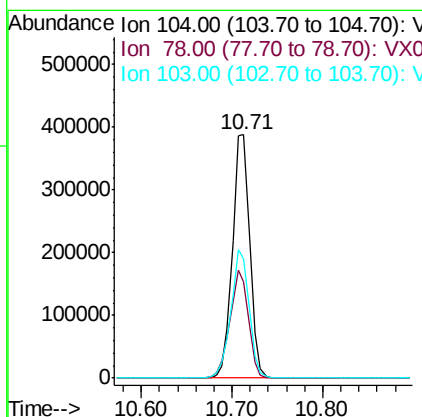
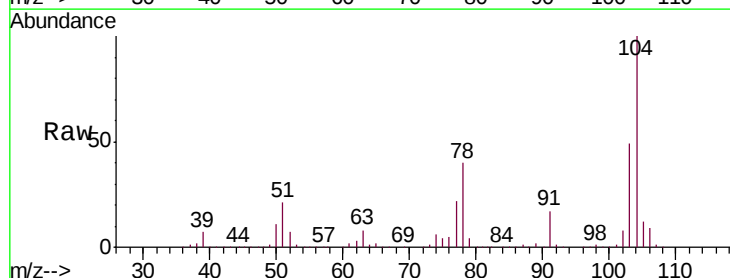
Manual Integrations
APPROVED

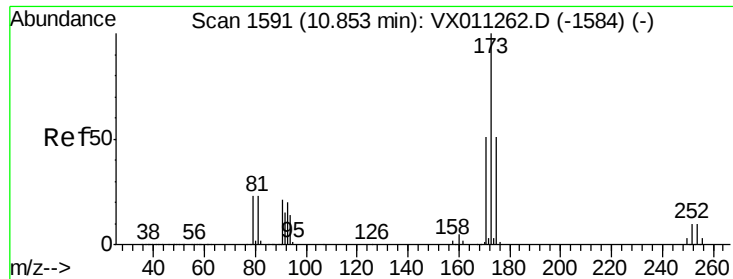
MMDadoda
8/2/2019 9:07:10 AM



#70
Styrene
Concen: 104.473 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion:104 Resp: 513582
Ion Ratio Lower Upper
104 100
78 47.5 36.9 55.3
103 55.5 44.4 66.6





#71

Bromoform

Concen: 113.212 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion:173 Resp: 146338

Ion Ratio Lower Upper

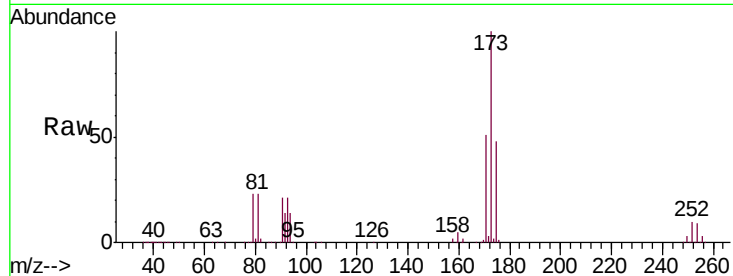
173 100

175 48.6 24.4 73.4

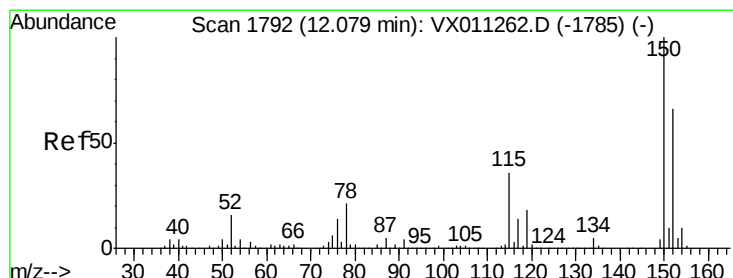
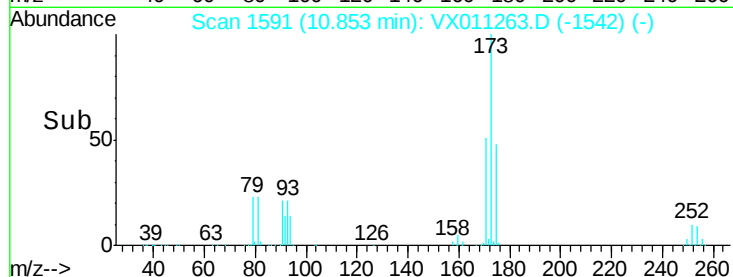
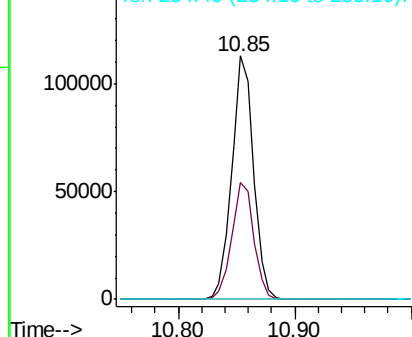
254 0.2 0.2 0.2

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

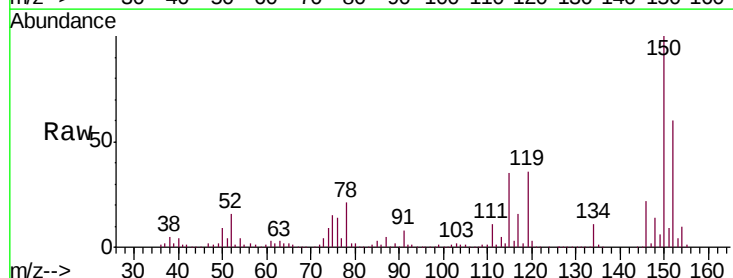
Tgt Ion:152 Resp: 118258

Ion Ratio Lower Upper

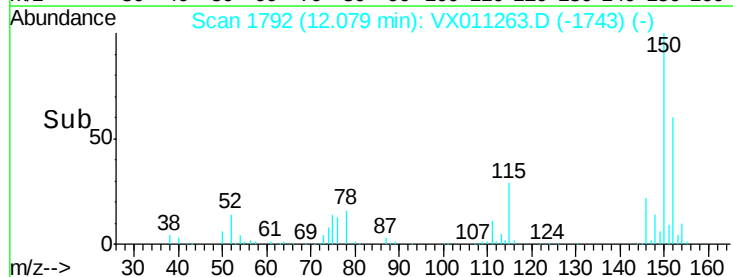
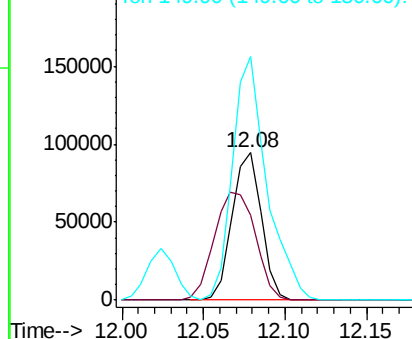
152 100

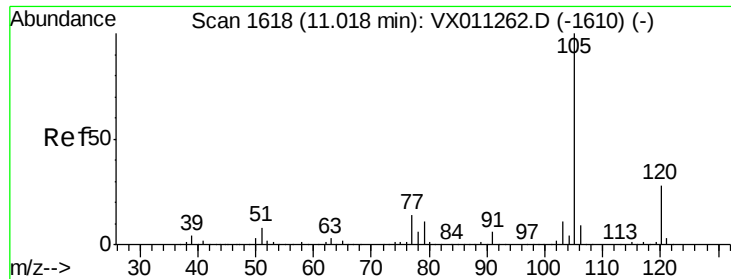
115 102.9 40.0 119.9

150 193.1 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 99.434 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 105 Resp: 802663

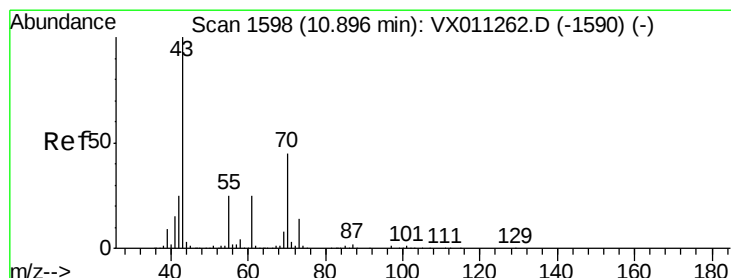
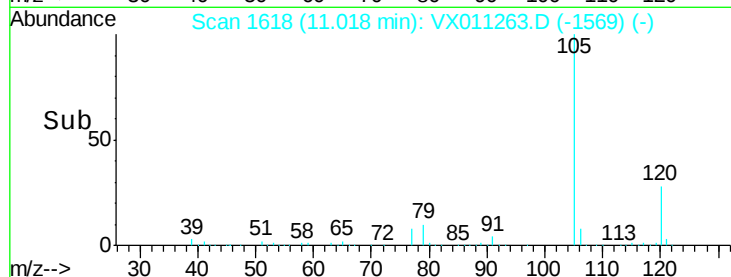
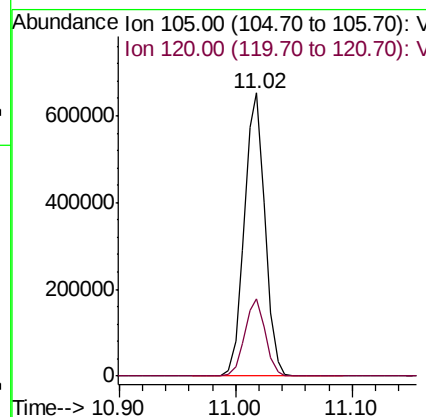
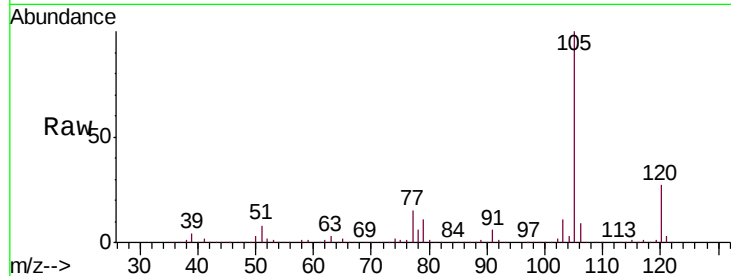
Ion Ratio Lower Upper

105 100

120 27.2 13.7 41.1

Manual Integrations
APPROVED

MMDadoda
8/2/2019 9:07:10 AM



#74

N-ethyl acetate

Concen: 100.737 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Tgt Ion: 43 Resp: 308949

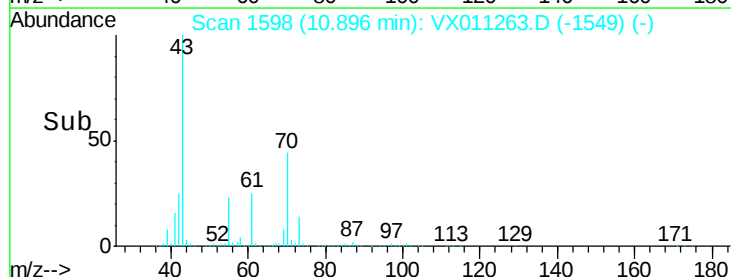
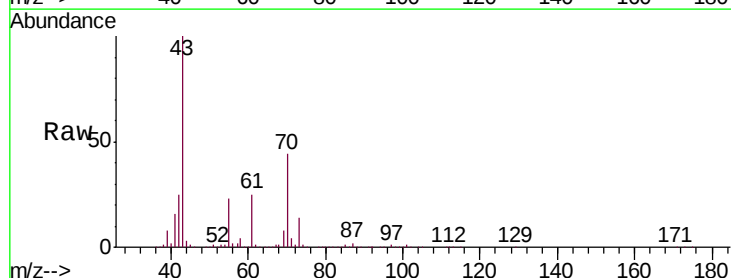
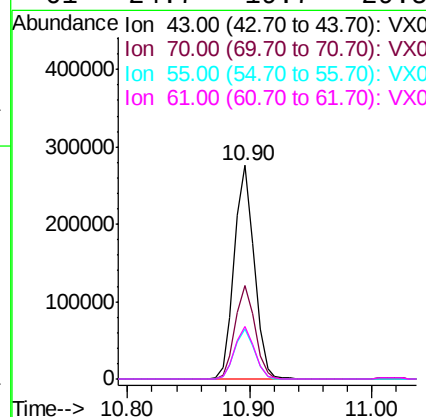
Ion Ratio Lower Upper

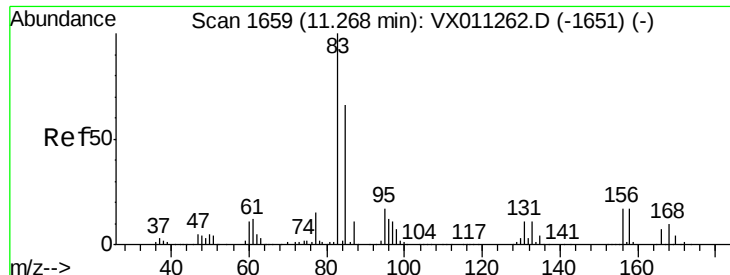
43 100

70 44.0 35.9 53.9

55 23.7 19.8 29.6

61 24.7 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 96.006 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion: 83 Resp: 253782
Ion Ratio Lower Upper

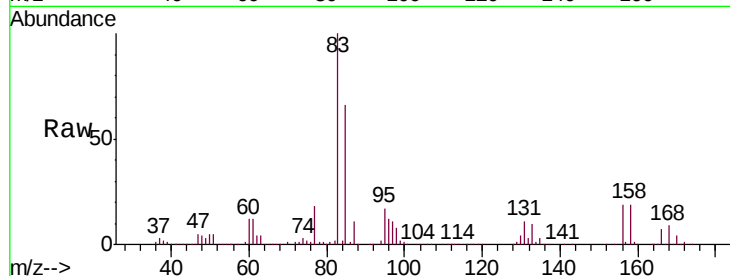
83 100

131 10.8 5.6 16.8

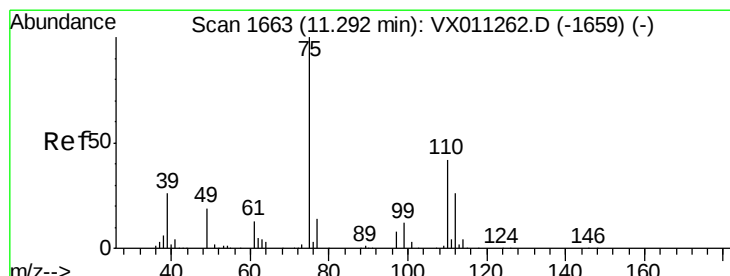
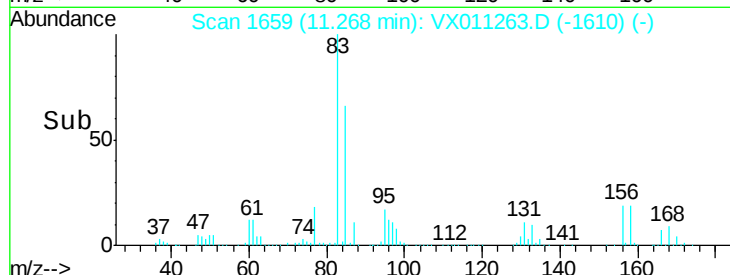
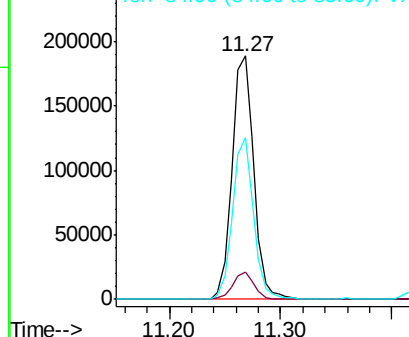
85 64.5 32.1 96.5

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 96.151 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

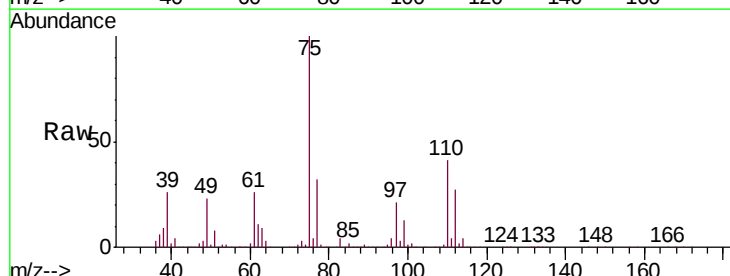
Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

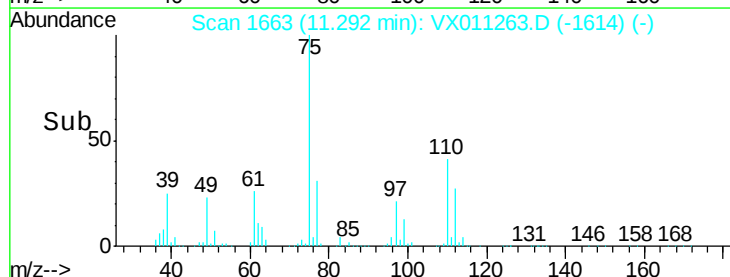
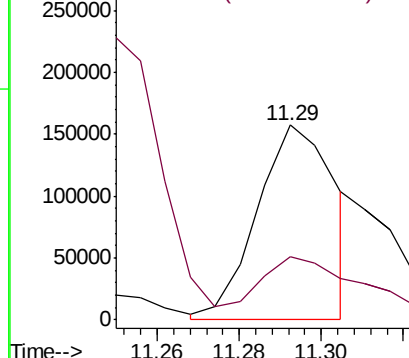
Tgt Ion: 75 Resp: 207106
Ion Ratio Lower Upper

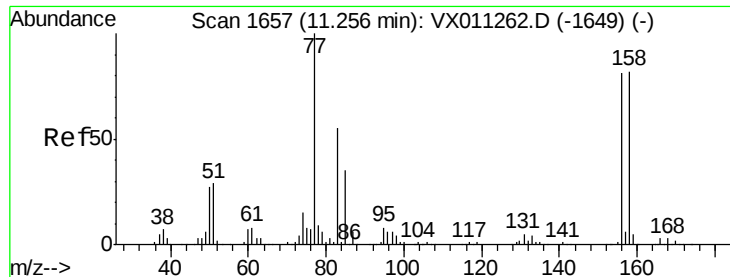
75 100

77 44.2 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 97.472 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 156 Resp: 217179

Ion Ratio Lower Upper

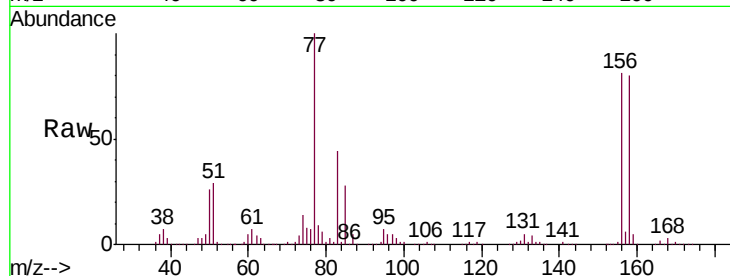
156 100

77 135.5 66.2 198.6

158 97.4 49.1 147.3

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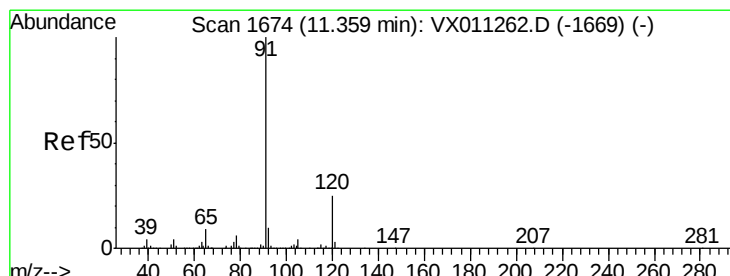
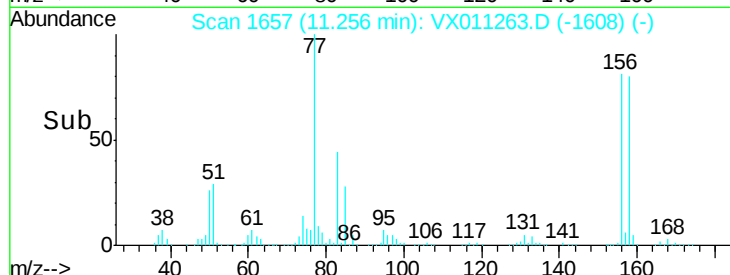
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

Time-->

Mass spectrum showing relative abundance (0 to 300,000) versus Time (11.20 to 11.30). Key peaks are labeled: 11.26, 11.30.



#78

n-propylbenzene

Concen: 102.101 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011263.D

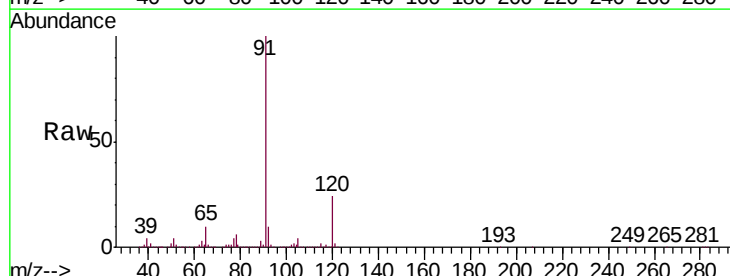
Acq: 01 Aug 2019 16:37

Tgt Ion: 91 Resp: 909685

Ion Ratio Lower Upper

91 100

120 24.1 12.4 37.0

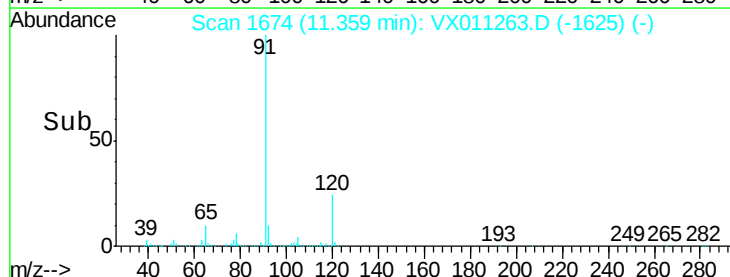


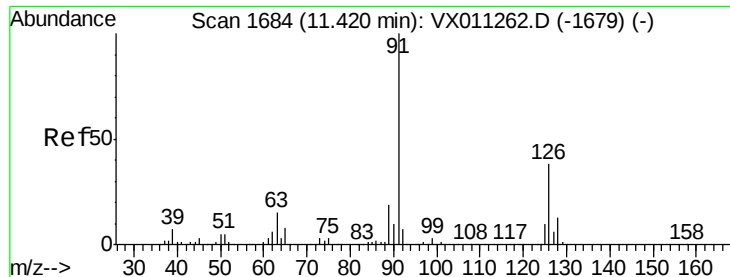
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

Time-->

Mass spectrum showing relative abundance (0 to 800,000) versus Time (11.30 to 11.40). Key peaks are labeled: 11.36.





#79

2-Chlorotoluene

Concen: 97.208 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion: 91 Resp: 518986

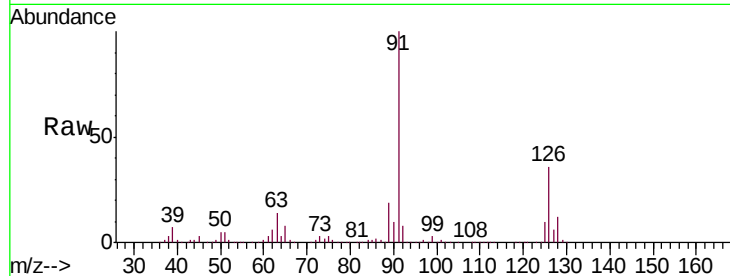
Ion Ratio Lower Upper

91 100

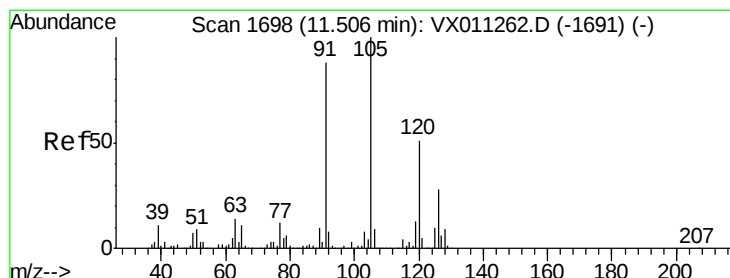
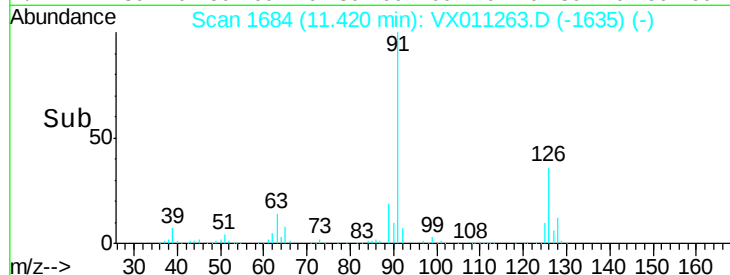
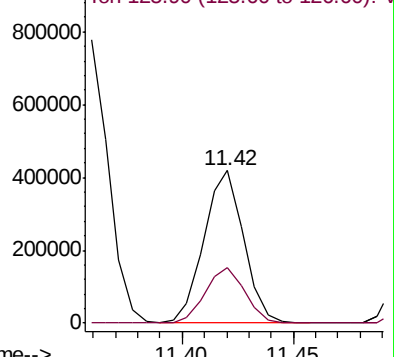
126 36.6 18.5 55.5

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Abundance Ion 91.00 (90.70 to 91.70): VX011263.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 100.862 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011263.D

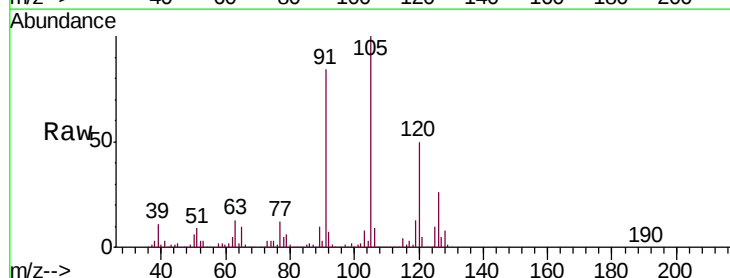
Acq: 01 Aug 2019 16:37

Tgt Ion: 105 Resp: 677430

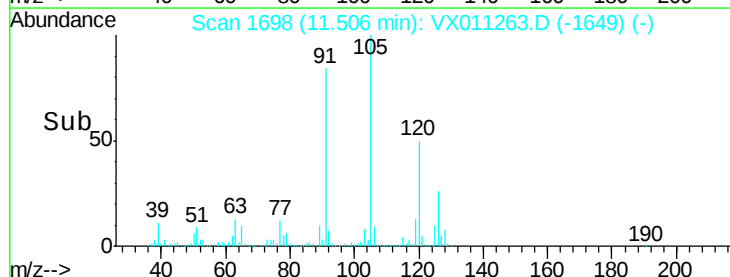
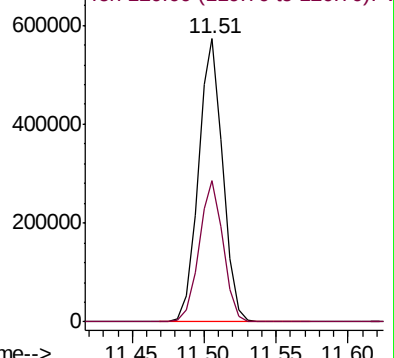
Ion Ratio Lower Upper

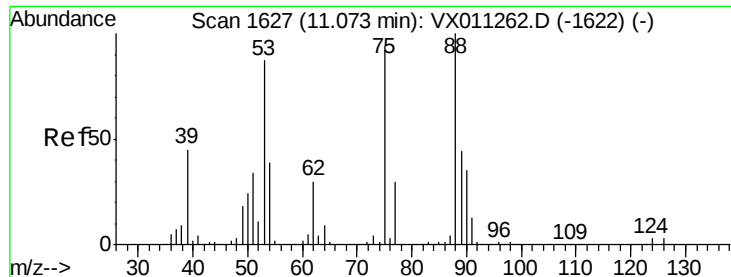
105 100

120 49.4 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VX011263.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 106.327 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

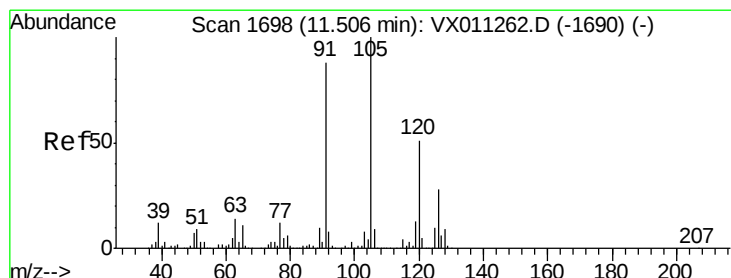
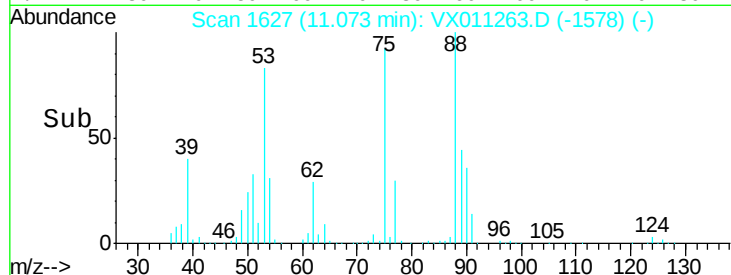
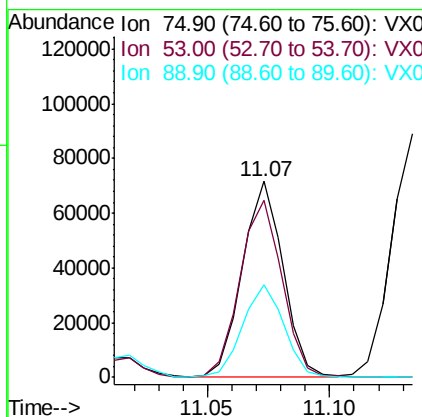
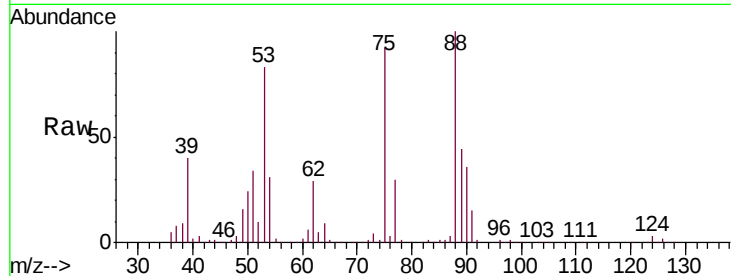
ClientSampleId :

VSTDIC100

Tgt Ion:	75	Resp:	82609
Ion	Ratio	Lower	Upper
75	100		
53	93.6	78.2	117.4
89	48.6	37.9	56.9

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#82

4-Chlorotoluene

Concen: 99.350 ug/l

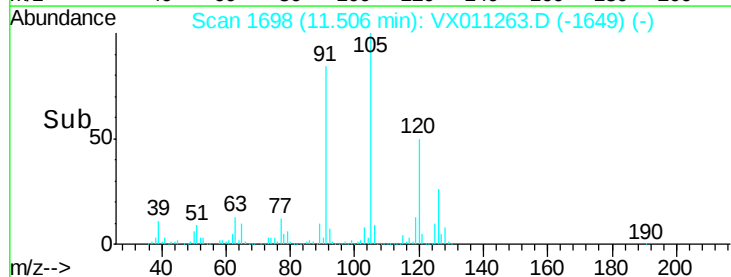
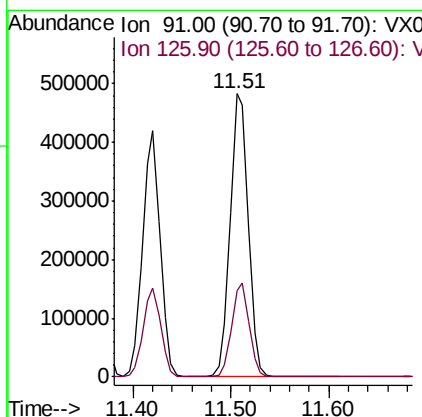
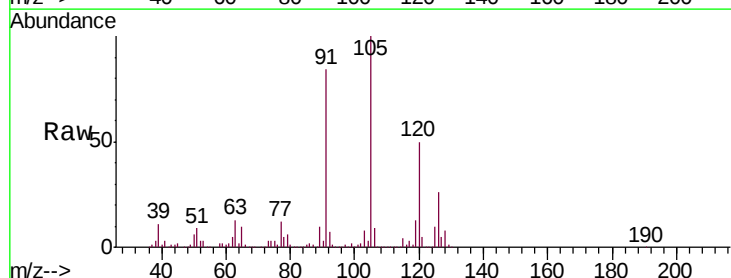
RT: 11.51 min Scan# 1698

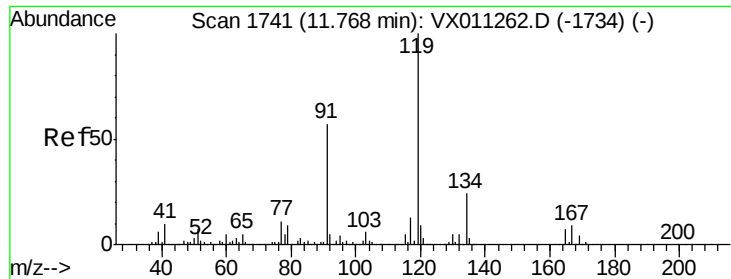
Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Tgt Ion:	91	Resp:	618342
Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.4	49.2





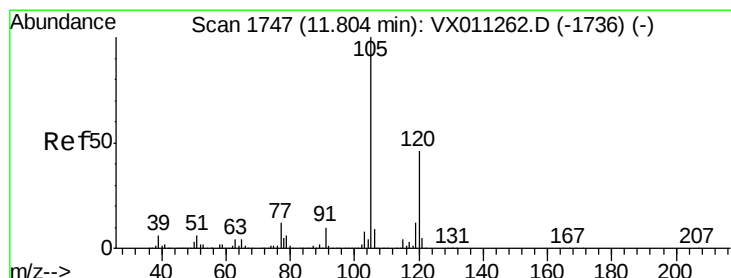
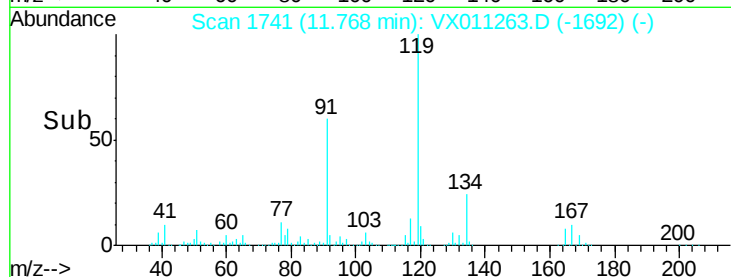
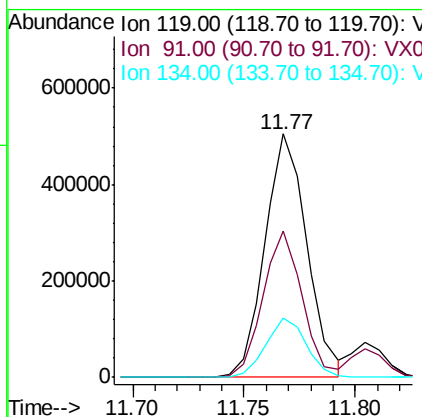
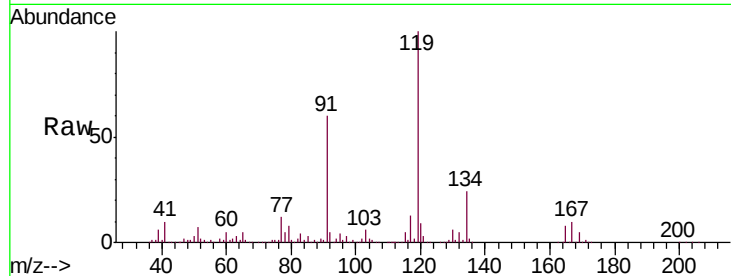
#83
tert-Butylbenzene
Concen: 99.769 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	660192		
91	56.5	28.0	84.0	
134	23.5	11.9	35.5	

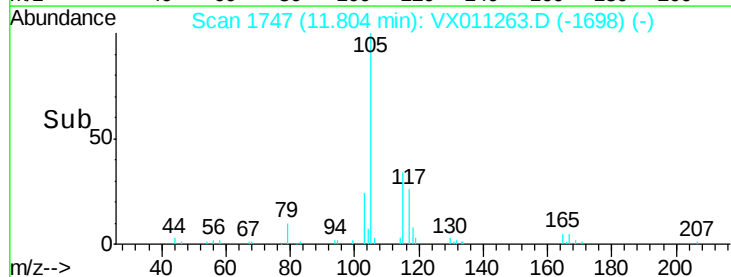
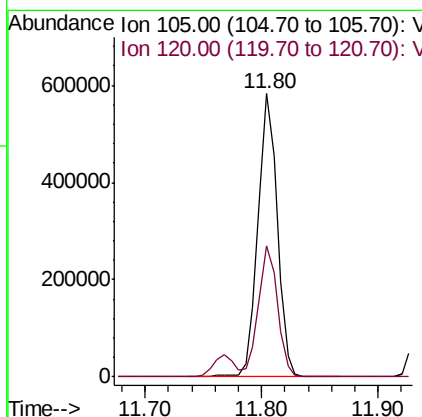
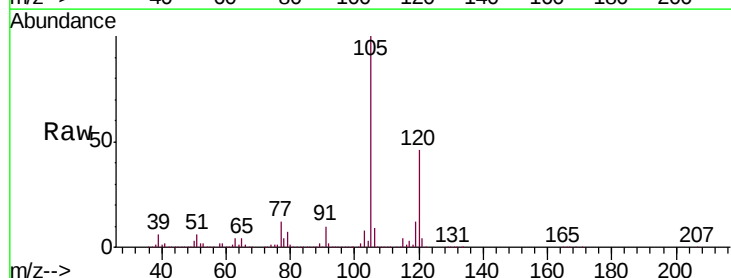
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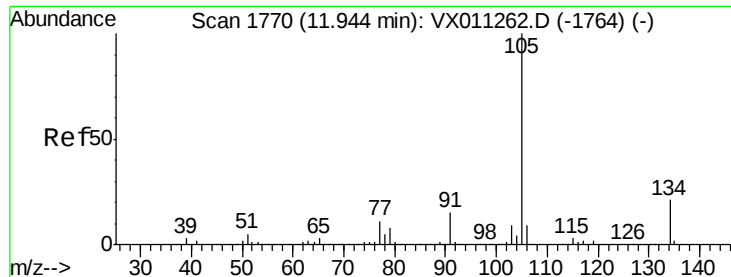
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#84
1,2,4-Trimethylbenzene
Concen: 100.150 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	680480		
120	46.1	23.0	69.0	





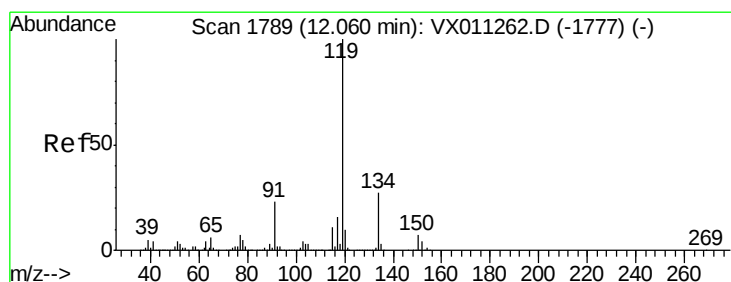
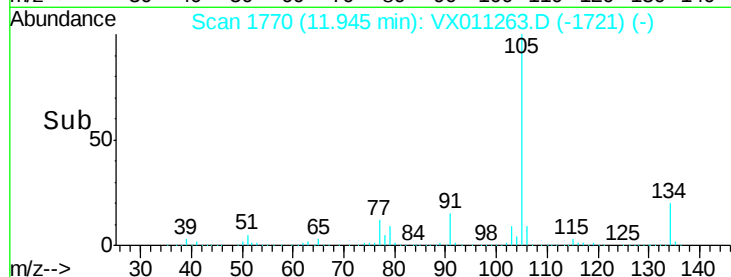
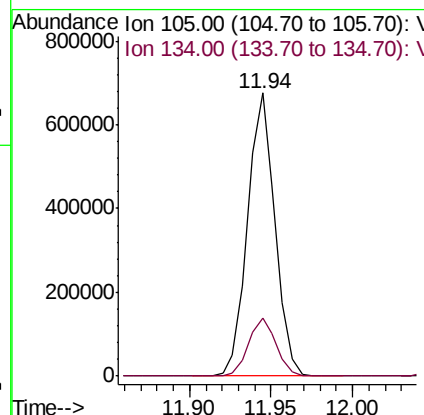
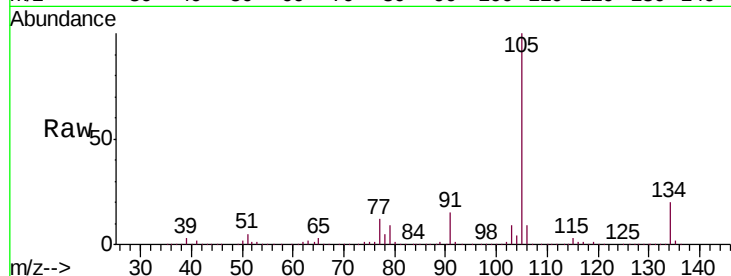
#85
 sec-Butylbenzene
 Concen: 101.785 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	790422		
134	20.7	10.4	31.4	

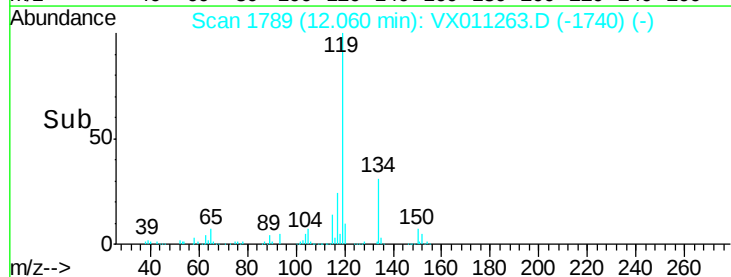
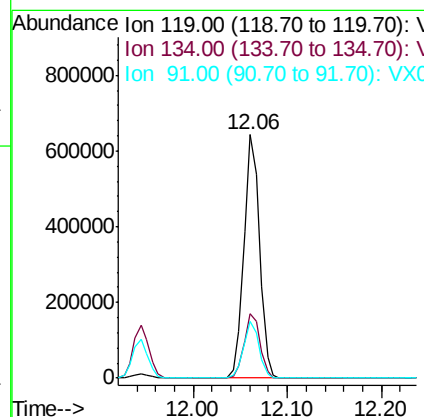
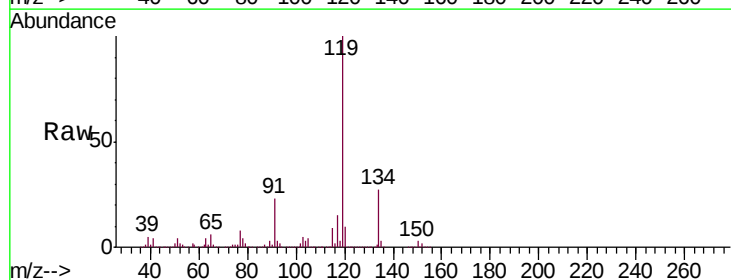
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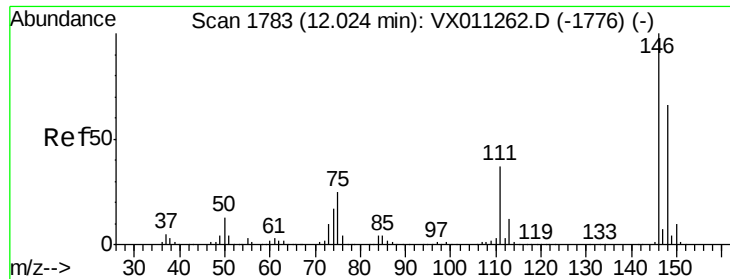
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#86
 p-Isopropyltoluene
 Concen: 103.144 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	741177		
134	27.0	13.7	41.0	
91	22.9	11.4	34.2	





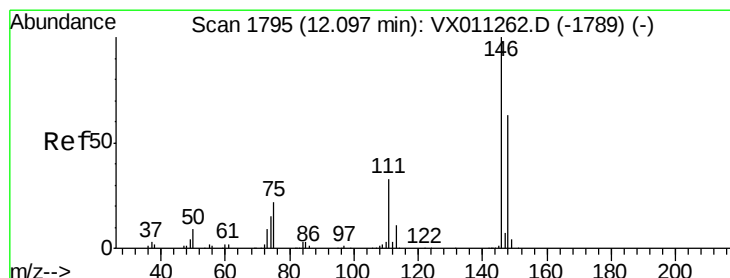
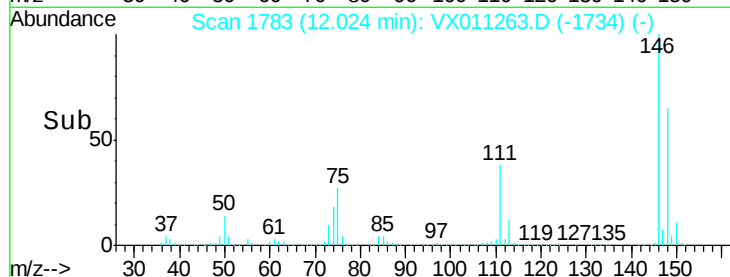
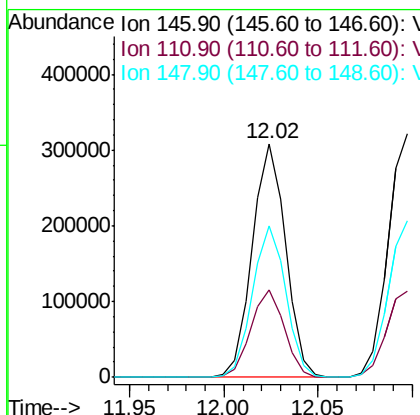
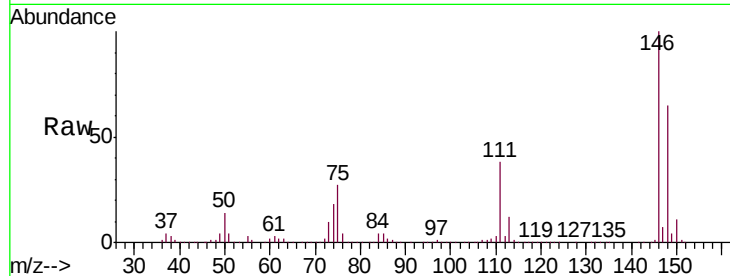
#87
 1,3-Dichlorobenzene
 Concen: 97.930 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	64.5	32.5	97.5

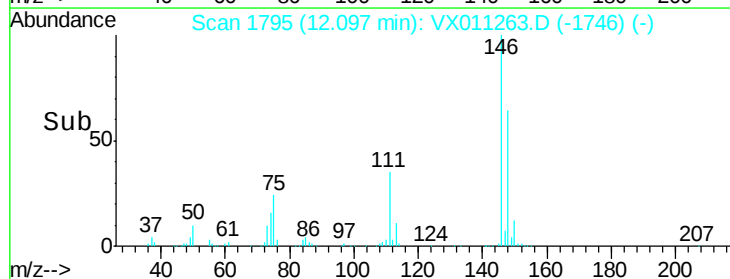
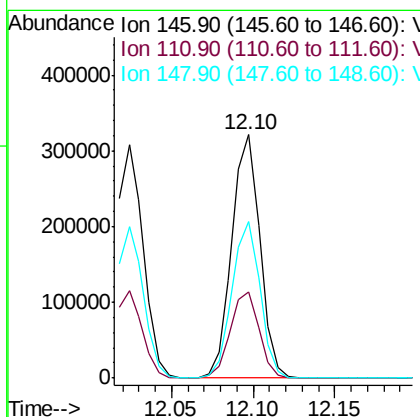
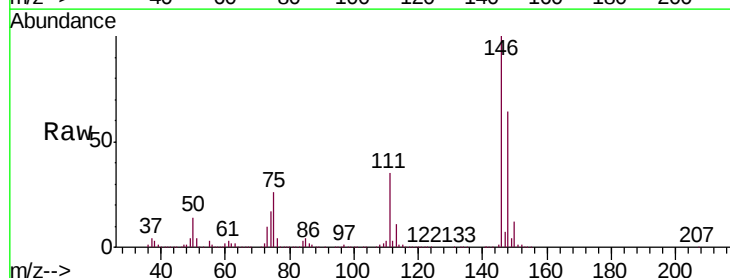
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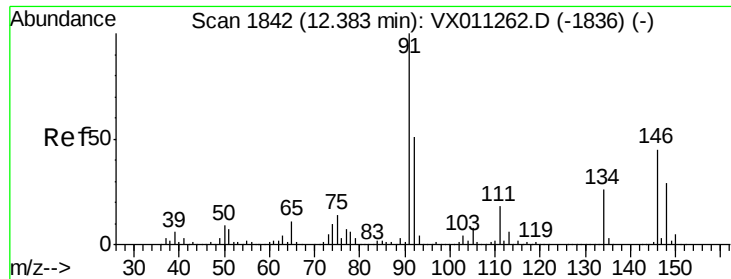
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#88
 1,4-Dichlorobenzene
 Concen: 97.080 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	17.8	53.4
148	64.1	31.8	95.3





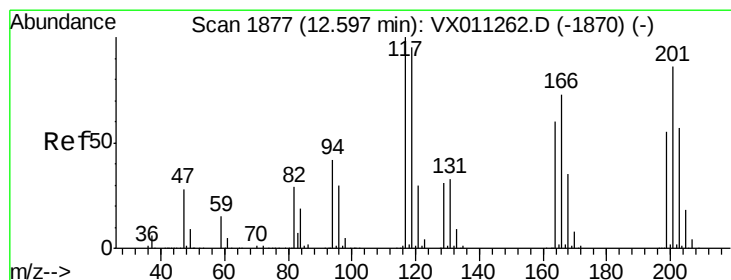
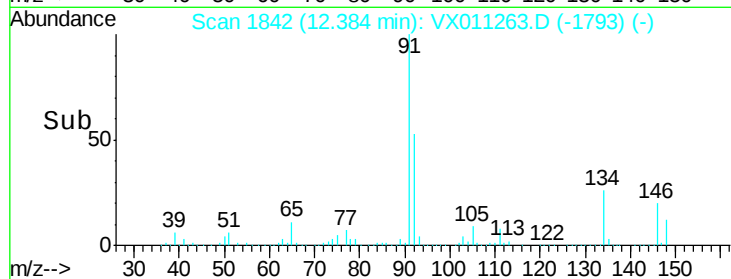
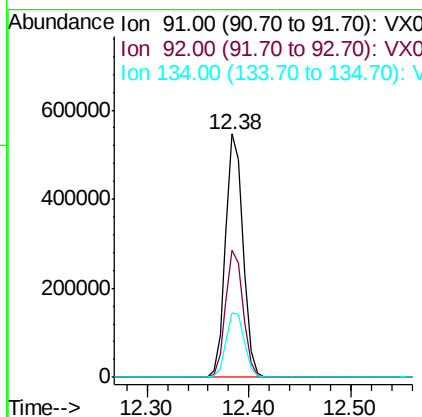
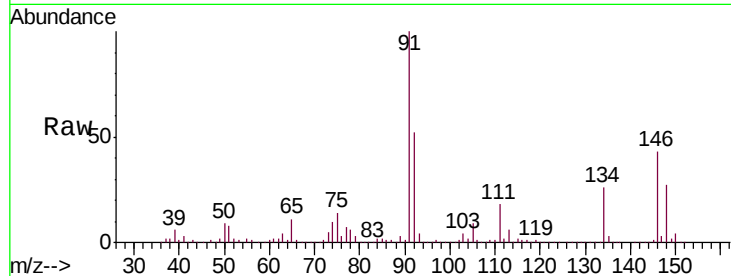
#89
n-Butylbenzene
Concen: 105.396 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 647829
Ion Ratio Lower Upper
91 100
92 52.5 25.8 77.3
134 27.5 13.7 41.0

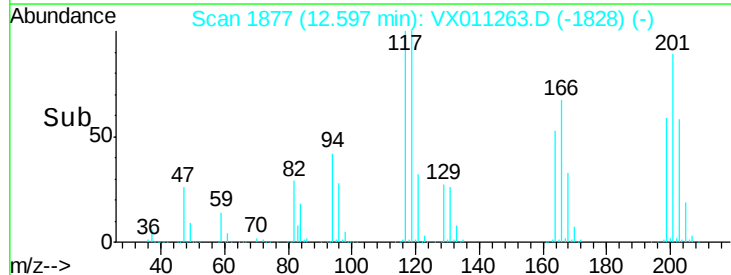
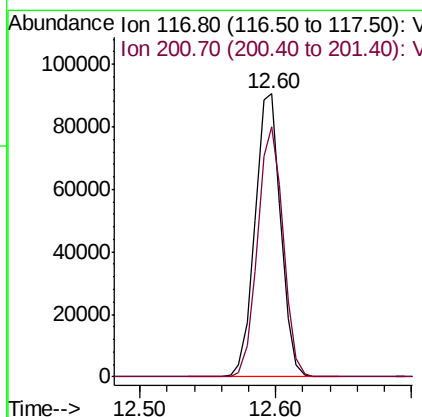
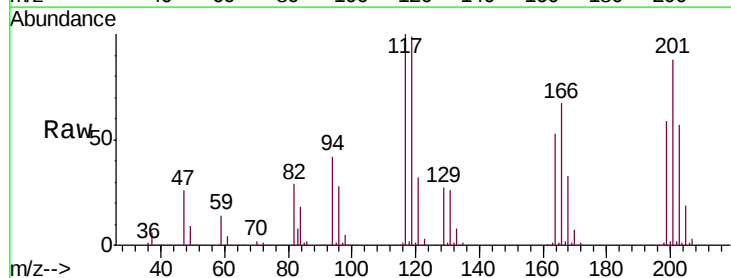
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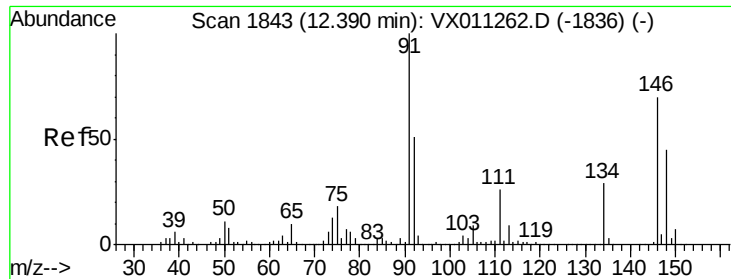
MMDadoda
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#90
Hexachloroethane
Concen: 106.809 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion: 117 Resp: 120518
Ion Ratio Lower Upper
117 100
201 87.8 41.8 125.4





#91

1,2-Dichlorobenzene

Concen: 96.752 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Instrument :

MSVOA_X

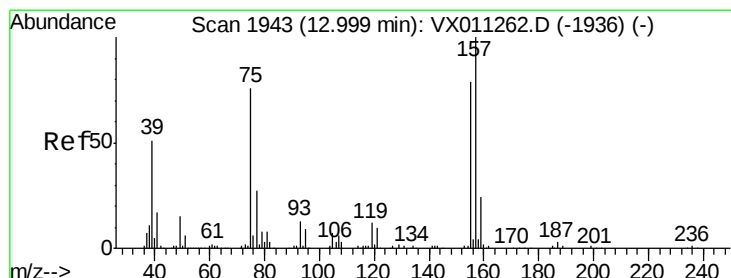
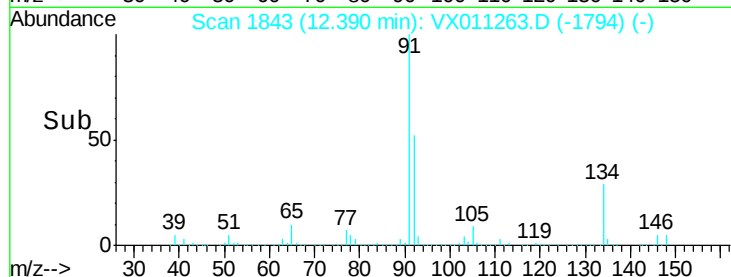
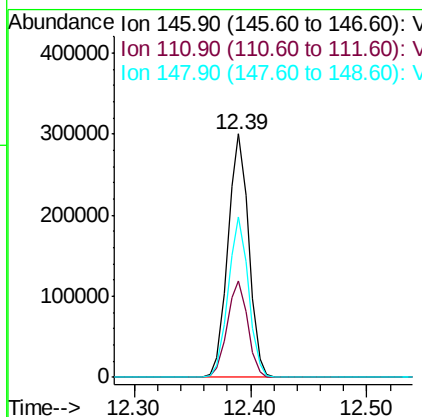
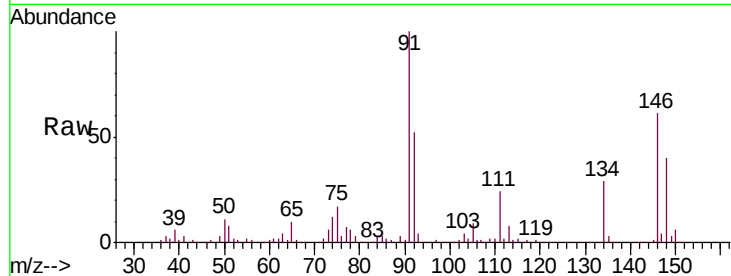
ClientSampleId :

VSTDIC100

Tgt Ion:	146	Resp:	372230
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.1	57.1
148	64.2	32.3	96.8

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#92

1,2-Dibromo-3-Chloropropane

Concen: 99.902 ug/l

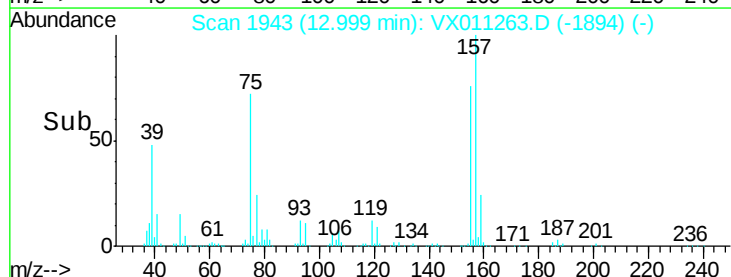
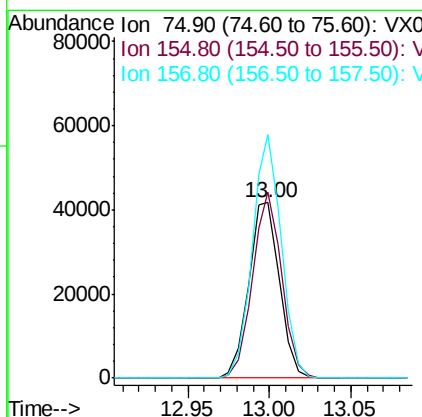
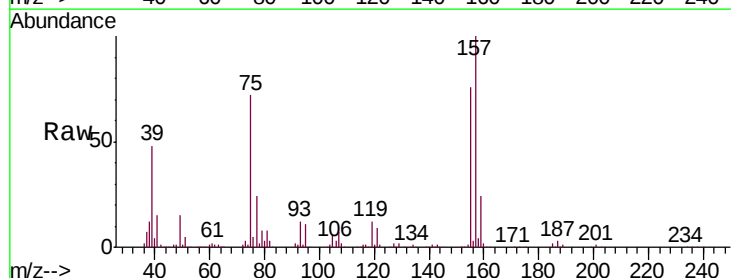
RT: 13.00 min Scan# 1943

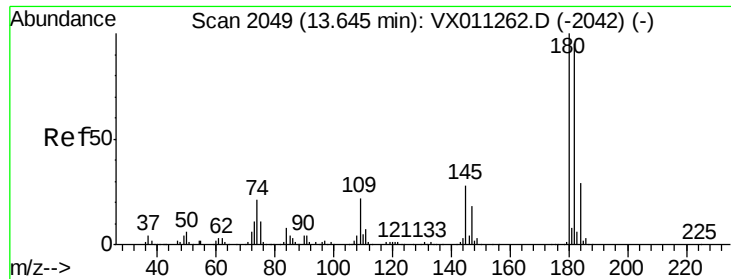
Delta R.T. 0.00 min

Lab File: VX011263.D

Acq: 01 Aug 2019 16:37

Tgt Ion:	75	Resp:	54687
Ion Ratio	Lower	Upper	
75	100		
155	100.1	51.9	155.8
157	130.6	64.3	192.7





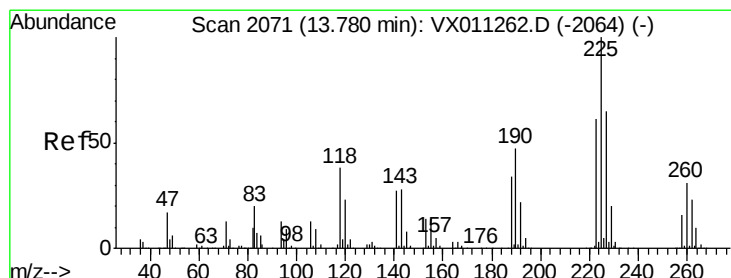
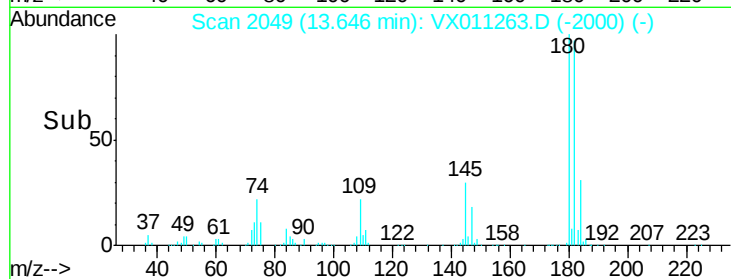
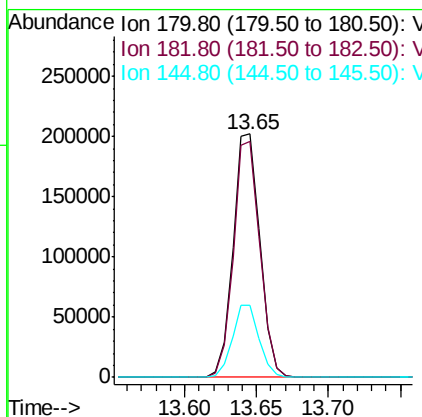
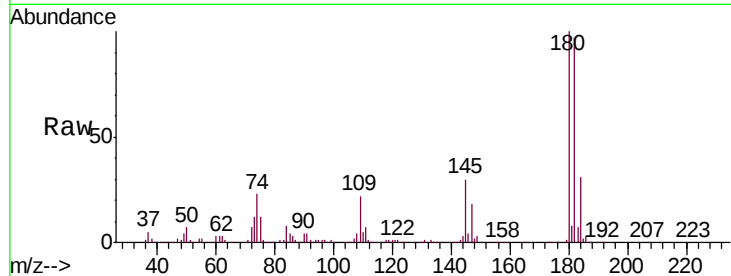
#93
 1,2,4-Trichlorobenzene
 Concen: 100.920 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	262360		
182	96.1	47.8	143.4	
145	29.8	14.8	44.3	

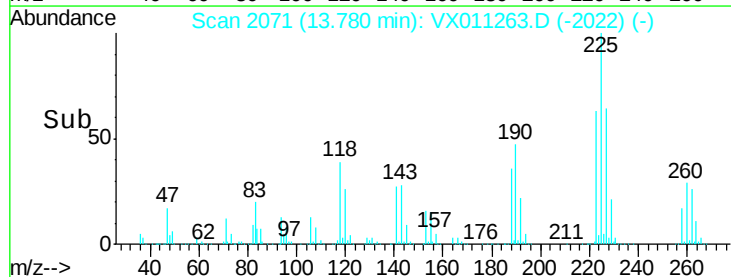
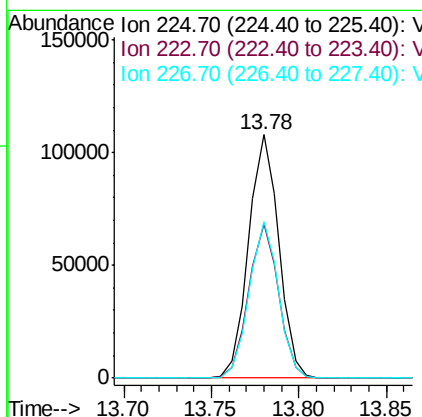
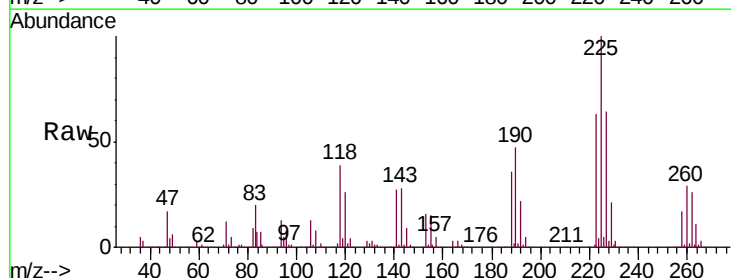
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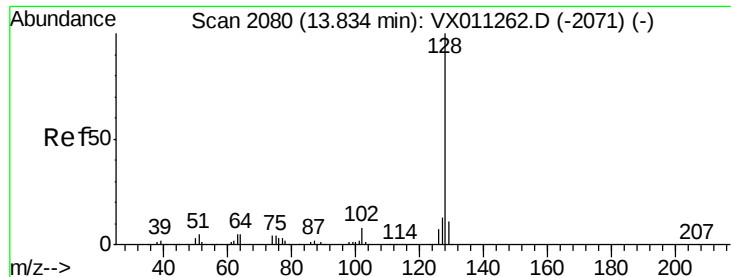
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#94
 Hexachlorobutadiene
 Concen: 100.167 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011263.D
 Acq: 01 Aug 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	129522		
223	62.8	31.0	93.0	
227	62.1	32.2	96.6	





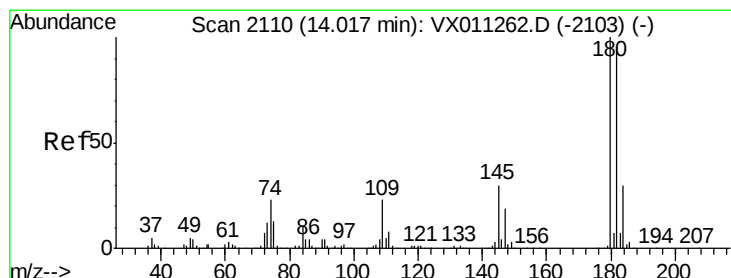
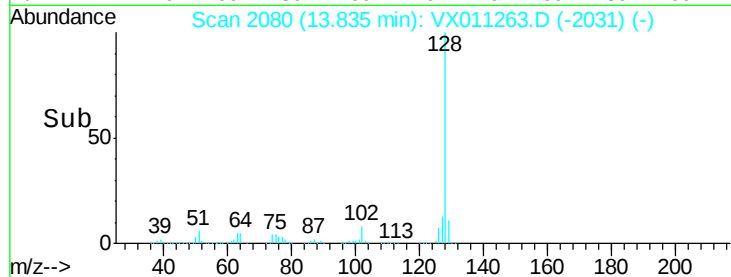
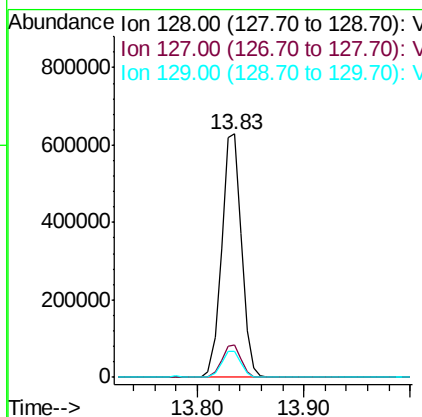
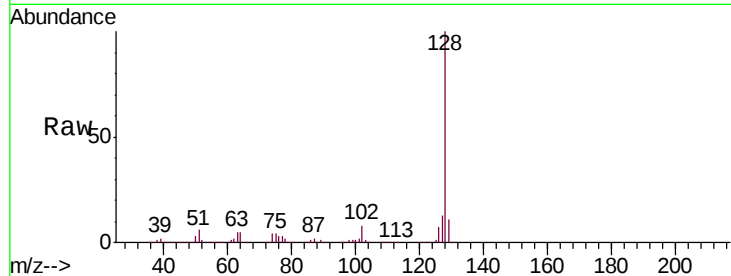
#95
Naphthalene
Concen: 106.037 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	814726		
127	13.1	10.4	15.6	
129	10.9	8.9	13.3	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 103.030 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011263.D
Acq: 01 Aug 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	267060		
182	94.8	47.4	142.3	
145	30.7	15.2	45.6	

