

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080219\
 Data File : VX011301.D
 Acq On : 02 Aug 2019 13:46
 Operator : JC/SP
 Sample : VX0802MBSD01
 Misc : 5.00µg/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2019 12:11:27 PM

Quant Time: Aug 03 06:41:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	150547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	222320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	203710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	79035	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	5.49	113	72053	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	8.71	98	277582	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.13	95	95973	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	21646	18.616	ug/l	96
3) Chloromethane	1.32	50	25405	19.457	ug/l	99
4) Vinyl Chloride	1.40	62	27836	19.381	ug/l	99
5) Bromomethane	1.63	94	22397	21.865	ug/l	98
6) Chloroethane	1.71	64	18684	19.410	ug/l	99
7) Trichlorofluoromethane	1.92	101	48697	19.069	ug/l	99
8) Diethyl Ether	2.18	74	17110	18.763	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26201	18.962	ug/l	99
10) Methyl Iodide	2.50	142	30797	17.678	ug/l	100
11) Tert butyl alcohol	3.04	59	33482	110.763	ug/l	100
12) 1,1-Dichloroethene	2.37	96	27002	19.713	ug/l	98
13) Acrolein	2.29	56	17585	93.333	ug/l	98
14) Allyl chloride	2.72	41	34754	19.032	ug/l	97
15) Acrylonitrile	3.14	53	72537	100.545	ug/l	97
16) Acetone	2.43	43	62152	86.127	ug/l	94
17) Carbon Disulfide	2.56	76	57596	17.919	ug/l	100
18) Methyl Acetate	2.76	43	32946	19.978	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	78571	19.465	ug/l	99
20) Methylene Chloride	2.85	84	29792	18.851	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	27540	19.007	ug/l	95
22) Diisopropyl ether	3.85	45	77929	19.418	ug/l	98
23) Vinyl Acetate	3.81	43	326531	98.096	ug/l	99
24) 1,1-Dichloroethane	3.69	63	46324	19.575	ug/l	97
25) 2-Butanone	4.67	43	99369	96.802	ug/l	98
26) 2,2-Dichloropropane	4.58	77	32916	17.893	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	31968	19.155	ug/l	98
28) Bromochloromethane	5.01	49	22481	20.838	ug/l	99
29) Tetrahydrofuran	5.12	42	62786	99.754	ug/l	99
30) Chloroform	5.20	83	49253	19.149	ug/l	99
31) Cyclohexane	5.57	56	37091	18.998	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	41364	18.773	ug/l	98
36) 1,1-Dichloropropene	5.79	75	35493	18.285	ug/l	98
37) Ethyl Acetate	4.82	43	36969	18.987	ug/l	98
38) Carbon Tetrachloride	5.79	117	35448	18.152	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	39677	17.245	ug/l	96
40) Benzene	6.13	78	111962	19.330	ug/l	96
41) Methacrylonitrile	5.03	41	20617	19.389	ug/l	96
42) 1,2-Dichloroethane	6.19	62	37382	19.086	ug/l	97
43) Isopropyl Acetate	6.44	43	58003	18.633	ug/l	99
44) Trichloroethene	7.21	130	32659	18.628	ug/l	97
45) 1,2-Dichloropropane	7.51	63	28144	18.762	ug/l	99
46) Dibromomethane	7.66	93	20133	18.385	ug/l	98
47) Bromodichloromethane	7.89	83	33699	18.176	ug/l	95
48) Methyl methacrylate	7.77	41	27456	18.742	ug/l	96
49) 1,4-Dioxane	7.73	88	16454	387.425	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	197062	98.094	ug/l	99
52) Toluene	8.78	92	72606	18.959	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	34030	17.704	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	40142	18.534	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	30186	19.171	ug/l	96
56) Ethyl methacrylate	9.18	69	41927	18.685	ug/l	98
57) 1,3-Dichloropropane	9.37	76	47780	19.187	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	105471	95.596	ug/l	100
59) 2-Hexanone	9.49	43	153054	98.362	ug/l	99
60) Dibromochloromethane	9.58	129	28079	17.418	ug/l	99
61) 1,2-Dibromoethane	9.67	107	31594	18.572	ug/l	99
64) Tetrachloroethene	9.34	164	32761	18.937	ug/l	98
65) Chlorobenzene	10.13	112	82272	18.836	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	28456	19.030	ug/l	98
67) Ethyl Benzene	10.25	91	137652	18.818	ug/l	95
68) m/p-Xylenes	10.35	106	109169	38.583	ug/l	99
69) o-Xylene	10.69	106	52309	18.816	ug/l	100
70) Styrene	10.71	104	89116	19.373	ug/l	99
71) Bromoform	10.85	173	20218	17.100	ug/l #	99
73) Isopropylbenzene	11.02	105	139724	19.370	ug/l	100
74) N-amyl acetate	10.90	43	50723	19.461	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	47123	19.603	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	38362m	19.973	ug/l	
77) Bromobenzene	11.25	156	38465	19.230	ug/l	99
78) n-propylbenzene	11.36	91	153999	19.198	ug/l	100
79) 2-Chlorotoluene	11.42	91	91684	19.176	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	116802	19.343	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	10462	17.756	ug/l #	86
82) 4-Chlorotoluene	11.51	91	105224	18.884	ug/l	100
83) tert-Butylbenzene	11.77	119	114039	19.256	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	116257	19.338	ug/l	99
85) sec-Butylbenzene	11.94	105	135856	19.093	ug/l	99
86) p-Isopropyltoluene	12.06	119	124802	19.066	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	68336	19.336	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	67794	18.603	ug/l	98
89) n-Butylbenzene	12.38	91	103395	18.334	ug/l	100
90) Hexachloroethane	12.59	117	16765	17.323	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	68277	19.227	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9311	19.993	ug/l	89

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44948	19.086	ug/l	96
94) Hexachlorobutadiene	13.78	225	21789	18.236	ug/l	100
95) Naphthalene	13.83	128	134258	19.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	45755	19.111	ug/l	99

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

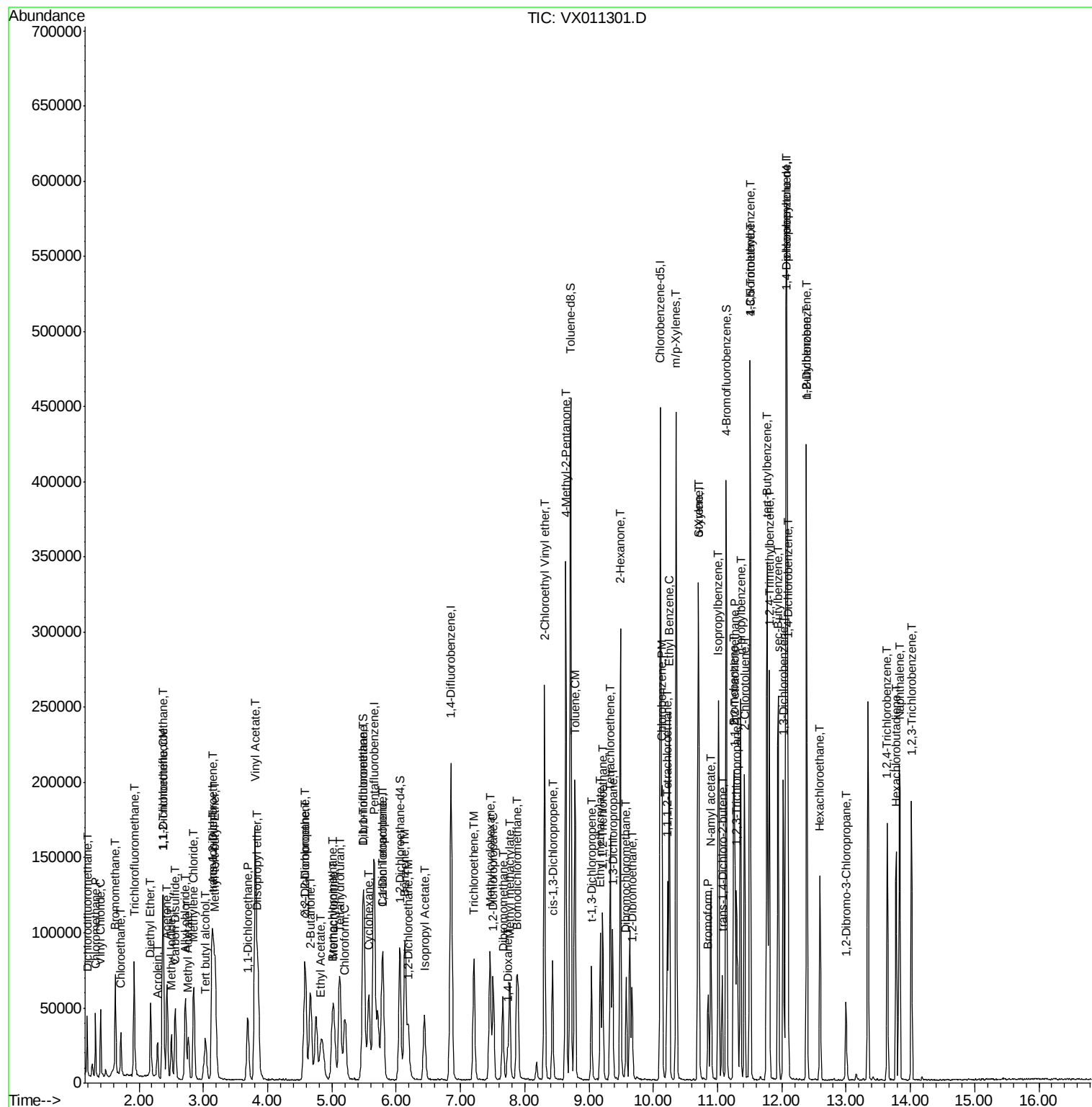
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080219\
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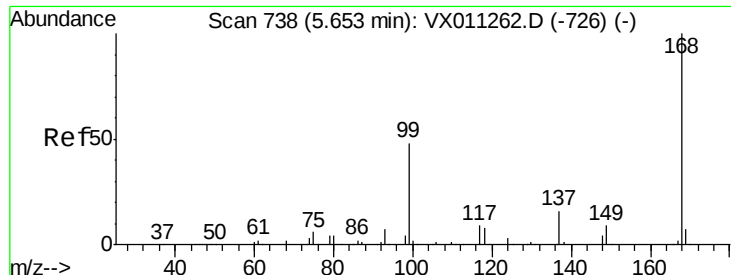
Instrument :
MSVOA_X
ClientSampleID :
VX0802MBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

Tot Ion:168 Resp: 150547

Ion Ratio Lower Upper

168 100

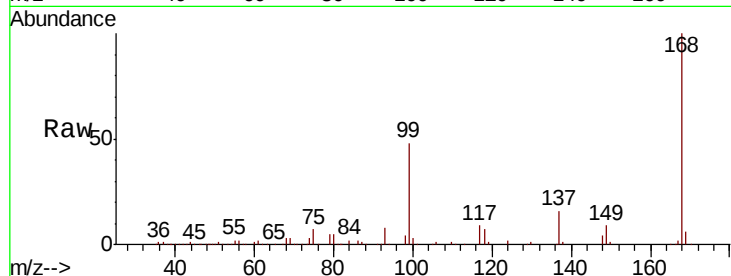
99 47.5 38.5 57.7

Manual Integrations

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8/6/2019 12:11:27 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

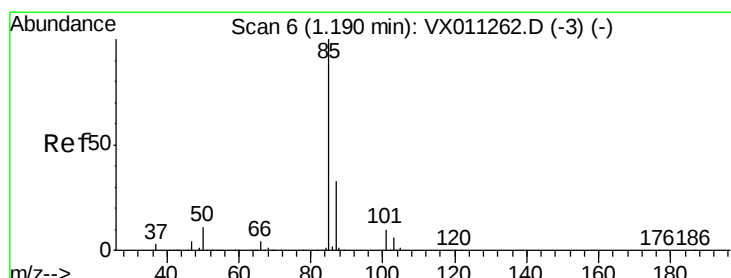
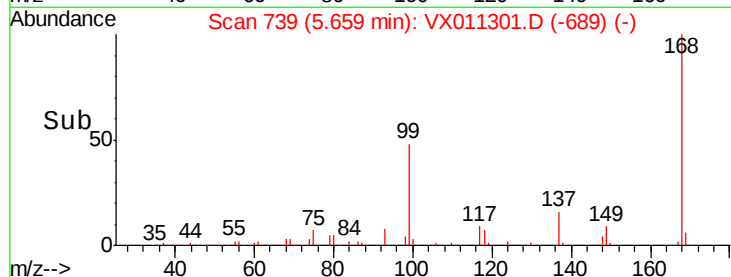
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.616 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011301.D

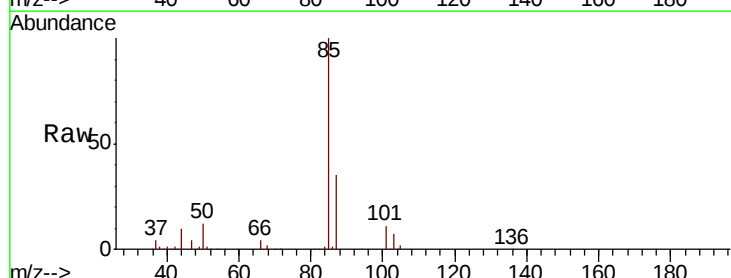
Acq: 02 Aug 2019 13:46

Tgt Ion: 85 Resp: 21646

Ion Ratio Lower Upper

85 100

87 35.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

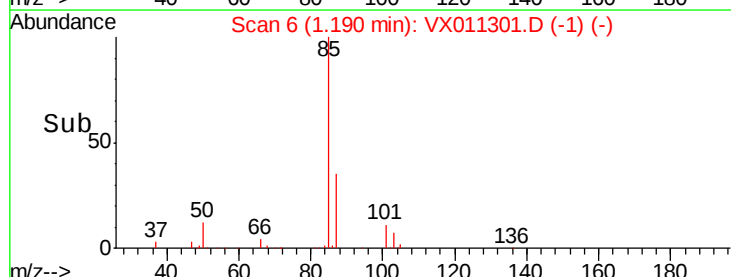
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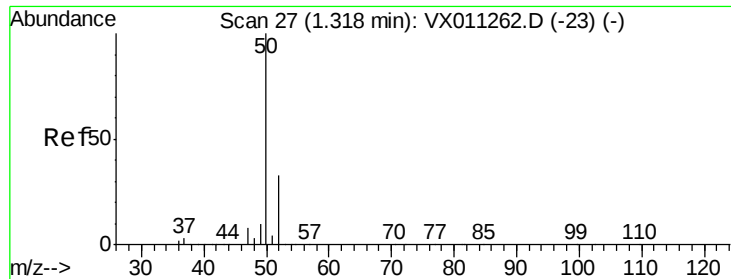
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 19.457 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBS01

Tot Ion: 50 Resp: 25405

Ion Ratio Lower Upper

50 100

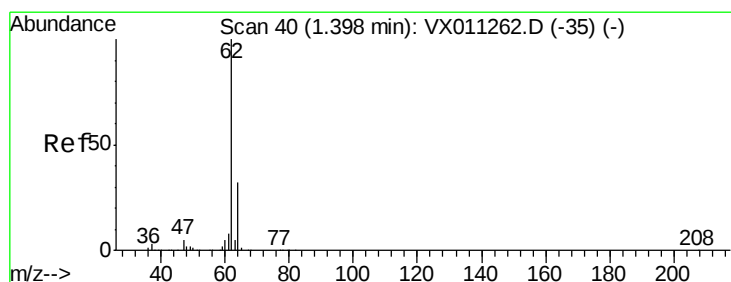
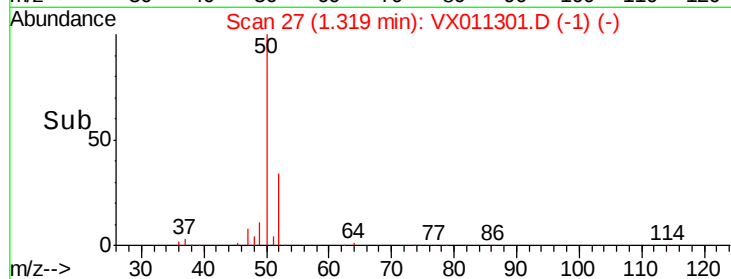
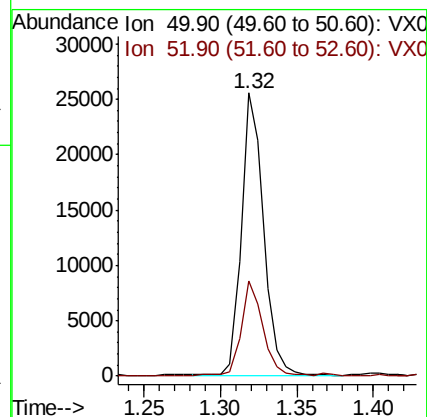
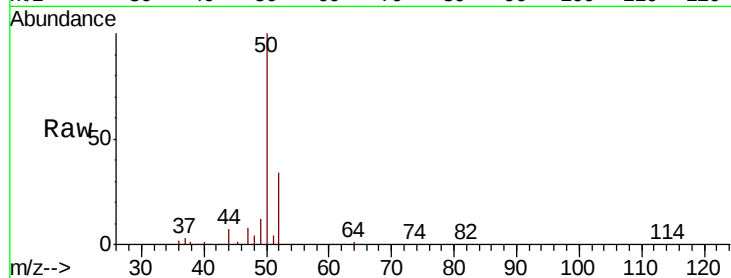
52 33.8 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.381 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011301.D

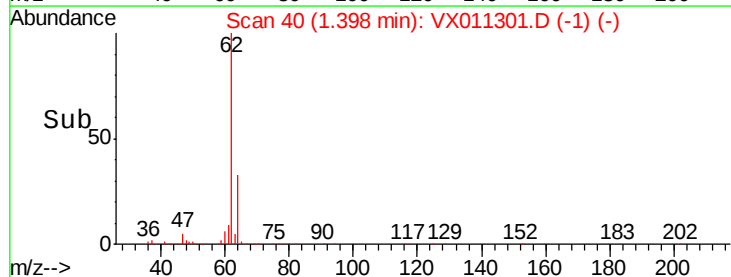
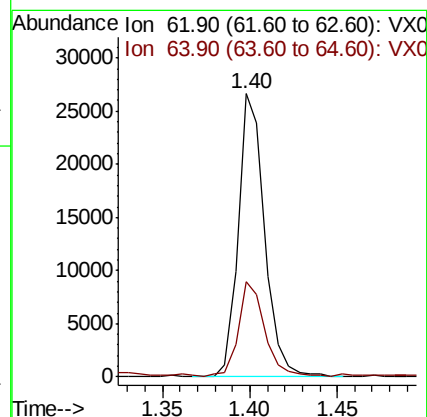
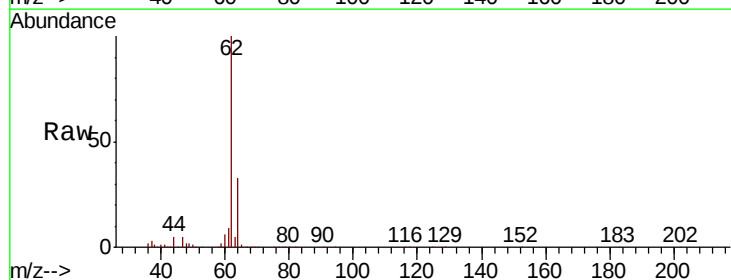
Acq: 02 Aug 2019 13:46

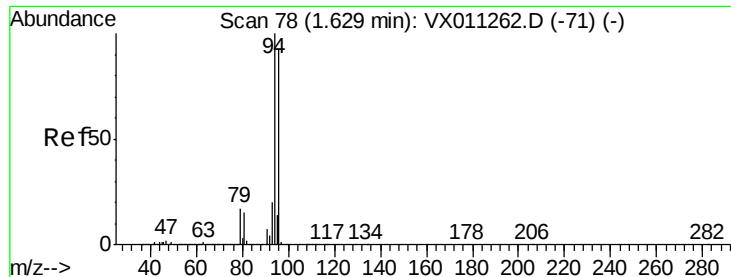
Tgt Ion: 62 Resp: 27836

Ion Ratio Lower Upper

62 100

64 32.8 26.0 39.0





#5

Bromomethane

Concen: 21.865 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

Tot Ion: 94 Resp: 22397

Ion Ratio Lower Upper

94 100

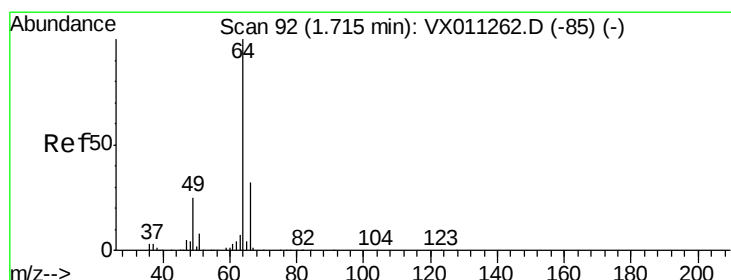
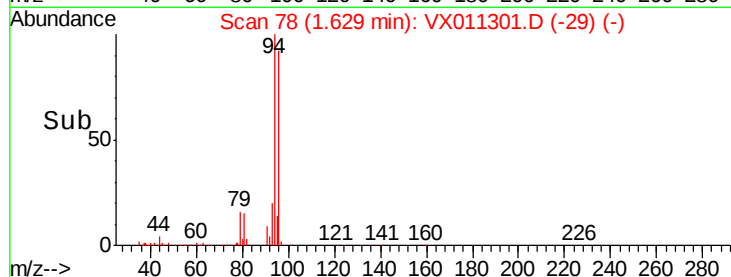
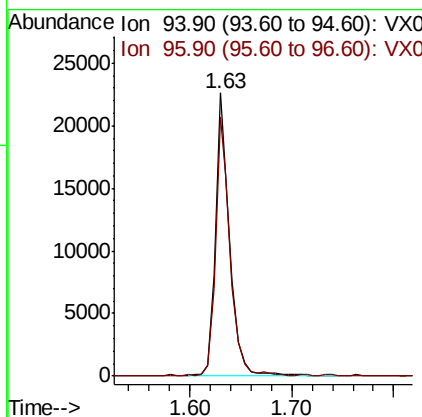
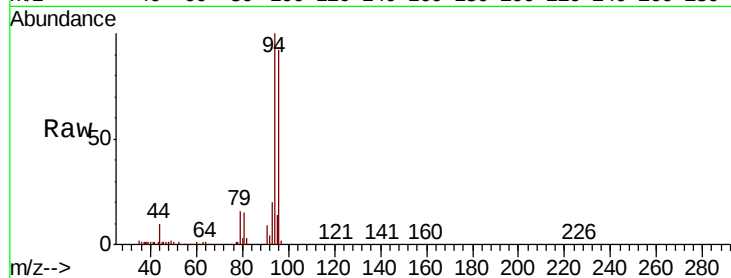
96 91.6 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 19.410 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011301.D

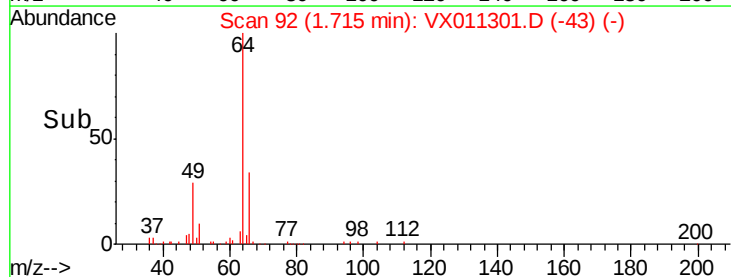
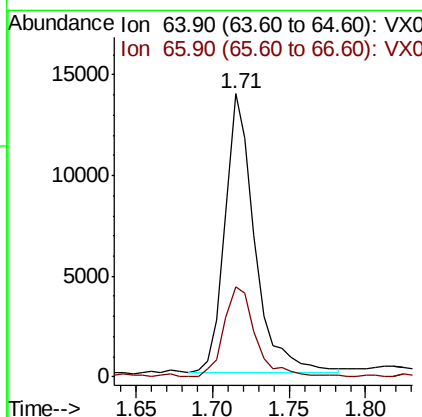
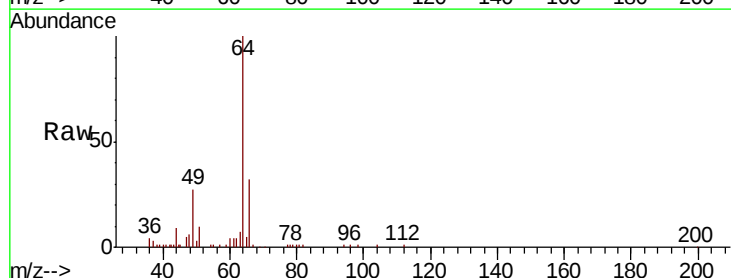
Acq: 02 Aug 2019 13:46

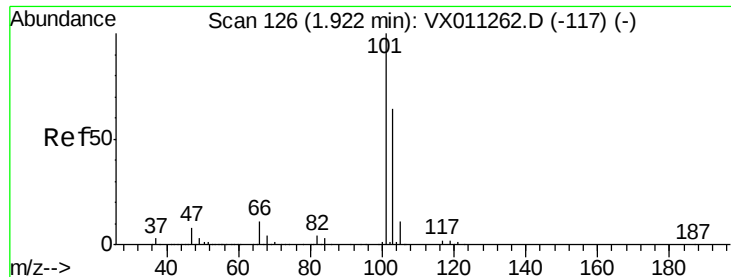
Tgt Ion: 64 Resp: 18684

Ion Ratio Lower Upper

64 100

66 31.7 25.1 37.7





#7

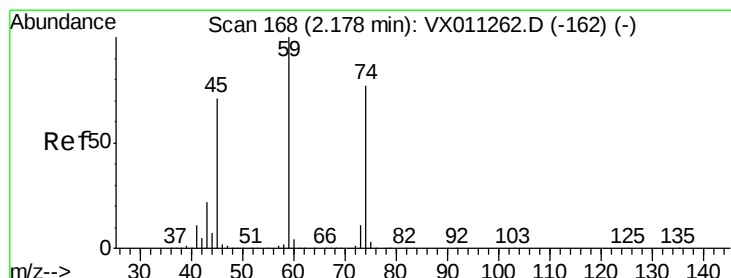
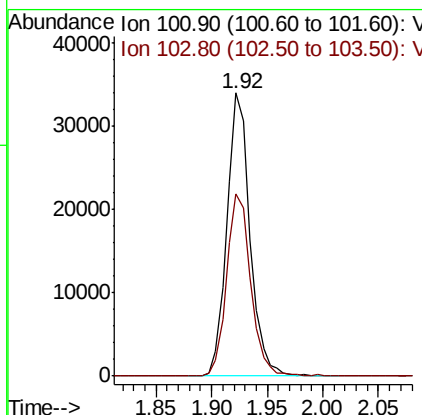
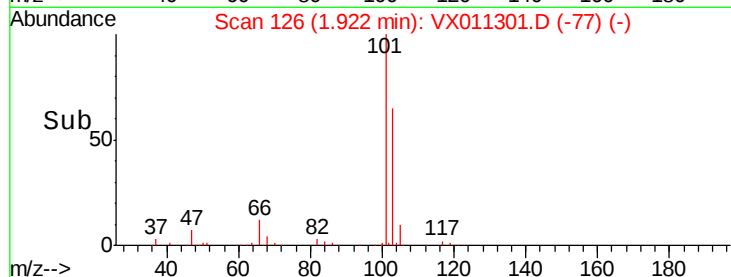
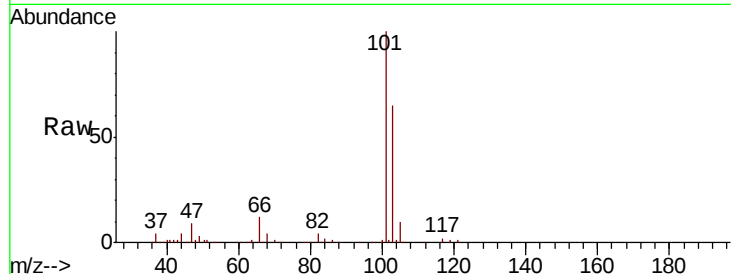
Trichlorofluoromethane
 Concen: 19.069 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Instrument :
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 ClientSampleId :
 VX0802MBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	50.9	76.3

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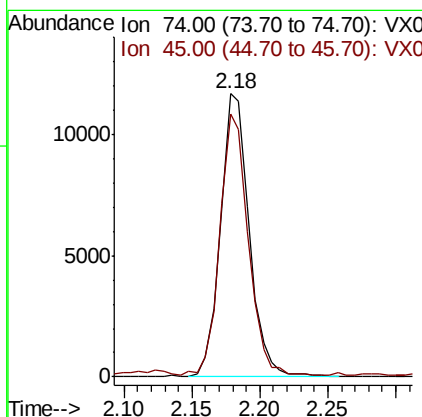
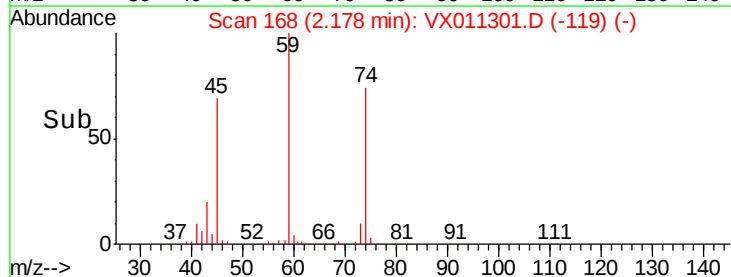
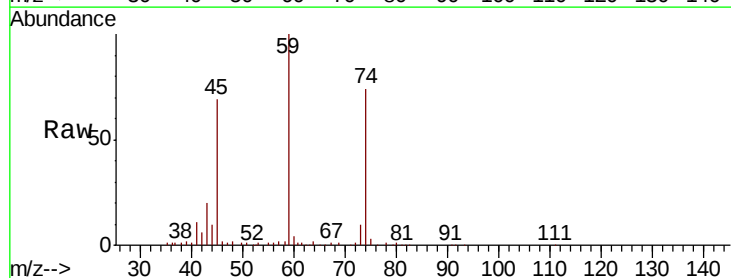
MMDadoda
 8/6/2019 12:11:27 PM

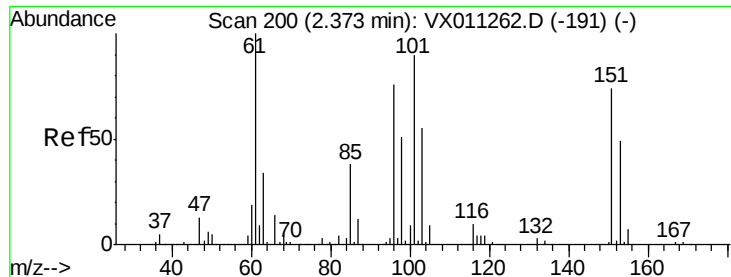


#8

Diethyl Ether
 Concen: 18.763 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.8	46.1	138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.962 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

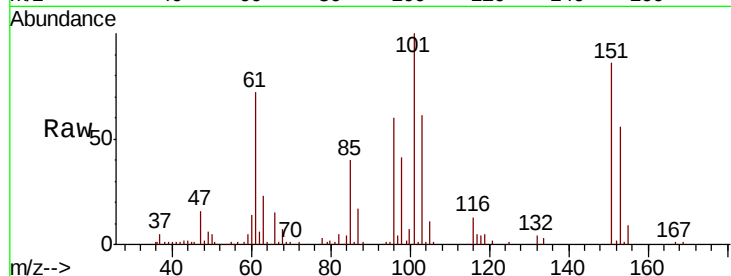
ClientSampled :

VX0802MBSD01

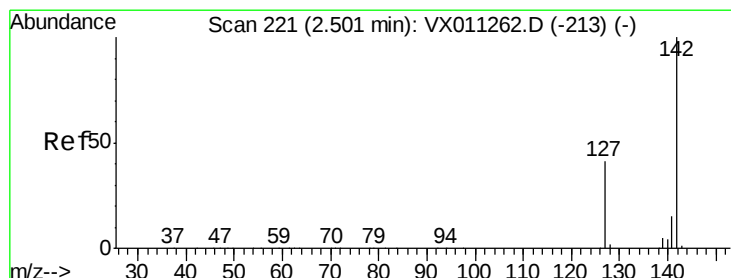
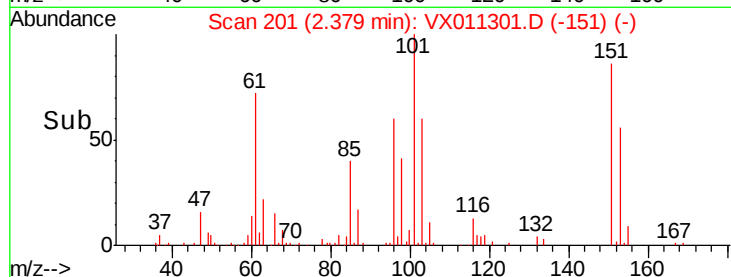
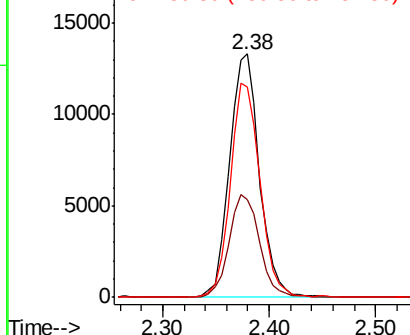
Tot Ion:	101	Resp:	26201
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.8	50.6
151	87.1	69.5	104.3

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.678 ug/l

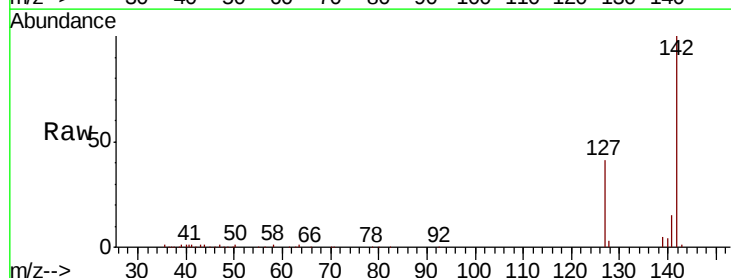
RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

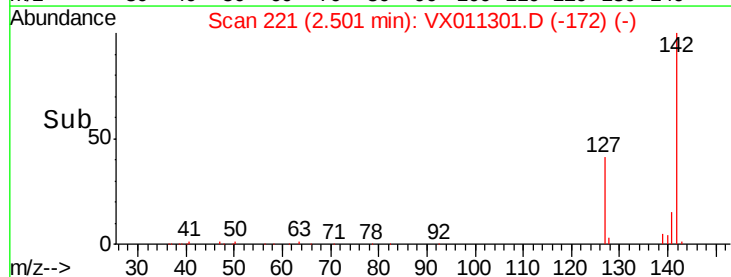
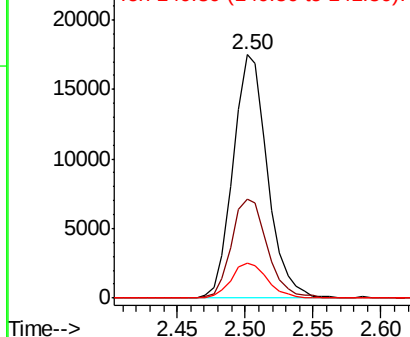
Lab File: VX011301.D

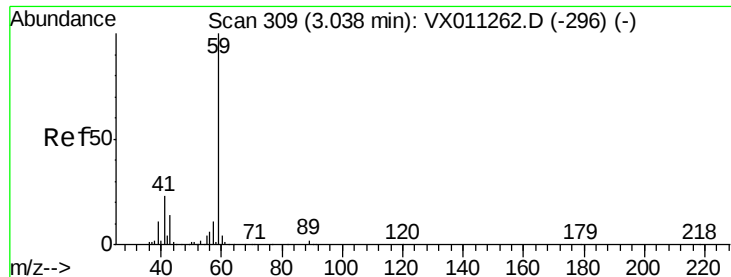
Acq: 02 Aug 2019 13:46

Tgt Ion:	142	Resp:	30797
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.8	50.8
141	15.0	11.4	17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





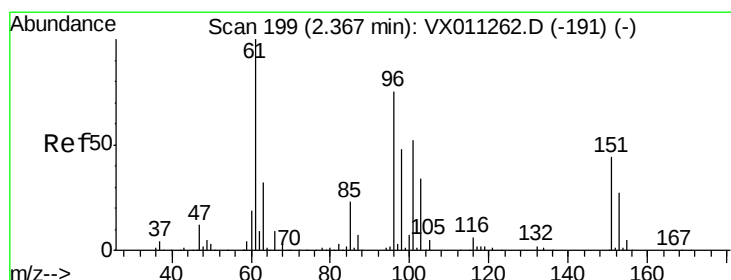
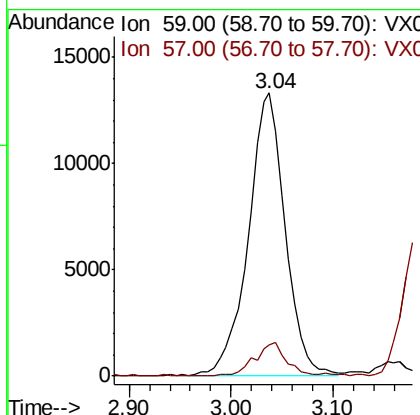
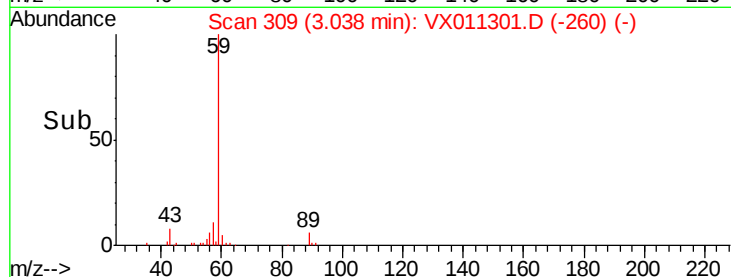
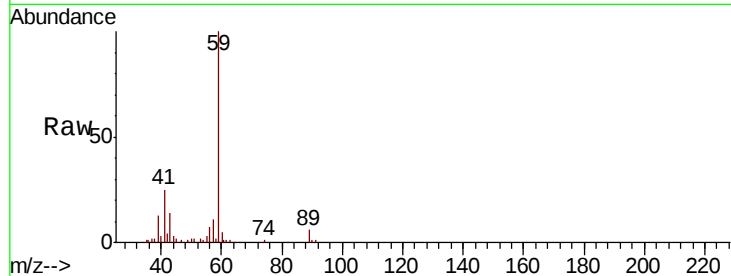
#11
Tert butyl alcohol
Concen: 110.763 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBS01

Tot Ion	59	57	Ratio	100	10.3	Resp	33482	Lower	8.3	Upper	12.5
Ion	59	57	Ratio	100	10.3	Resp	33482	Lower	8.3	Upper	12.5

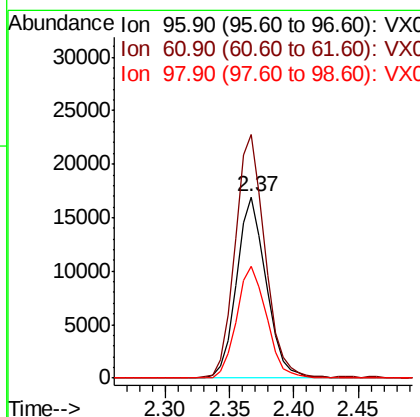
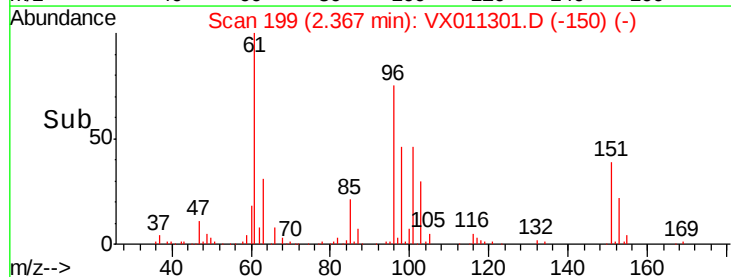
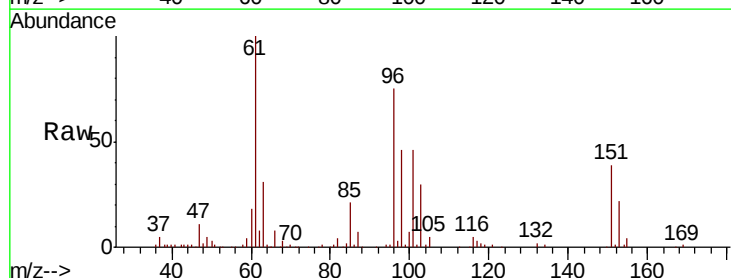
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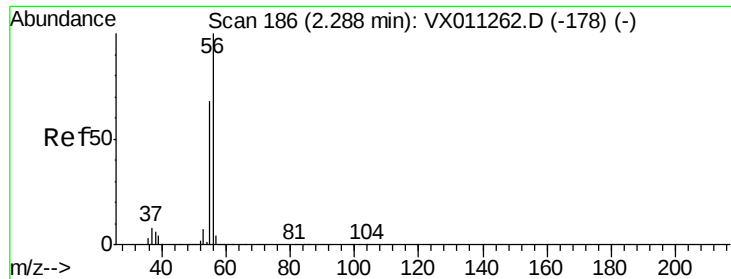
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#12
1,1-Dichloroethene
Concen: 19.713 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion	96	61	98	Ratio	100	134.2	61.4	Resp	27002	Lower	106.2	Upper	159.2	75.8
Ion	96	61	98	Ratio	100	134.2	61.4	Resp	27002	Lower	106.2	Upper	159.2	75.8





#13

Acrolein

Concen: 93.333 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

Tot Ion: 56 Resp: 17585

Ion Ratio Lower Upper

56 100

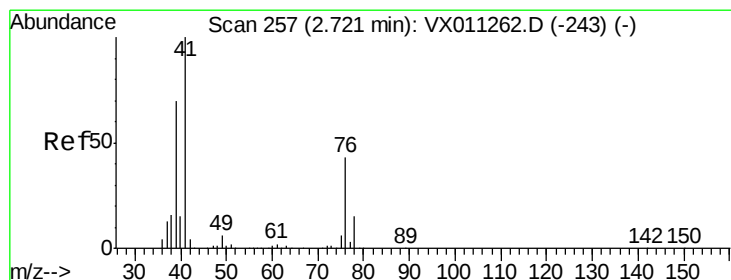
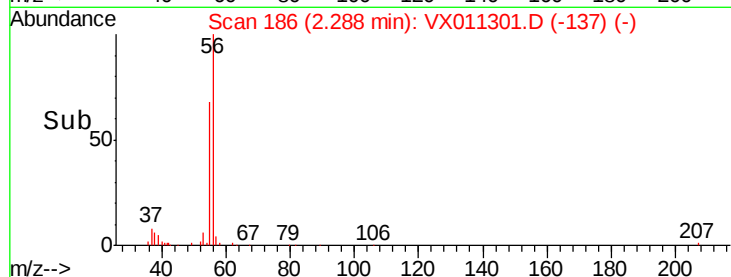
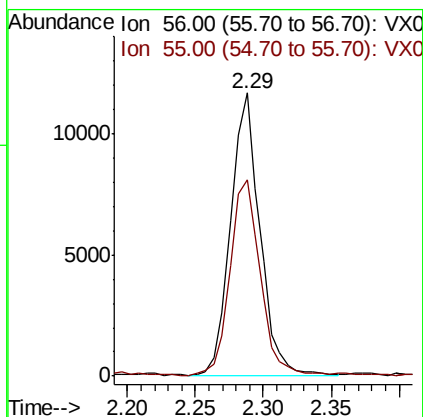
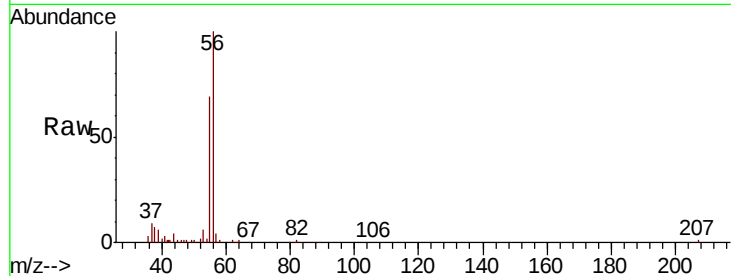
55 71.8 56.0 84.0

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#14

Allyl chloride

Concen: 19.032 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

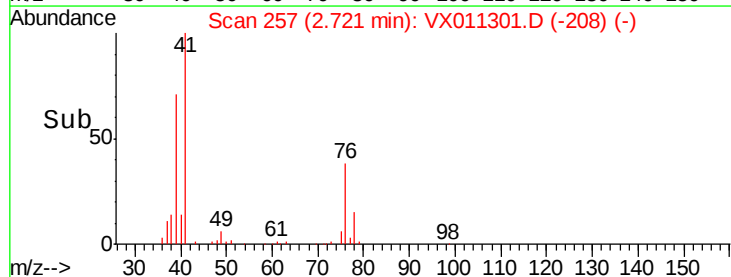
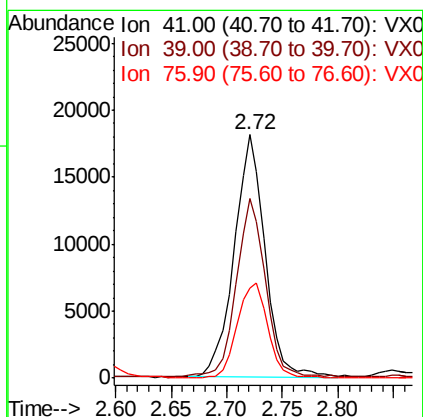
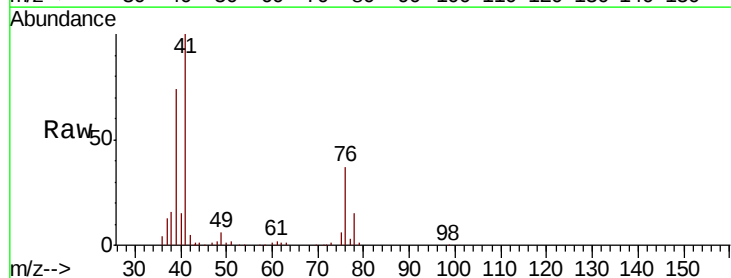
Tgt Ion: 41 Resp: 34754

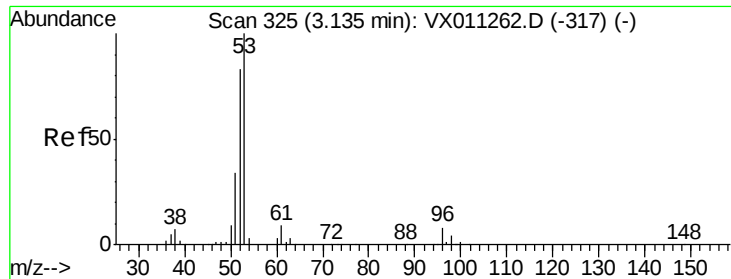
Ion Ratio Lower Upper

41 100

39 69.3 52.8 79.2

76 39.0 31.1 46.7





#15

Acrylonitrile

Concen: 100.545 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

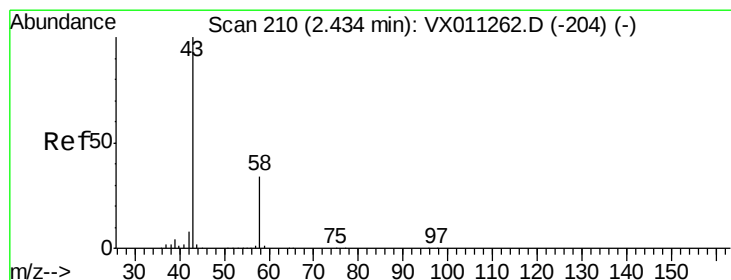
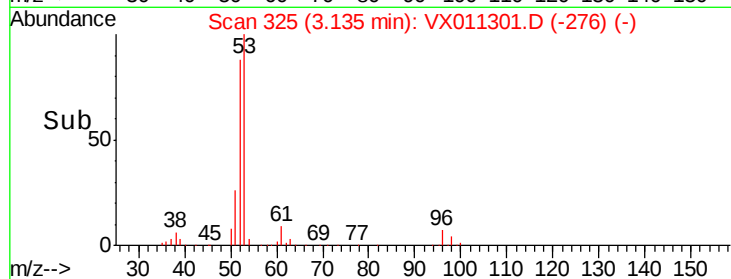
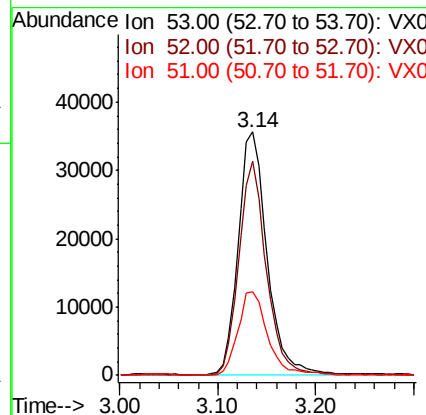
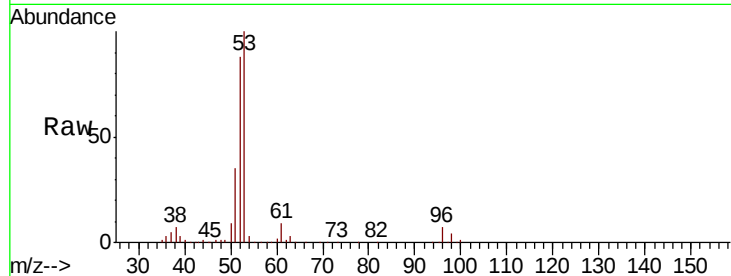
ClientSampleId :

VX0802MBSD01

Tot Ion:	53	Resp:	72537
Ion Ratio	Lower	Upper	
53	100		
52	84.5	65.5	98.3
51	36.4	27.9	41.9

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#16

Acetone

Concen: 86.127 ug/l

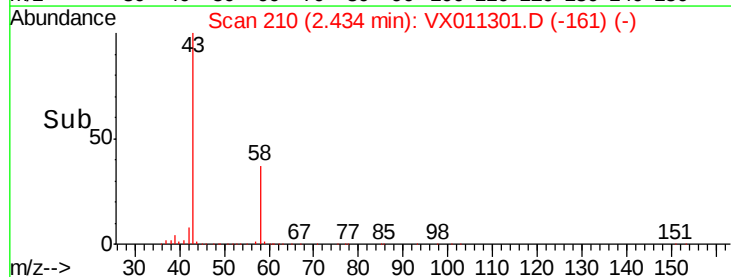
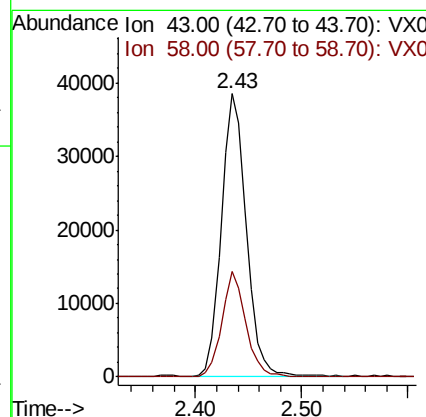
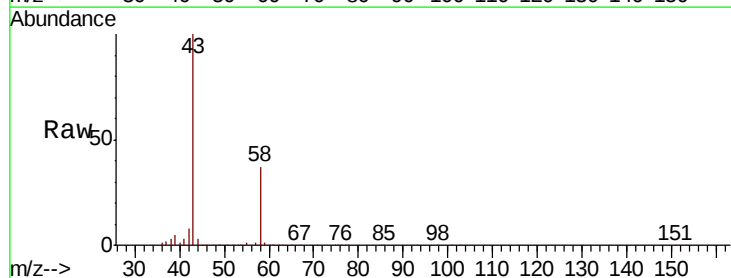
RT: 2.43 min Scan# 210

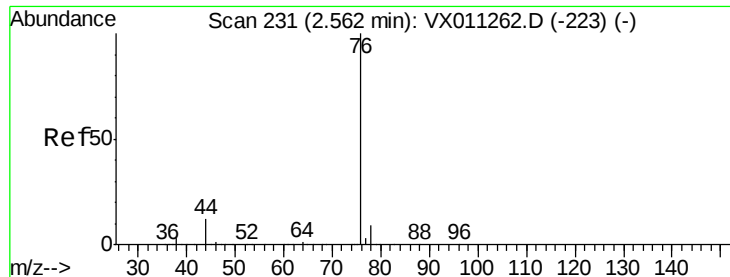
Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Tgt Ion:	43	Resp:	62152
Ion Ratio	Lower	Upper	
43	100		
58	37.4	27.4	41.0





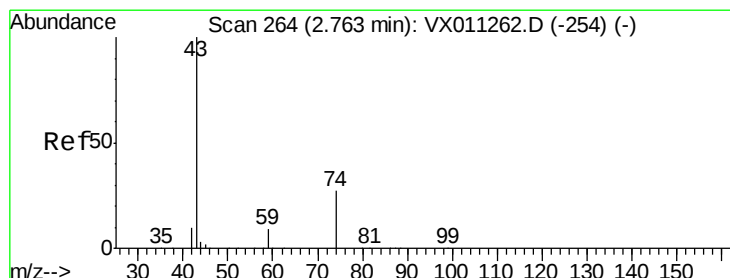
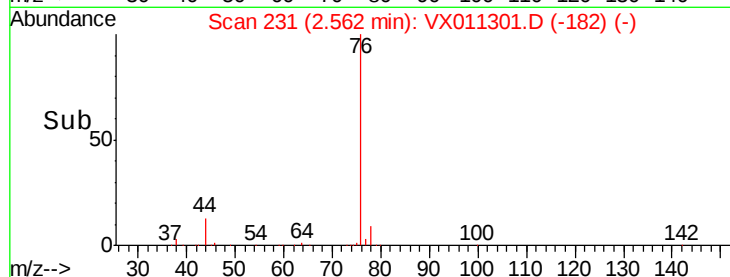
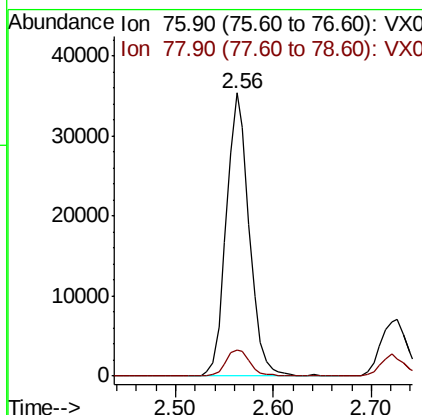
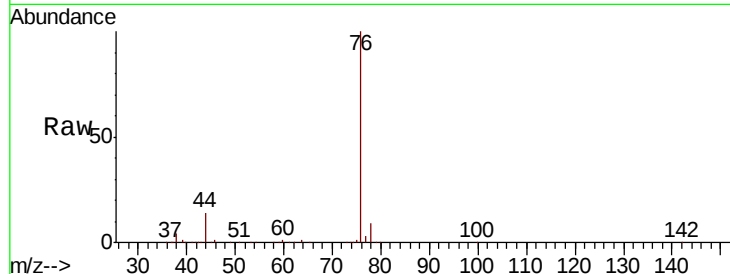
#17
Carbon Disulfide
Concen: 17.919 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

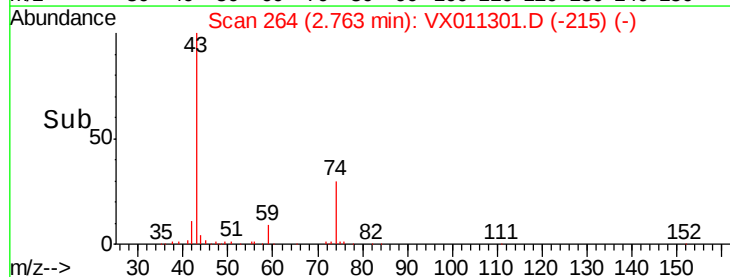
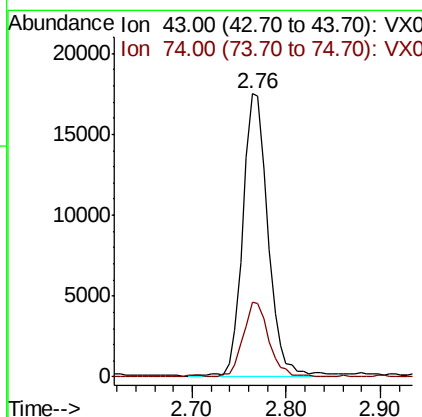
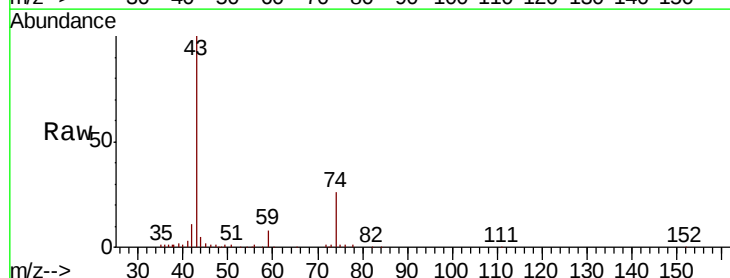
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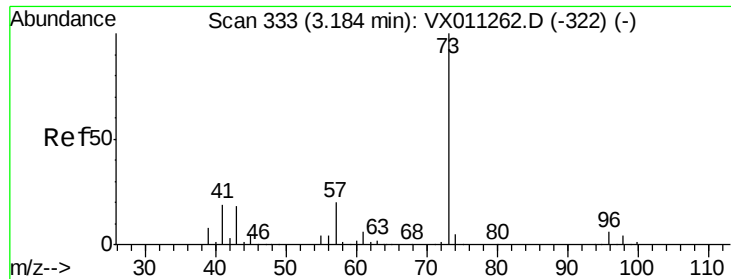
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#18
Methyl Acetate
Concen: 19.978 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	21.0	31.6





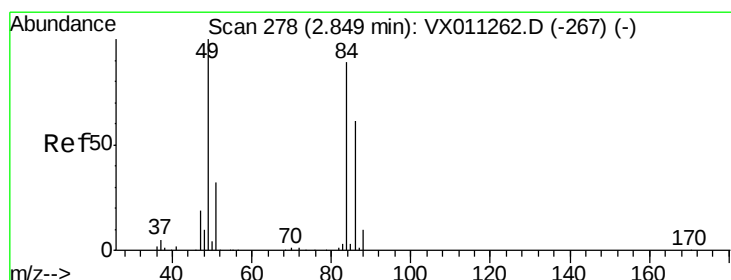
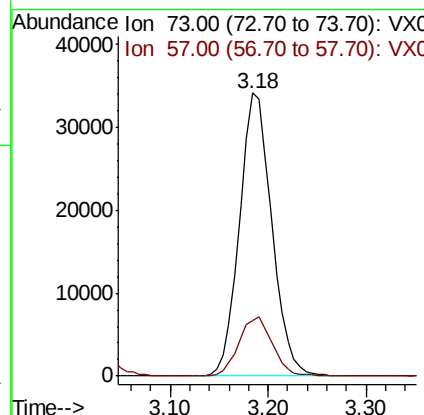
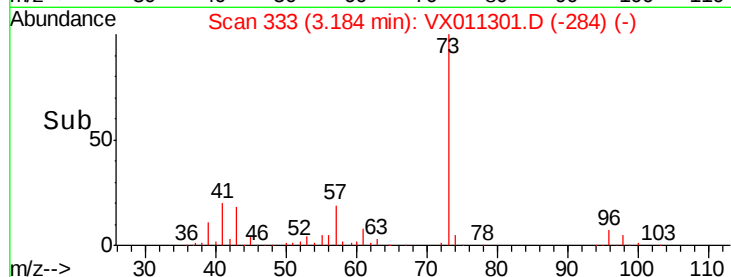
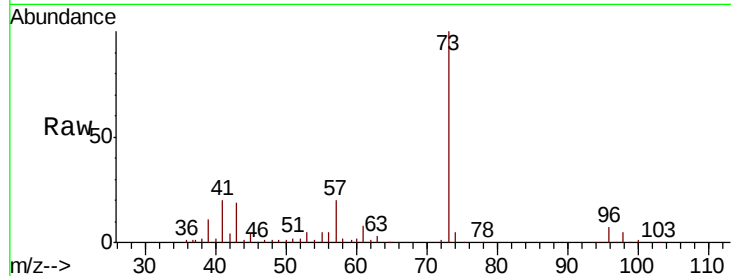
#19
Methyl tert-butyl Ether
Concen: 19.465 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

Tot Ion: 73 Resp: 78571
Ion Ratio Lower Upper
73 100
57 19.6 16.2 24.2

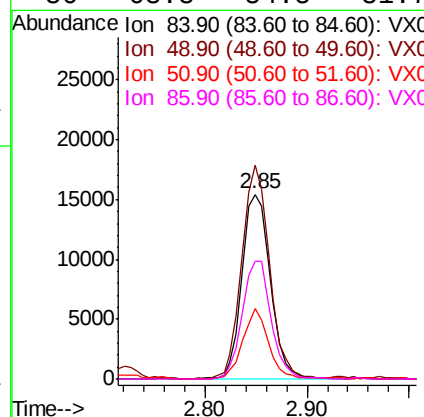
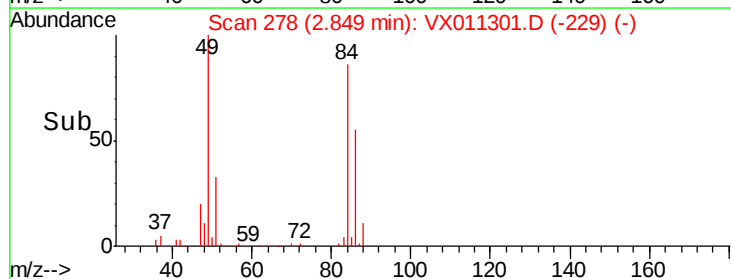
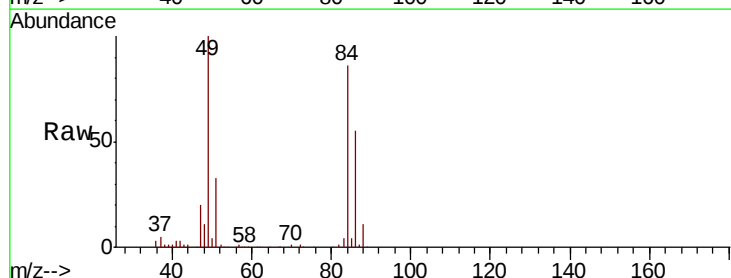
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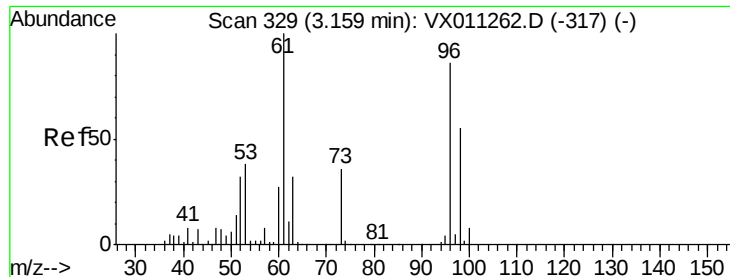
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#20
Methylene Chloride
Concen: 18.851 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion: 84 Resp: 29792
Ion Ratio Lower Upper
84 100
49 115.9 89.3 133.9
51 38.1 28.3 42.5
86 63.8 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 19.007 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

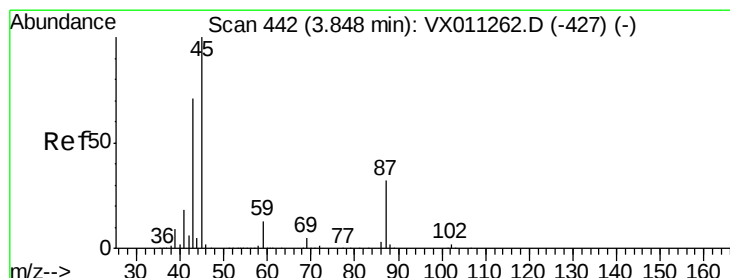
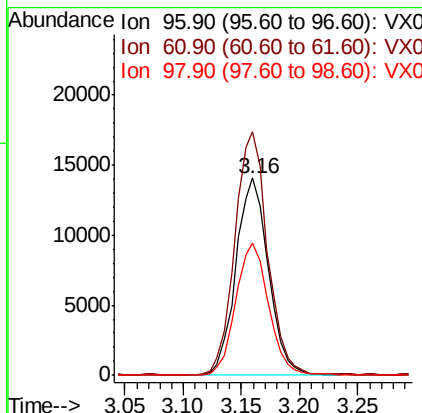
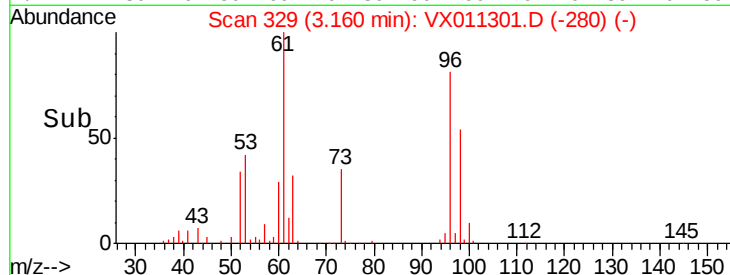
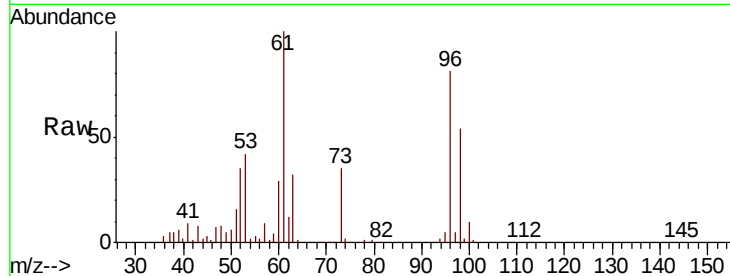
ClientSampleId :

VX0802MBSD01

Tot Ion:	96	Resp:	27540
Ion	Ratio	Lower	Upper
96	100		
61	123.0	92.8	139.2
98	66.9	51.2	76.8

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#22

Diisopropyl ether

Concen: 19.418 ug/l

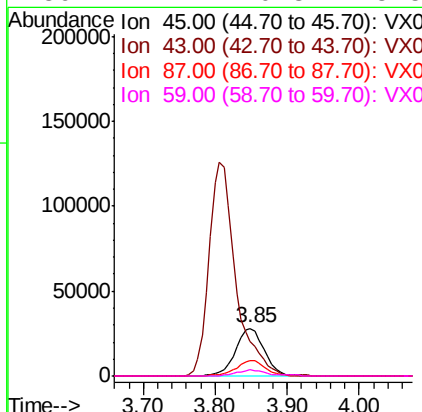
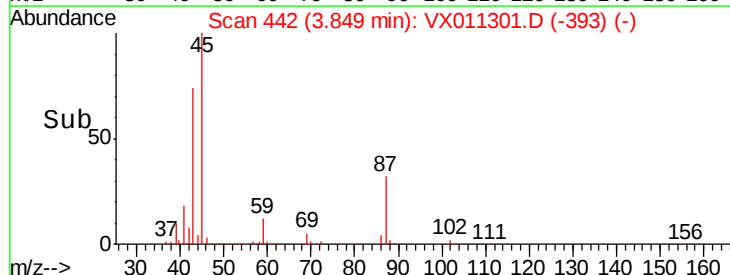
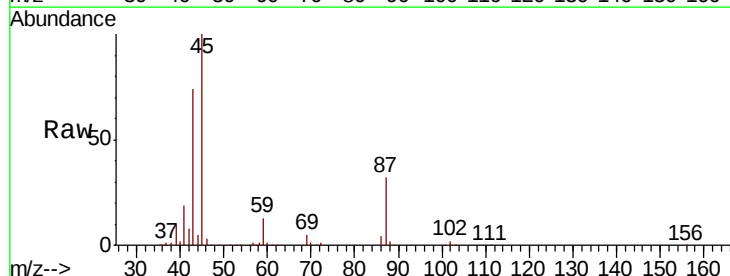
RT: 3.85 min Scan# 442

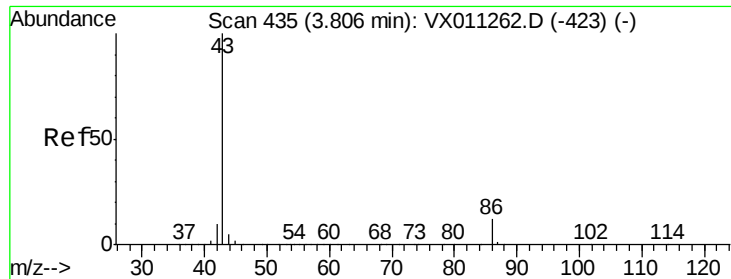
Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Tgt Ion:	45	Resp:	77929
Ion	Ratio	Lower	Upper
45	100		
43	72.9	56.8	85.2
87	31.6	25.8	38.6
59	12.7	10.3	15.5





#23

Vinyl Acetate

Concen: 98.096 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampled :

VX0802MBS01

Tot Ion: 43 Resp: 326531

Ion Ratio Lower Upper

43 100

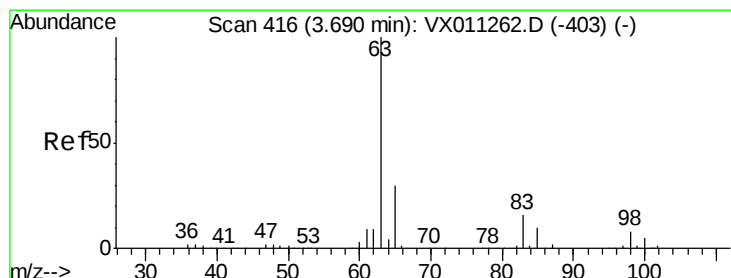
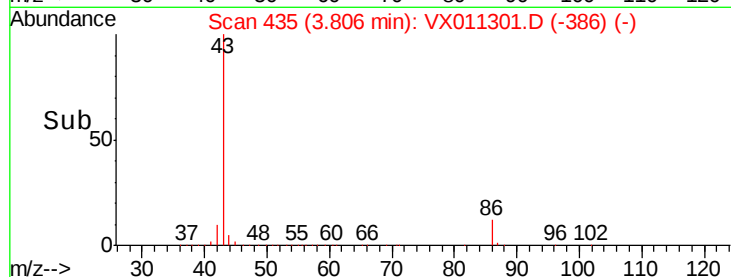
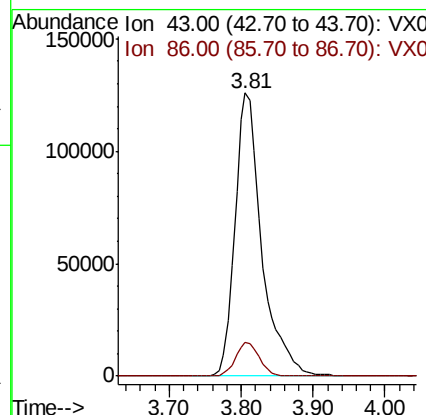
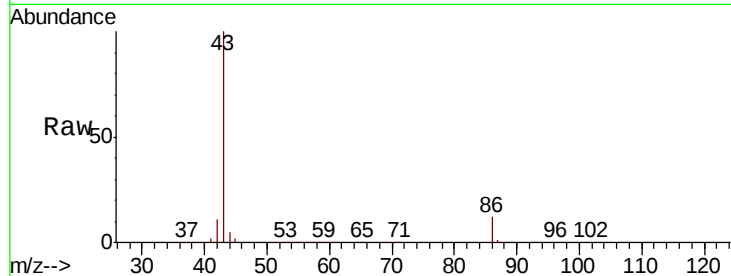
86 11.7 9.6 14.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.575 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

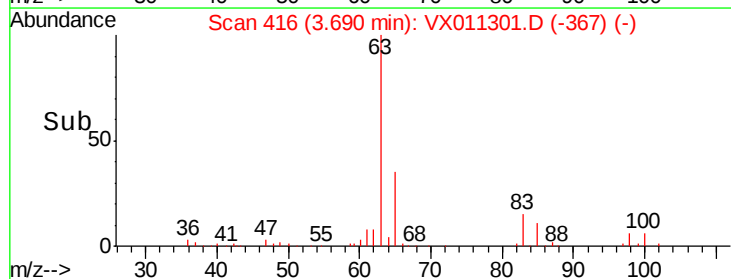
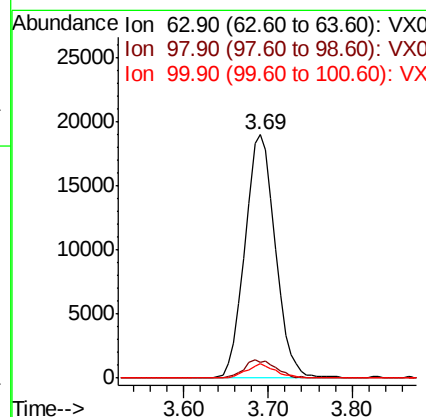
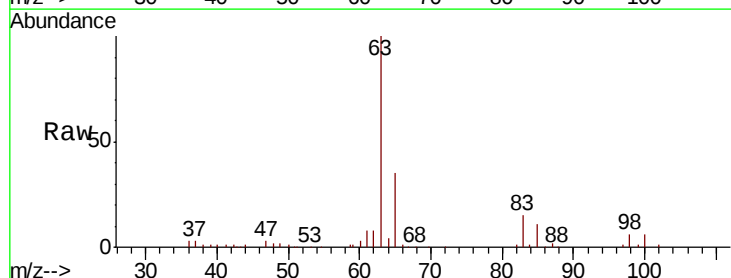
Tgt Ion: 63 Resp: 46324

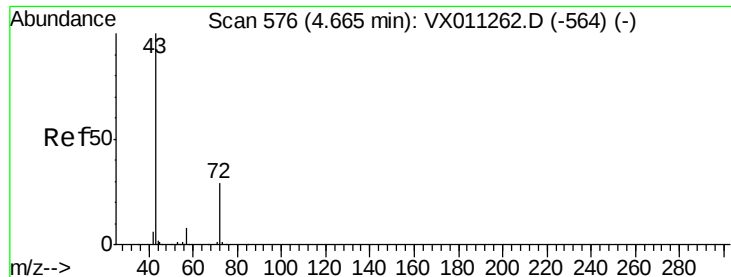
Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.5

100 6.0 2.7 8.1





#25

2-Butanone

Concen: 96.802 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

Tot Ion: 43 Resp: 99369

Ion Ratio Lower Upper

43 100

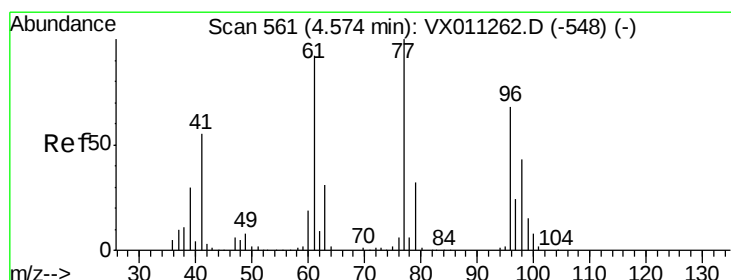
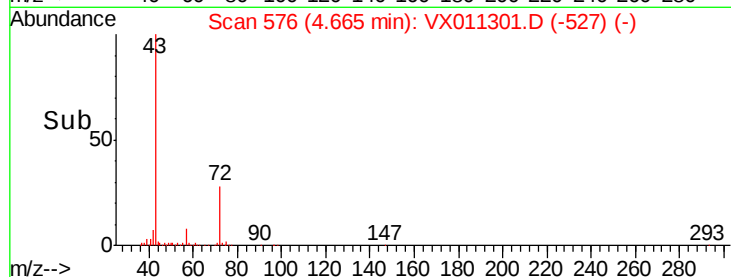
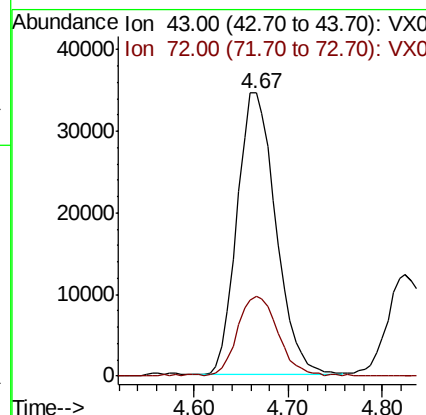
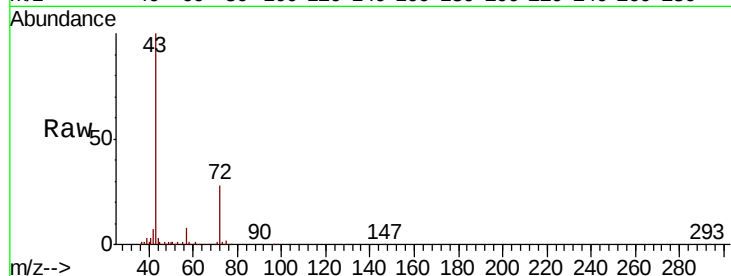
72 27.8 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.893 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011301.D

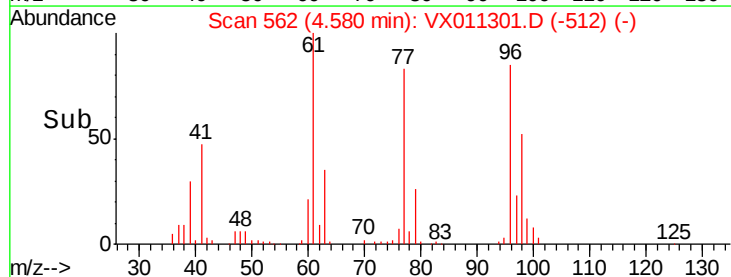
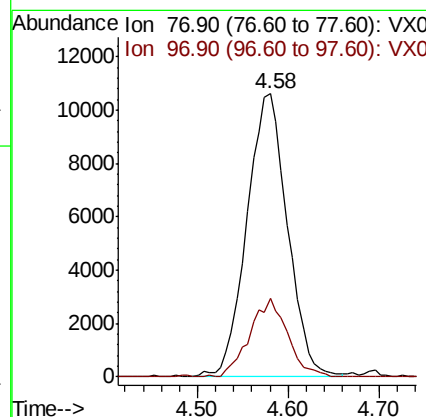
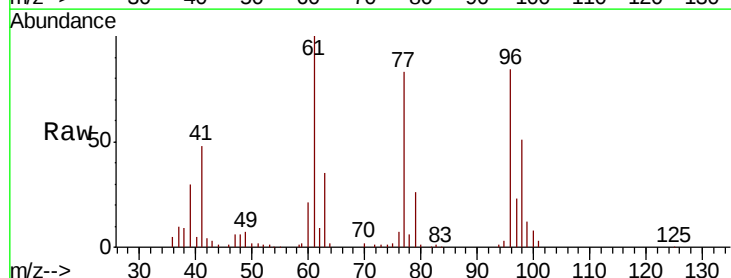
Acq: 02 Aug 2019 13:46

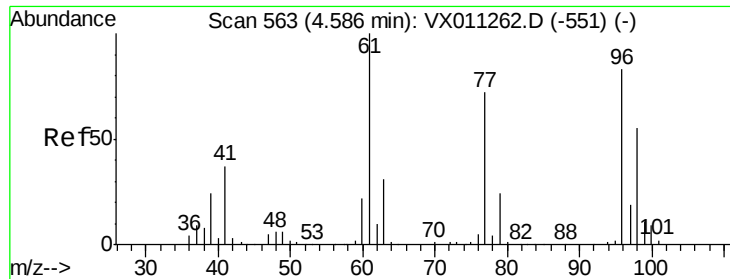
Tgt Ion: 77 Resp: 32916

Ion Ratio Lower Upper

77 100

97 25.8 12.8 38.4





#27

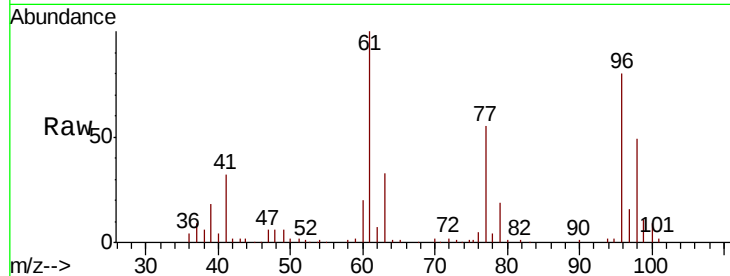
cis-1,2-Dichloroethene
Concen: 19.155 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

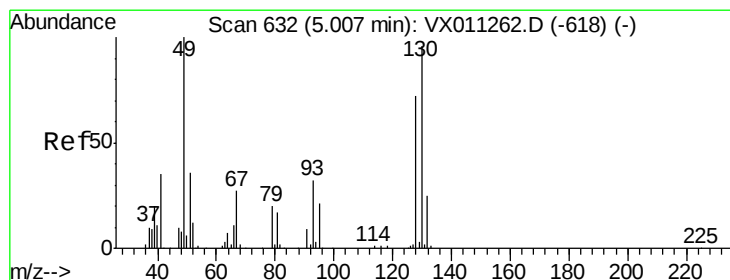
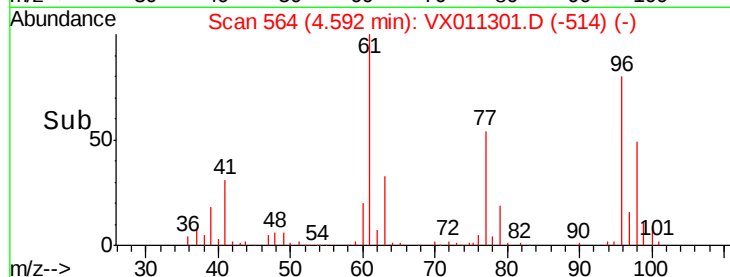
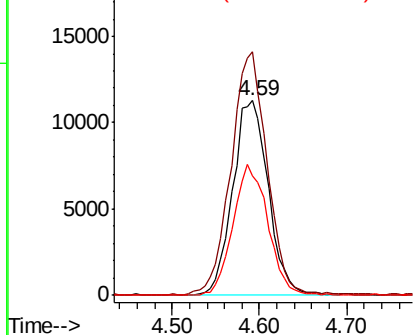
Tot Ion	Ratio	Lower	Upper
96	100		
61	127.2	0.0	260.2
98	65.6	0.0	133.2

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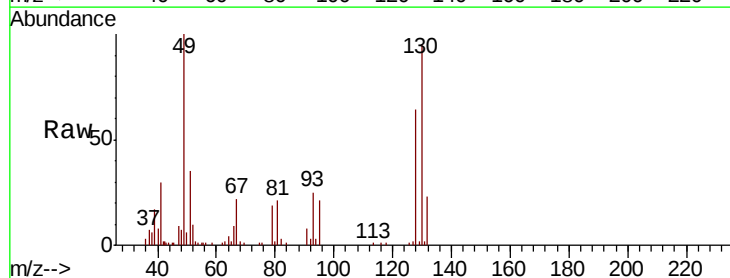
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



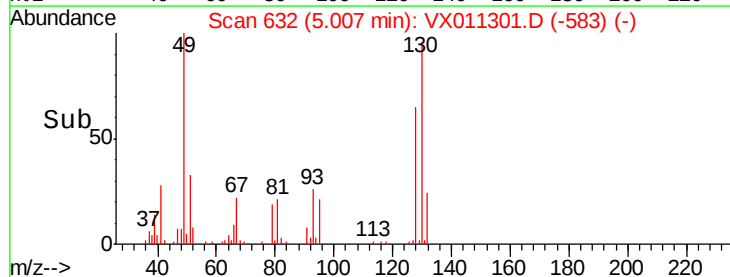
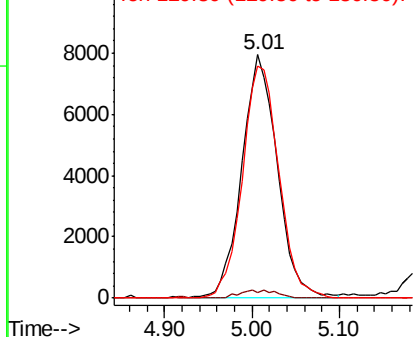
#28

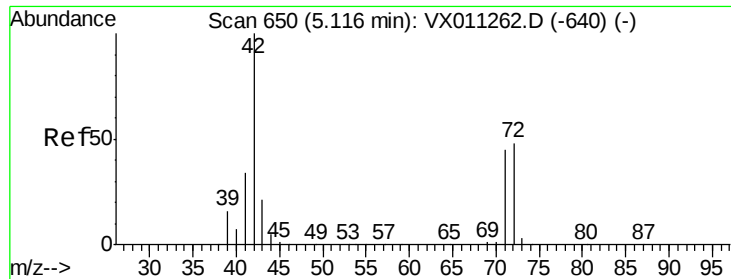
Bromochloromethane
Concen: 20.838 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	5.8
130	97.9	77.9	116.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





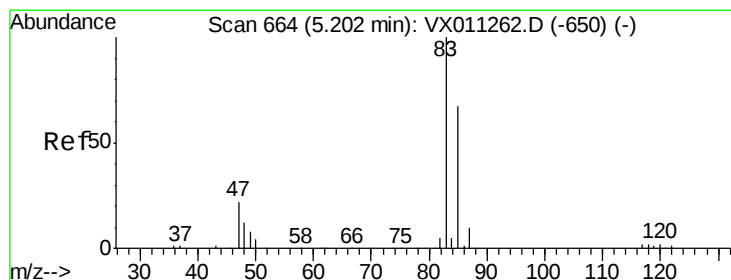
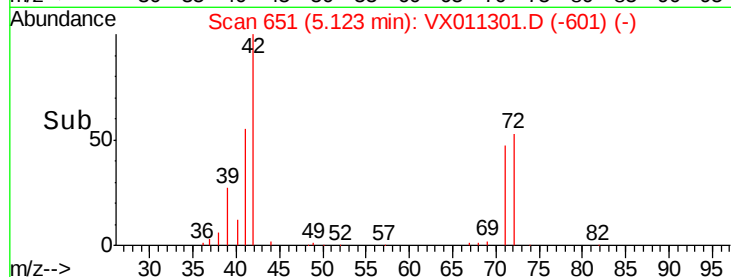
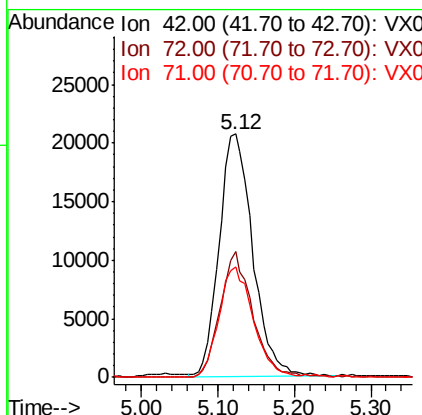
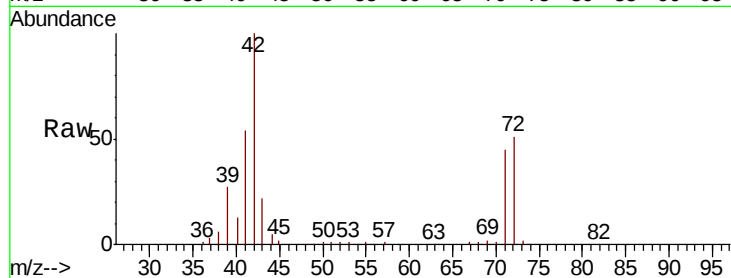
#29
Tetrahydrofuran
Concen: 99.754 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.6	39.9	59.9
71	46.6	36.9	55.3

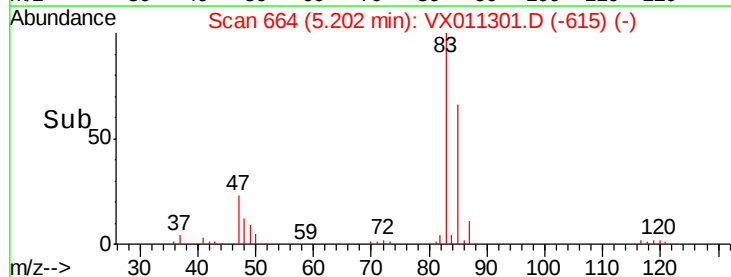
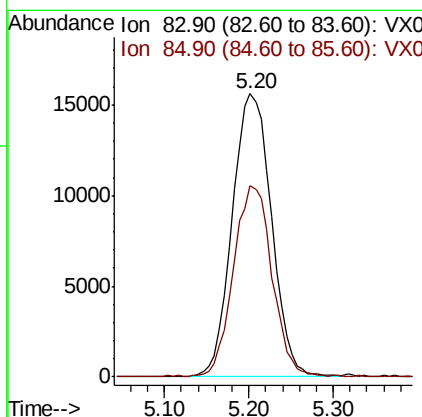
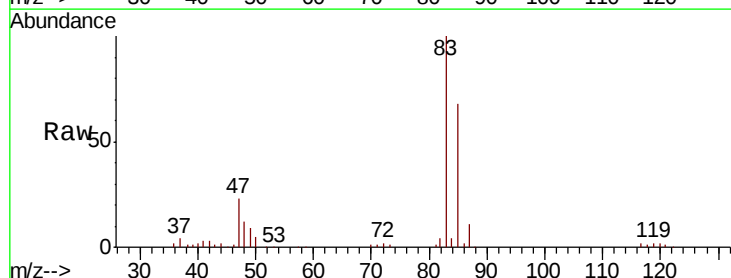
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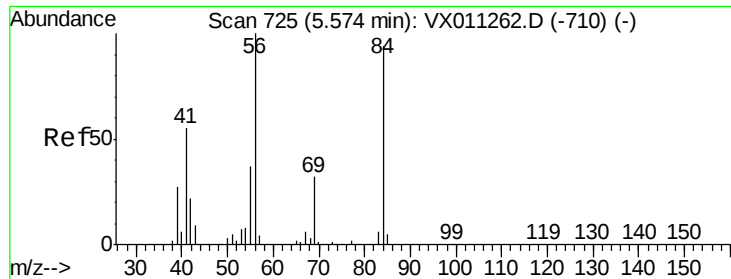
MMDadoda
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#30
Chloroform
Concen: 19.149 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	53.4	80.0





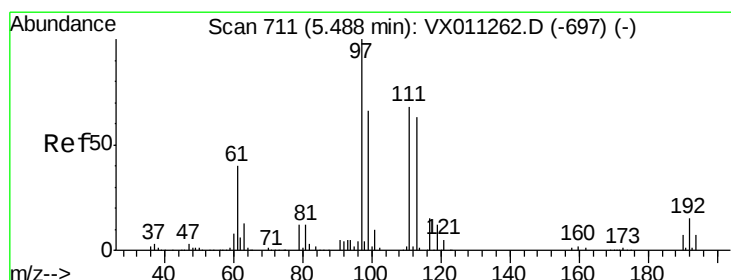
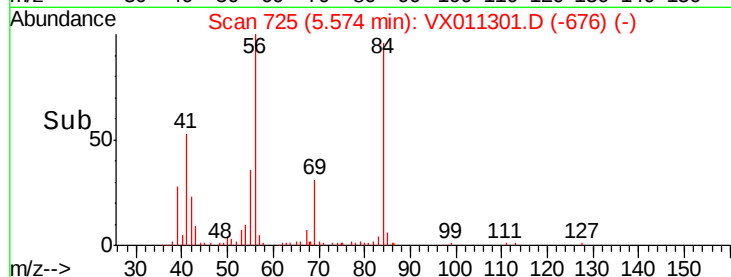
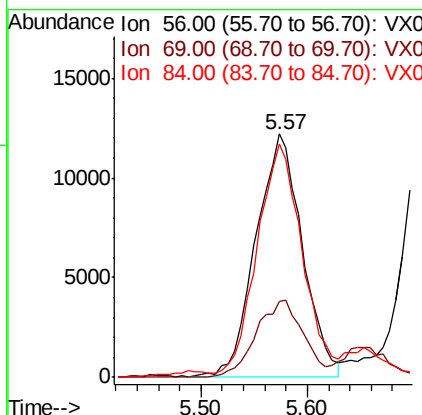
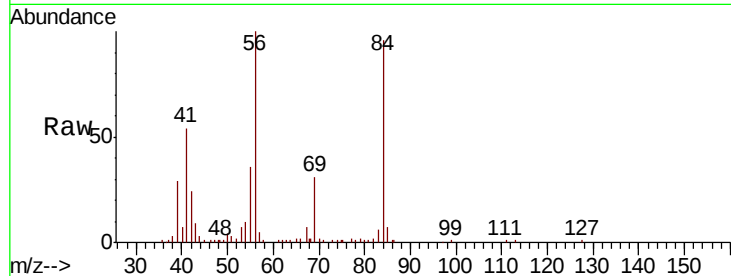
#31
Cyclohexane
Concen: 18.998 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	25.5	38.3
84	93.4	75.0	112.4

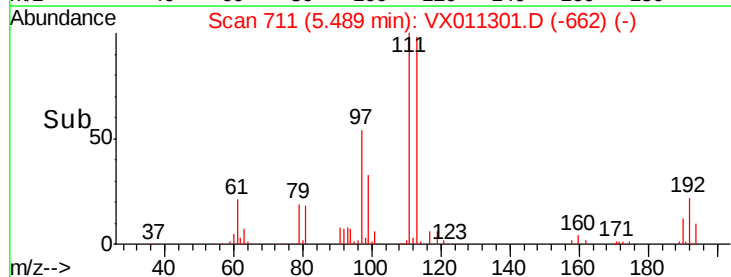
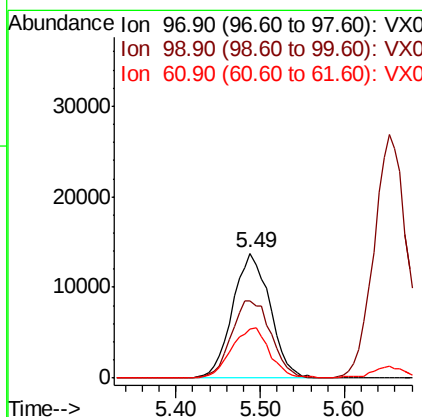
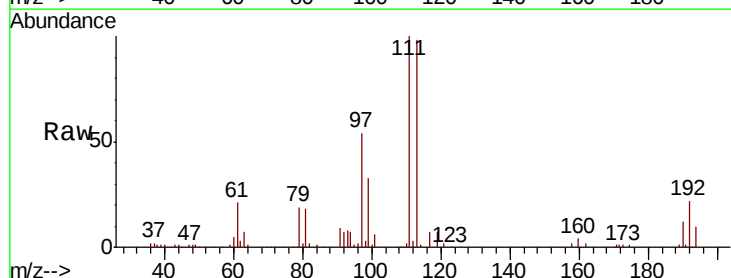
Manual Integrations
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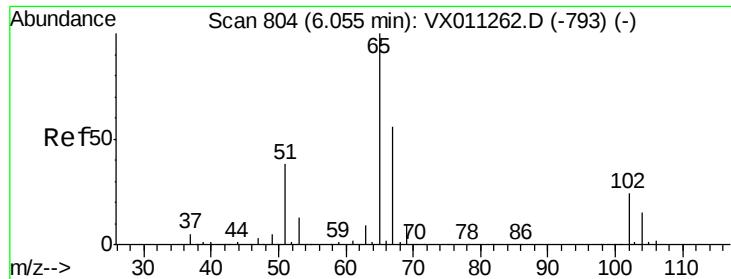
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#32
1,1,1-Trichloroethane
Concen: 18.773 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.6	77.4
61	41.3	32.3	48.5





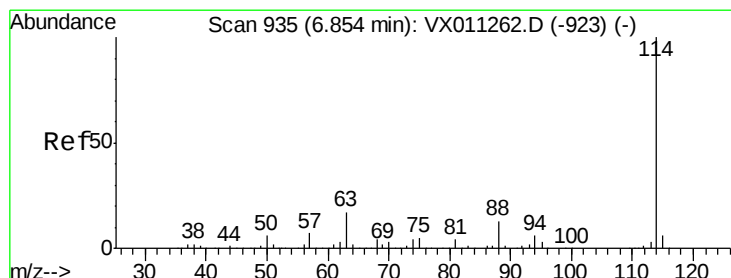
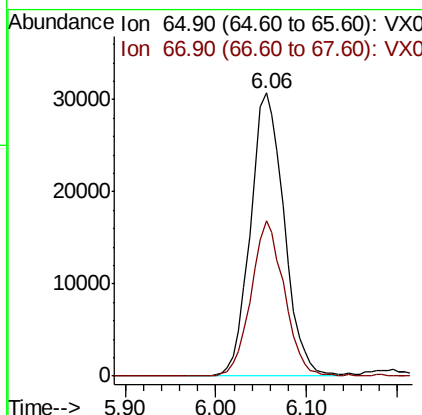
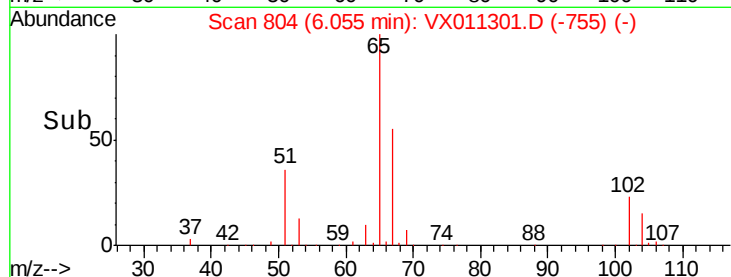
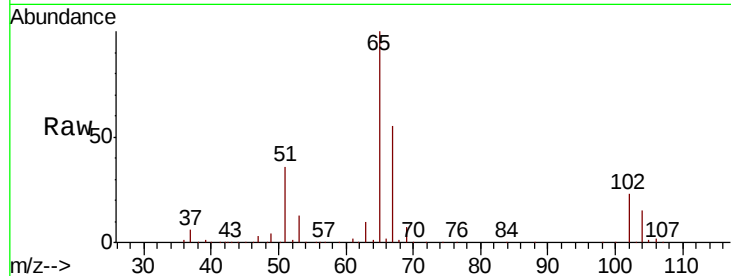
#33
 1,2-Dichloroethane-d4
 Concen: 52.131 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Instrument :
 MSVOA_X
 ClientSampled :
 VX0802MBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	110.6

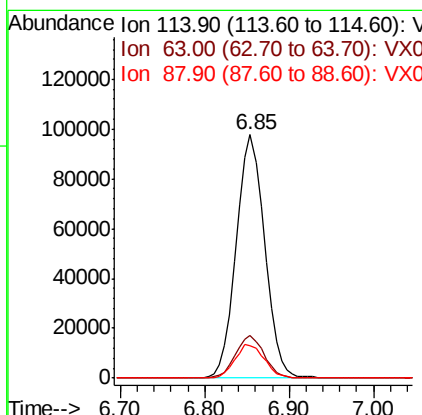
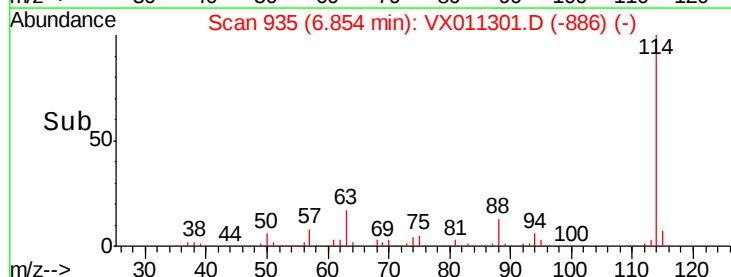
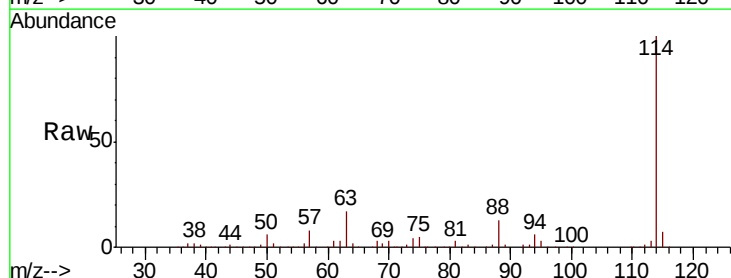
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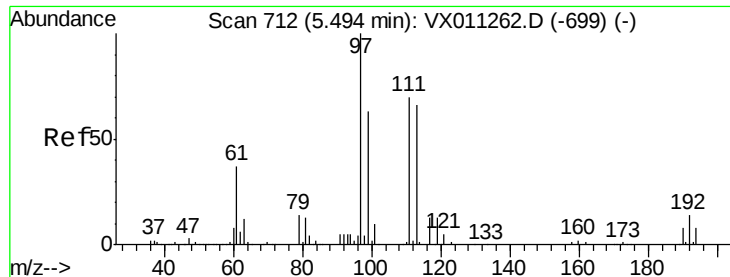
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	34.0
88	13.4	0.0	26.4





#35

Dibromofluoromethane

Concen: 49.641 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

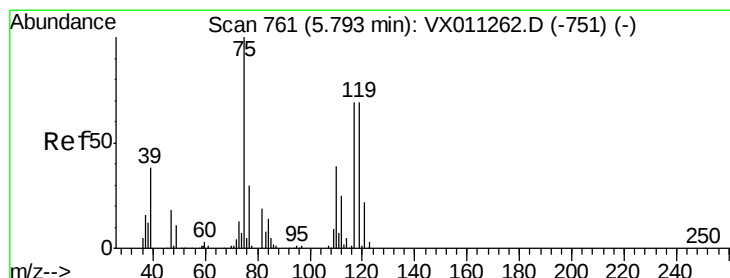
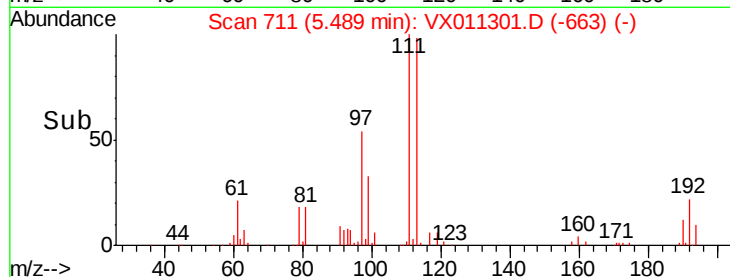
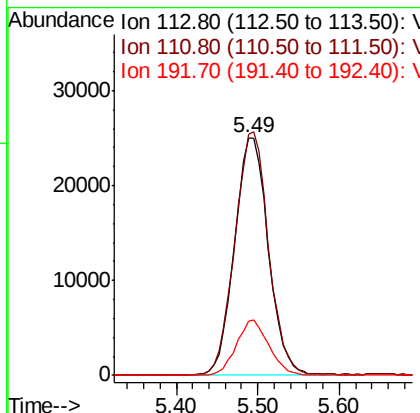
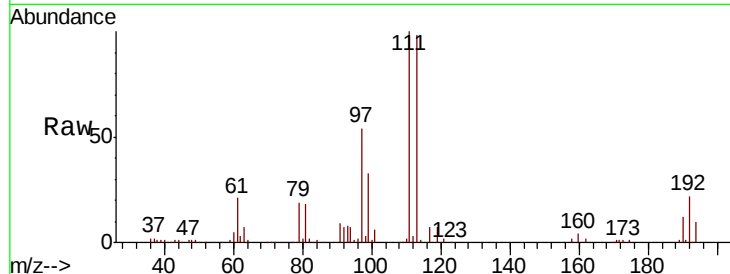
ClientSampleId :

VX0802MBSD01

Tot Ion:	113	Resp:	72053
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	22.4	17.8	26.8

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#36

1,1-Dichloropropene

Concen: 18.285 ug/l

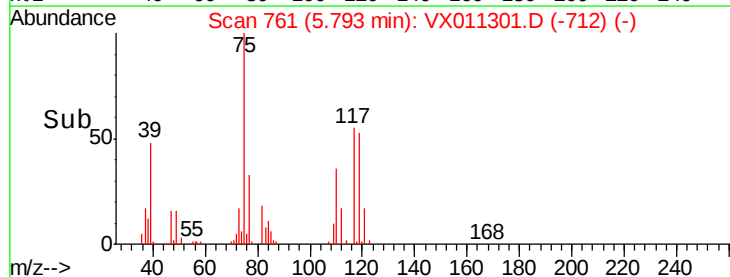
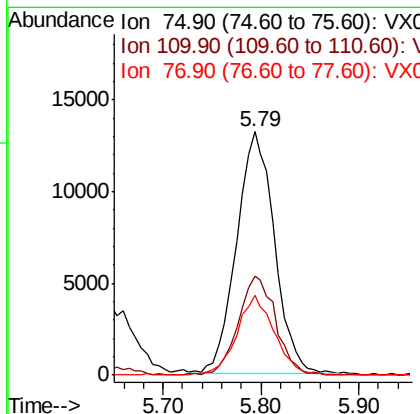
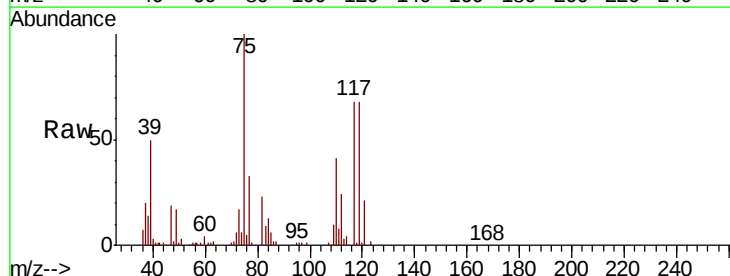
RT: 5.79 min Scan# 761

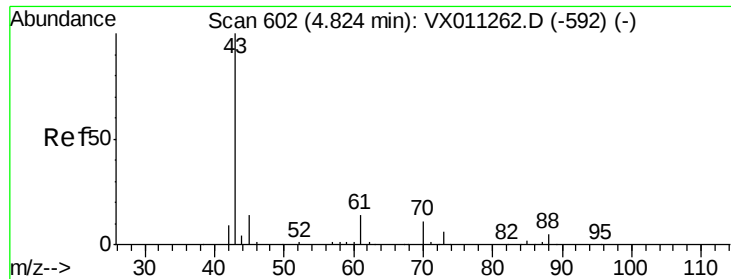
Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Tgt Ion:	75	Resp:	35493
Ion	Ratio	Lower	Upper
75	100		
110	40.4	20.0	59.9
77	32.3	24.8	37.2





#37

Ethyl Acetate

Concen: 18.987 ug/l

RT: 4.82 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

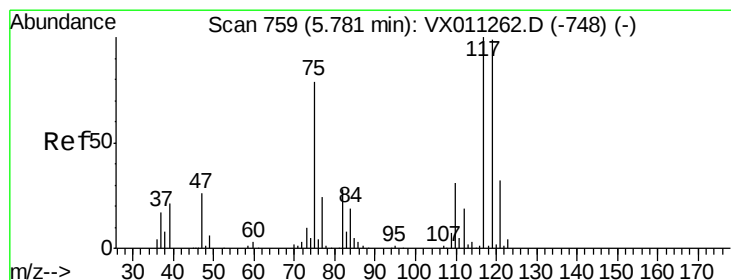
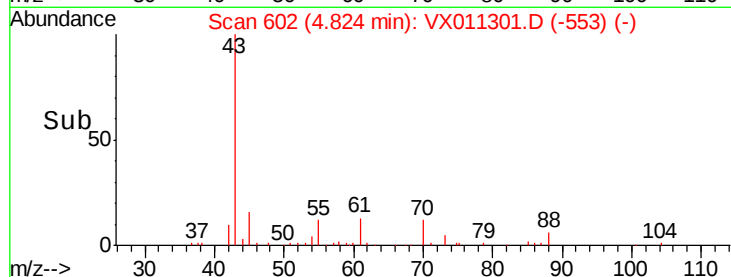
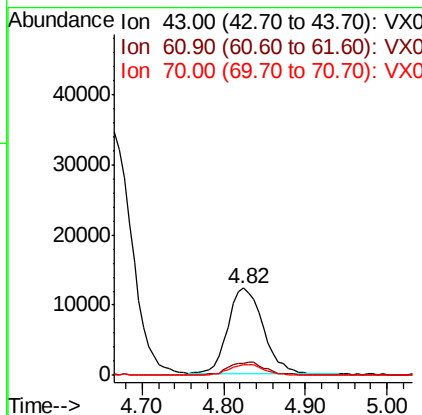
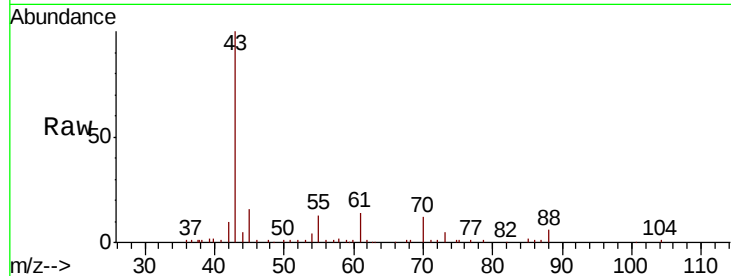
ClientSampled :

VX0802MBS01

Tot Ion:	43	Resp:	36969
Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.6	18.8
70	12.4	9.1	13.7

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#38

Carbon Tetrachloride

Concen: 18.152 ug/l

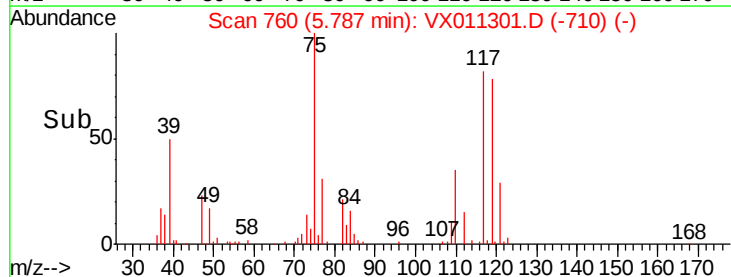
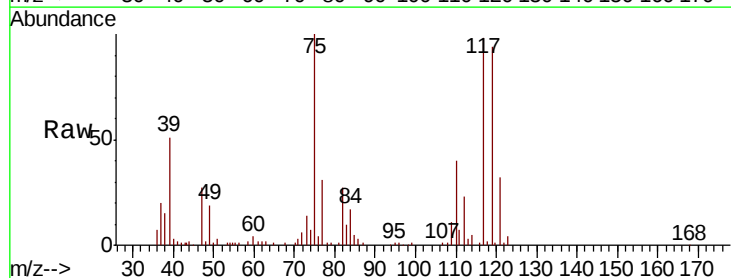
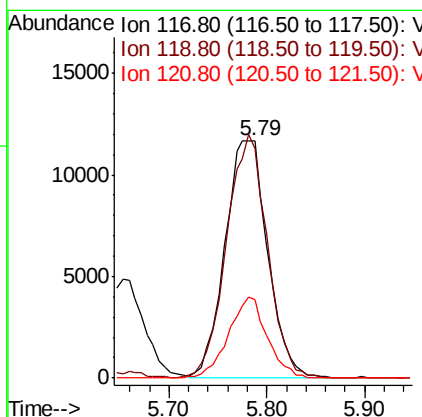
RT: 5.79 min Scan# 760

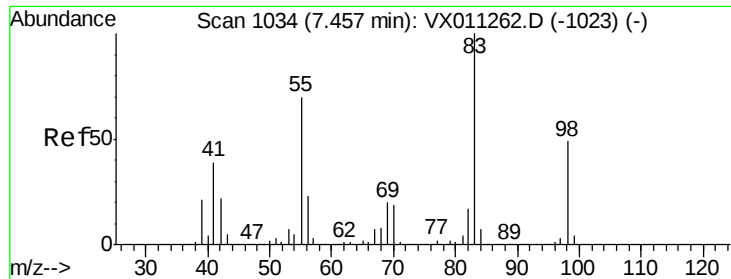
Delta R.T. 0.01 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Tgt Ion:	117	Resp:	35448
Ion	Ratio	Lower	Upper
117	100		
119	96.7	79.0	118.4
121	33.1	25.9	38.9





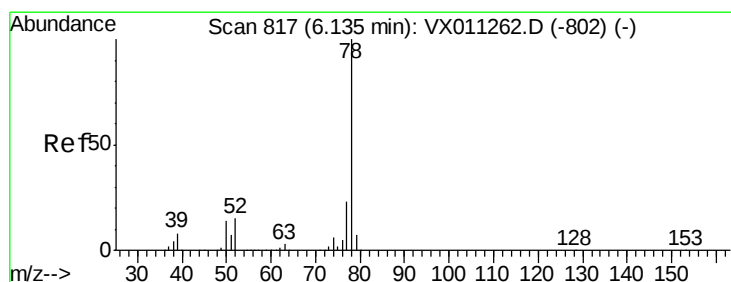
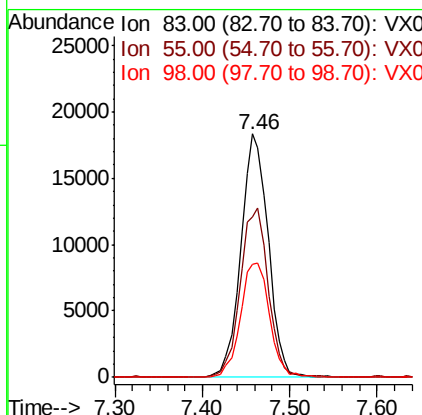
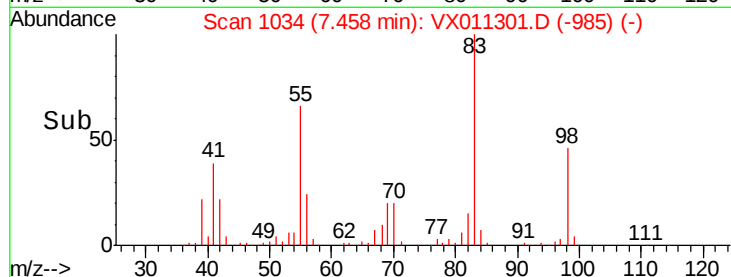
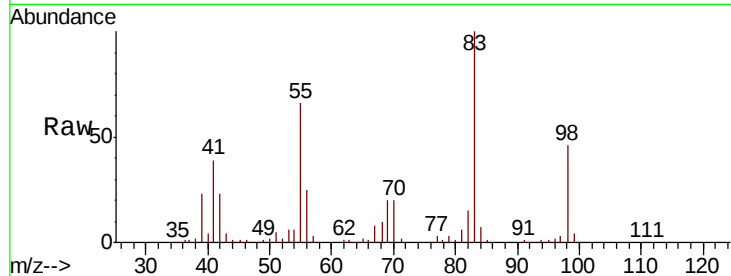
#39
Methylvlcyclohexane
Concen: 17.245 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.0	56.1	84.1
98	46.4	39.0	58.4

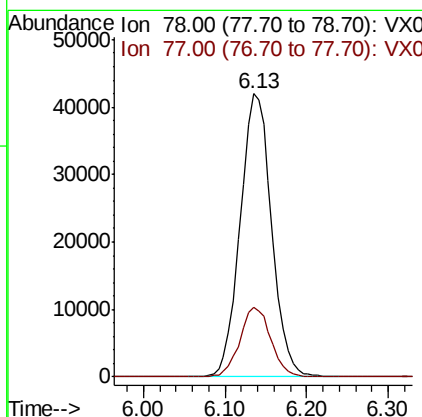
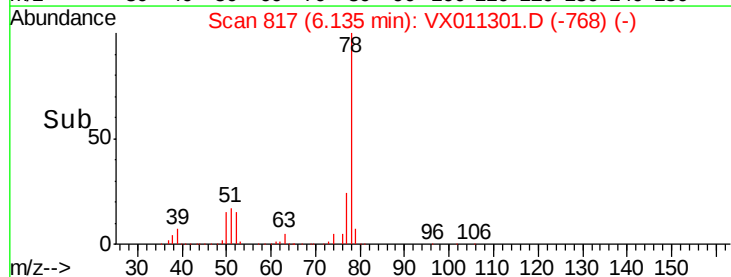
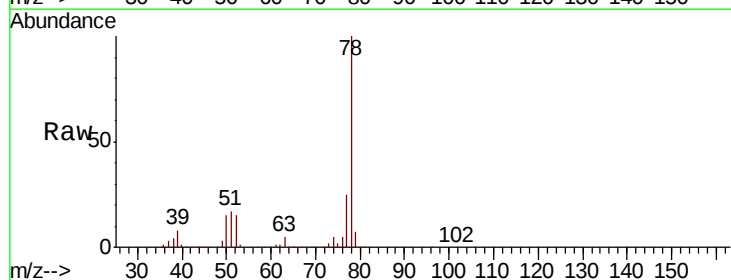
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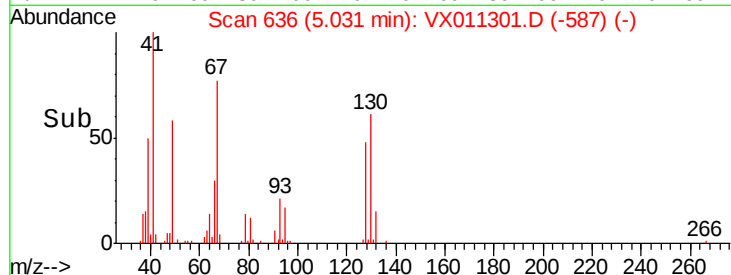
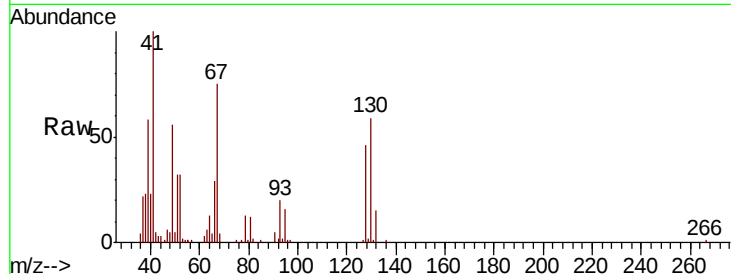
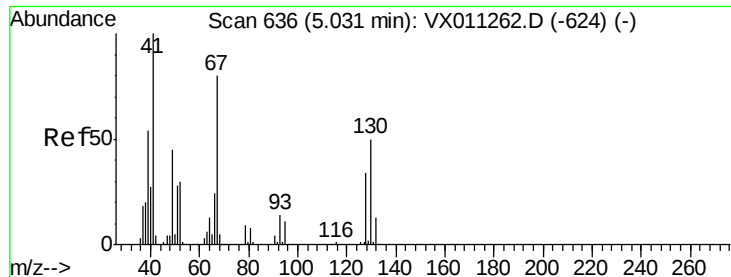
MMDadoda
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#40
Benzene
Concen: 19.330 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.2	27.2





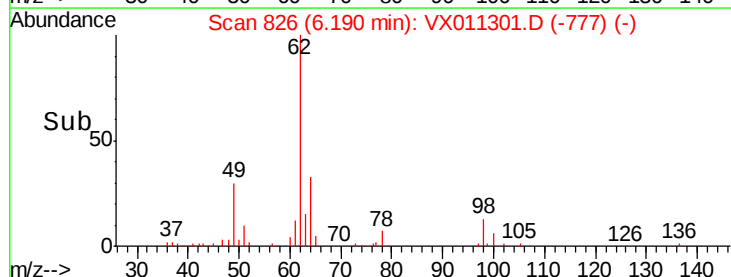
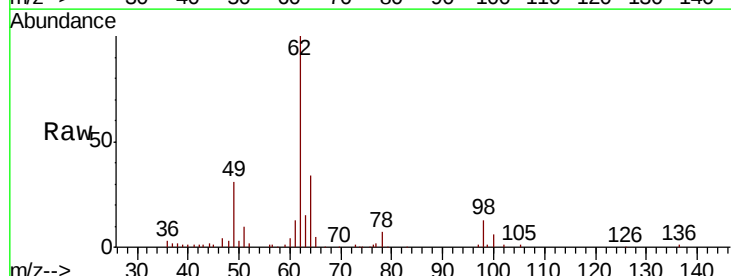
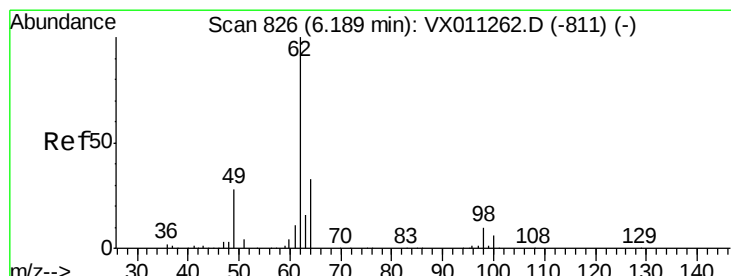
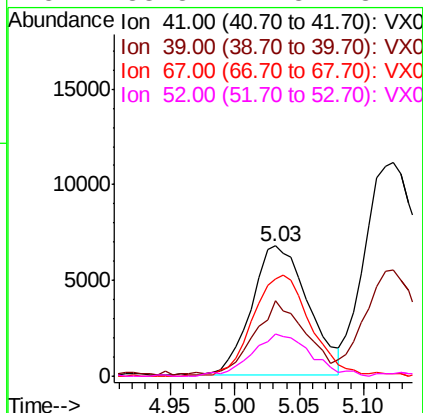
#41
Methacrylonitrile
Concen: 19.389 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		20617		
39	49.1	43.0	64.6		
67	79.3	65.1	97.7		
52	33.8	24.8	37.2		

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

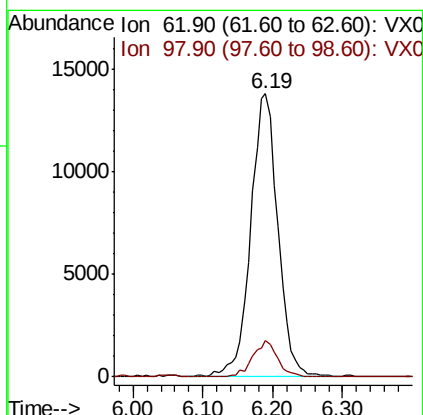
Manual Integrations
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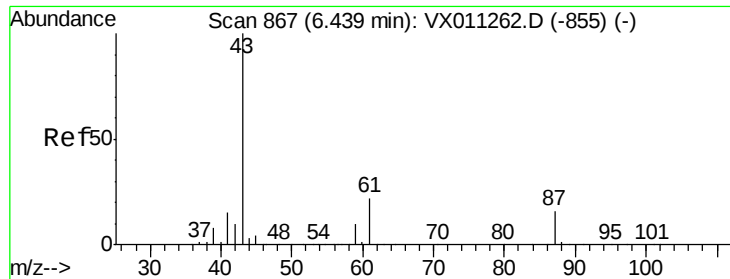
MMDadoda
8/6/2019 12:11:27 PM



#42
1,2-Dichloroethane
Concen: 19.086 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		37382		
98	11.3	0.0	20.6		





#43

Isopropyl Acetate

Concen: 18.633 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

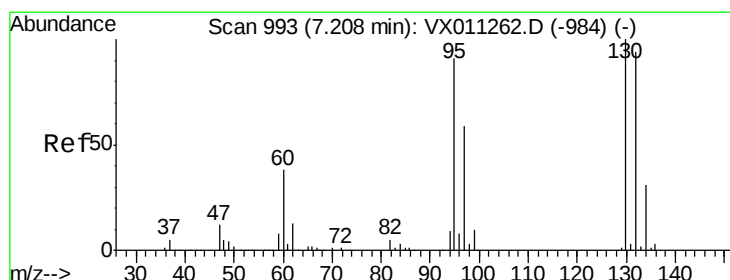
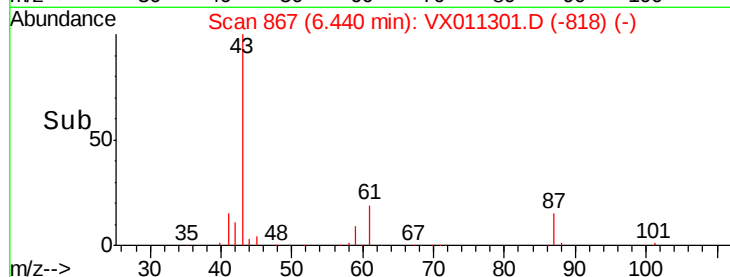
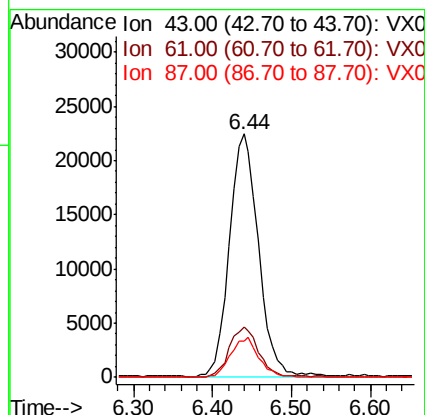
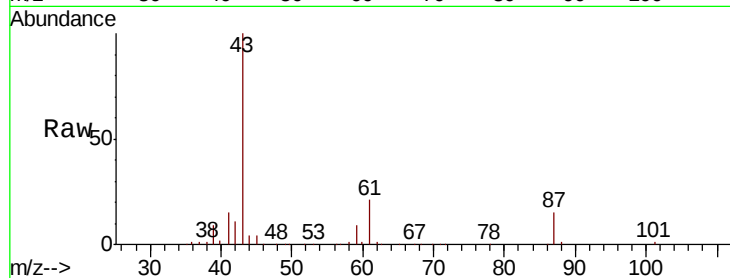
ClientSampleId :

VX0802MBSD01

Tot Ion:	43	Resp:	58003
Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.5	24.7
87	15.9	12.1	18.1

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#44

Trichloroethene

Concen: 18.628 ug/l

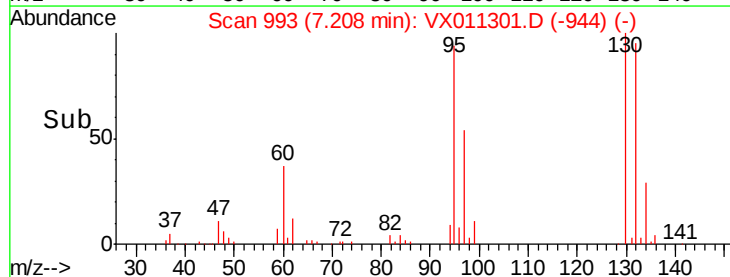
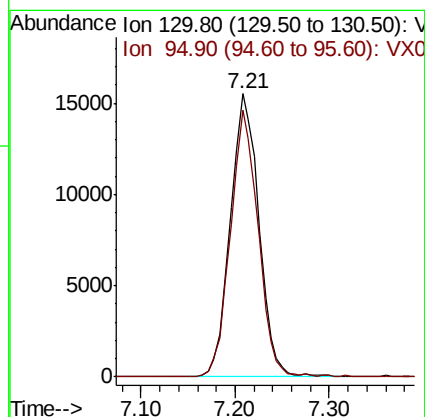
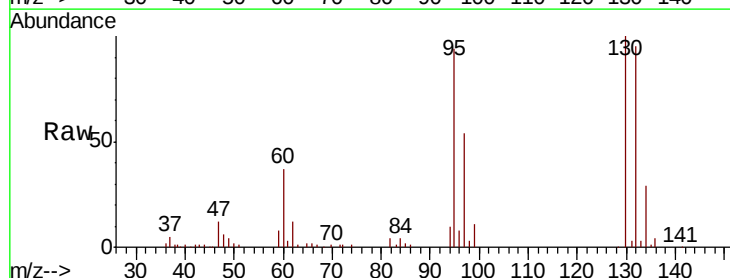
RT: 7.21 min Scan# 993

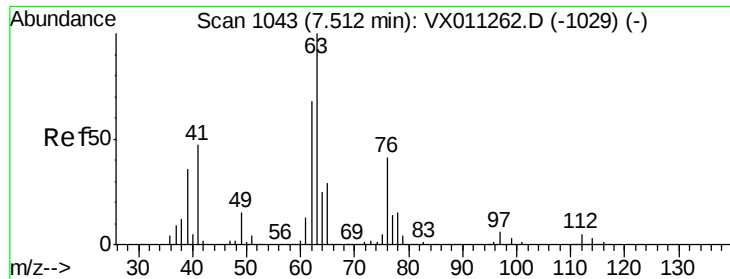
Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Tgt Ion:	130	Resp:	32659
Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	182.6





#45

1,2-Dichloropropane

Concen: 18.762 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

Tot Ion: 63 Resp: 28144

Ion Ratio Lower Upper

63 100

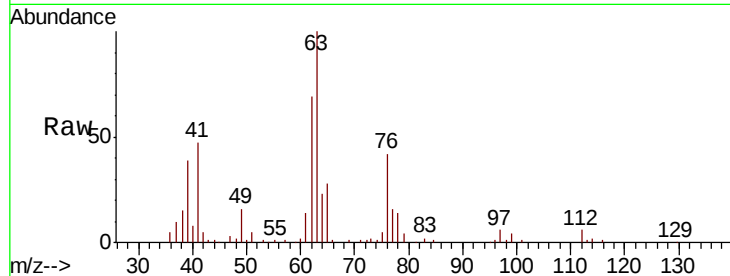
65 28.3 23.3 34.9

Manual Integrations

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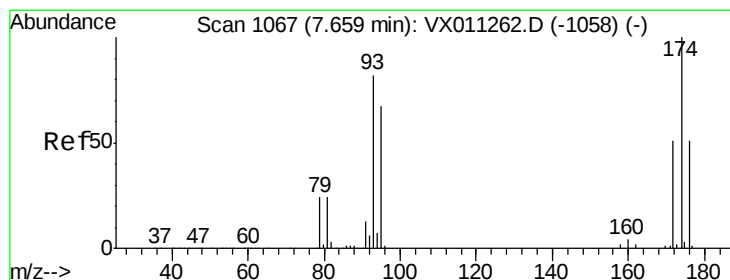
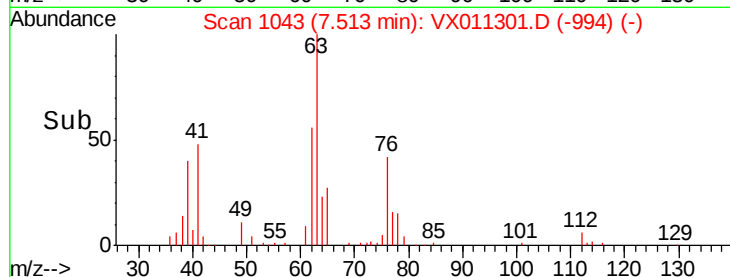
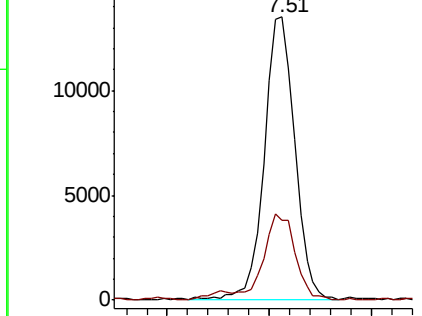
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.385 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

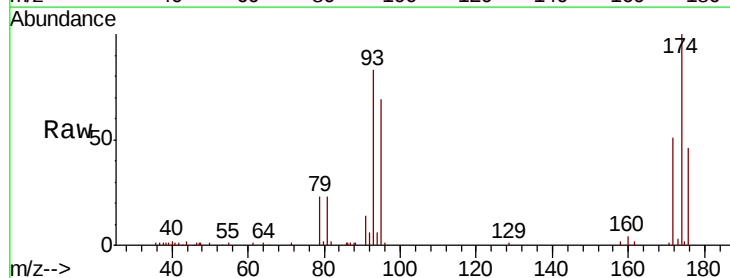
Tgt Ion: 93 Resp: 20133

Ion Ratio Lower Upper

93 100

95 85.0 66.4 99.6

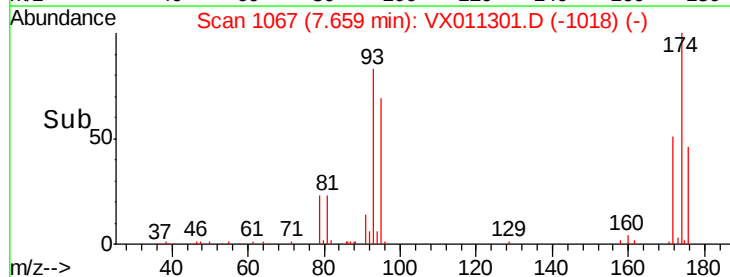
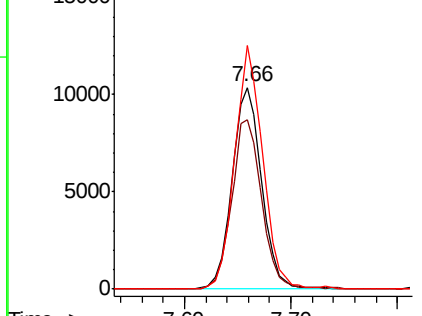
174 114.6 93.4 140.2

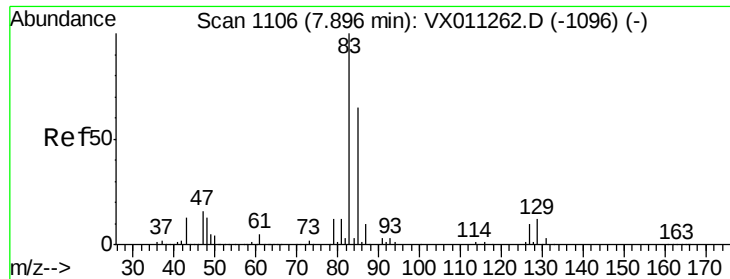


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.176 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

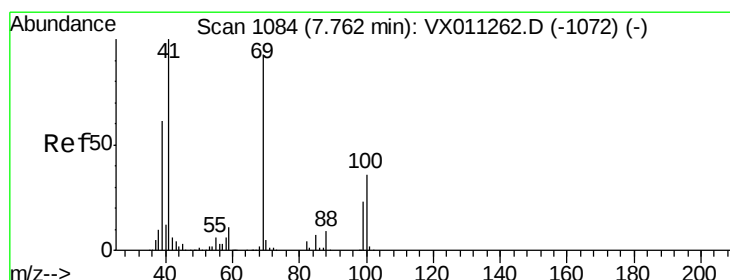
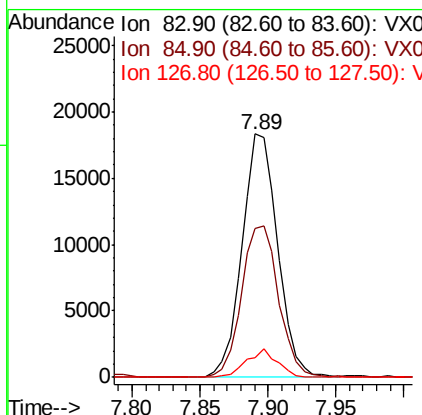
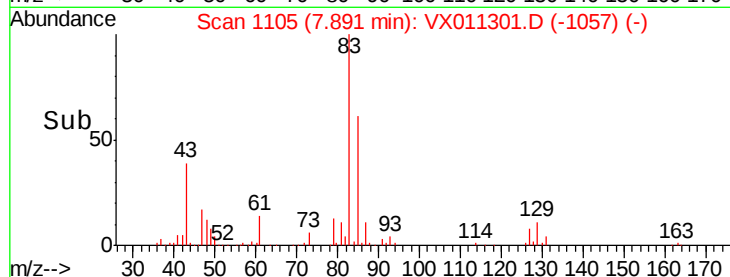
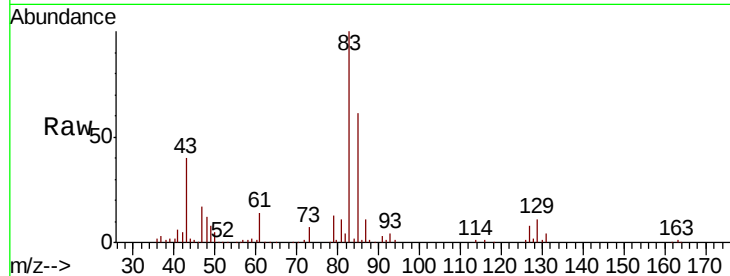
ClientSampleId :

VX0802MBSD01

Tot Ion:	83	Resp:	33699
Ion	Ratio	Lower	Upper
83	100		
85	61.2	52.2	78.2
127	7.9	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.742 ug/l

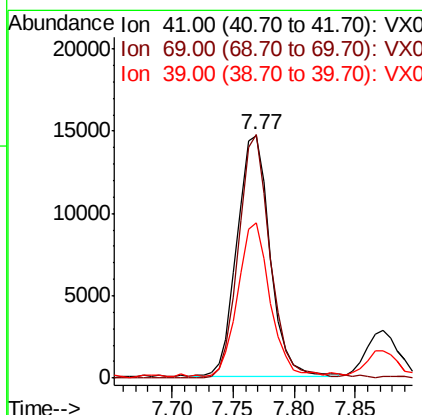
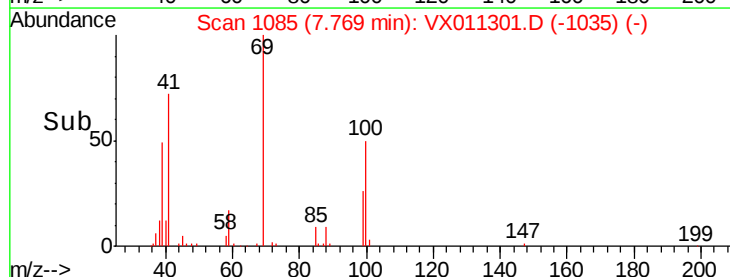
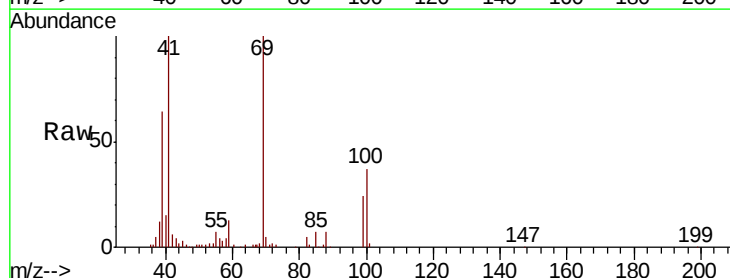
RT: 7.77 min Scan# 1085

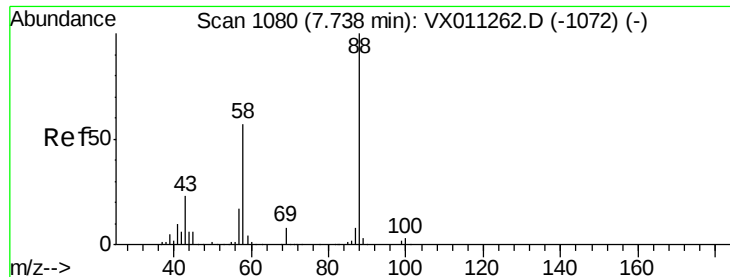
Delta R.T. 0.01 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Tgt Ion:	41	Resp:	27456
Ion	Ratio	Lower	Upper
41	100		
69	96.6	74.5	111.7
39	63.5	48.6	72.8





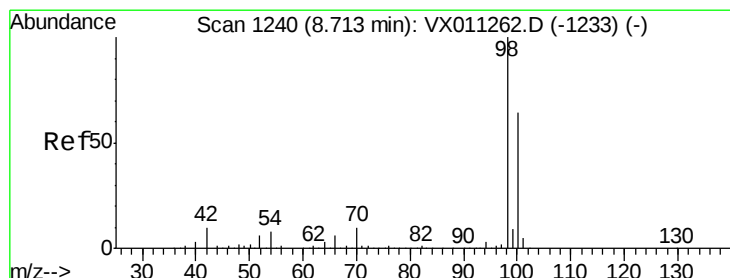
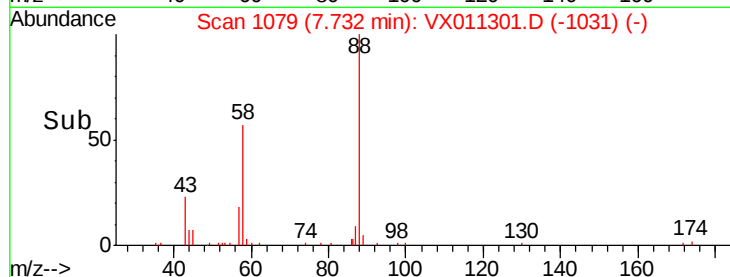
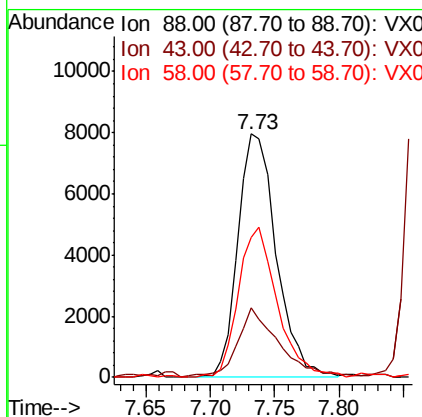
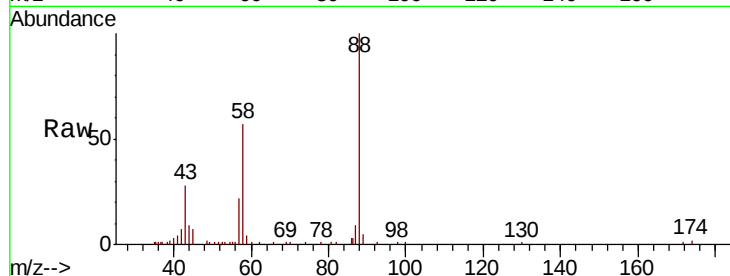
#49
1,4-Dioxane
Concen: 387.425 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.2	22.2	33.2
58	62.6	47.8	71.8

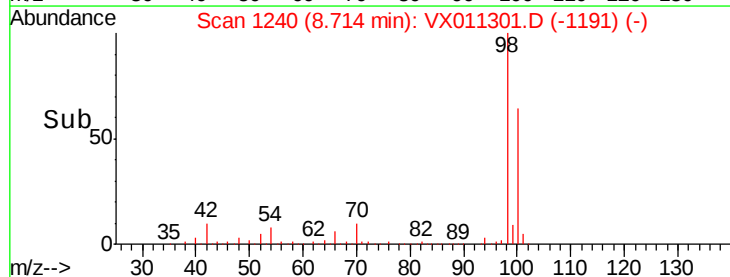
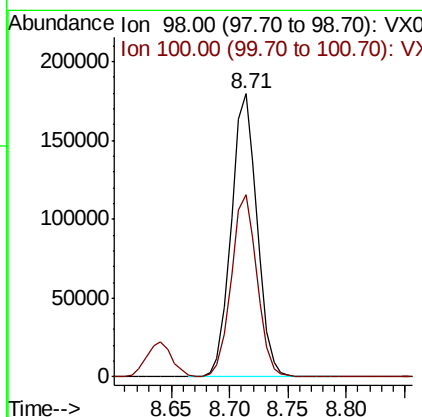
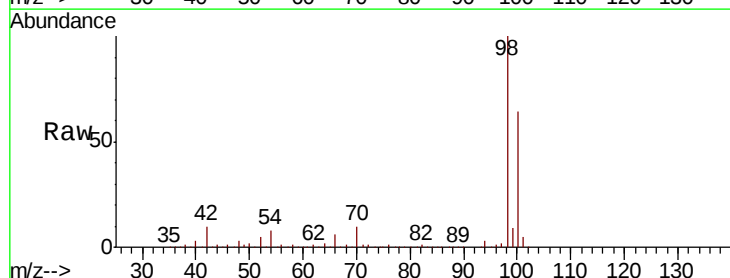
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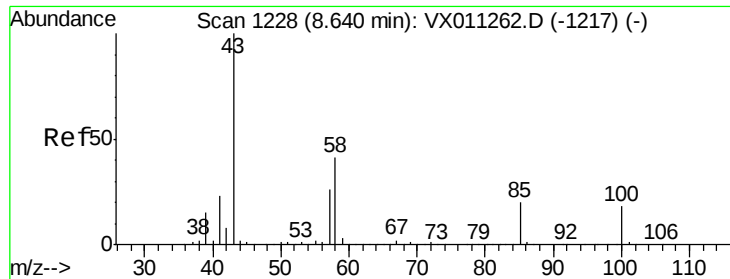
MMDadoda
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#50
Toluene-d8
Concen: 50.664 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 98.094 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

Tot Ion: 43 Resp: 197062

Ion Ratio Lower Upper

43 100

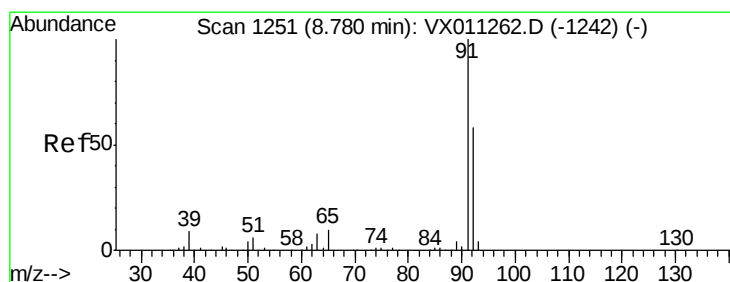
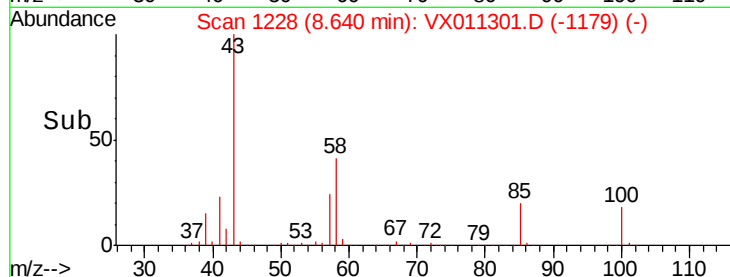
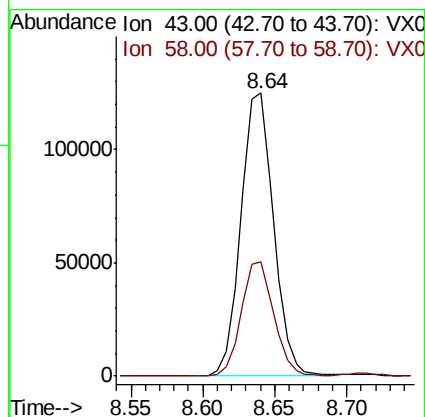
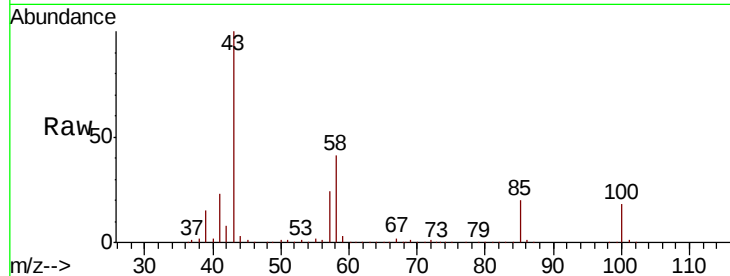
58 40.1 32.3 48.5

Manual Integrations

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#52

Toluene

Concen: 18.959 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011301.D

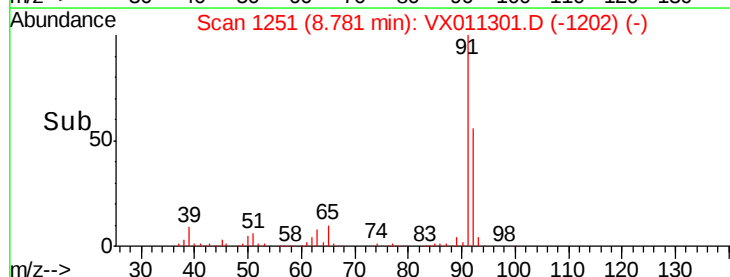
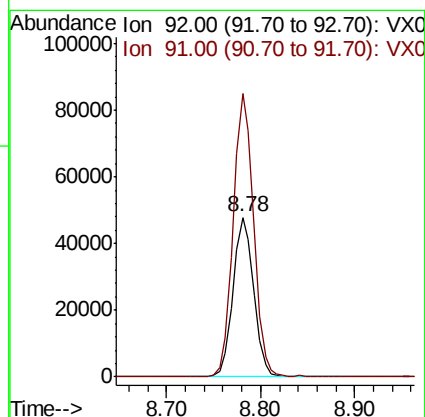
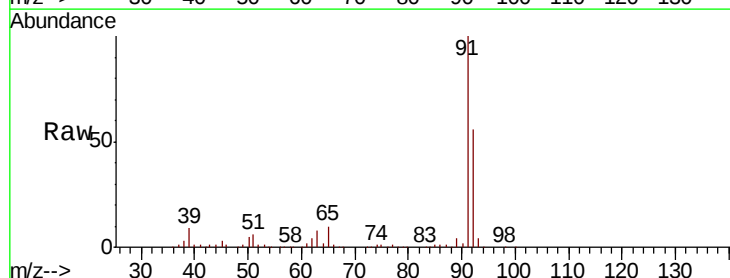
Acq: 02 Aug 2019 13:46

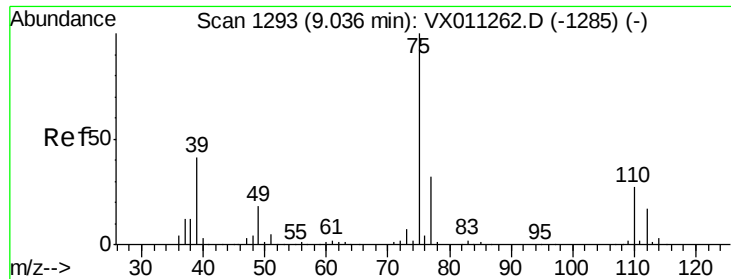
Tgt Ion: 92 Resp: 72606

Ion Ratio Lower Upper

92 100

91 175.2 139.4 209.0





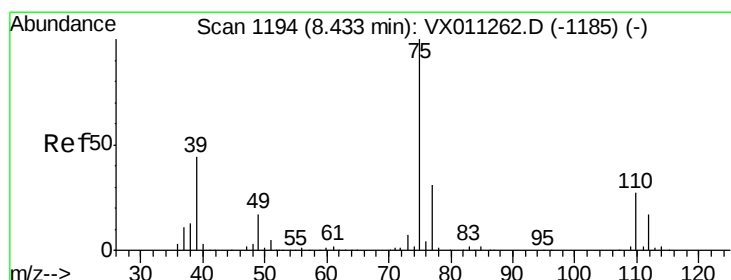
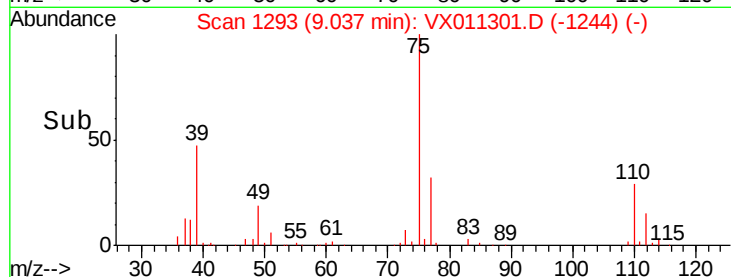
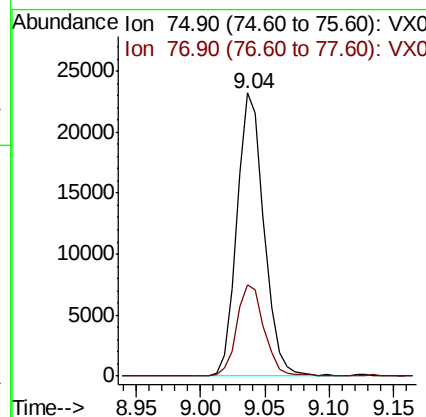
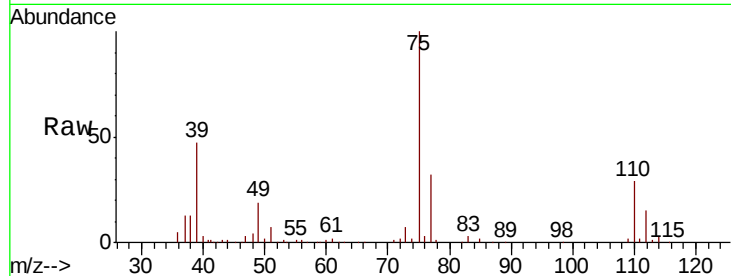
#53
t-1,3-Dichloropropene
Concen: 17.704 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

Tot Ion: 75 Resp: 34030
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

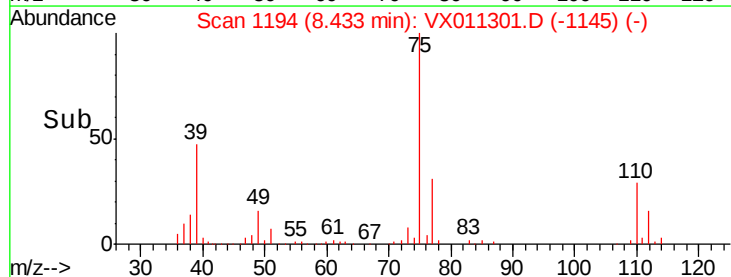
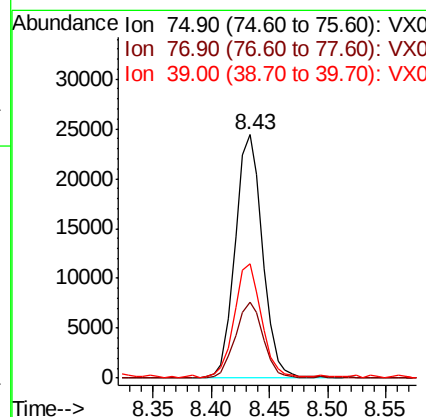
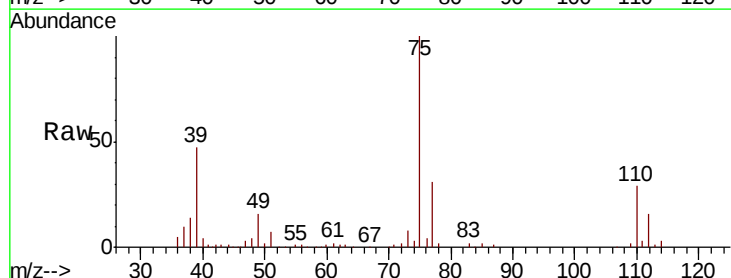
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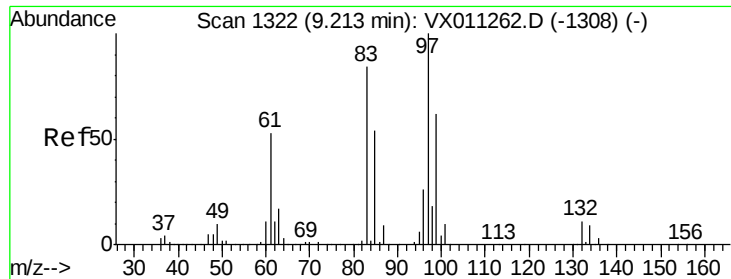
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#54
cis-1,3-Dichloropropene
Concen: 18.534 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion: 75 Resp: 40142
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6
39 46.2 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 19.171 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

Tot Ion: 97 Resp: 30186

Ion Ratio Lower Upper

97 100

83 87.5 67.6 101.4

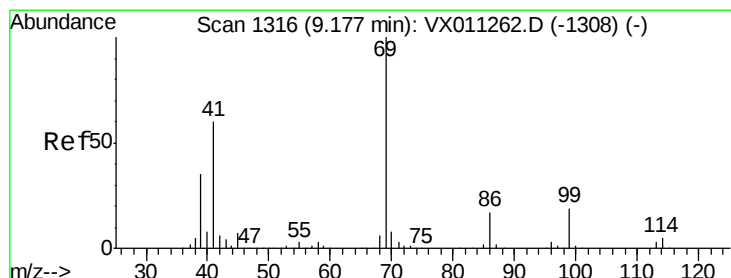
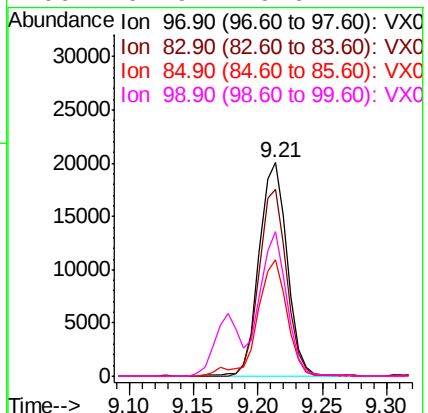
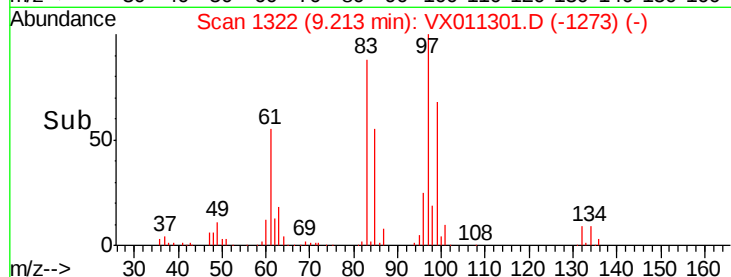
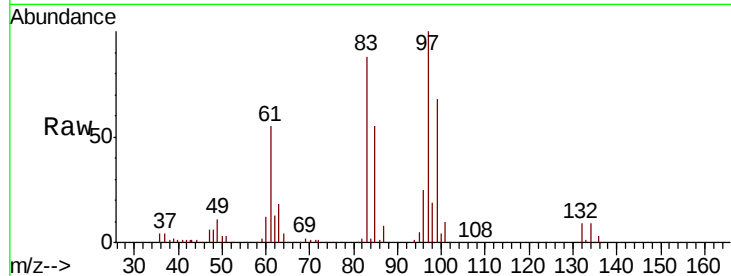
85 54.6 43.4 65.0

99 67.9 49.6 74.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 18.685 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

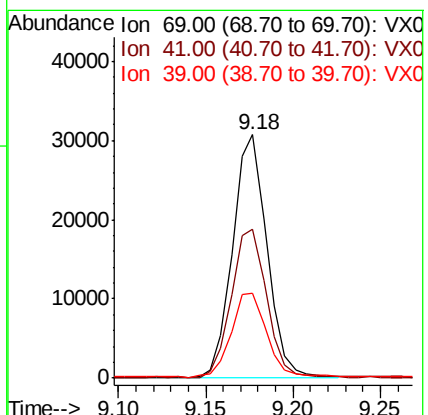
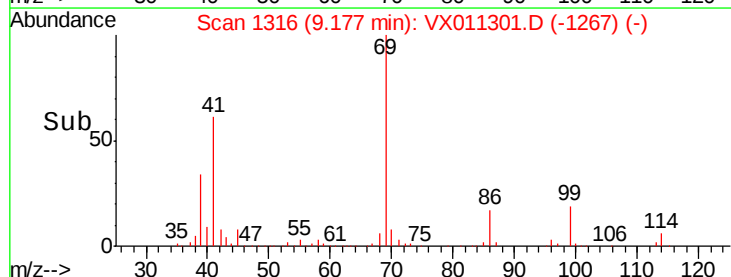
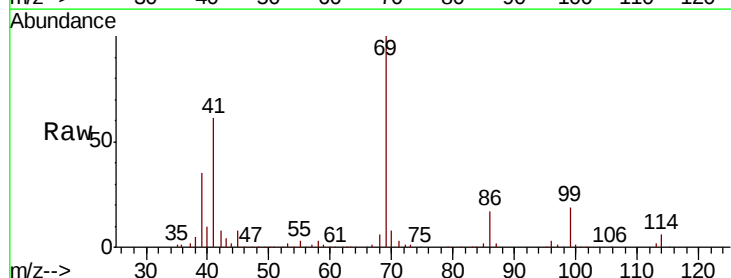
Tgt Ion: 69 Resp: 41927

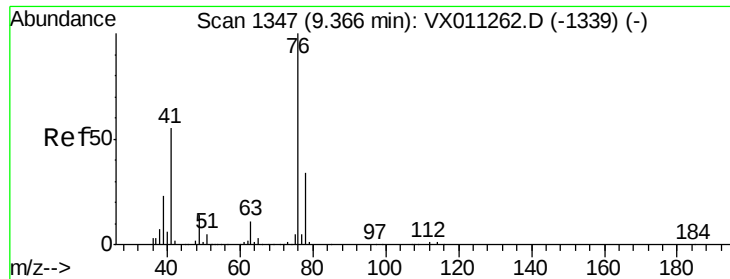
Ion Ratio Lower Upper

69 100

41 62.2 48.6 73.0

39 35.9 29.4 44.2





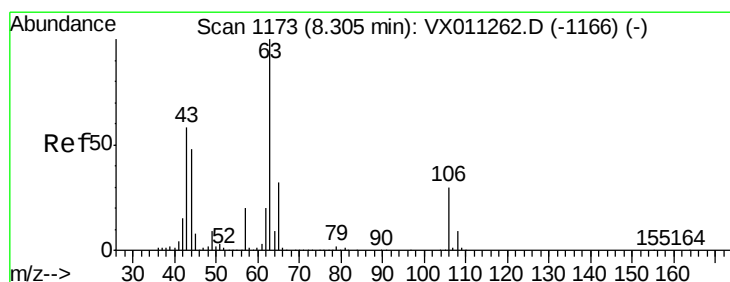
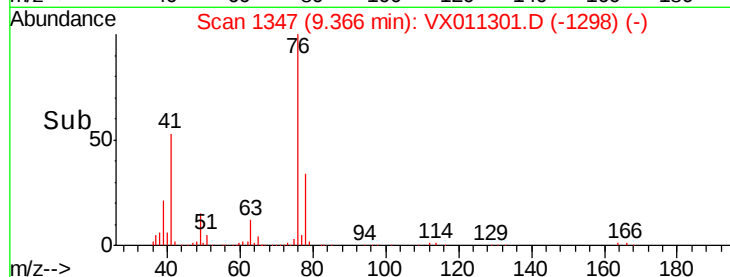
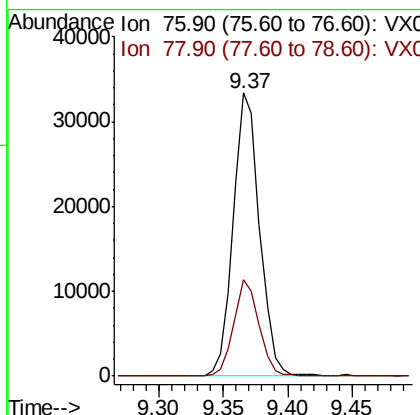
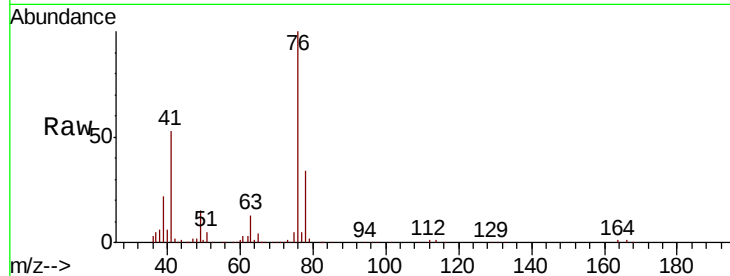
#57
 1,3-Dichloropropane
 Concen: 19.187 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.6	40.0

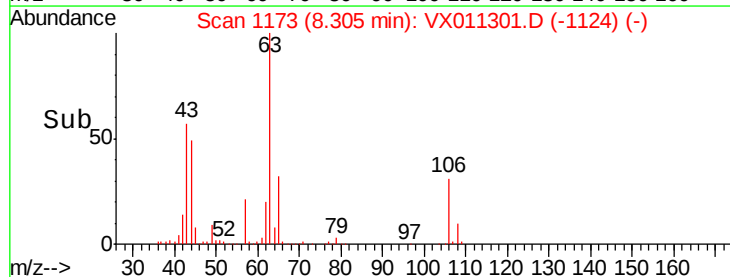
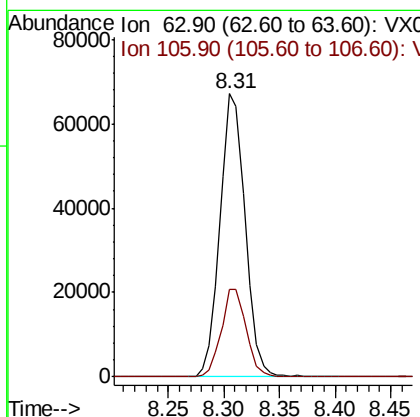
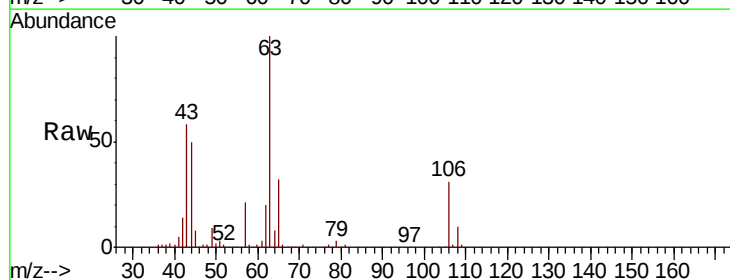
Manual Integrations
 APPROVED

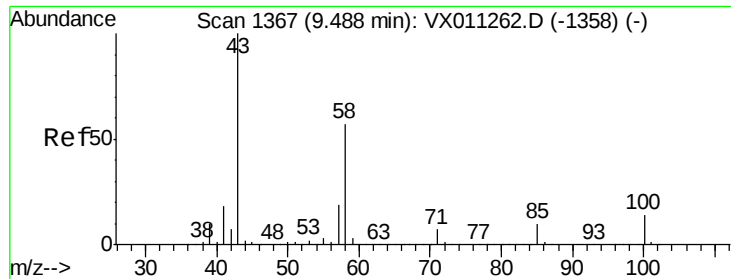
MMDadoda
 8/6/2019 12:11:27 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.596 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.6	24.4	36.6





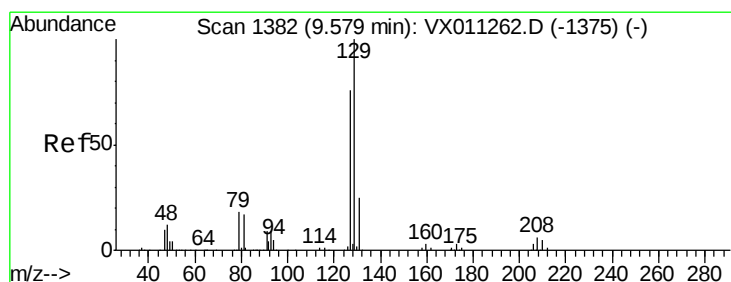
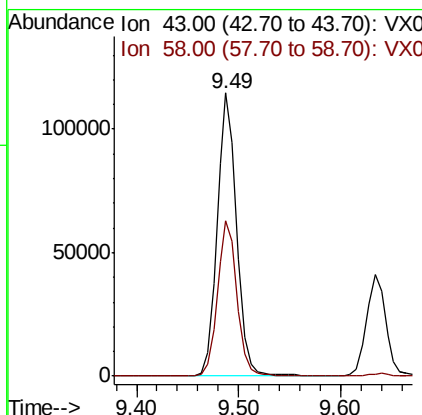
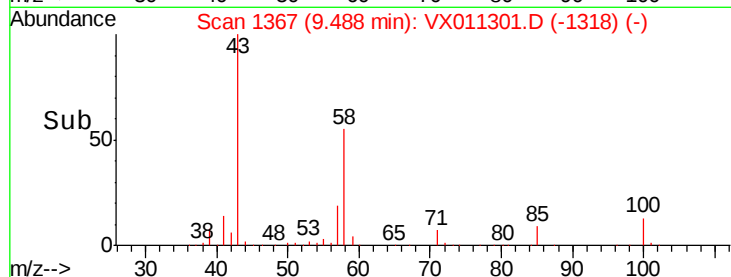
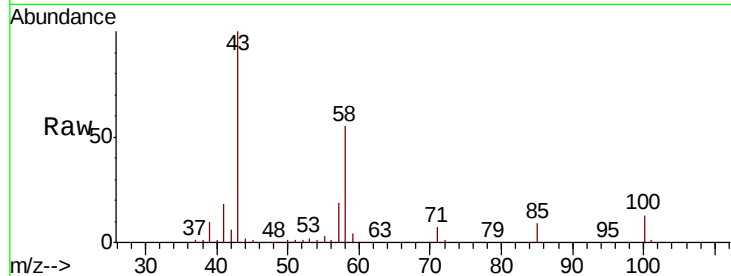
#59
2-Hexanone
Concen: 98.362 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampled :
VX0802MBS01

Tot Ion: 43 Resp: 153054
Ion Ratio Lower Upper
43 100
58 55.3 28.2 84.6

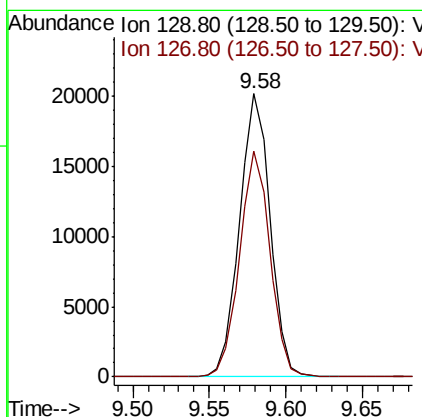
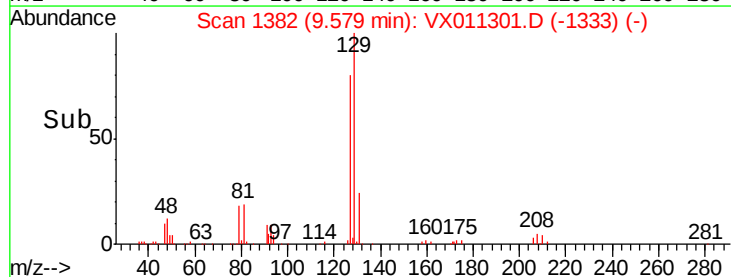
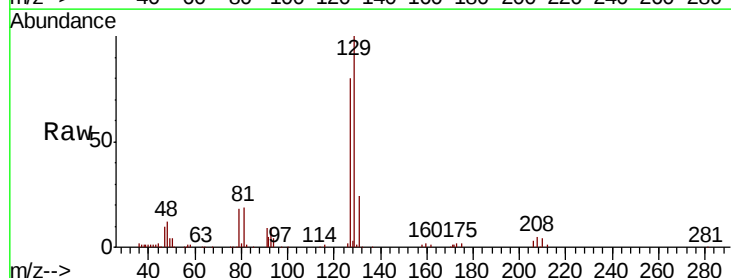
Manual Integrations
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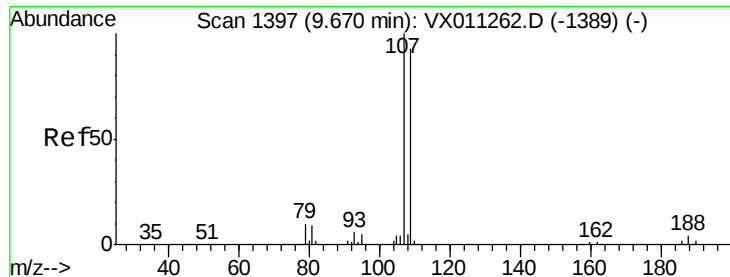
MMDadoda
8/6/2019 12:11:27 PM



#60
Dibromochloromethane
Concen: 17.418 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion:129 Resp: 28079
Ion Ratio Lower Upper
129 100
127 79.1 39.2 117.6





#61

1,2-Dibromoethane

Concen: 18.572 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBS01

Tot Ion: 107 Resp: 31594

Ion Ratio Lower Upper

107 100

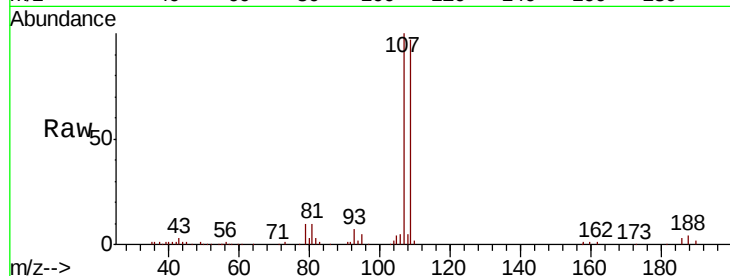
109 96.8 76.6 114.8

Manual Integrations

APPROVED

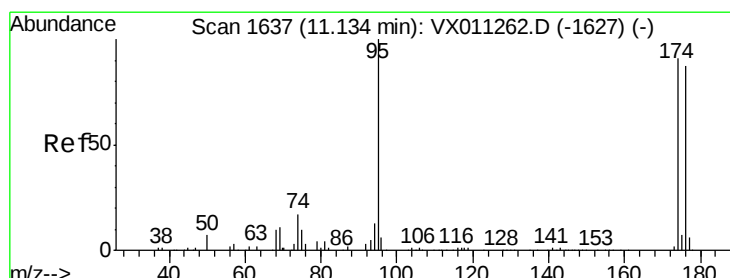
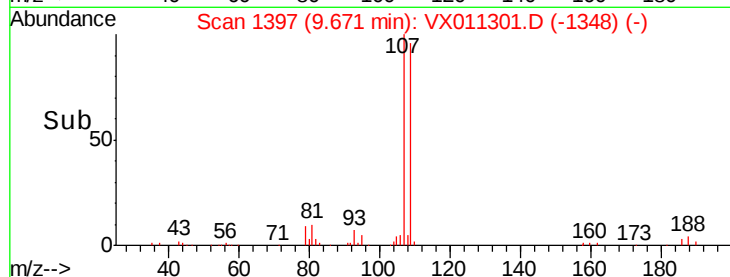
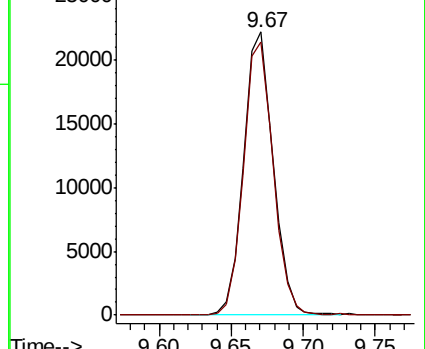
MMDadoda

8/6/2019 12:11:27 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.063 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

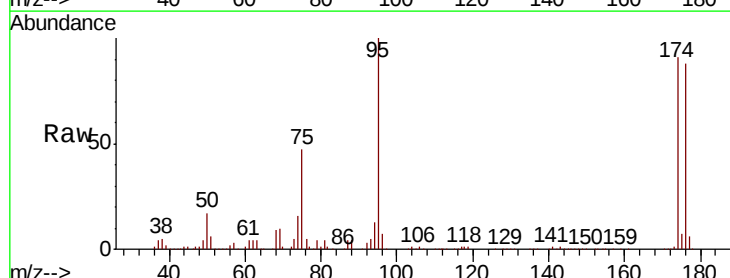
Tgt Ion: 95 Resp: 95973

Ion Ratio Lower Upper

95 100

174 95.1 0.0 191.2

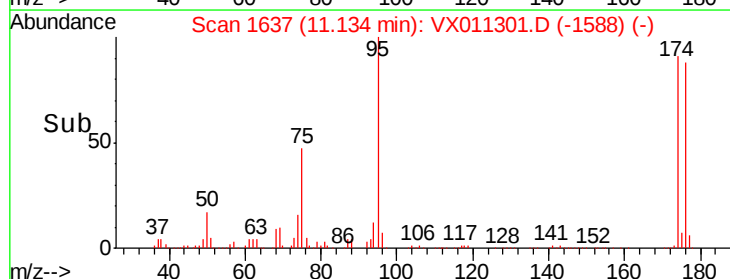
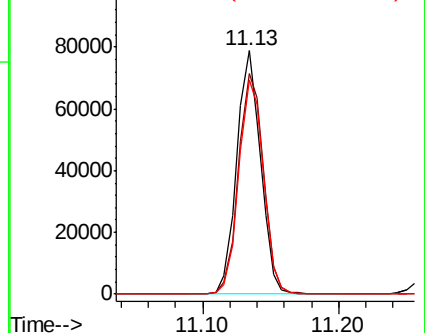
176 91.2 0.0 184.8

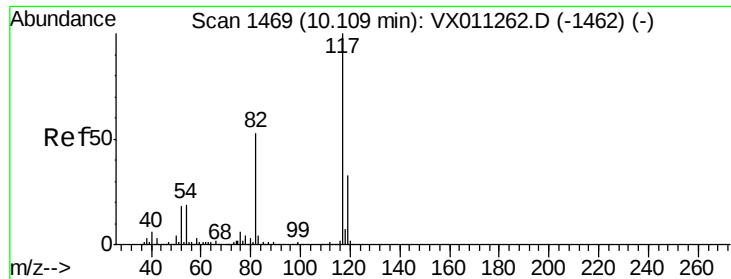


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





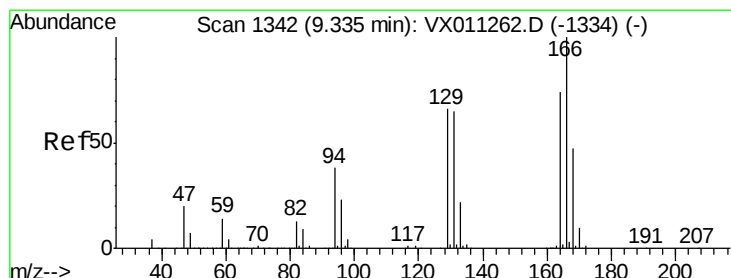
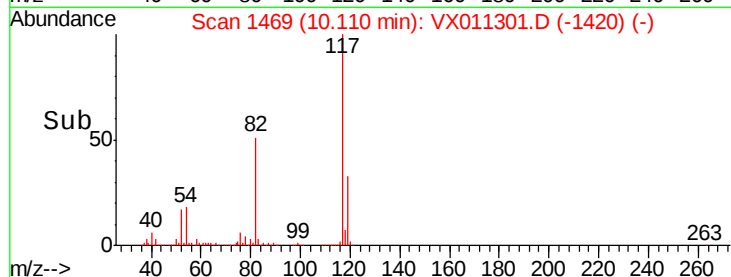
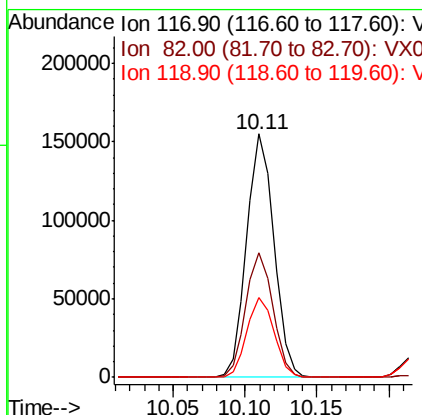
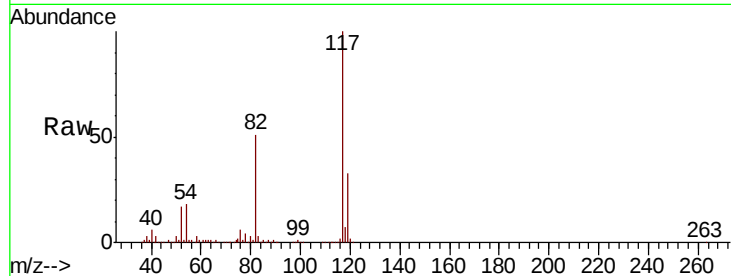
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	42.2	63.2
119	32.9	26.6	39.8

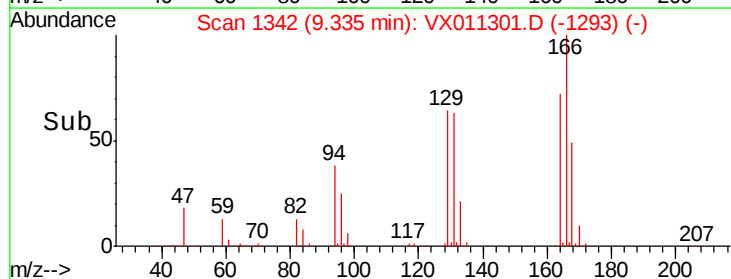
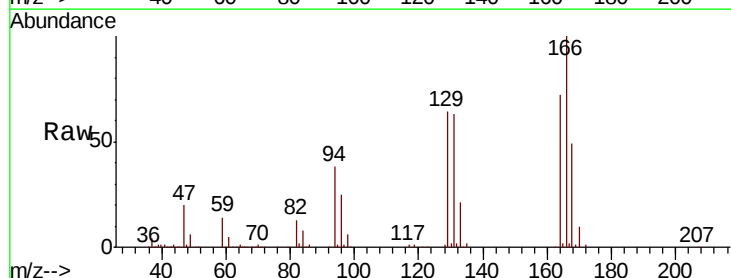
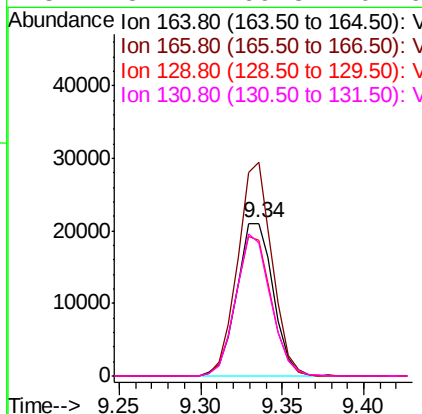
Manual Integrations
APPROVED

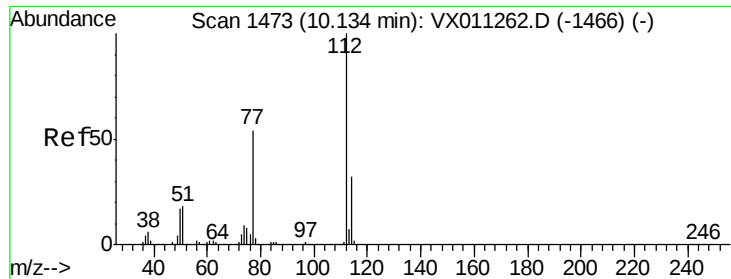
MMDadoda
8/6/2019 12:11:27 PM



#64
Tetrachloroethene
Concen: 18.937 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	139.8	107.5	161.3
129	89.2	71.0	106.4
131	87.4	69.8	104.6





#65

Chlorobenzene

Concen: 18.836 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampled :

VX0802MBSD01

Tot Ion:112 Resp: 82272

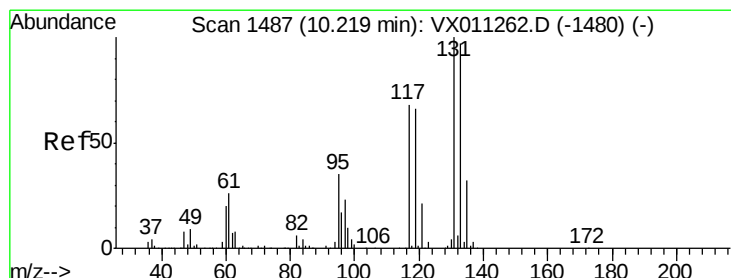
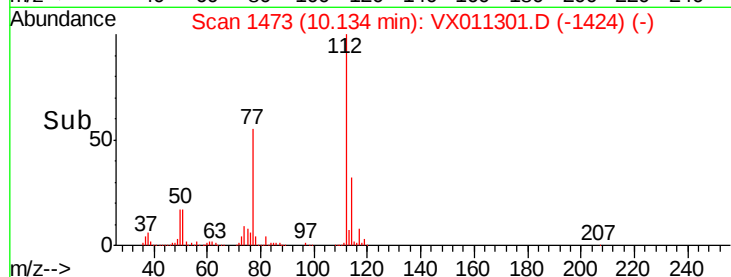
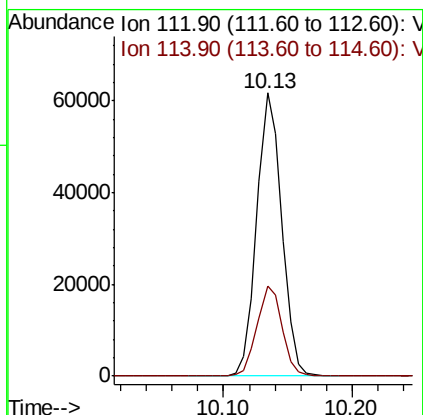
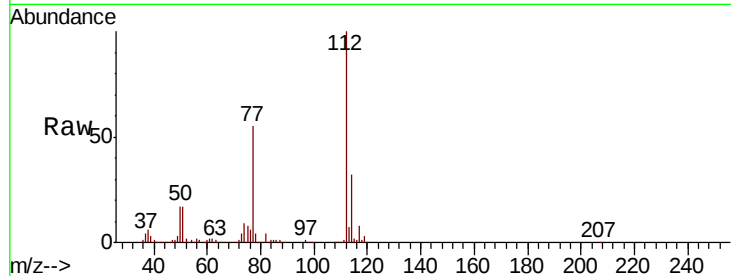
Ion Ratio Lower Upper

112 100

114 31.8 25.9 38.9

Manual Integrations
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.030 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

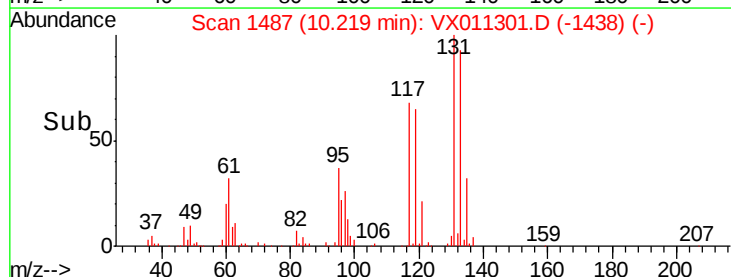
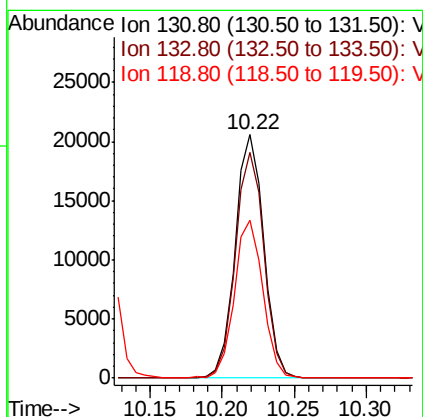
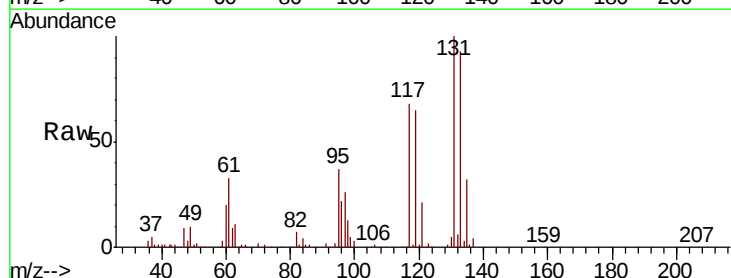
Tgt Ion:131 Resp: 28456

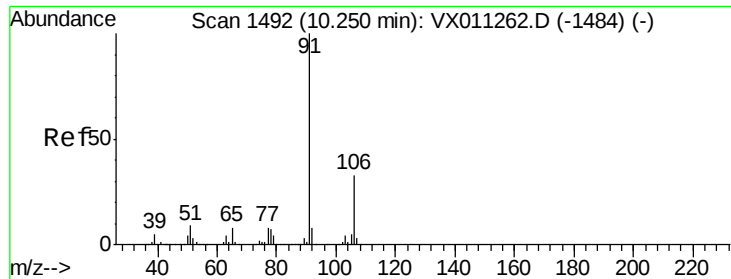
Ion Ratio Lower Upper

131 100

133 92.8 47.7 143.1

119 64.9 32.8 98.3





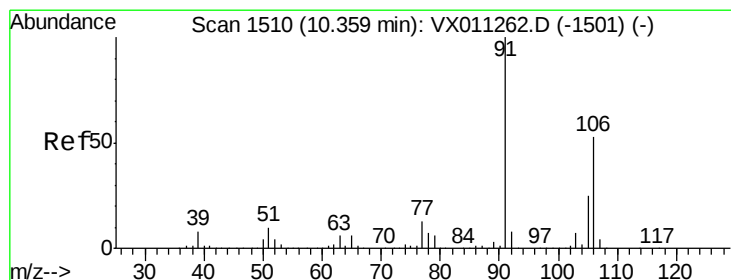
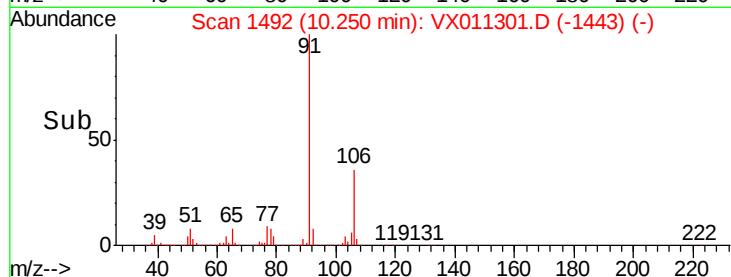
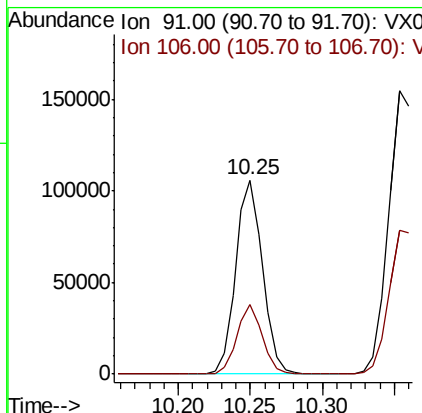
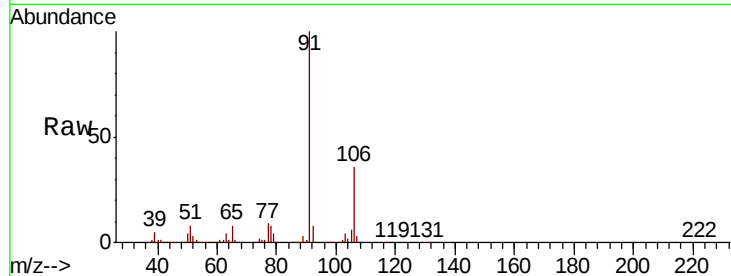
#67
Ethyl Benzene
Concen: 18.818 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampled :
VX0802MBS01

Tot Ion: 91 Resp: 137652
Ion Ratio Lower Upper
91 100
106 35.9 26.2 39.4

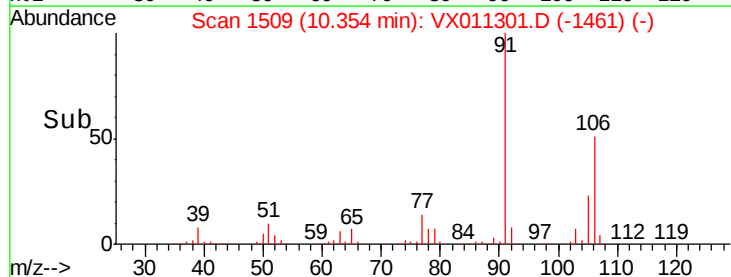
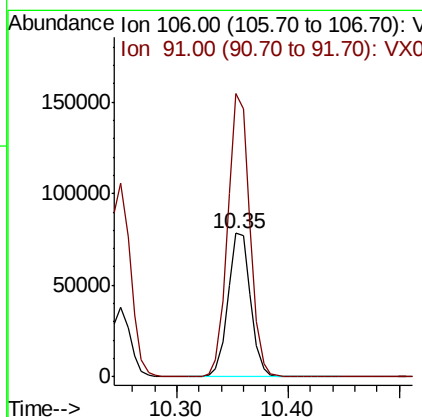
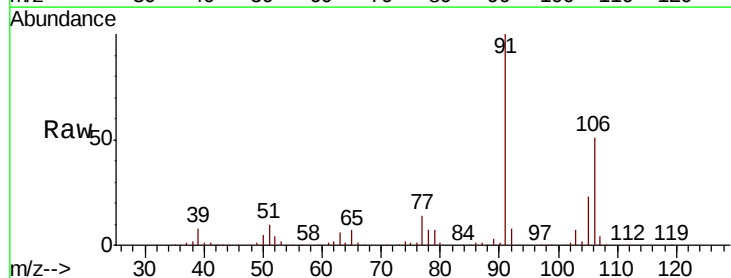
Manual Integrations
APPROVED

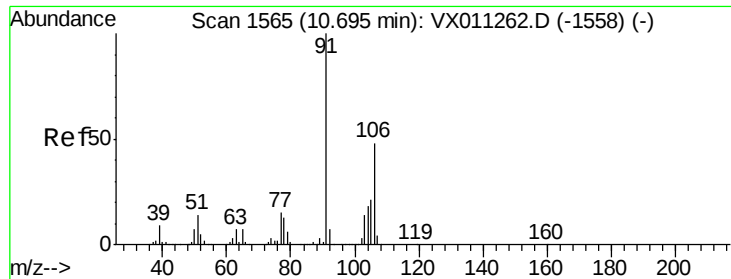
MMDadoda
8/6/2019 12:11:27 PM



#68
m/p-Xylenes
Concen: 38.583 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion: 106 Resp: 109169
Ion Ratio Lower Upper
106 100
91 193.7 155.9 233.9





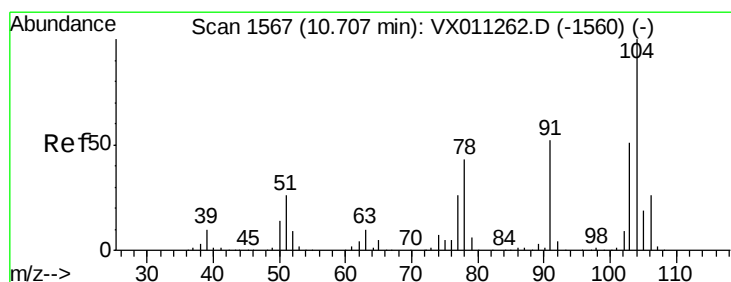
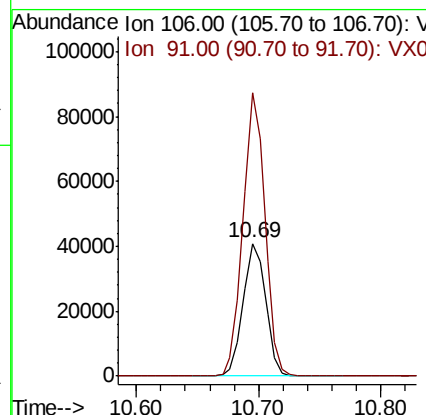
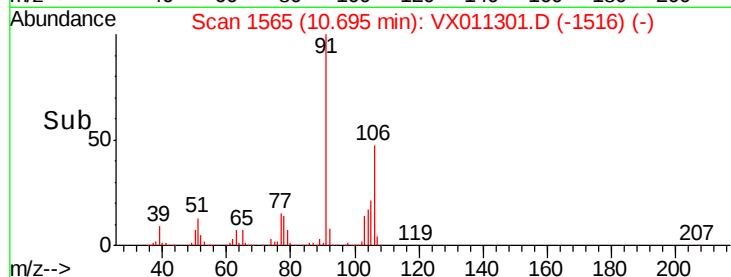
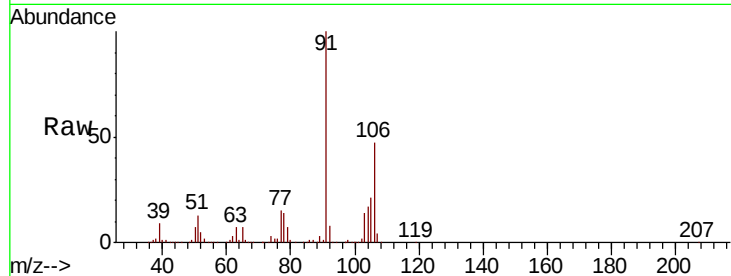
#69
o-Xylene
Concen: 18.816 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleID :
VX0802MBSD01

Tot Ion:106 Resp: 52309
Ion Ratio Lower Upper
106 100
91 207.7 103.8 311.3

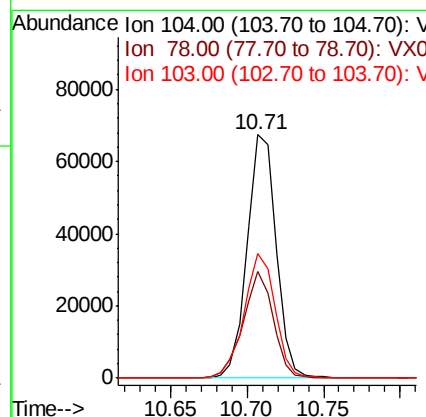
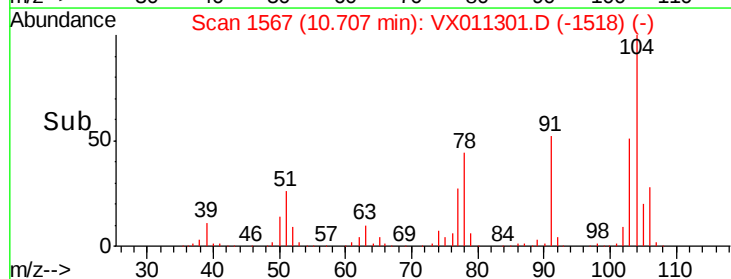
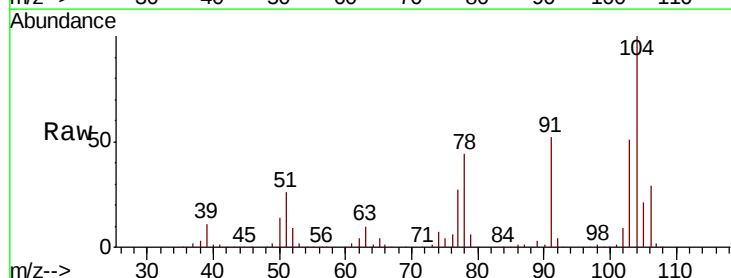
Manual Integrations
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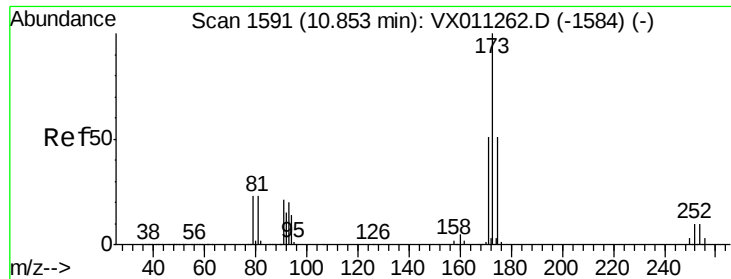
MMDadoda
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#70
Styrene
Concen: 19.373 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion:104 Resp: 89116
Ion Ratio Lower Upper
104 100
78 45.6 36.9 55.3
103 55.0 44.4 66.6





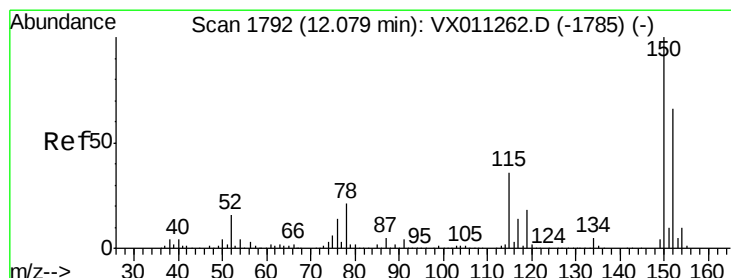
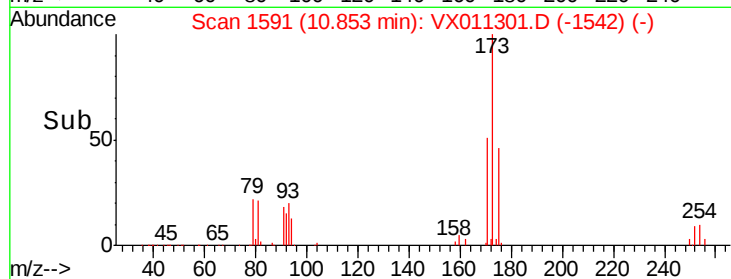
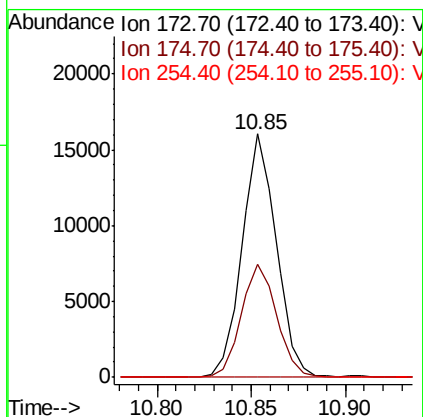
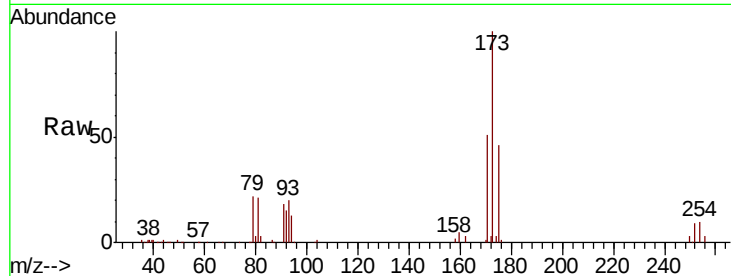
#71
Bromoform
Concen: 17.100 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.4	73.4
254	0.0	0.2	0.2

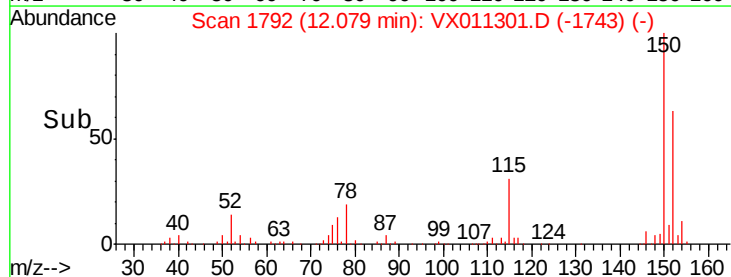
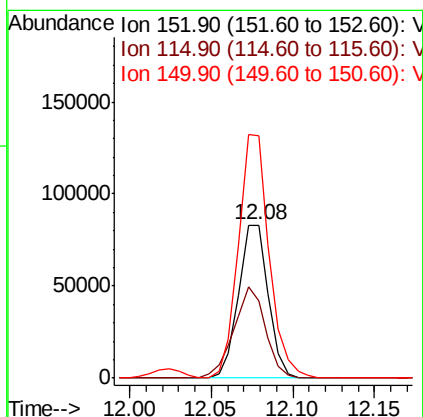
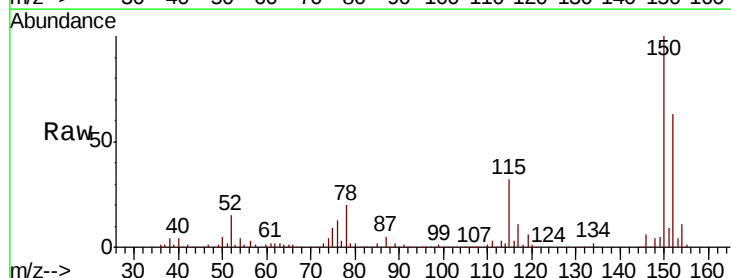
Manual Integrations
APPROVED

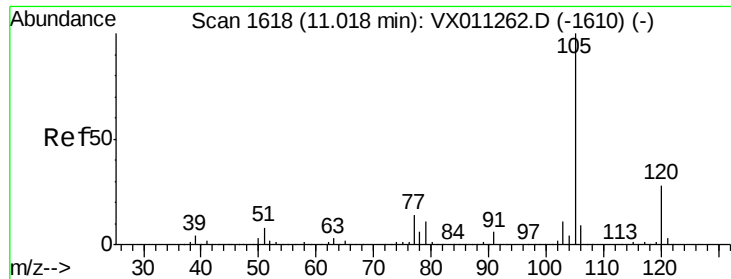
MMDadoda
8/6/2019 12:11:27 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.8	40.0	119.9
150	164.6	0.0	350.4





#73

Isopropylbenzene

Concen: 19.370 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

Tot Ion: 105 Resp: 139724

Ion Ratio Lower Upper

105 100

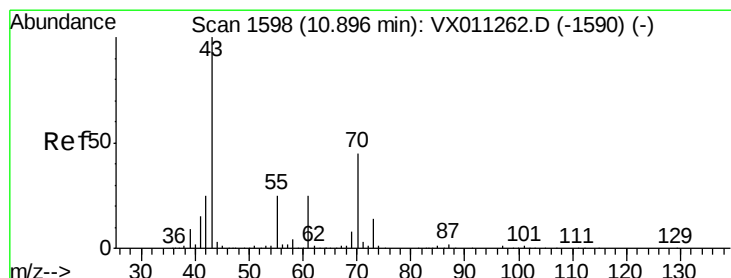
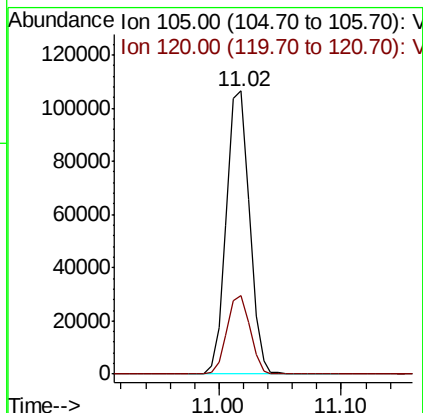
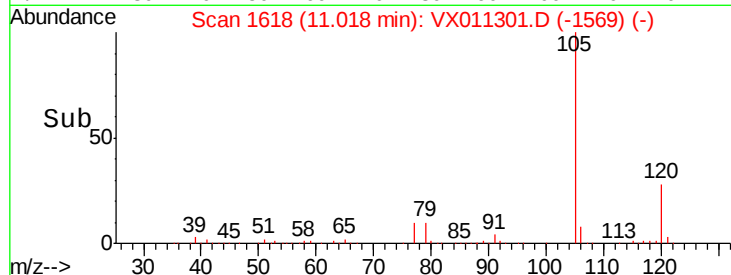
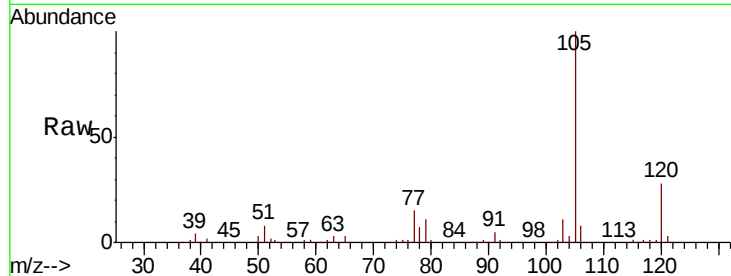
120 27.7 13.7 41.1

Manual Integrations

APPROVED

MMDadoda

8/6/2019 12:11:27 PM



#74

N-ethyl acetate

Concen: 19.461 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Tgt Ion: 43 Resp: 50723

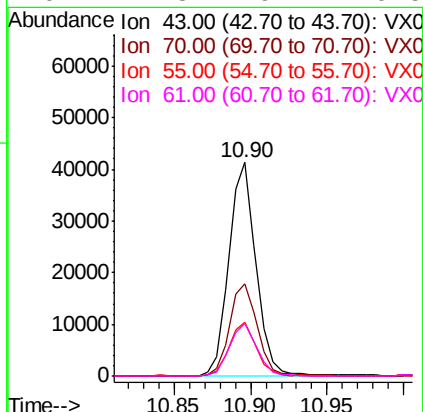
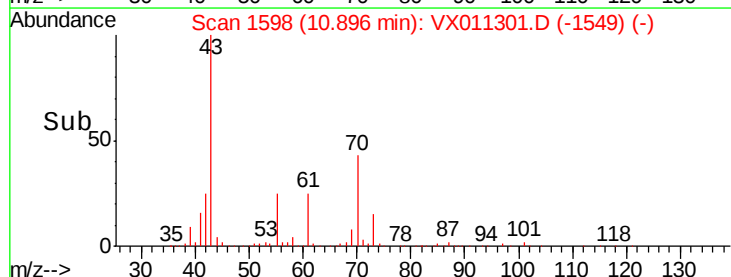
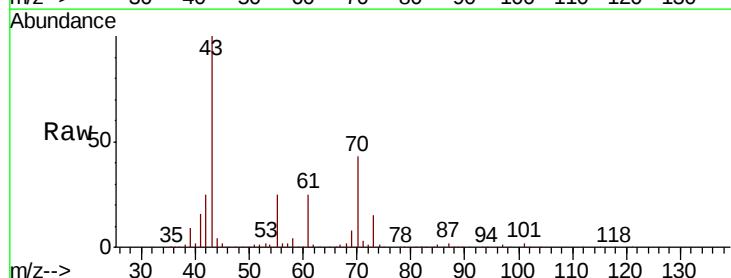
Ion Ratio Lower Upper

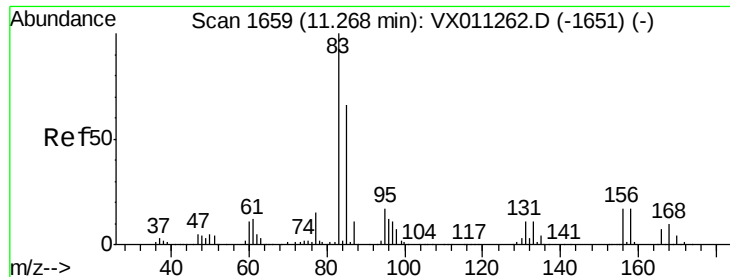
43 100

70 44.9 35.9 53.9

55 25.6 19.8 29.6

61 24.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.603 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

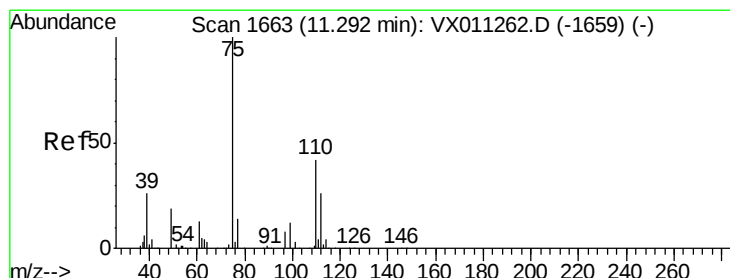
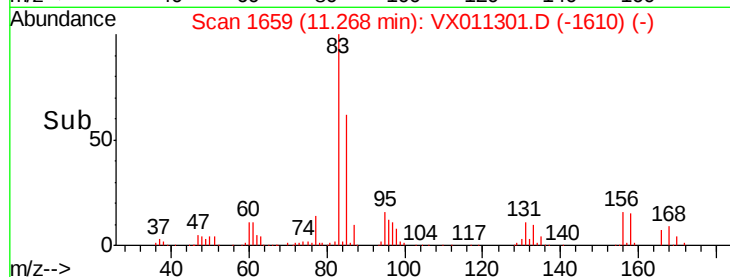
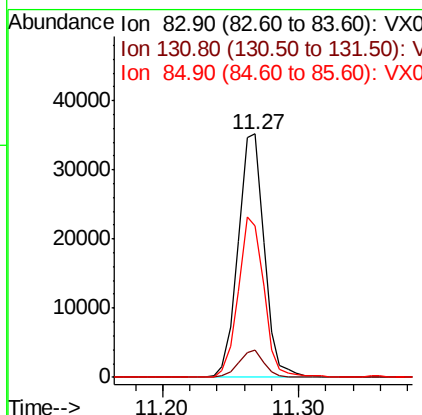
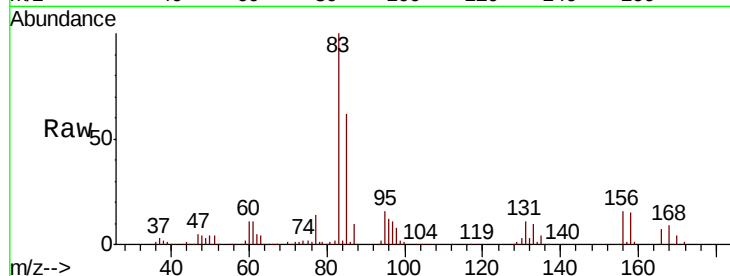
ClientSampleId :

VX0802MBSD01

Tot Ion:	83	Resp:	47123
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.6	16.8
85	64.9	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.973 ug/l m

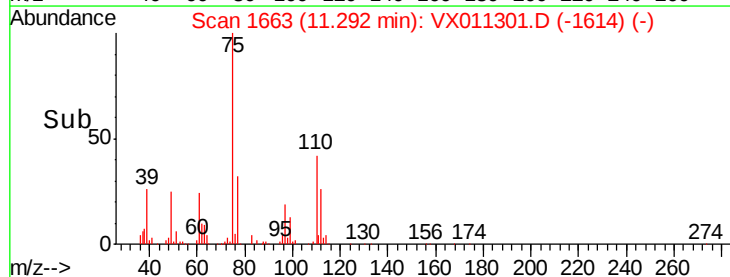
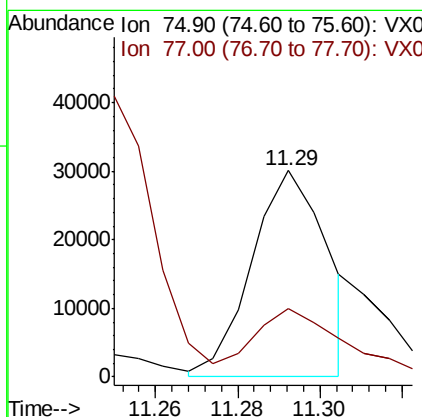
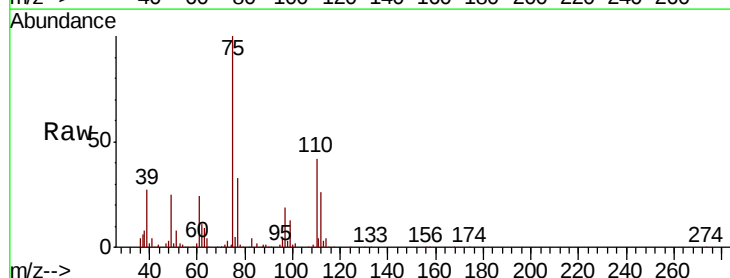
RT: 11.29 min Scan# 1663

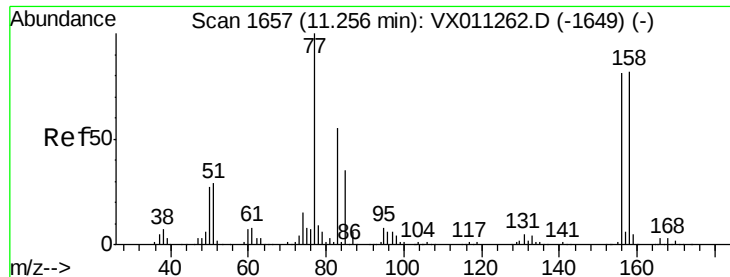
Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Tgt Ion:	75	Resp:	38362
Ion Ratio	Lower	Upper	
75	100		
77	40.5	21.1	63.4





#77

Bromobenzene

Concen: 19.230 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

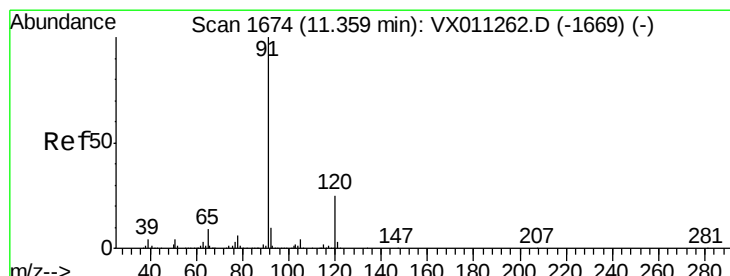
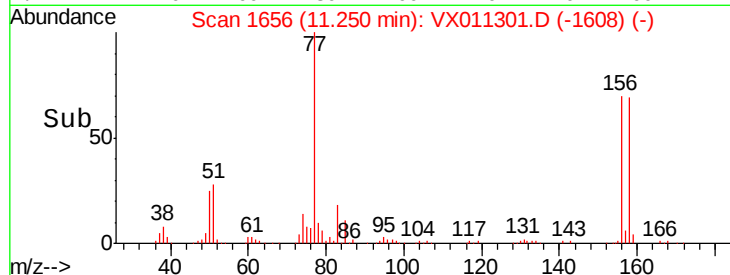
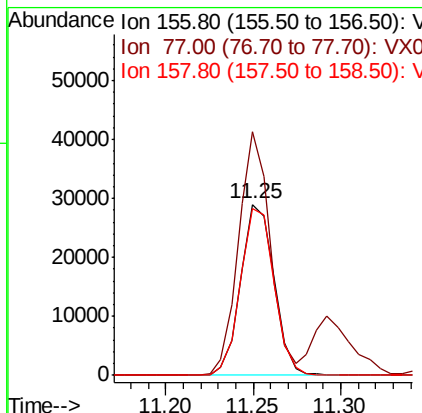
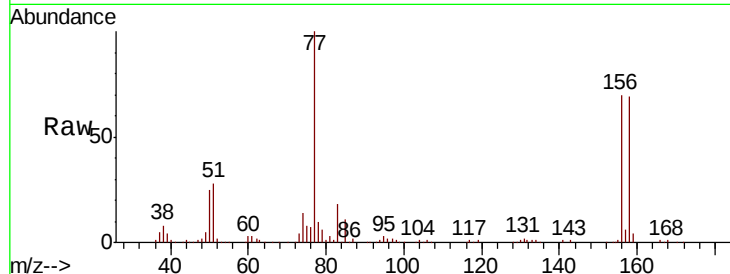
ClientSampleId :

VX0802MBSD01

Tot Ion:	156	Resp:	38465
Ion	Ratio	Lower	Upper
156	100		
77	134.7	66.2	198.6
158	99.0	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 19.198 ug/l

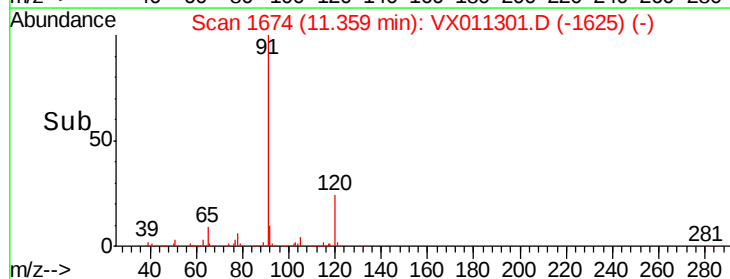
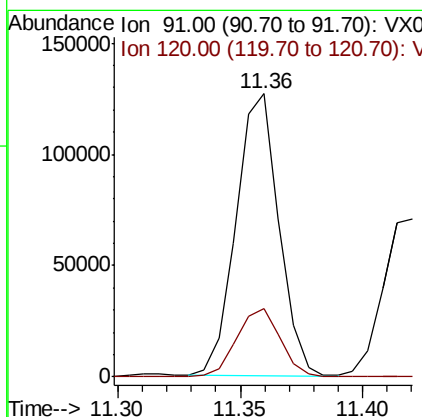
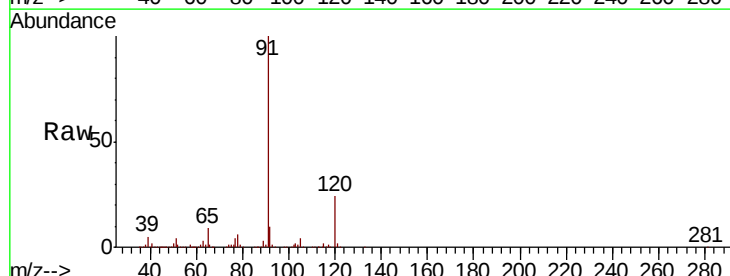
RT: 11.36 min Scan# 1674

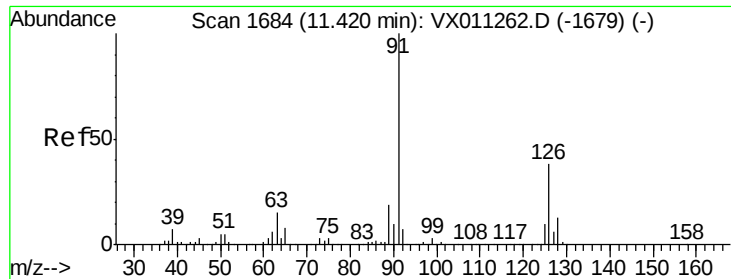
Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Tgt Ion:	91	Resp:	153999
Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.4	37.0





#79

2-Chlorotoluene

Concen: 19.176 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

Tot Ion: 91 Resp: 91684

Ion Ratio Lower Upper

91 100

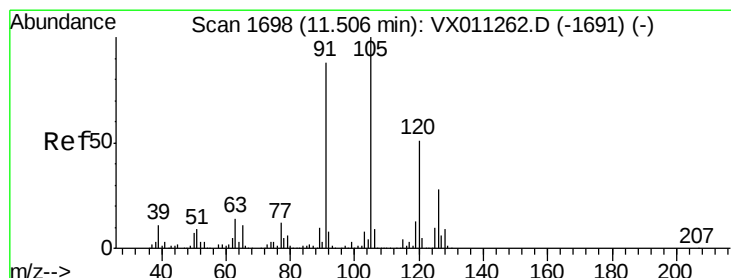
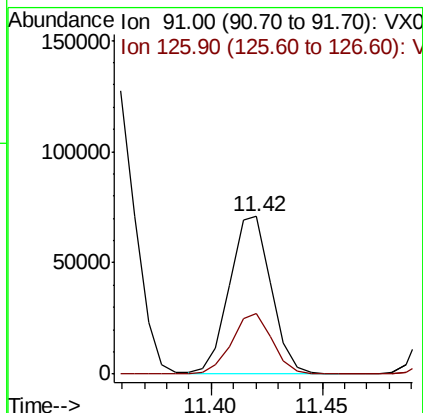
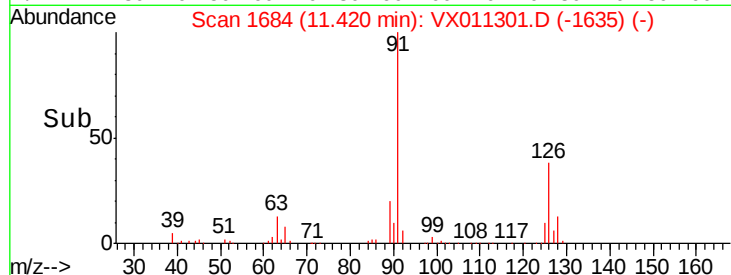
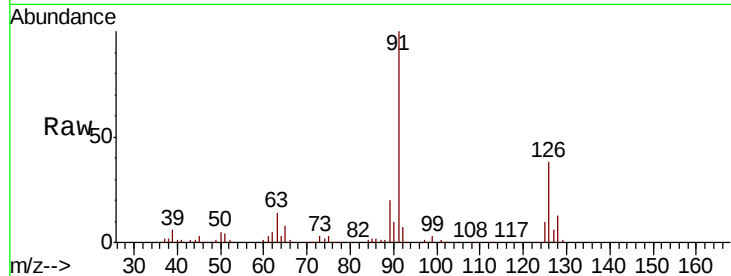
126 37.6 18.5 55.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.343 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011301.D

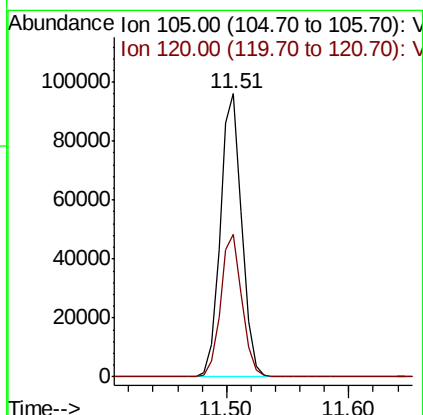
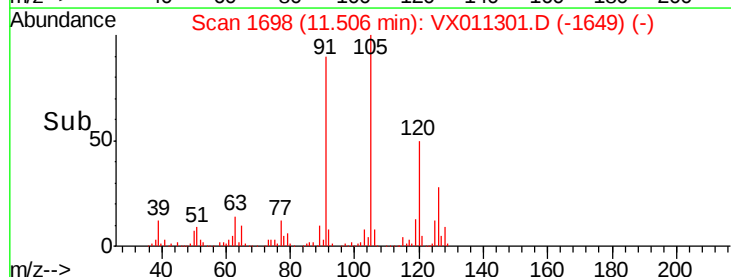
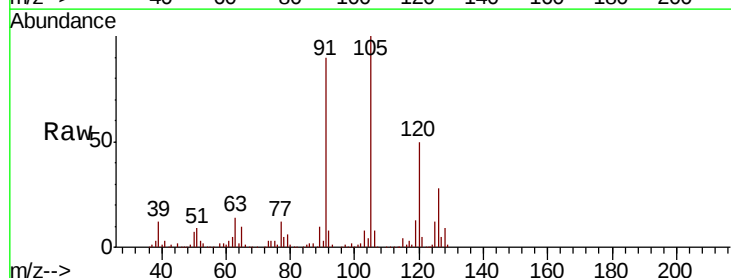
Acq: 02 Aug 2019 13:46

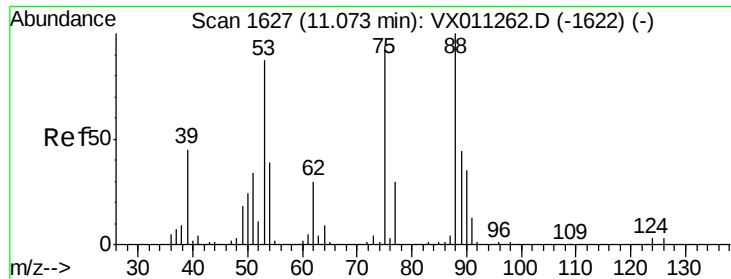
Tgt Ion: 105 Resp: 116802

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.756 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

Tot Ion: 75 Resp: 10462

Ion Ratio Lower Upper

75 100

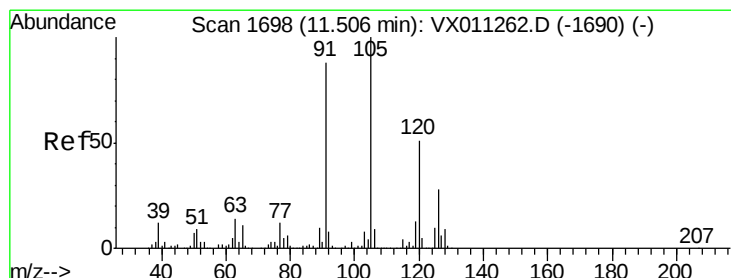
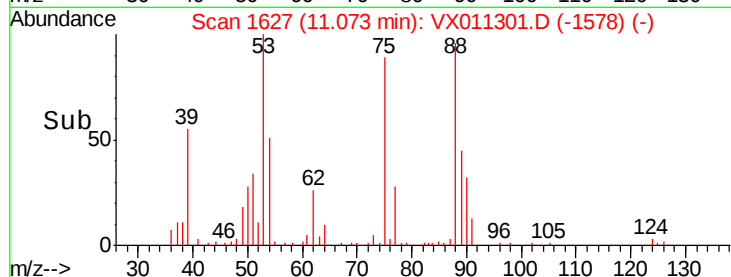
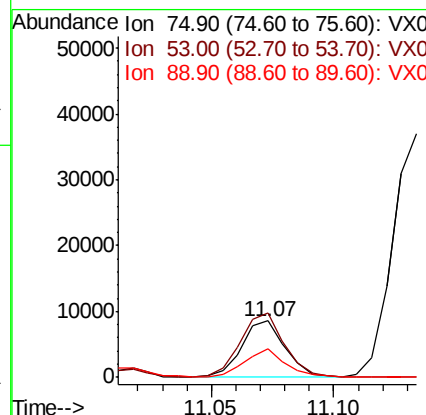
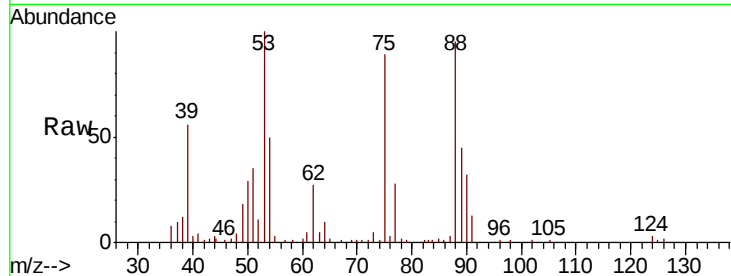
53 117.6 78.2 117.4#

89 48.3 37.9 56.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.884 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011301.D

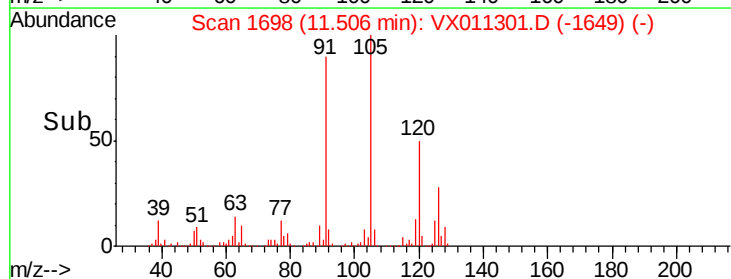
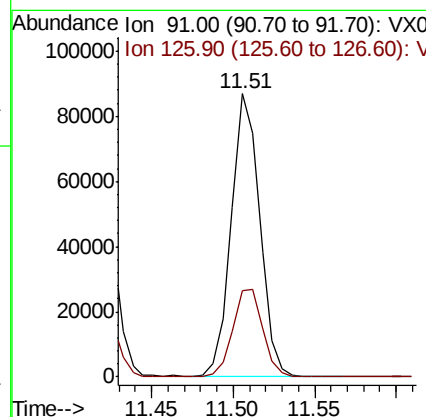
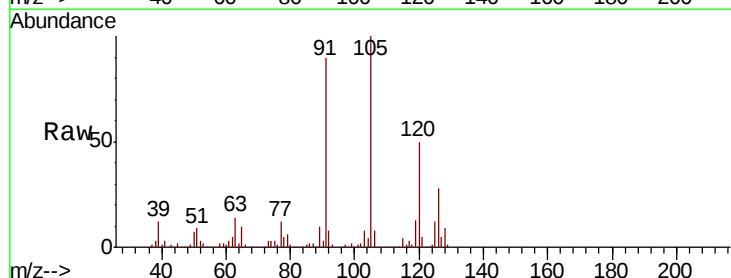
Acq: 02 Aug 2019 13:46

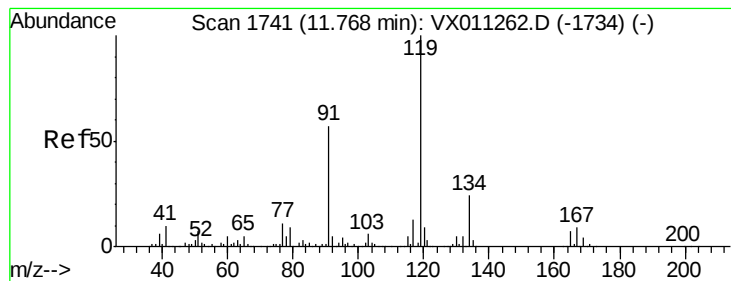
Tgt Ion: 91 Resp: 105224

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.2





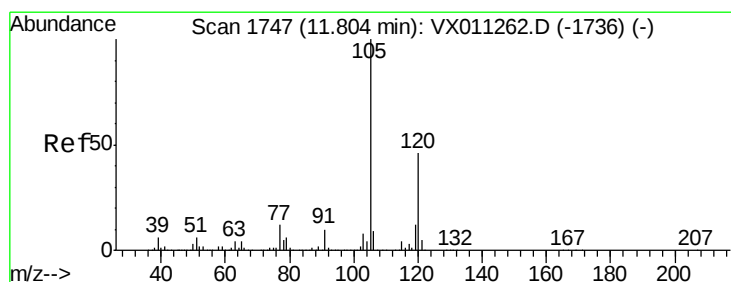
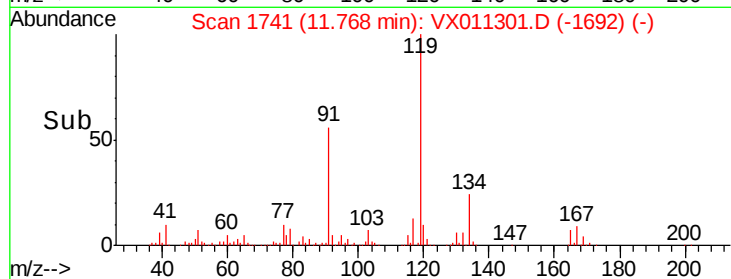
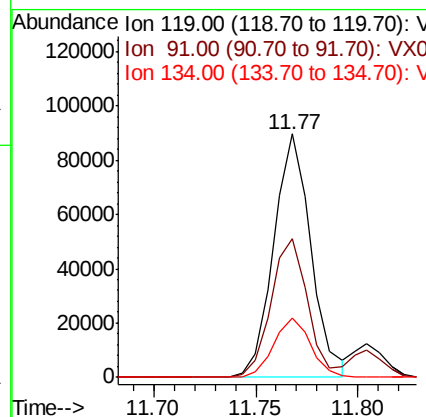
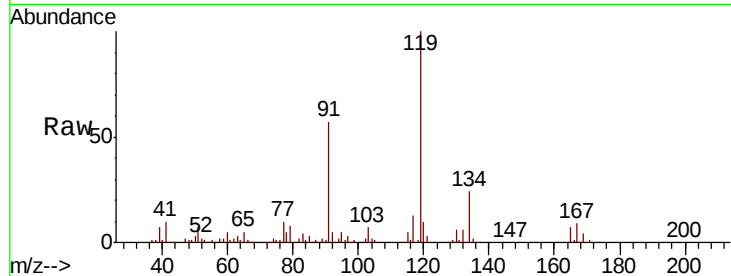
#83
 tert-Butylbenzene
 Concen: 19.256 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	114039		
91	56.7	28.0	84.0	
134	24.4	11.9	35.5	

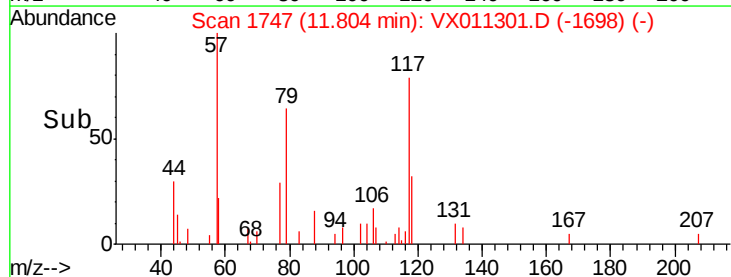
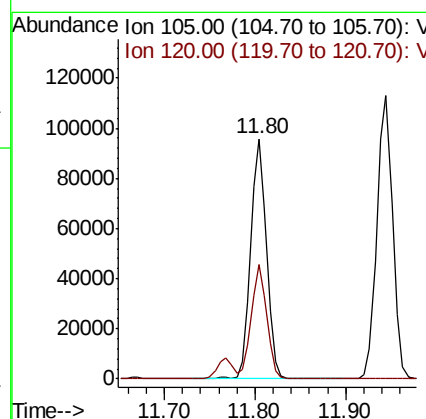
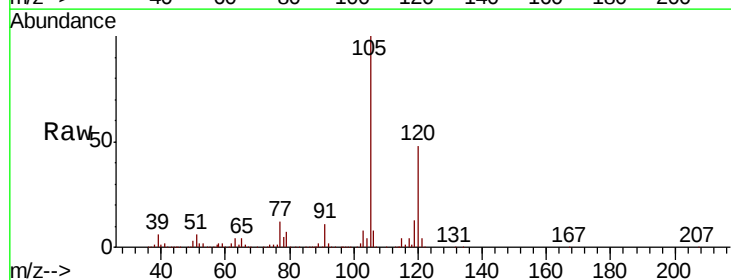
Manual Integrations
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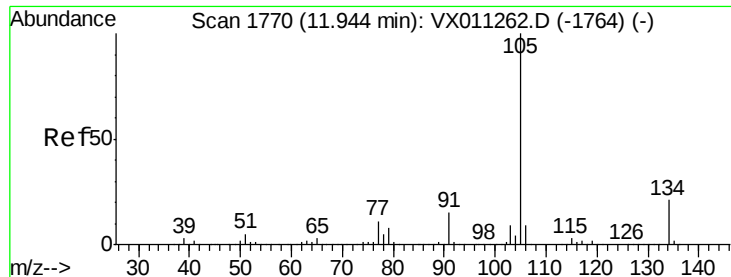
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.338 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	116257		
120	46.7	23.0	69.0	





#85

sec-Butylbenzene

Concen: 19.093 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

Tot Ion:105 Resp: 135856

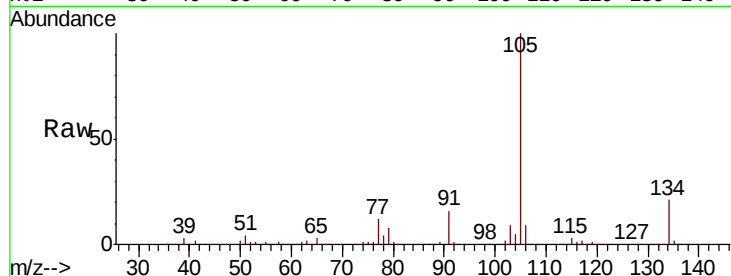
Ion Ratio Lower Upper

105 100

134 21.4 10.4 31.4

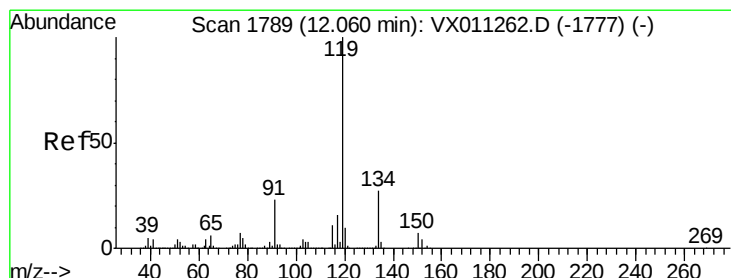
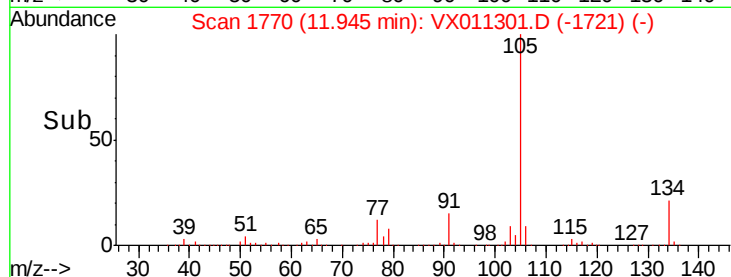
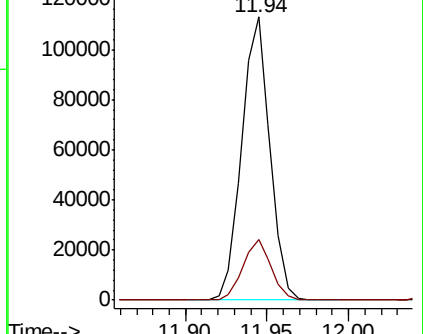
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.066 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

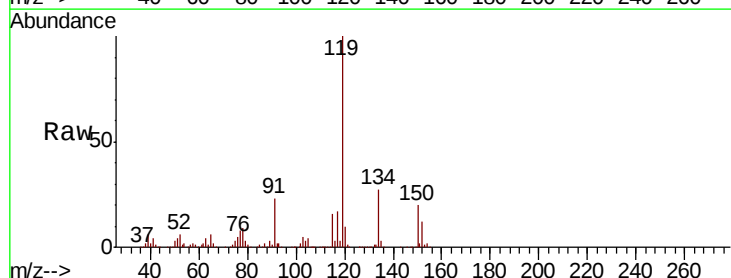
Tgt Ion:119 Resp: 124802

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

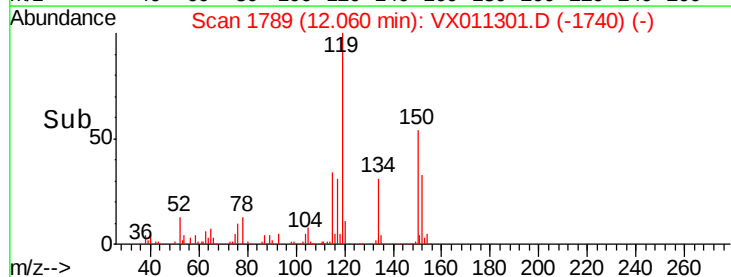
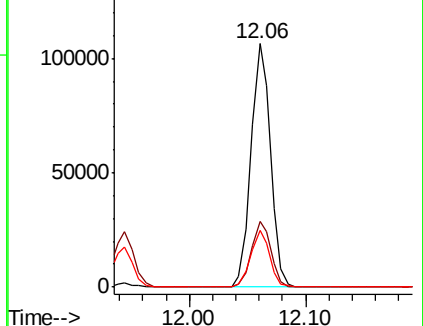
91 22.9 11.4 34.2

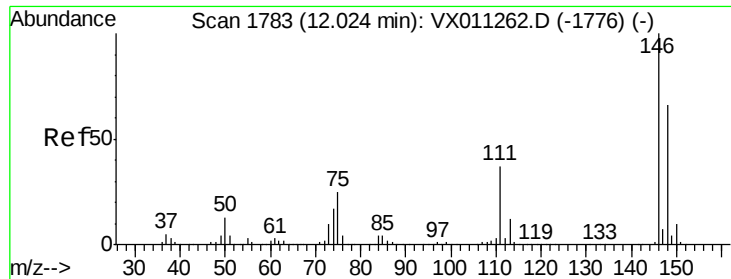


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





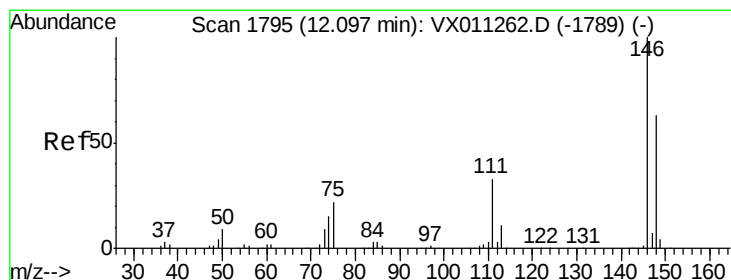
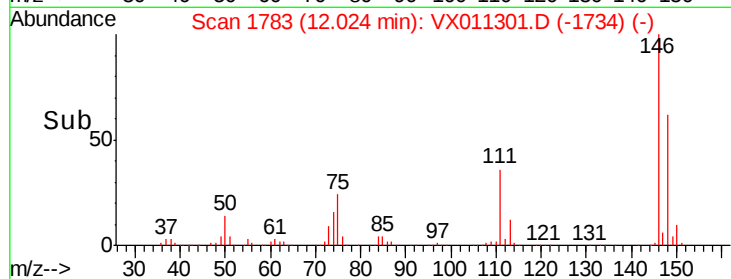
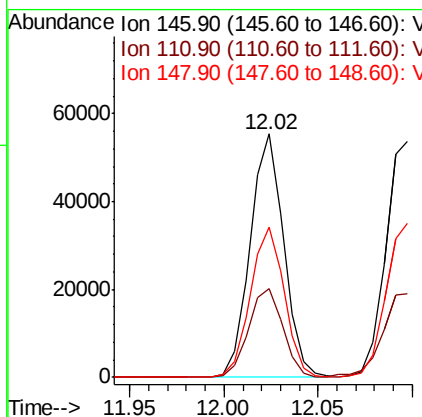
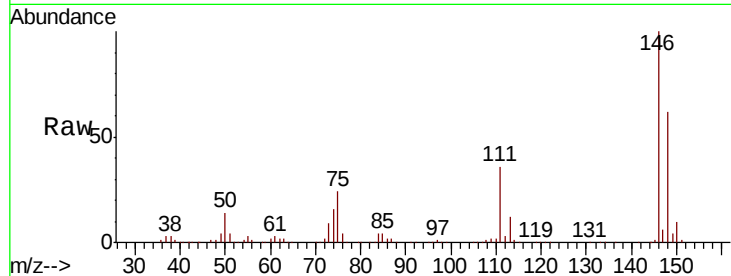
#87
 1,3-Dichlorobenzene
 Concen: 19.336 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Instrument :
 MSVOA_X
 ClientSampled :
 VX0802MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	62.4	32.5	97.5

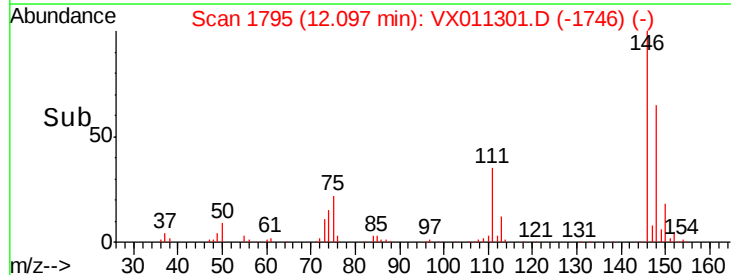
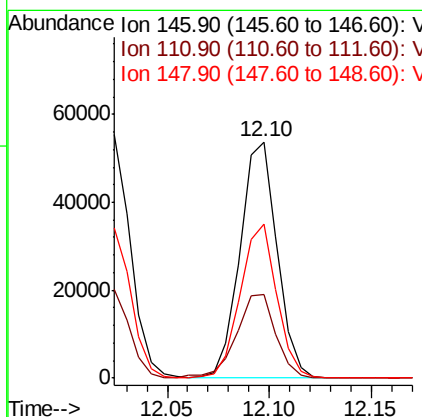
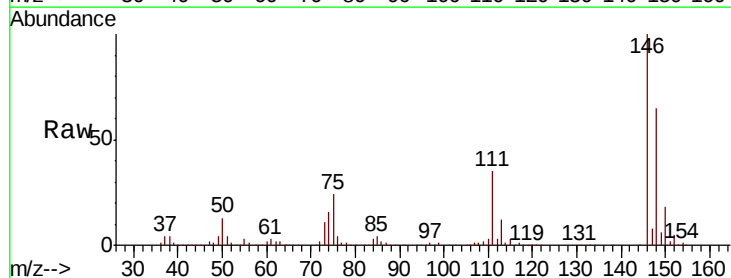
Manual Integrations
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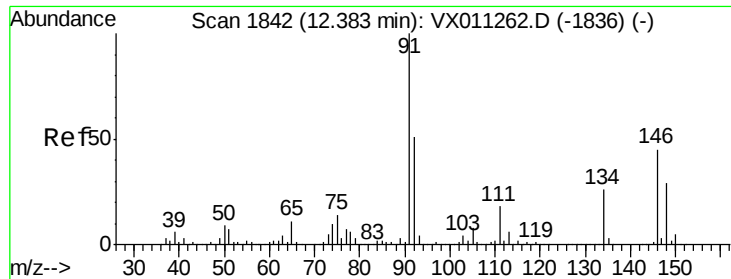
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 8/6/2019 12:11:27 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.603 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	17.8	53.4
148	64.6	31.8	95.3





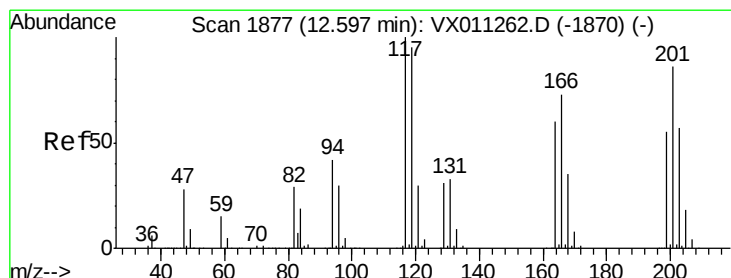
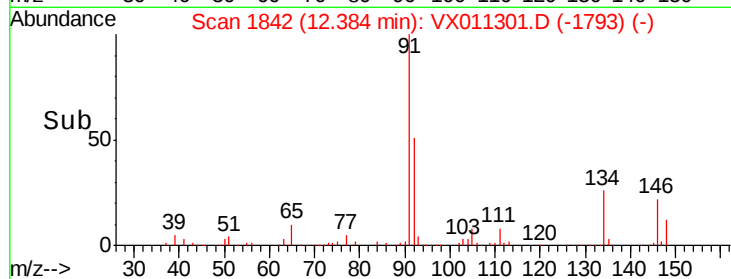
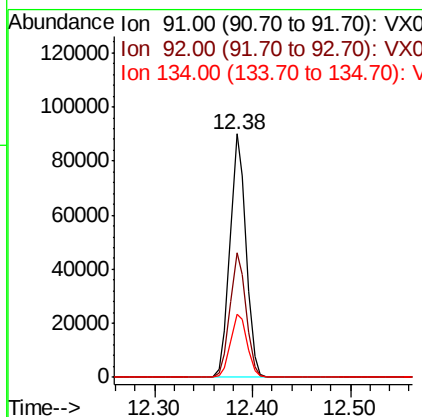
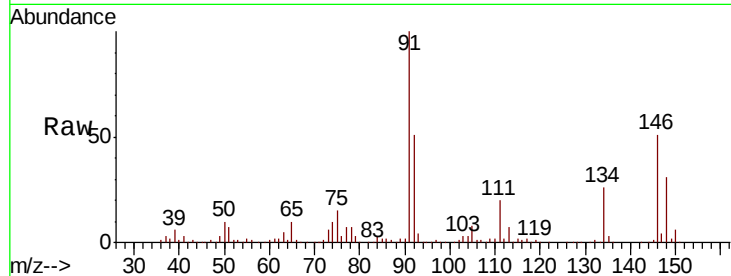
#89
n-Butylbenzene
Concen: 18.334 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.8	77.3
134	27.1	13.7	41.0

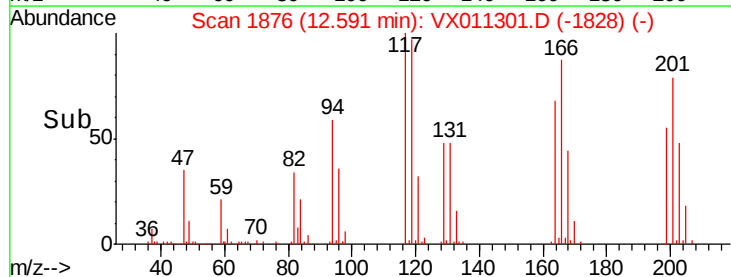
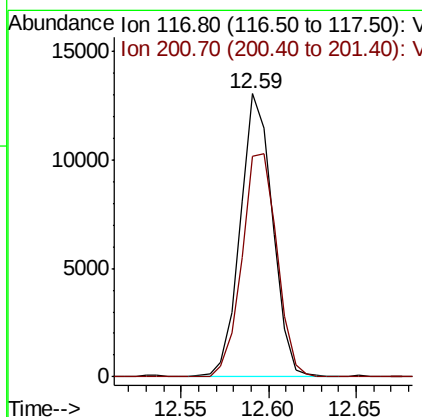
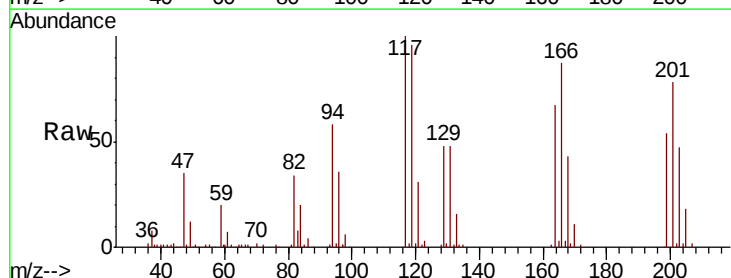
Manual Integrations
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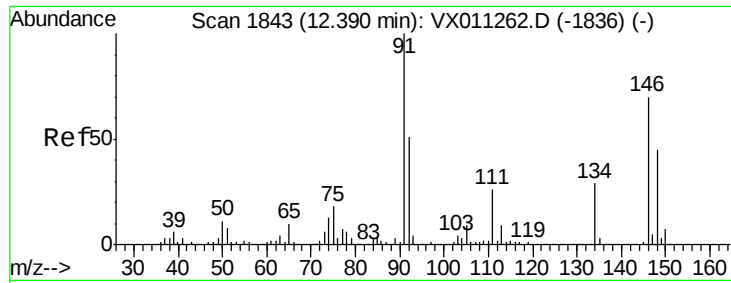
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#90
Hexachloroethane
Concen: 17.323 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.1	41.8	125.4





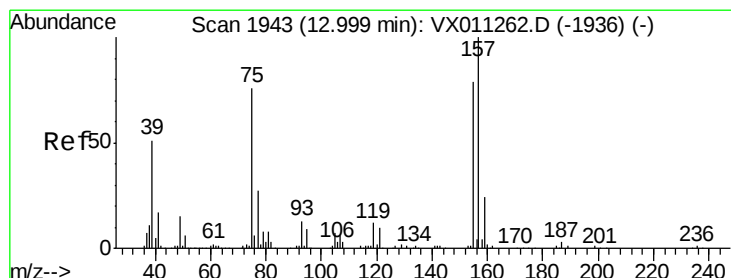
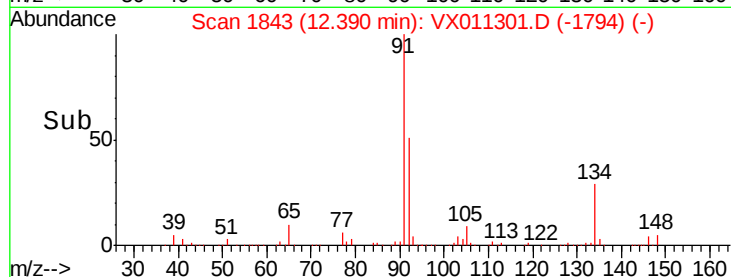
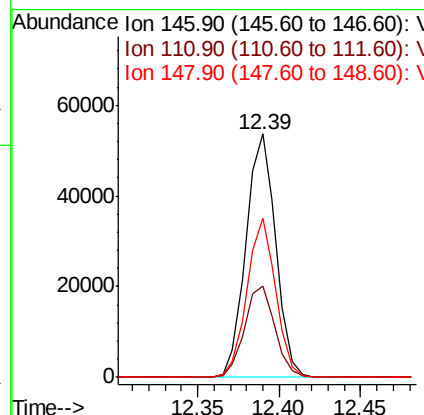
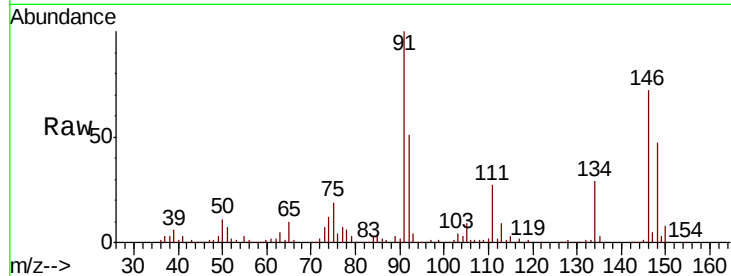
#91
 1,2-Dichlorobenzene
 Concen: 19.227 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Instrument :
 MSVOA_X
 ClientSampled :
 VX0802MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	63.1	32.3	96.8

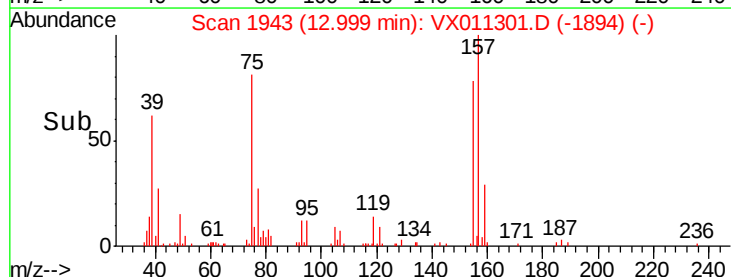
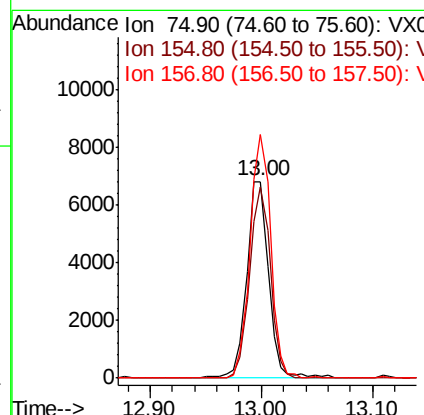
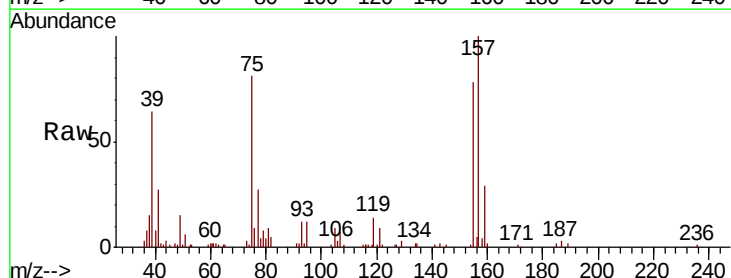
Manual Integrations
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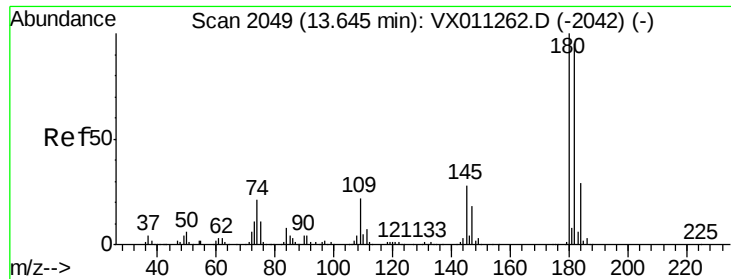
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.993 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.4	51.9	155.8
157	116.6	64.3	192.7





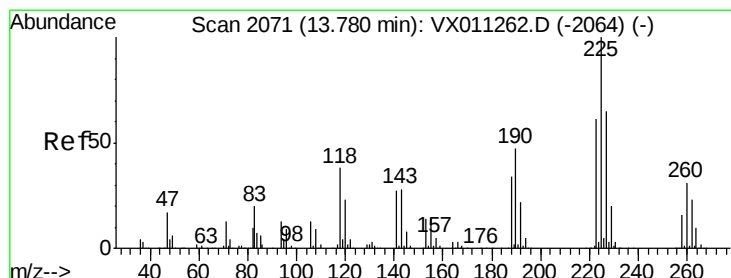
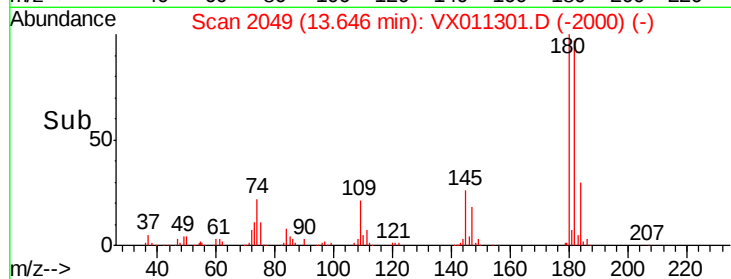
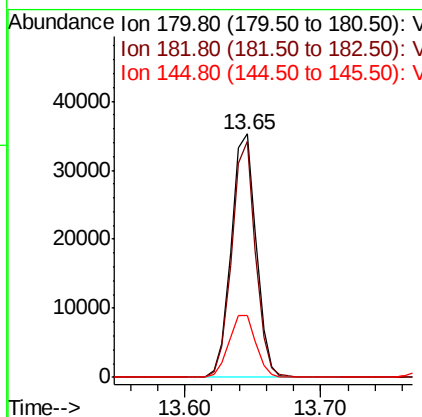
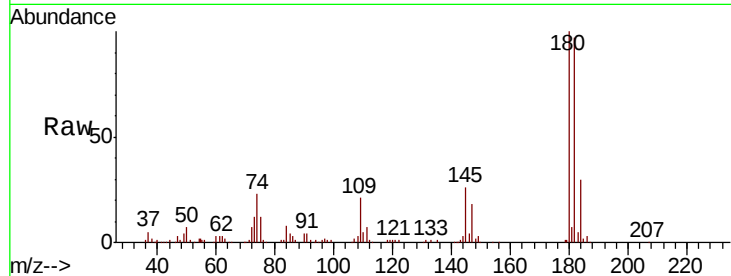
#93
 1,2,4-Trichlorobenzene
 Concen: 19.086 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.8	143.4
145	27.5	14.8	44.3

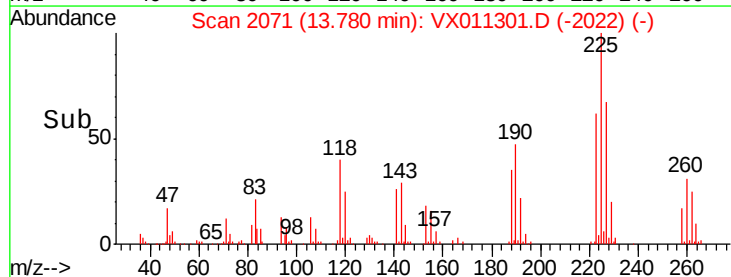
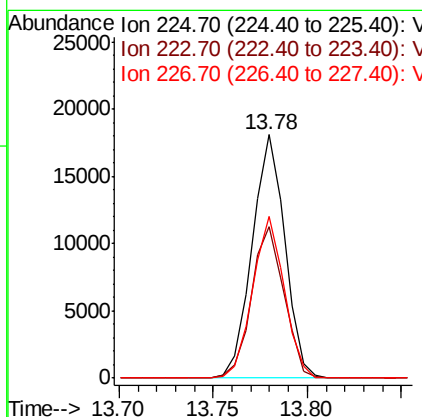
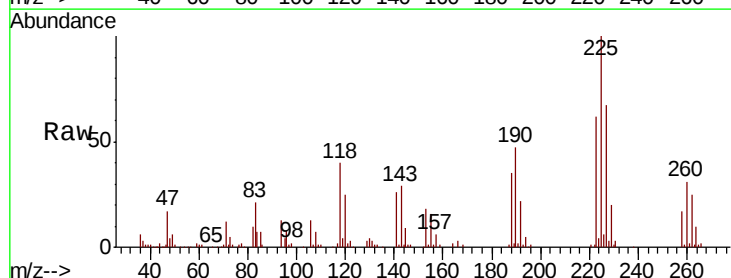
Manual Integrations
 APPROVED

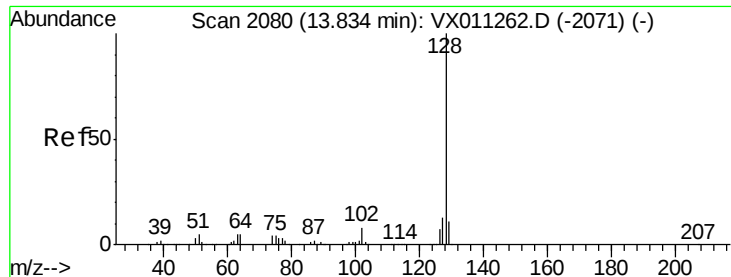
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#94
 Hexachlorobutadiene
 Concen: 18.236 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.0	93.0
227	64.0	32.2	96.6





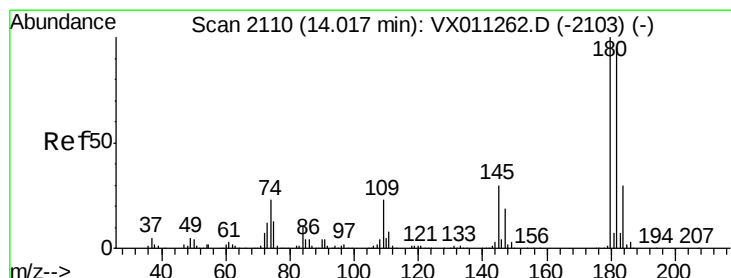
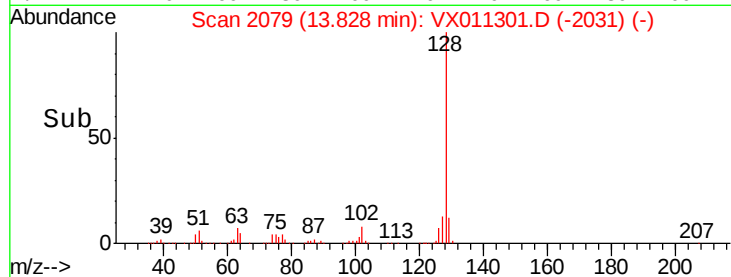
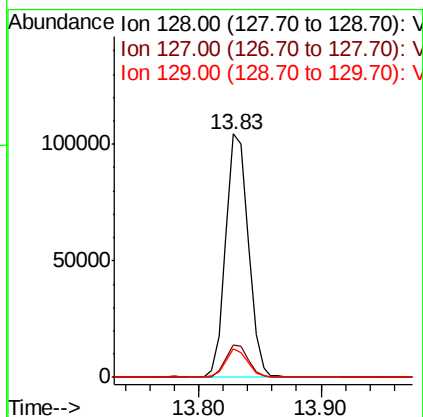
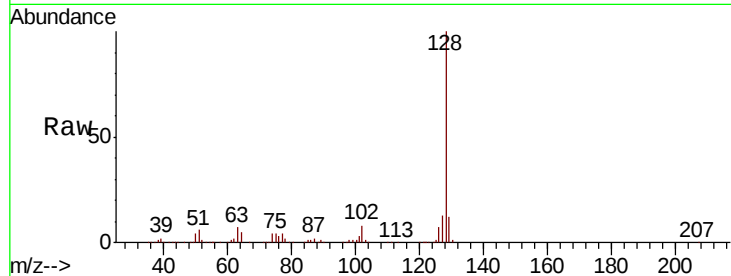
#95
Naphthalene
Concen: 19.495 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.3	8.9	13.3

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.111 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.4	142.3
145	30.5	15.2	45.6

