

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080119\
 Data File : VX011265.D
 Acq On : 01 Aug 2019 17:23
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:07:19 AM

Quant Time: Aug 02 02:14:58 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	164653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	242639	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122130	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	81599	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	5.49	113	76382	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	8.71	98	287725	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	11.13	95	108383	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	65643	51.619	ug/l	96
3) Chloromethane	1.32	50	69339	48.555	ug/l	99
4) Vinyl Chloride	1.40	62	78419	49.922	ug/l	100
5) Bromomethane	1.63	94	55980	49.968	ug/l	98
6) Chloroethane	1.71	64	51046	52.626	ug/l	96
7) Trichlorofluoromethane	1.92	101	143691	51.446	ug/l	97
8) Diethyl Ether	2.18	74	48662	48.792	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74805	49.498	ug/l	99
10) Methyl Iodide	2.50	142	87218	45.776	ug/l	100
11) Tert butyl alcohol	3.04	59	91963	278.128	ug/l	100
12) 1,1-Dichloroethene	2.37	96	73451	49.030	ug/l	95
13) Acrolein	2.29	56	50315	244.853	ug/l	98
14) Allyl chloride	2.72	41	105898	53.025	ug/l	99
15) Acrylonitrile	3.14	53	202708	256.907	ug/l	99
16) Acetone	2.43	43	183741	232.806	ug/l	98
17) Carbon Disulfide	2.56	76	185407	52.740	ug/l	100
18) Methyl Acetate	2.76	43	90541	50.199	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	228070	51.661	ug/l	97
20) Methylene Chloride	2.85	84	81255	47.009	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	78852	49.758	ug/l	99
22) Diisopropyl ether	3.85	45	222449	50.679	ug/l	98
23) Vinyl Acetate	3.81	43	993456	272.884	ug/l	100
24) 1,1-Dichloroethane	3.69	63	128167	49.519	ug/l	99
25) 2-Butanone	4.67	43	284645	253.536	ug/l	99
26) 2,2-Dichloropropane	4.57	77	105484	52.428	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	90900	49.800	ug/l	98
28) Bromochloromethane	5.01	49	57115	48.405	ug/l	99
29) Tetrahydrofuran	5.12	42	175328	254.696	ug/l	99
30) Chloroform	5.20	83	140059	49.789	ug/l	100
31) Cyclohexane	5.57	56	111036	51.999	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	123887	51.410	ug/l	99
36) 1,1-Dichloropropene	5.79	75	102515	48.391	ug/l	100
37) Ethyl Acetate	4.82	43	106348	50.047	ug/l	100
38) Carbon Tetrachloride	5.78	117	110963	52.063	ug/l	96

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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)
39) Methylcyclohexane	7.46	83	123370	49.130	ug/l	100
40) Benzene	6.13	78	314391	49.732	ug/l	99
41) Methacrylonitrile	5.03	41	56271	48.488	ug/l	99
42) 1,2-Dichloroethane	6.18	62	106315	49.734	ug/l	99
43) Isopropyl Acetate	6.44	43	171391	50.448	ug/l	99
44) Trichloroethene	7.21	130	92590	48.388	ug/l	99
45) 1,2-Dichloropropane	7.51	63	77456	47.310	ug/l	95
46) Dibromomethane	7.66	93	57845	48.399	ug/l	98
47) Bromodichloromethane	7.90	83	104505	51.645	ug/l	99
48) Methyl methacrylate	7.77	41	82321	51.488	ug/l	99
49) 1,4-Dioxane	7.74	88	46546	1004.191	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	569328	259.668	ug/l	99
52) Toluene	8.78	92	207711	49.695	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	114626	48.718	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	125970	53.293	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	86863	50.546	ug/l	99
56) Ethyl methacrylate	9.18	69	128926	52.645	ug/l	99
57) 1,3-Dichloropropane	9.37	76	135509	49.860	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	300944	249.926	ug/l	100
59) 2-Hexanone	9.49	43	451803	266.041	ug/l	99
60) Dibromochloromethane	9.58	129	94704	53.827	ug/l	98
61) 1,2-Dibromoethane	9.67	107	93848	50.546	ug/l	97
64) Tetrachloroethene	9.34	164	90252	47.002	ug/l	97
65) Chlorobenzene	10.13	112	236165	48.714	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	86563	52.155	ug/l	99
67) Ethyl Benzene	10.25	91	409927	50.489	ug/l	99
68) m/p-Xylenes	10.35	106	319128	101.619	ug/l	99
69) o-Xylene	10.69	106	151862	49.216	ug/l	98
70) Styrene	10.71	104	264796	51.864	ug/l	99
71) Bromoform	10.85	173	71331	48.176	ug/l #	99
73) Isopropylbenzene	11.02	105	416061	49.811	ug/l	100
74) N-amyl acetate	10.90	43	164676	54.562	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137861	49.527	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	113371m	50.973	ug/l	
77) Bromobenzene	11.25	156	113371	48.947	ug/l	98
78) n-propylbenzene	11.36	91	470346	50.635	ug/l	100
79) 2-Chlorotoluene	11.42	91	273170	49.340	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	351502	50.271	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40521	48.772	ug/l	99
82) 4-Chlorotoluene	11.51	91	323044	50.066	ug/l	99
83) tert-Butylbenzene	11.77	119	347057	50.608	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	355966	51.133	ug/l	100
85) sec-Butylbenzene	11.94	105	416186	50.512	ug/l	100
86) p-Isopropyltoluene	12.06	119	385145	50.811	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205755	50.276	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	207407	49.148	ug/l	99
89) n-Butylbenzene	12.38	91	334853	51.277	ug/l	99
90) Hexachloroethane	12.59	117	59434	53.036	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	204262	49.674	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29927	55.493	ug/l	98

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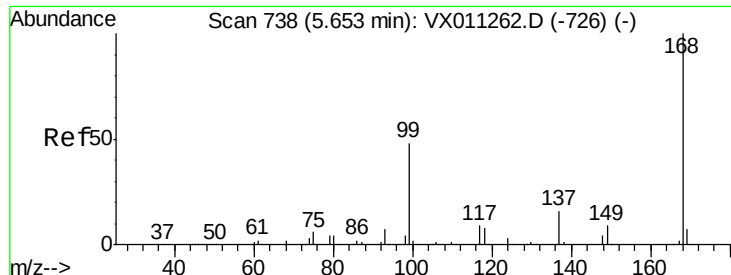
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	139828	51.275	ug/l	100
94) Hexachlorobutadiene	13.78	225	69815	50.460	ug/l	100
95) Naphthalene	13.83	128	426621	53.496	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	137515	49.602	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

Tgt Ion:168 Resp: 164653

Ion Ratio Lower Upper

168 100

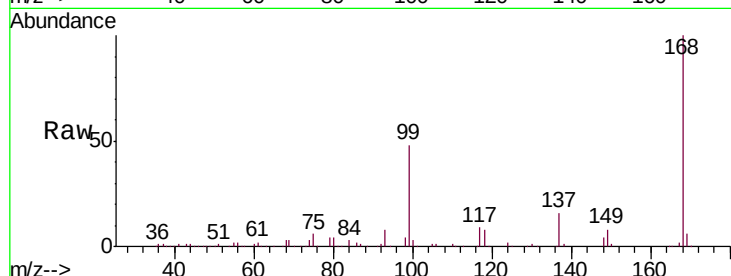
99 47.8 38.5 57.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

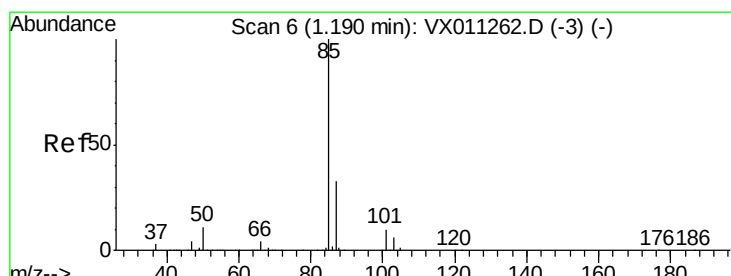
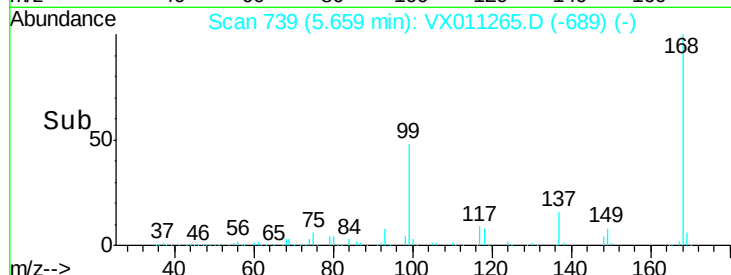
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.619 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011265.D

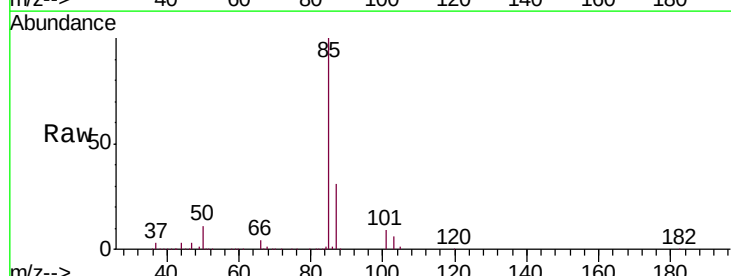
Acq: 01 Aug 2019 17:23

Tgt Ion: 85 Resp: 65643

Ion Ratio Lower Upper

85 100

87 30.6 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

80000

60000

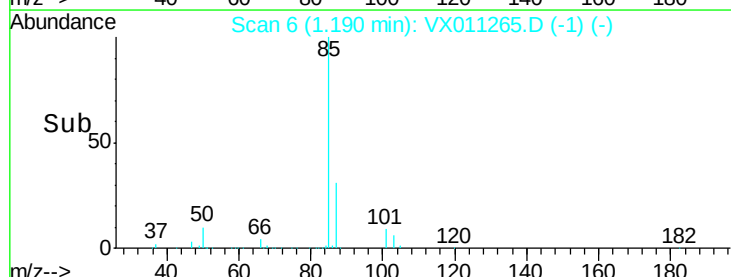
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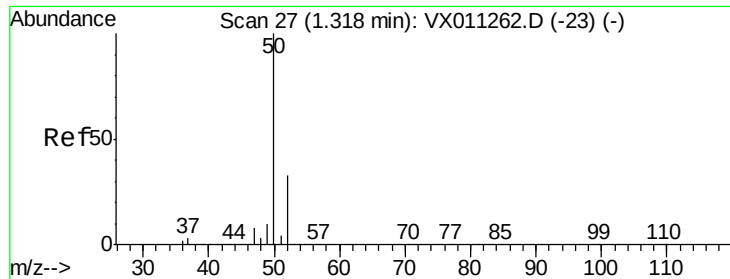
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.555 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

Tgt Ion: 50 Resp: 69339

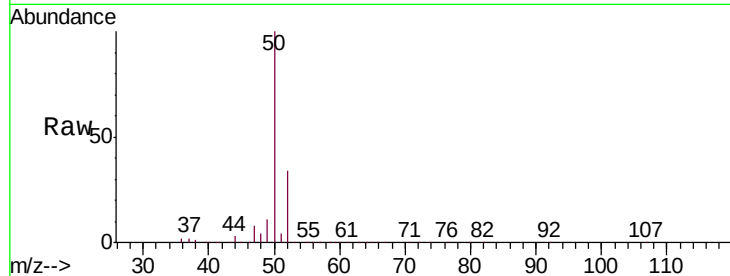
Ion Ratio Lower Upper

50 100

52 33.8 26.4 39.6

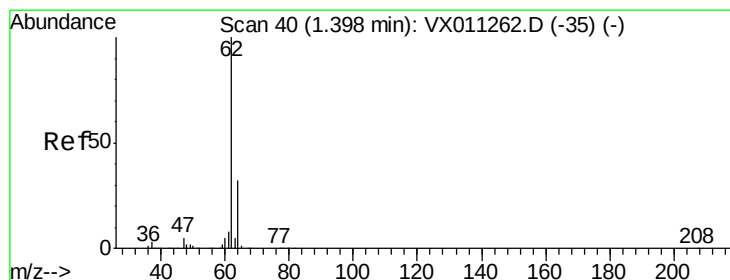
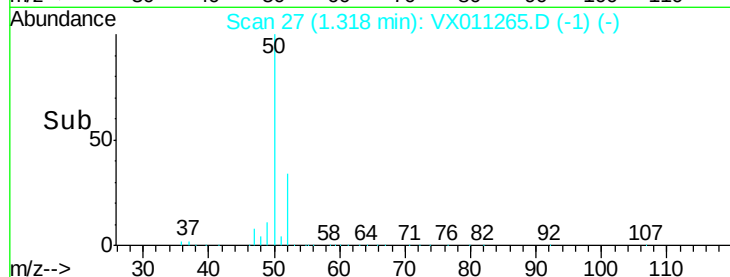
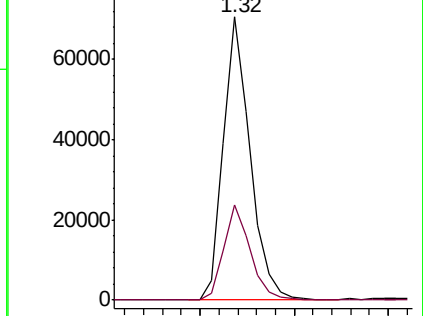
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.922 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011265.D

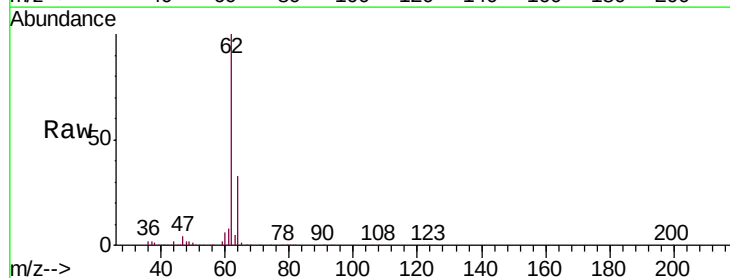
Acq: 01 Aug 2019 17:23

Tgt Ion: 62 Resp: 78419

Ion Ratio Lower Upper

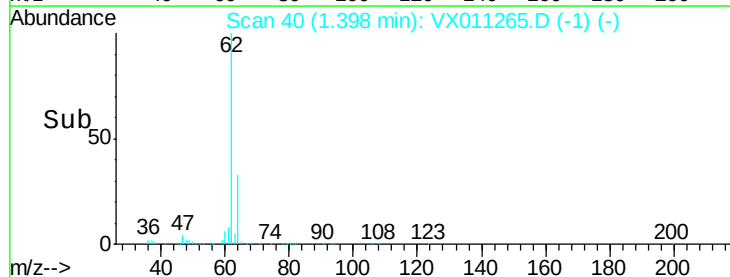
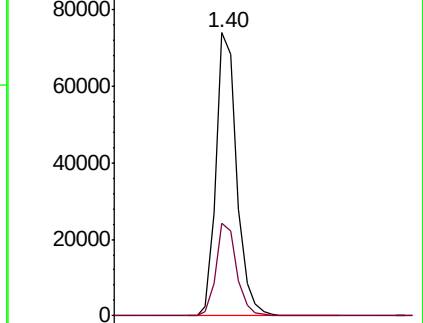
62 100

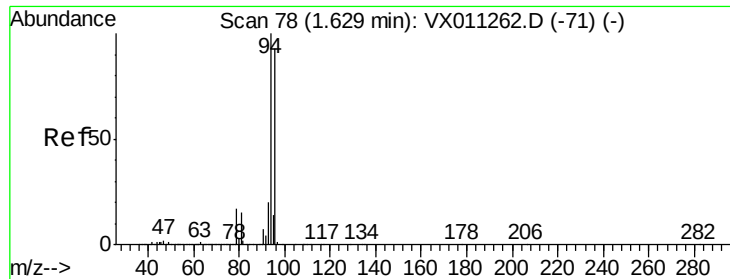
64 32.6 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.968 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

Tgt Ion: 94 Resp: 55980

Ion Ratio Lower Upper

94 100

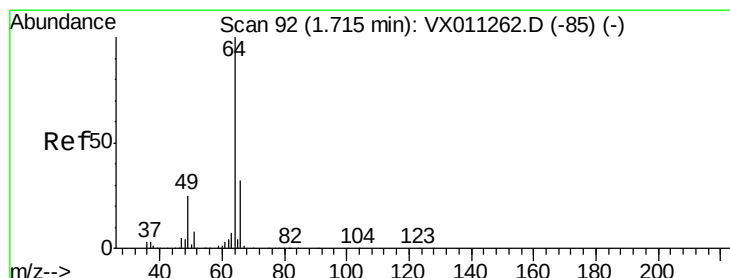
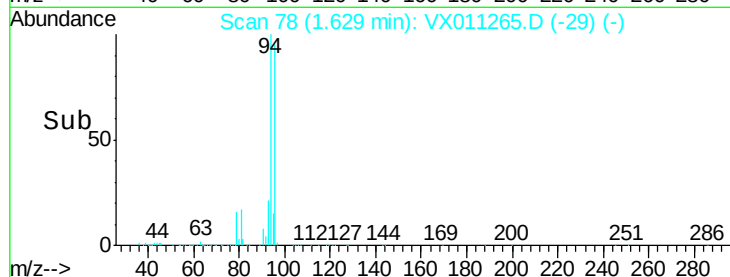
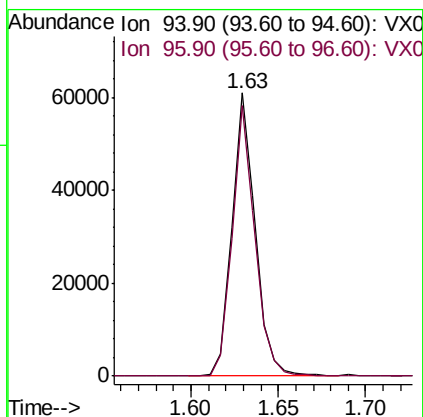
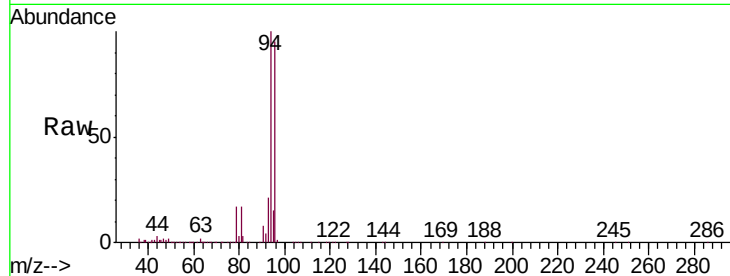
96 95.5 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 52.626 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011265.D

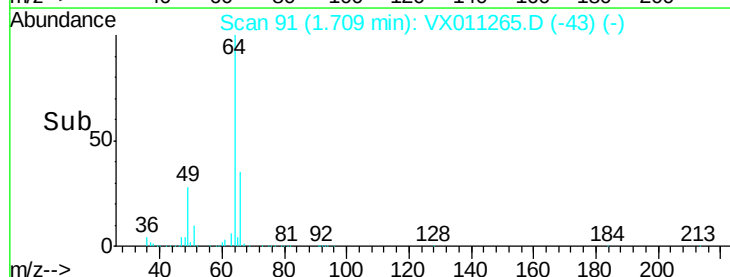
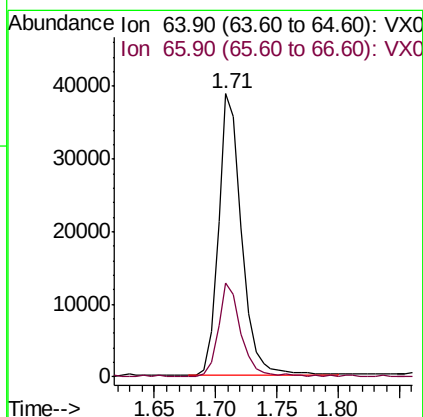
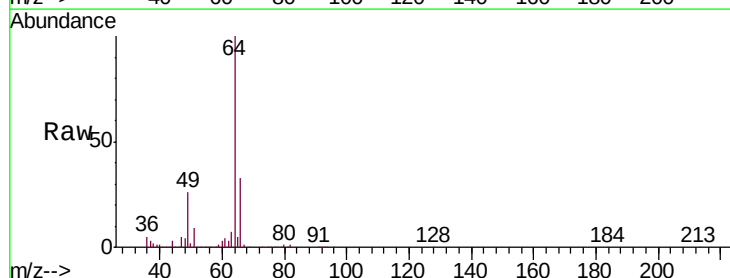
Acq: 01 Aug 2019 17:23

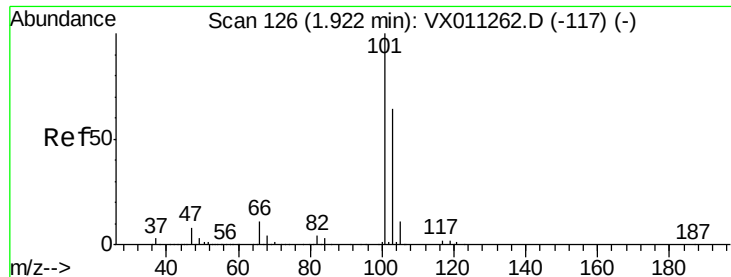
Tgt Ion: 64 Resp: 51046

Ion Ratio Lower Upper

64 100

66 33.5 25.1 37.7





#7

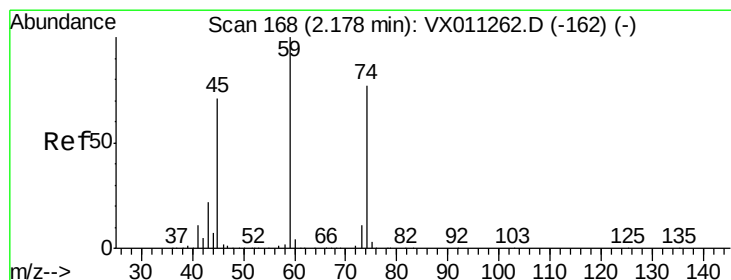
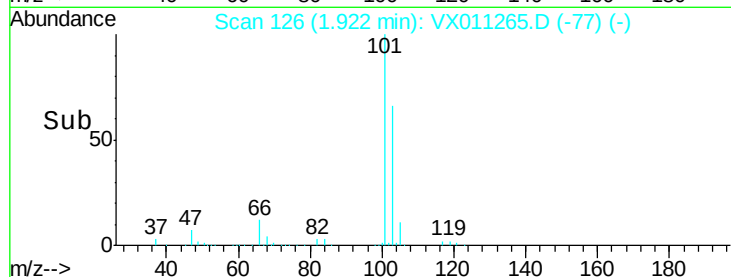
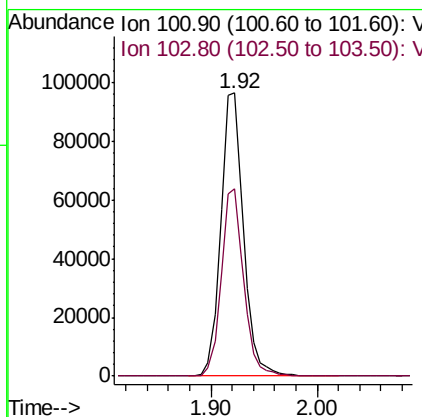
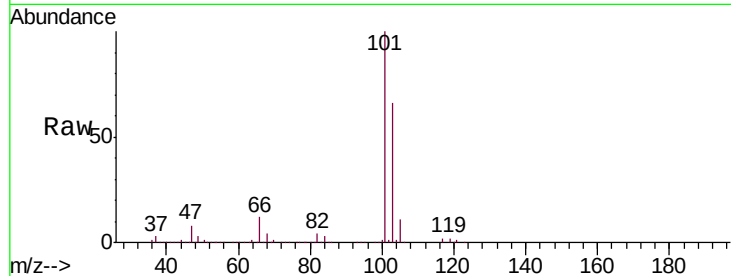
Trichlorofluoromethane
Concen: 51.446 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
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ClientSampleId :
ICVVX080119

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.1	50.9	76.3

Manual Integrations
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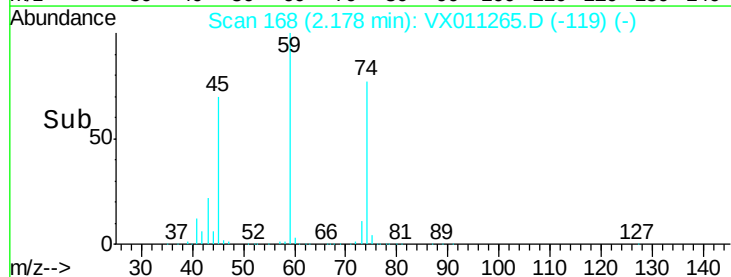
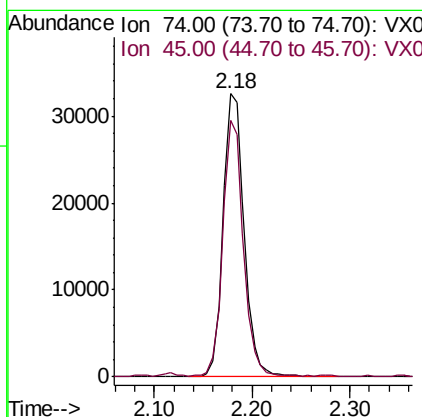
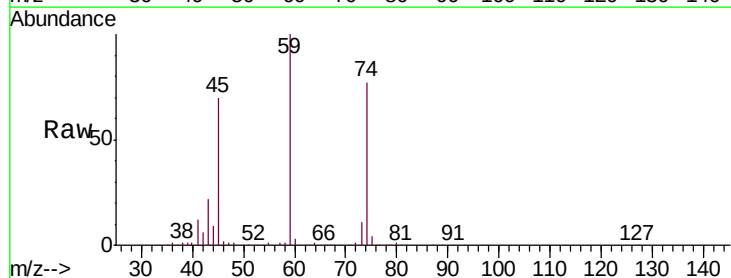
MMDadoda
8/2/2019 9:07:19 AM

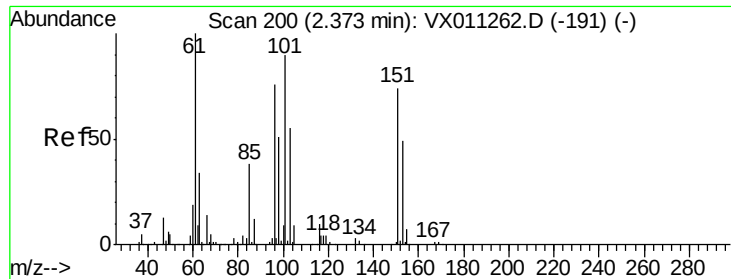


#8

Diethyl Ether
Concen: 48.792 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.4	46.1	138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.498 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

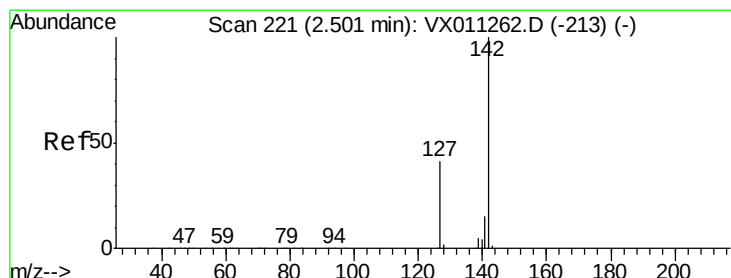
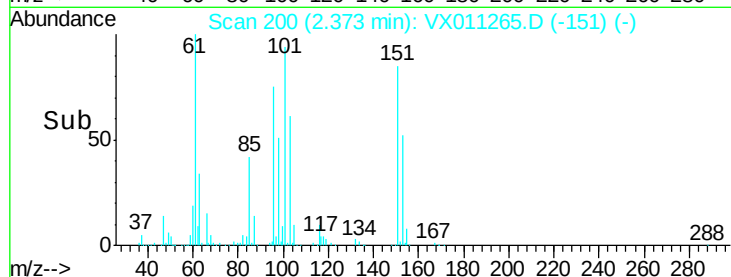
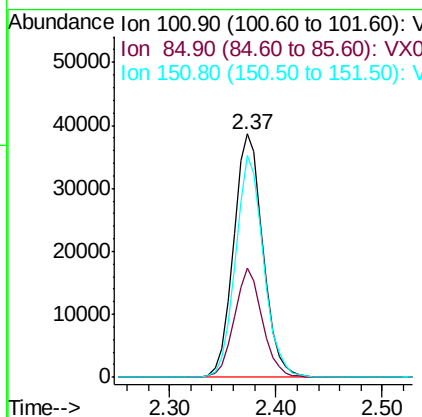
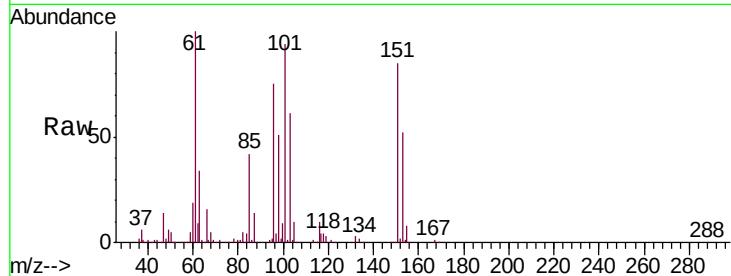
ClientSampled :

ICVVX080119

Tgt Ion:	101	Resp:	74805
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.8	50.6
151	87.4	69.5	104.3

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#10

Methyl Iodide

Concen: 45.776 ug/l

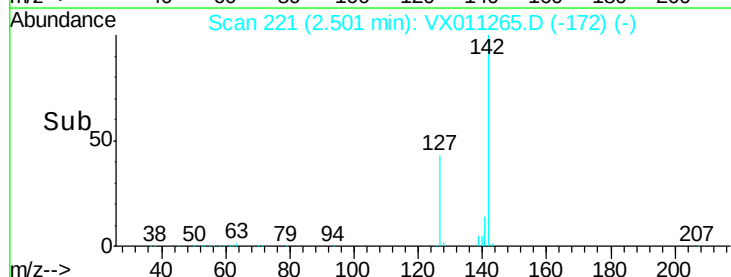
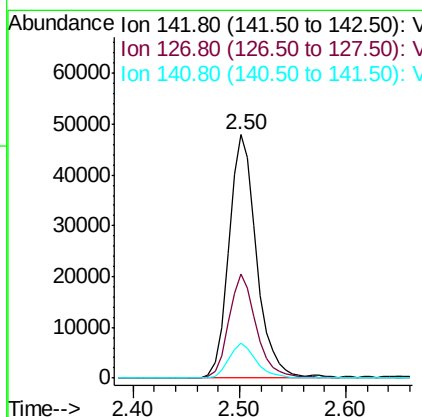
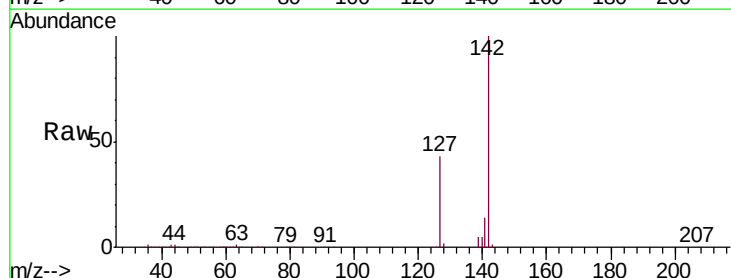
RT: 2.50 min Scan# 221

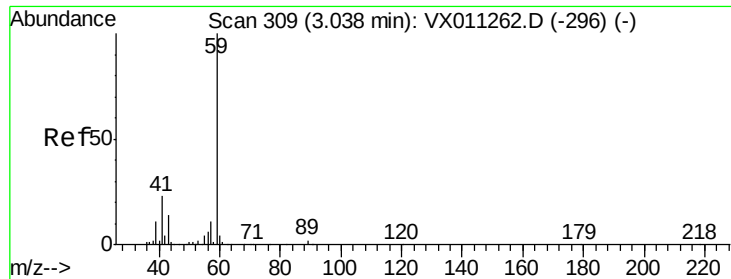
Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Tgt Ion:	142	Resp:	87218
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.8	50.8
141	14.3	11.4	17.2





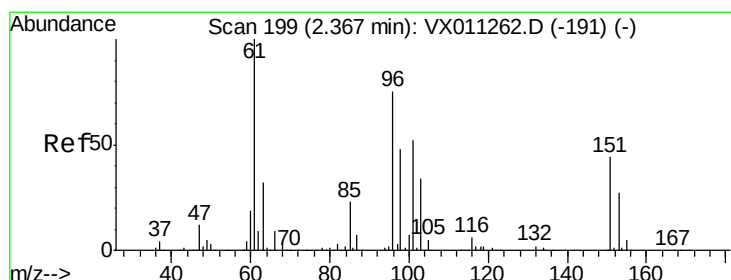
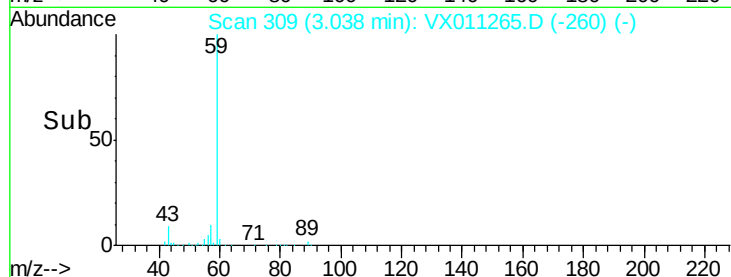
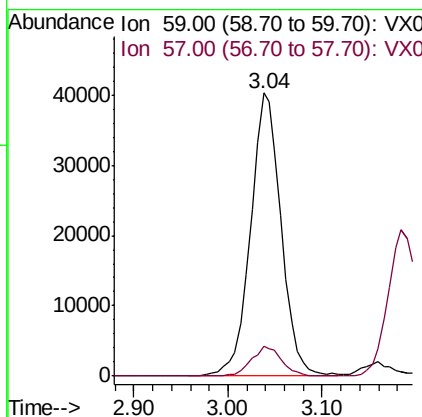
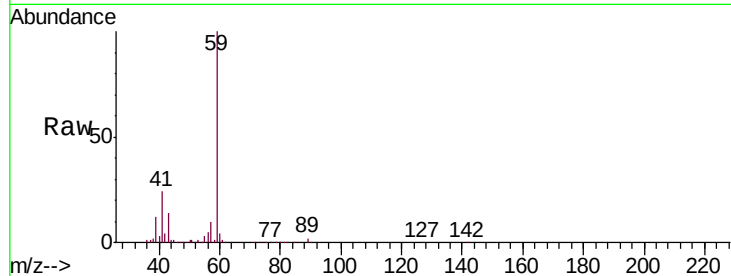
#11
Tert butyl alcohol
Concen: 278.128 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

Tgt Ion: 59 Resp: 91963
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

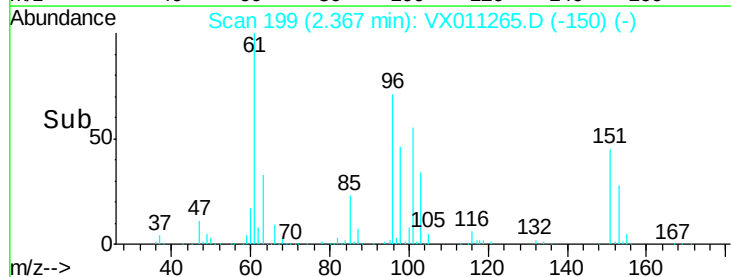
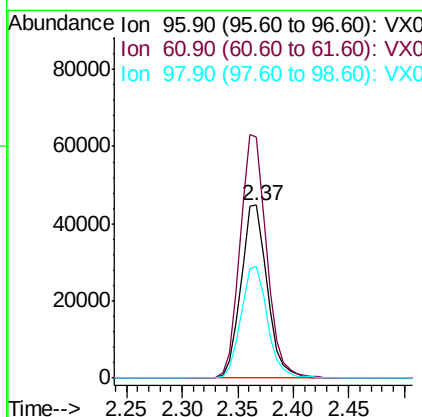
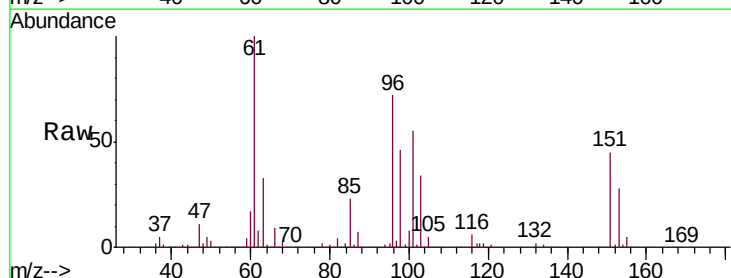
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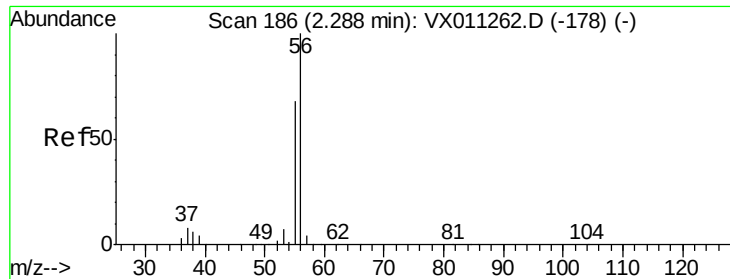
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#12
1,1-Dichloroethene
Concen: 49.030 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion: 96 Resp: 73451
Ion Ratio Lower Upper
96 100
61 139.8 106.2 159.2
98 64.8 50.6 75.8





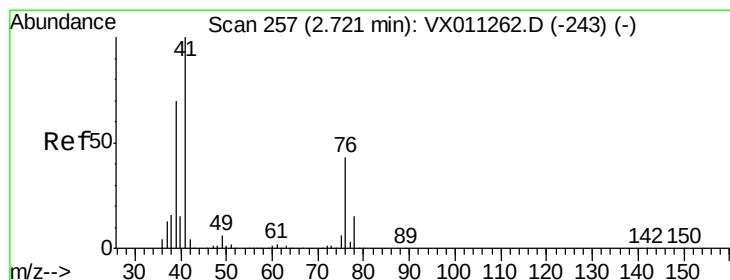
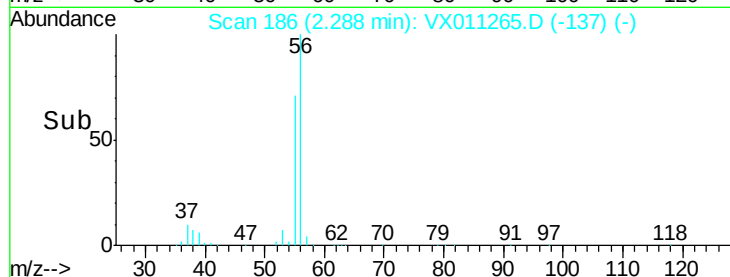
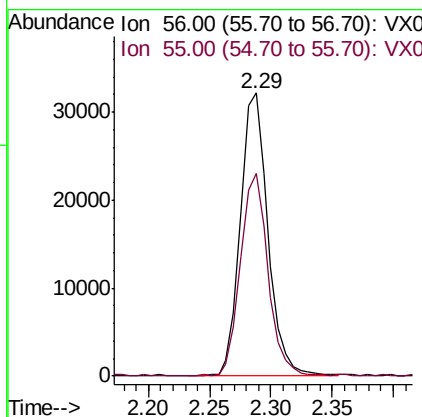
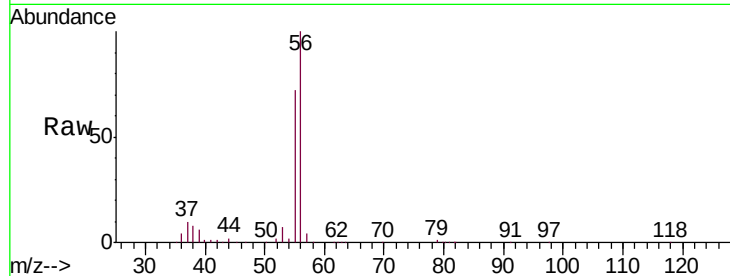
#13
Acrolein
Concen: 244.853 ug/l
RT: 2.29 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

Tgt Ion	Ratio	Lower	Upper
56	100		
55	72.0	56.0	84.0

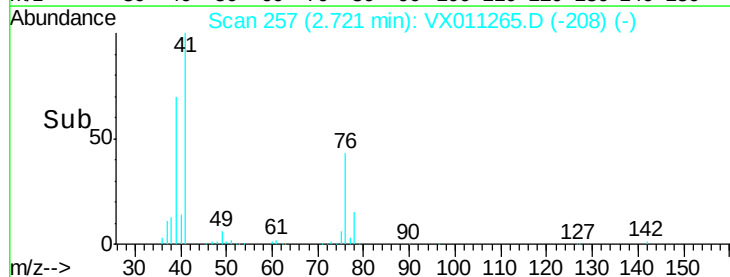
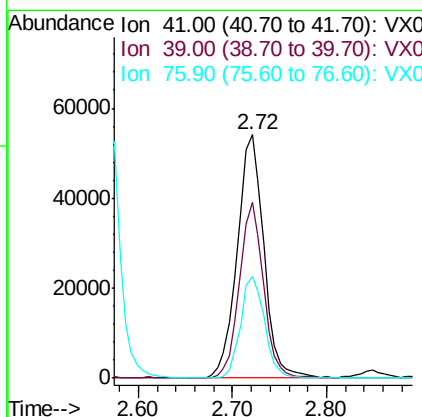
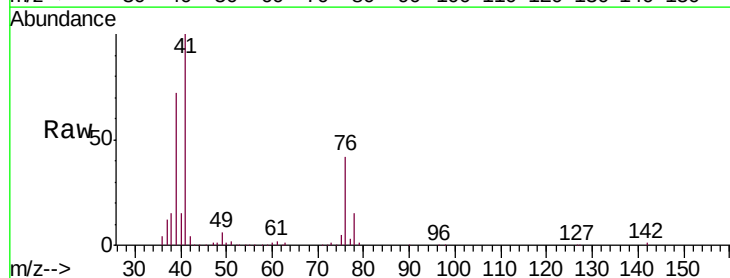
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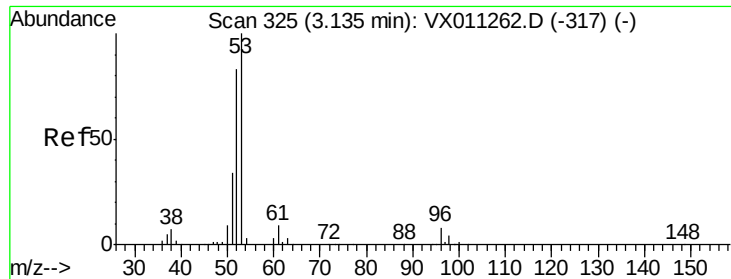
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#14
Allyl chloride
Concen: 53.025 ug/l
RT: 2.72 min Scan# 257
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.9	52.8	79.2
76	38.2	31.1	46.7





#15

Acrylonitrile

Concen: 256.907 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

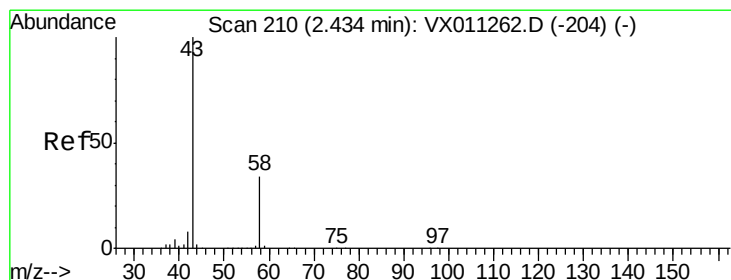
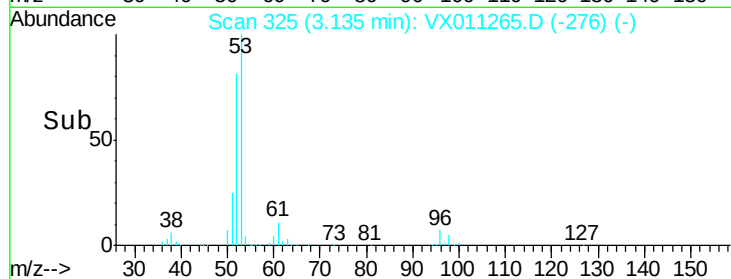
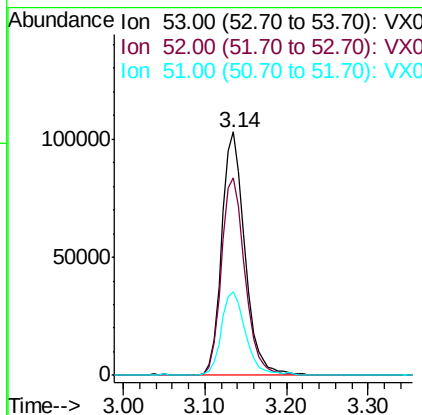
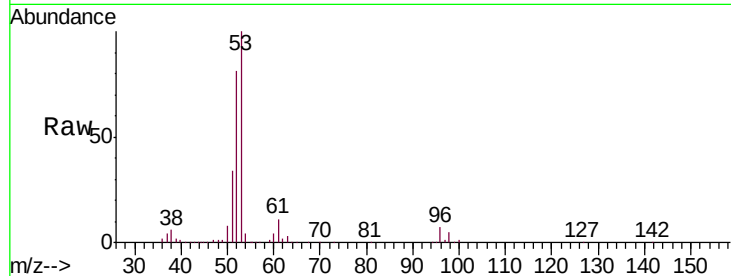
ClientSampled :

ICVVX080119

Tgt Ion:	53	Resp:	202708
Ion Ratio		Lower	Upper
53	100		
52	82.8	65.5	98.3
51	36.1	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 232.806 ug/l

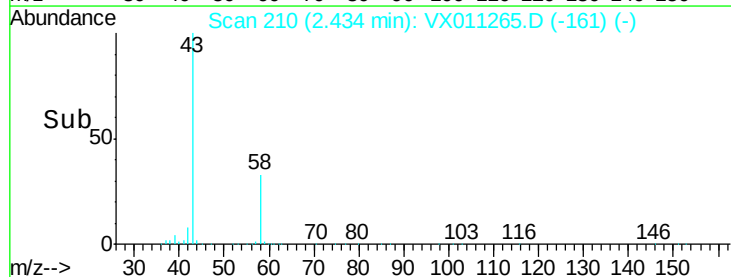
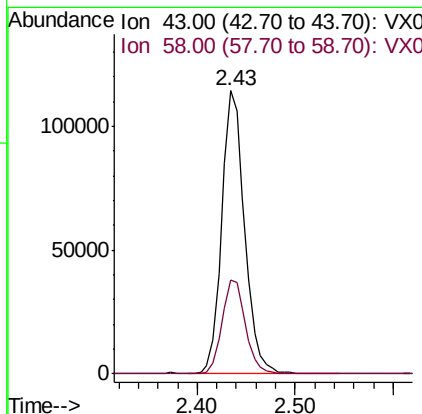
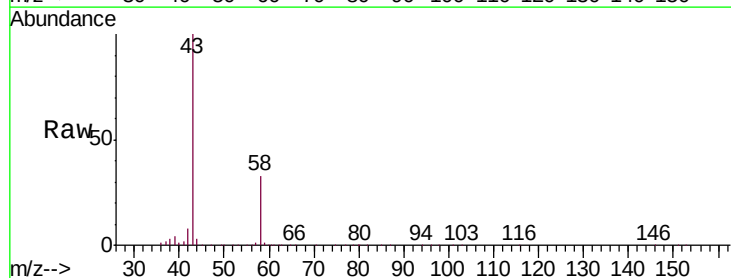
RT: 2.43 min Scan# 210

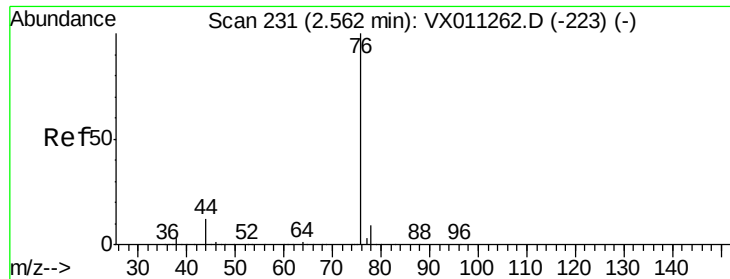
Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Tgt Ion:	43	Resp:	183741
Ion Ratio		Lower	Upper
43	100		
58	33.3	27.4	41.0





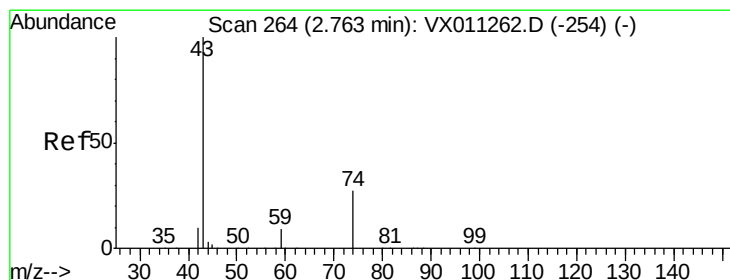
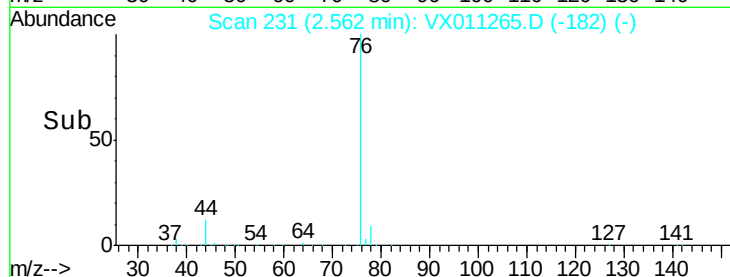
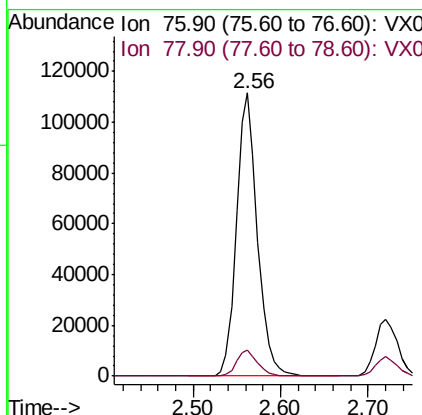
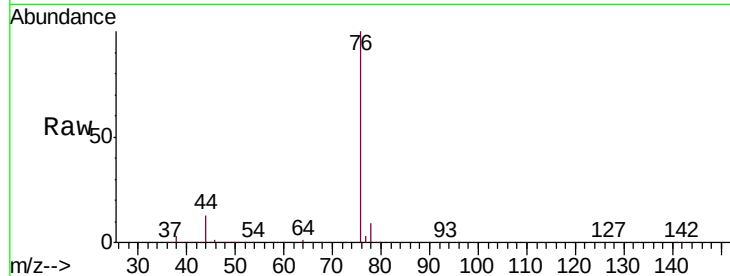
#17
Carbon Disulfide
Concen: 52.740 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

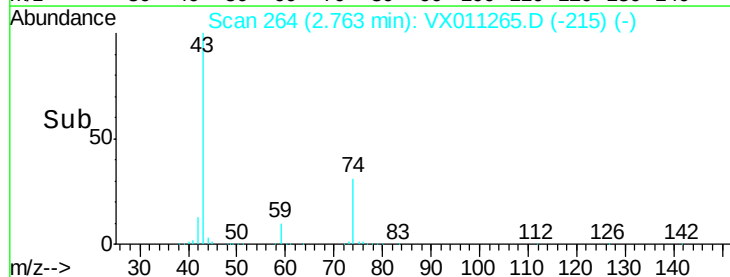
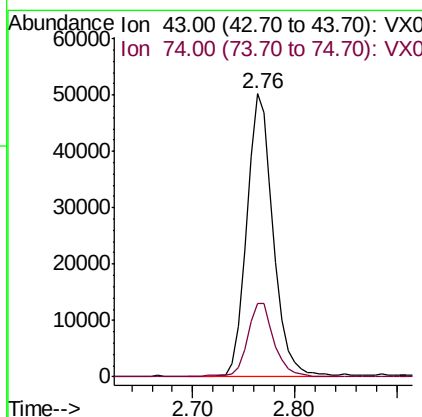
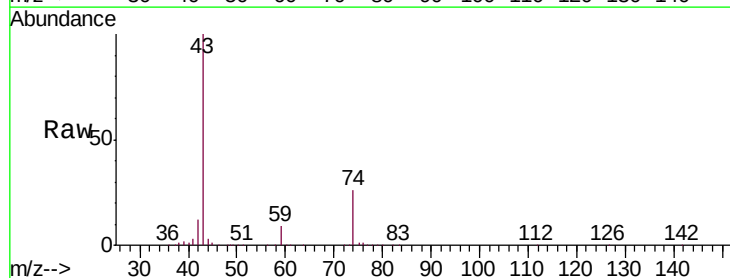
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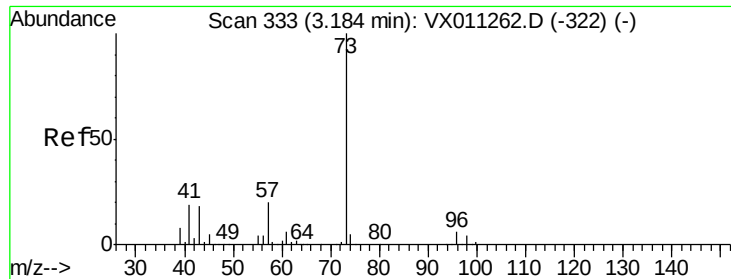
MMDadoda
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#18
Methyl Acetate
Concen: 50.199 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	21.0	31.6





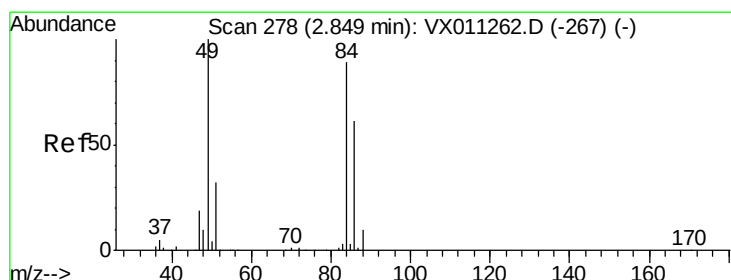
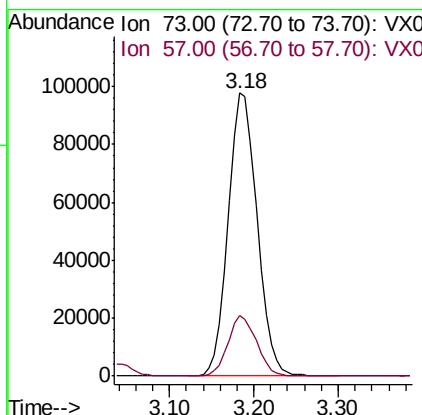
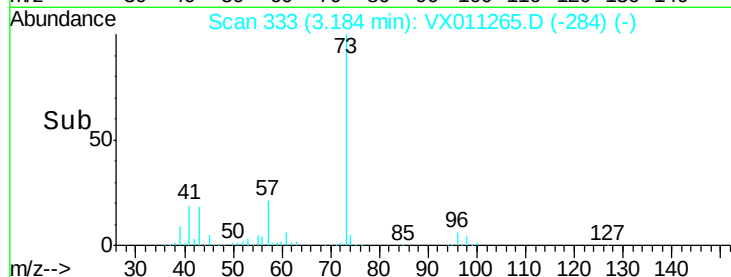
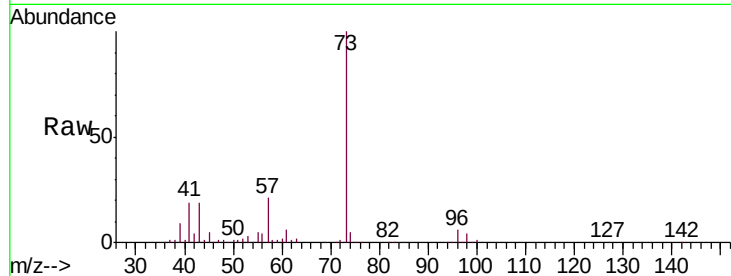
#19
Methyl tert-butyl Ether
Concen: 51.661 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampled :
ICVVX080119

Tgt Ion: 73 Resp: 228070
Ion Ratio Lower Upper
73 100
57 21.4 16.2 24.2

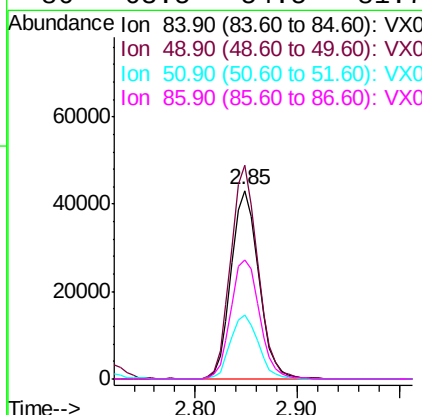
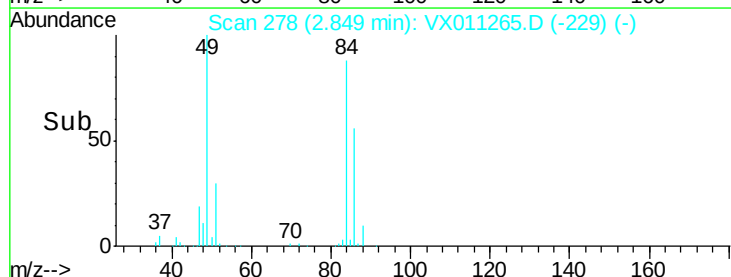
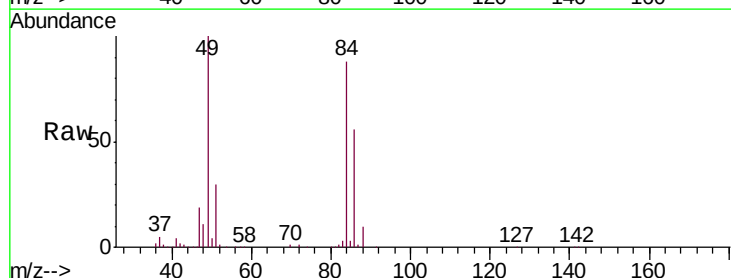
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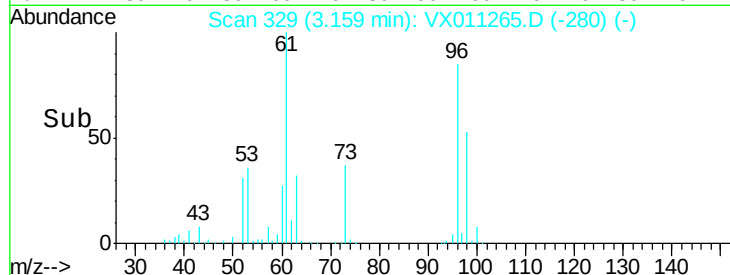
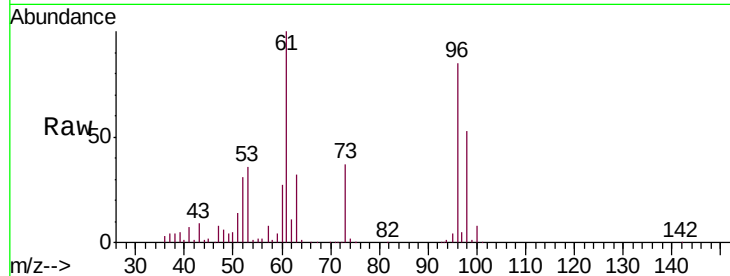
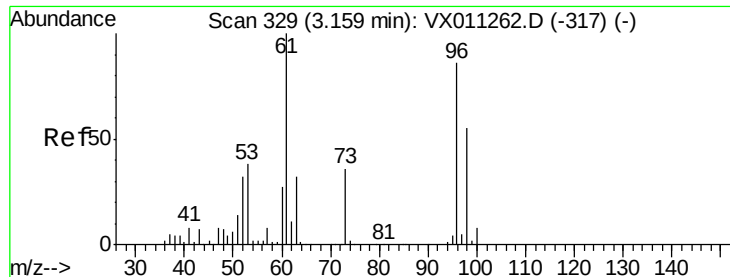
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#20
Methylene Chloride
Concen: 47.009 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion: 84 Resp: 81255
Ion Ratio Lower Upper
84 100
49 113.2 89.3 133.9
51 34.2 28.3 42.5
86 63.5 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 49.758 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Tgt Ion:	96	Resp:	78852
Ion	Ratio	Lower	Upper
96	100		
61	117.4	92.8	139.2
98	62.5	51.2	76.8

Instrument :

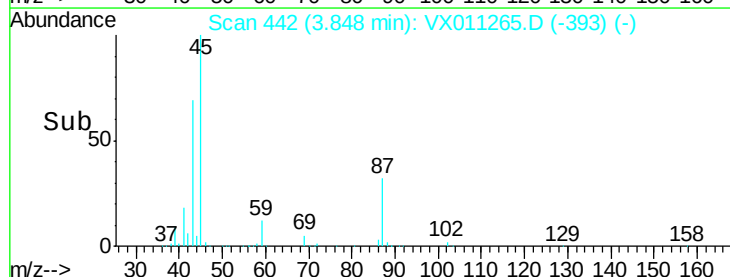
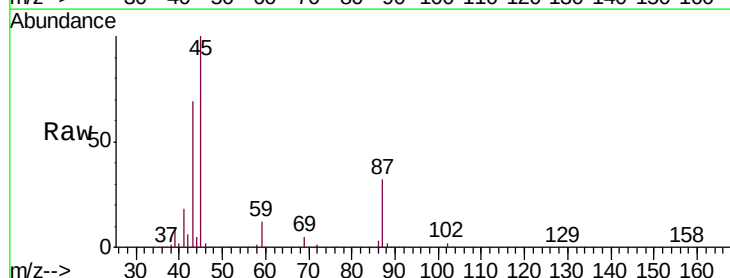
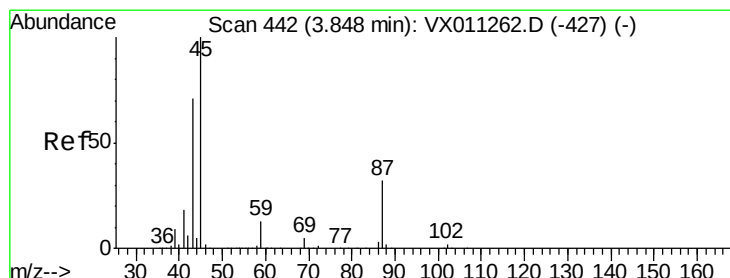
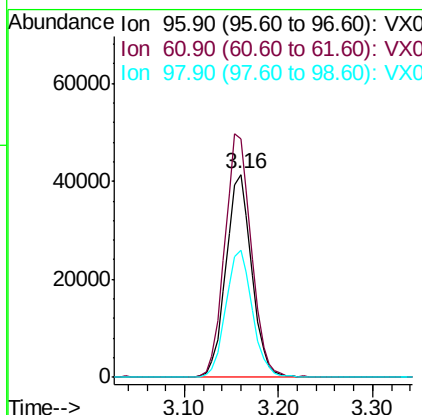
MSVOA_X

ClientSampleId :

ICVVX080119

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#22

Diisopropyl ether

Concen: 50.679 ug/l

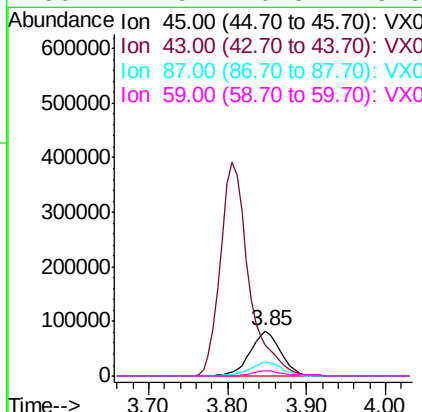
RT: 3.85 min Scan# 442

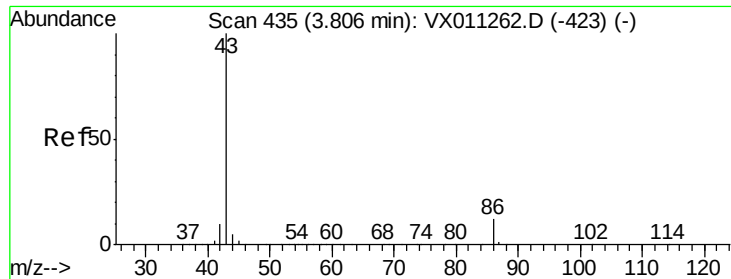
Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Tgt Ion:	45	Resp:	222449
Ion	Ratio	Lower	Upper
45	100		
43	69.2	56.8	85.2
87	32.1	25.8	38.6
59	11.5	10.3	15.5





#23

Vinyl Acetate

Concen: 272.884 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

Tgt Ion: 43 Resp: 993456

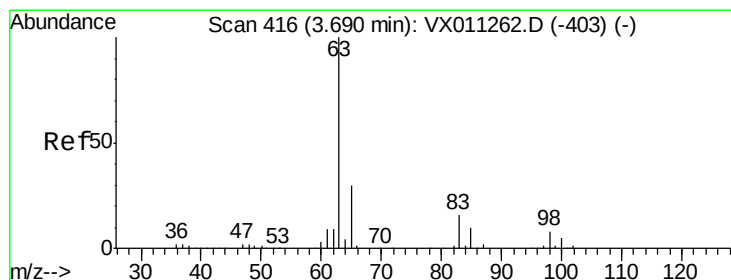
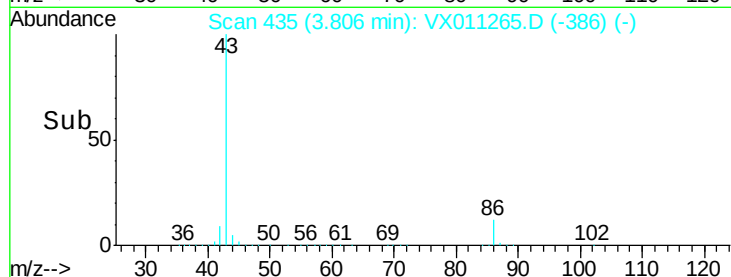
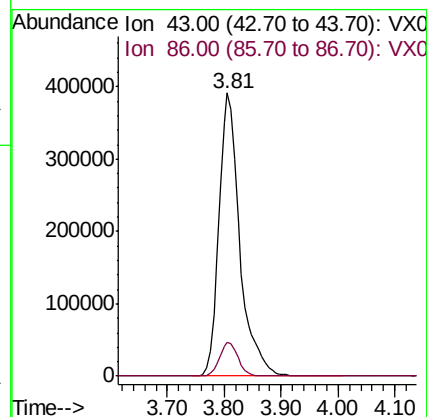
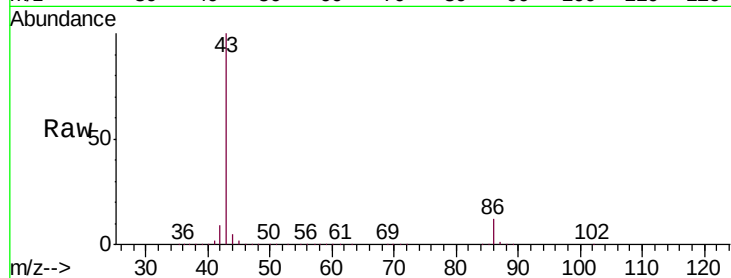
Ion Ratio Lower Upper

43 100

86 11.8 9.6 14.4

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#24

1,1-Dichloroethane

Concen: 49.519 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

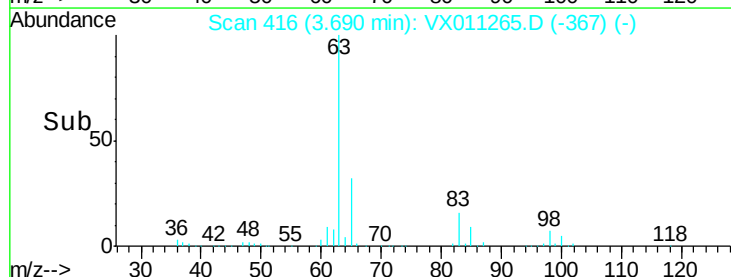
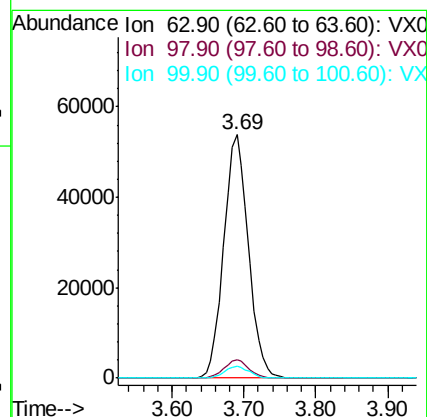
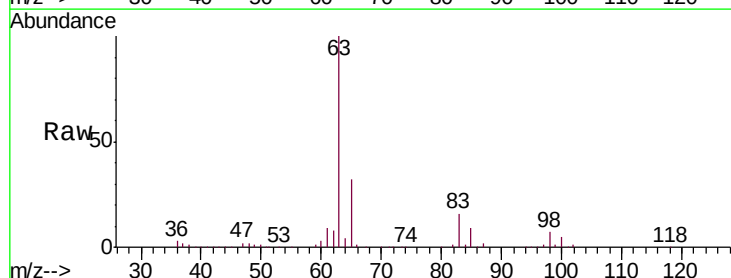
Tgt Ion: 63 Resp: 128167

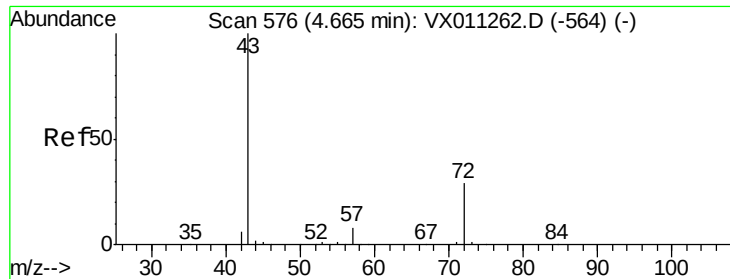
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.7 2.7 8.1





#25

2-Butanone

Concen: 253.536 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

Tgt Ion: 43 Resp: 284645

Ion Ratio Lower Upper

43 100

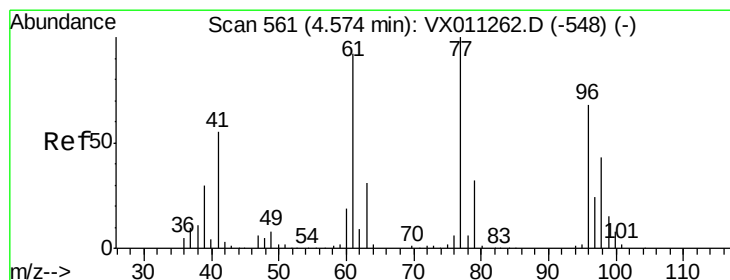
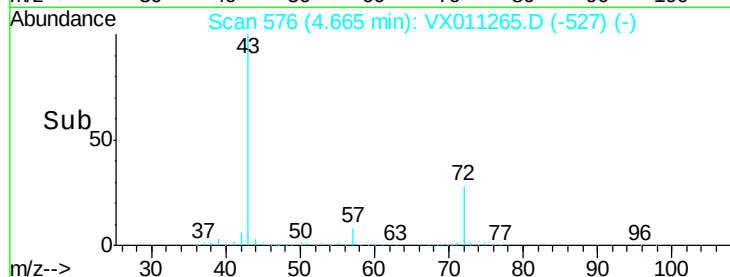
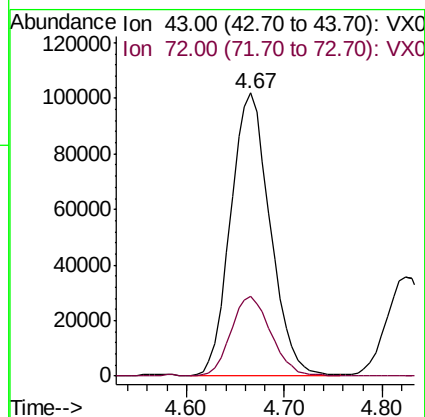
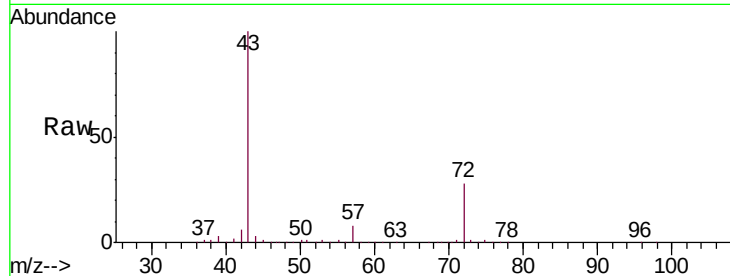
72 28.3 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.428 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011265.D

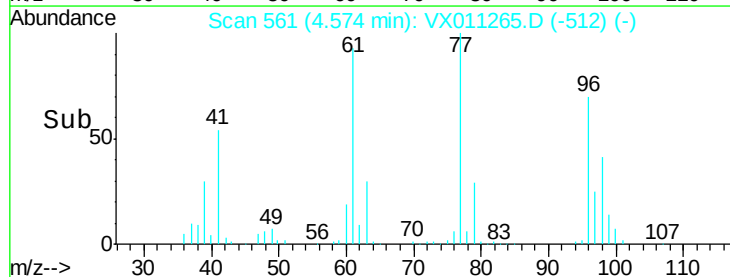
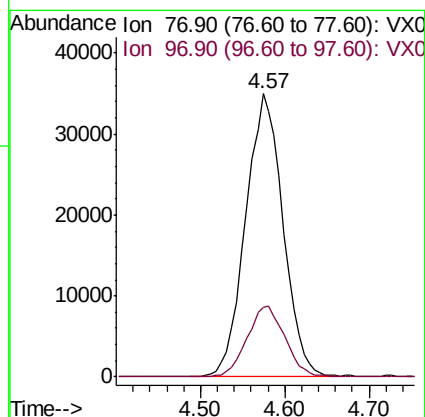
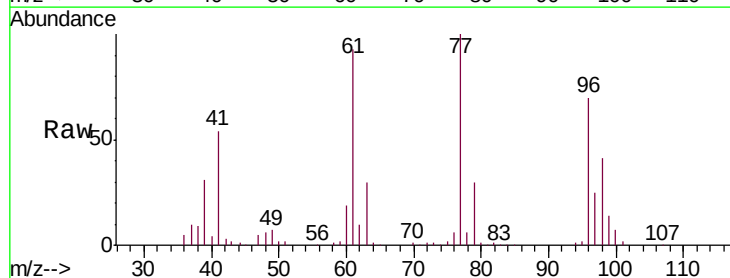
Acq: 01 Aug 2019 17:23

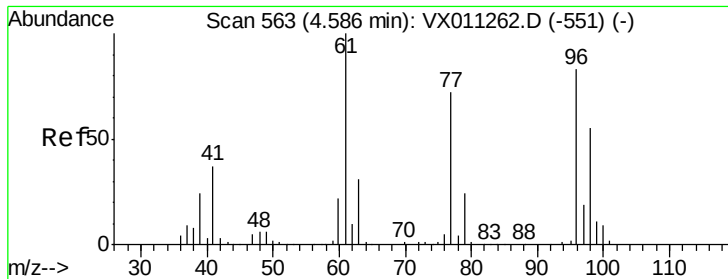
Tgt Ion: 77 Resp: 105484

Ion Ratio Lower Upper

77 100

97 25.4 12.8 38.4





#27

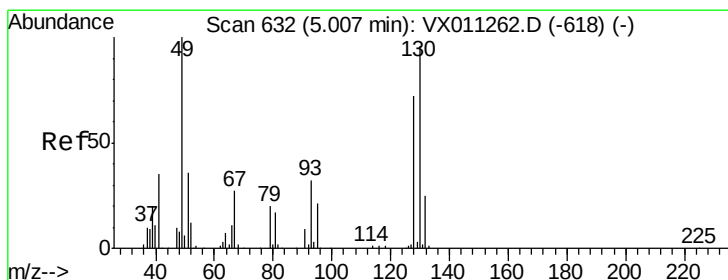
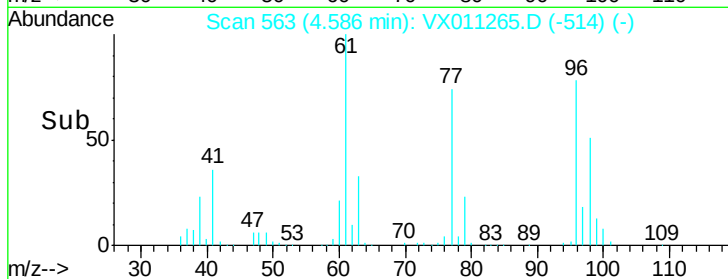
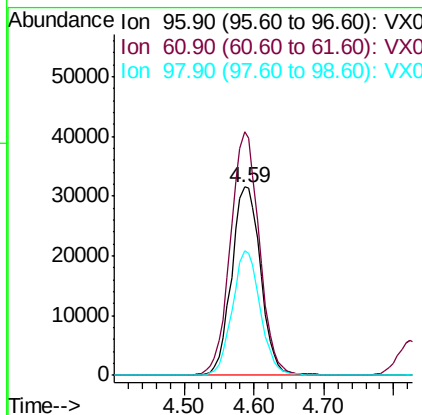
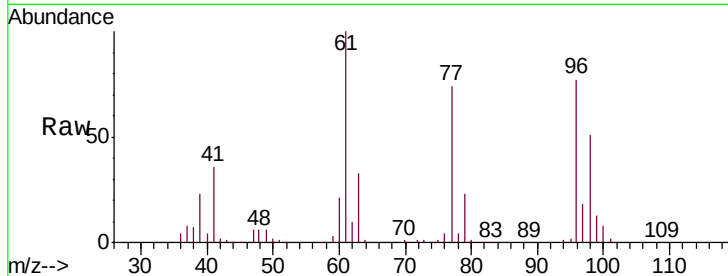
cis-1,2-Dichloroethene
Concen: 49.800 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampled :
ICVVX080119

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	90900		
61	128.8	0.0	260.2	
98	63.7	0.0	133.2	

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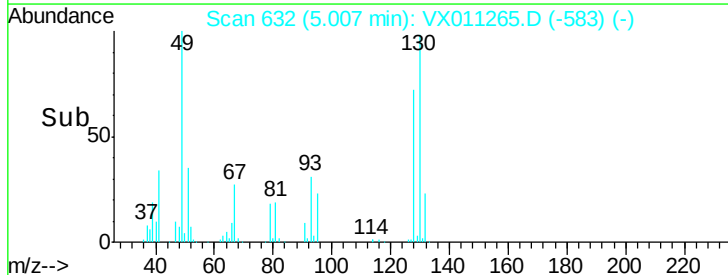
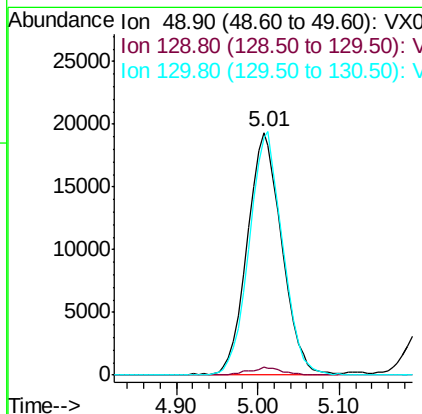
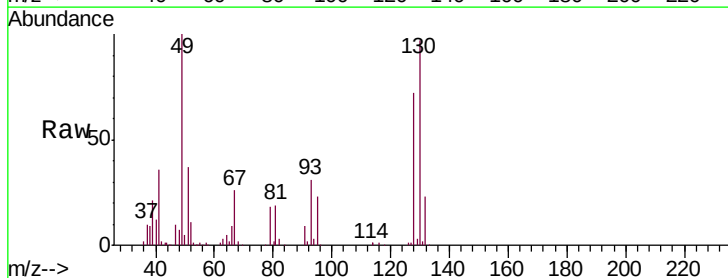
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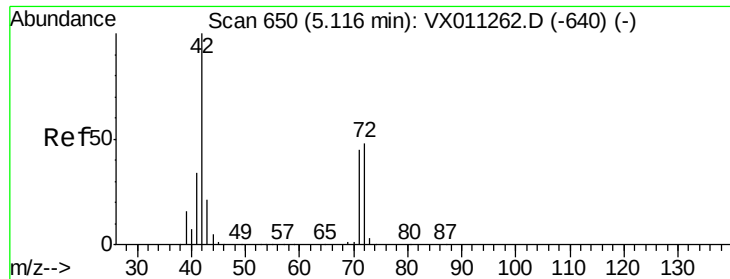


#28

Bromochloromethane
Concen: 48.405 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	57115		
129	2.9	0.0	5.8	
130	96.9	77.9	116.9	





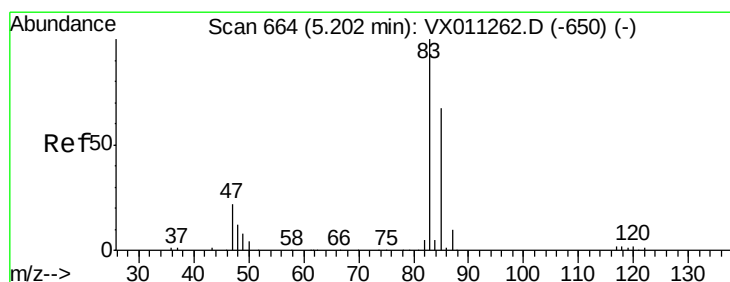
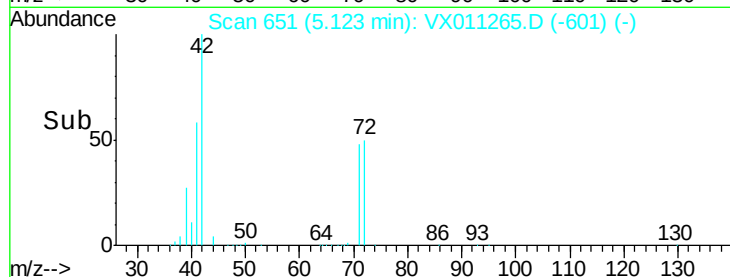
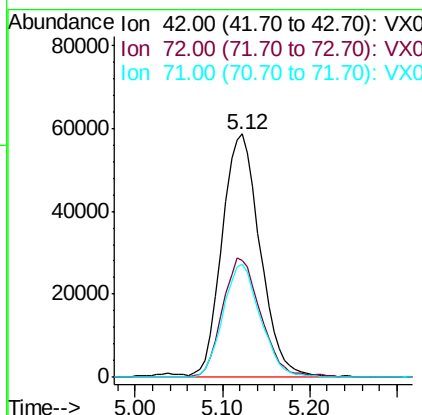
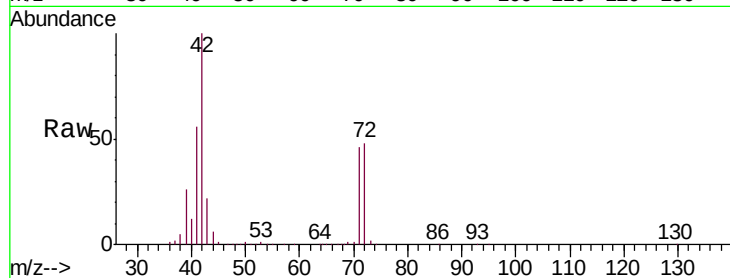
#29
Tetrahydrofuran
Concen: 254.696 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.4	39.9	59.9
71	46.3	36.9	55.3

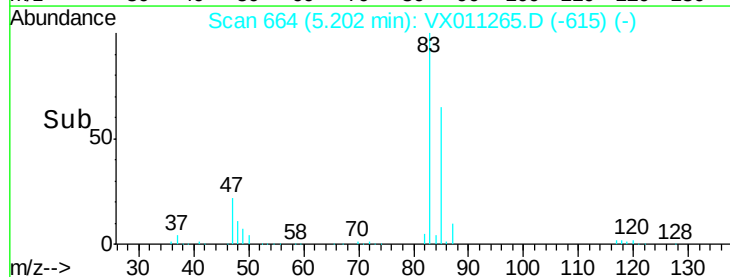
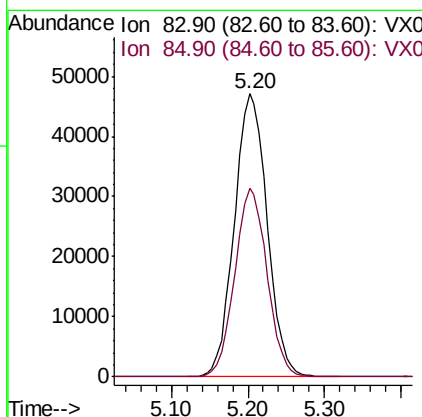
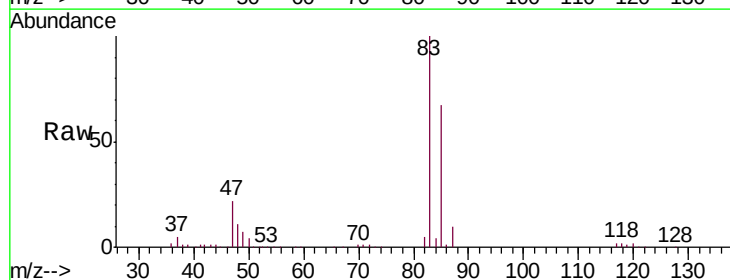
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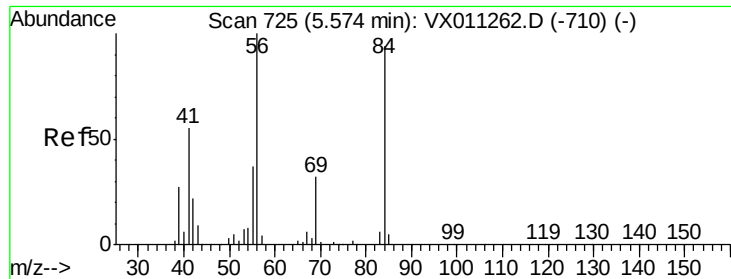
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#30
Chloroform
Concen: 49.789 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	53.4	80.0





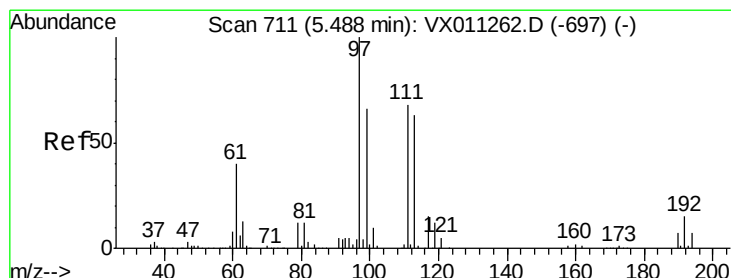
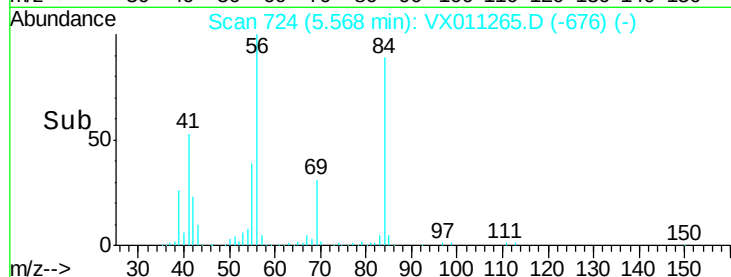
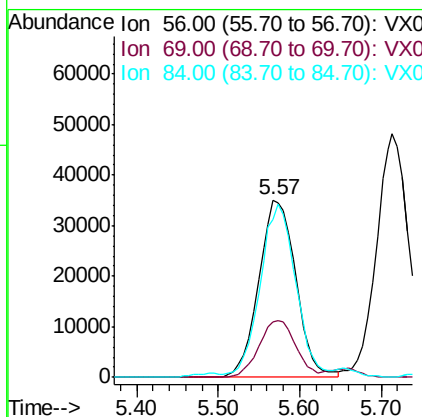
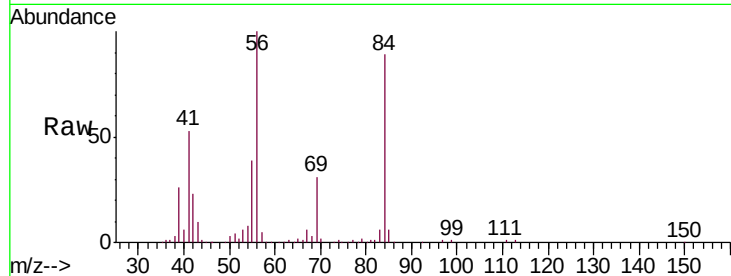
#31
Cyclohexane
Concen: 51.999 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.5	38.3
84	87.7	75.0	112.4

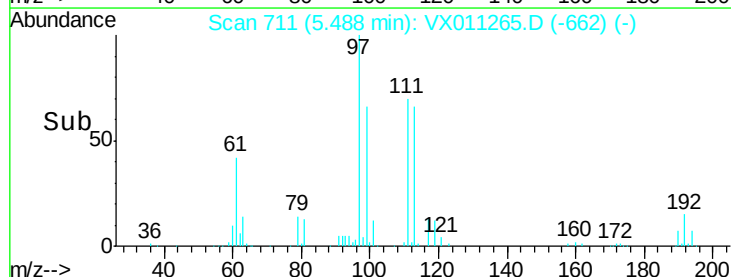
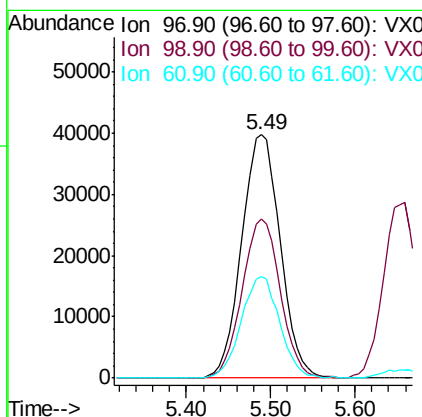
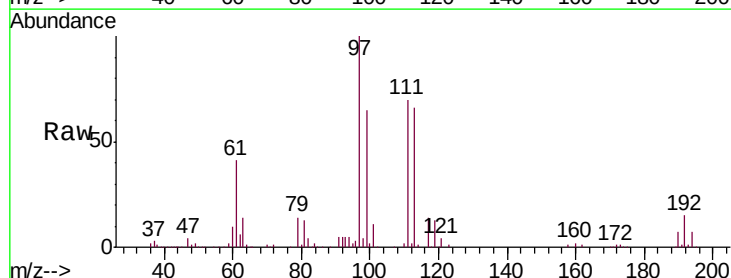
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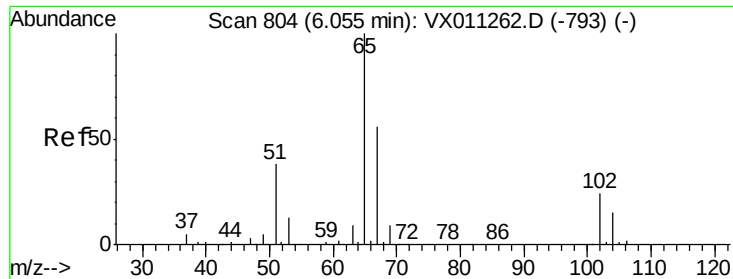
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#32
1,1,1-Trichloroethane
Concen: 51.410 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.6	77.4
61	41.4	32.3	48.5





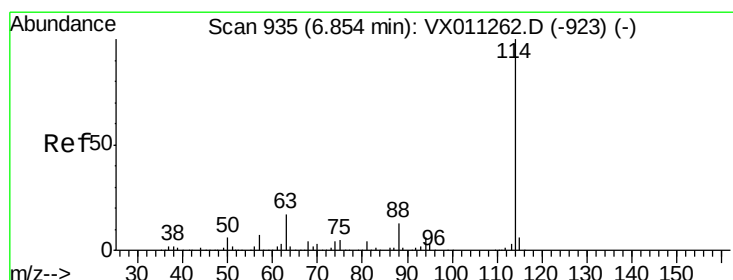
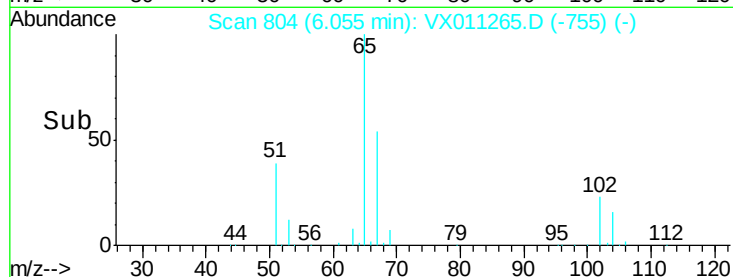
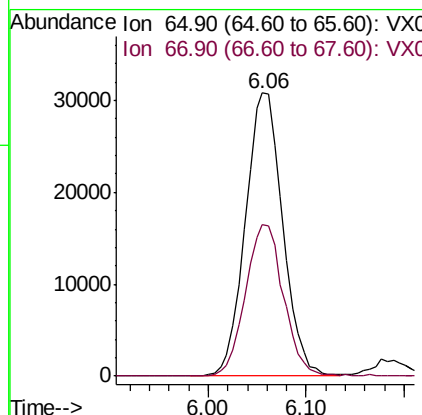
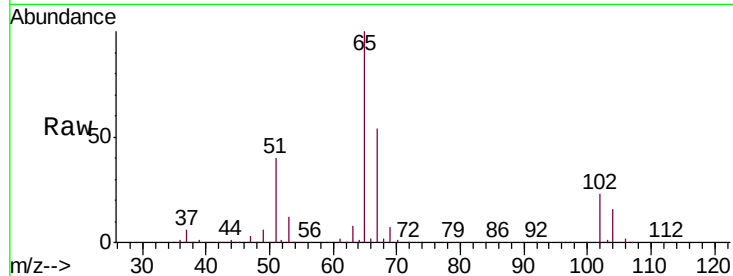
#33
 1,2-Dichloroethane-d4
 Concen: 49.211 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

Tgt Ion: 65 Resp: 81599
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.6

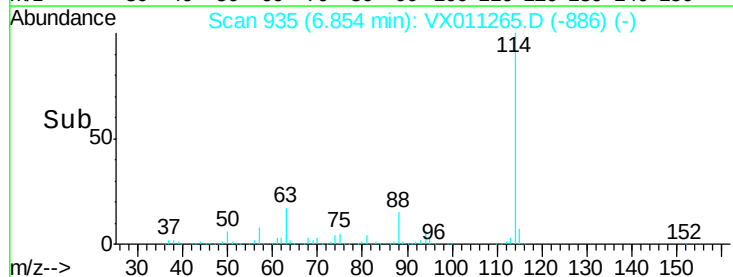
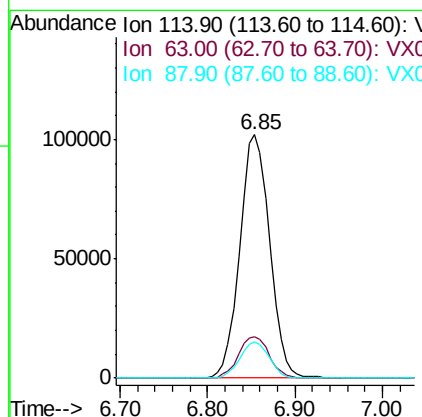
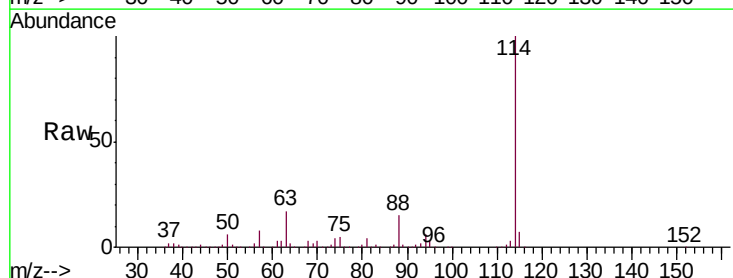
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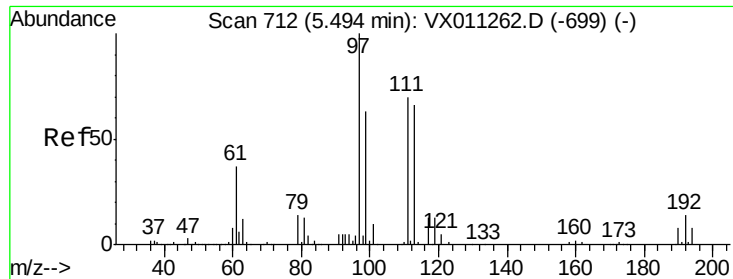
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion: 114 Resp: 242639
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.0
 88 14.7 0.0 26.4





#35

Dibromofluoromethane

Concen: 48.217 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

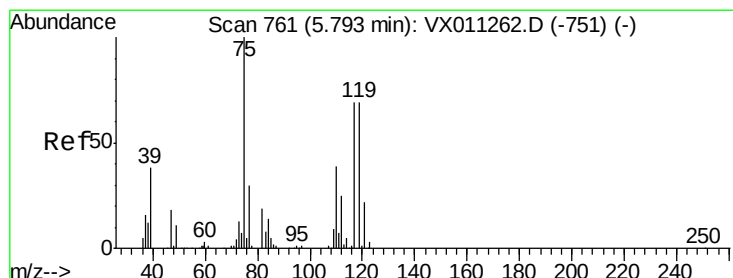
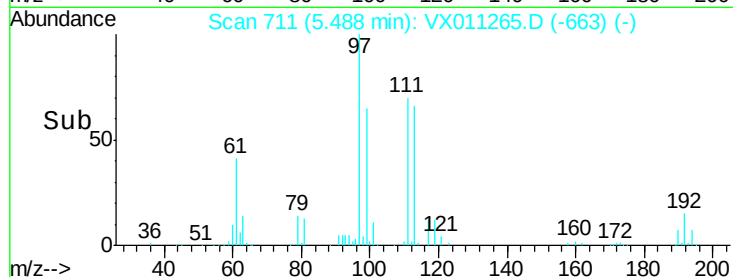
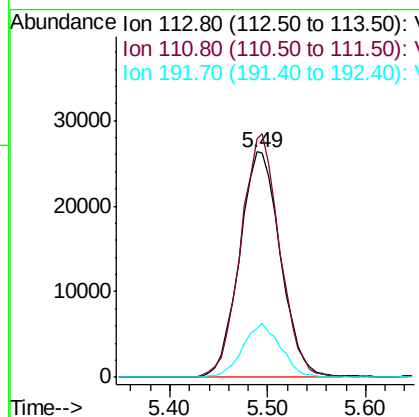
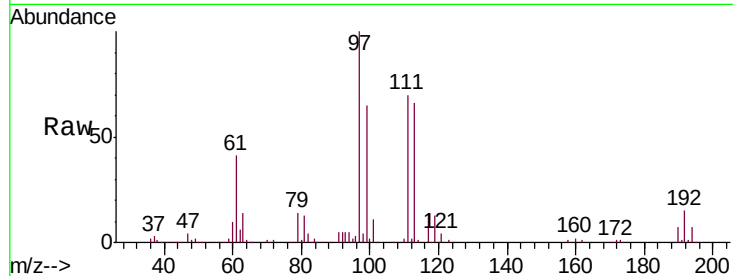
ClientSampleId :

ICVVX080119

Tgt Ion:	113	Resp:	76382
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	22.5	17.8	26.8

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#36

1,1-Dichloropropene

Concen: 48.391 ug/l

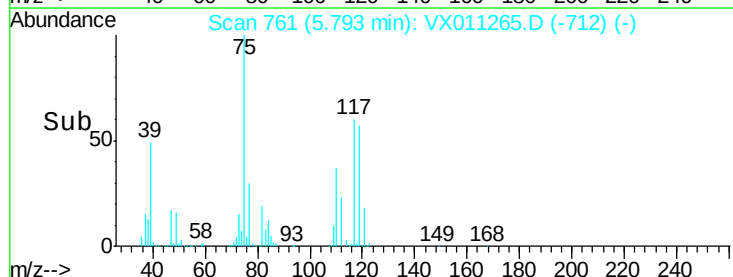
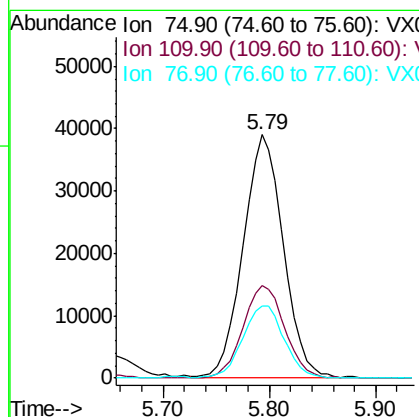
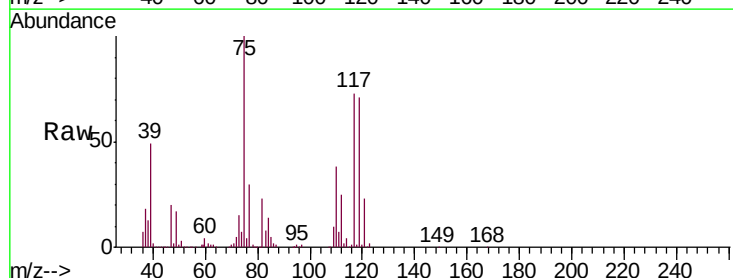
RT: 5.79 min Scan# 761

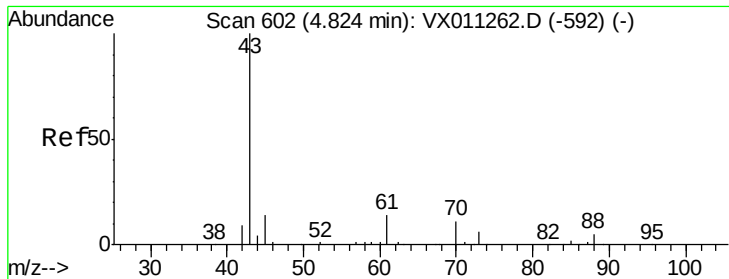
Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Tgt Ion:	75	Resp:	102515
Ion	Ratio	Lower	Upper
75	100		
110	39.9	20.0	59.9
77	31.1	24.8	37.2





#37

Ethyl Acetate

Concen: 50.047 ug/l

RT: 4.82 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

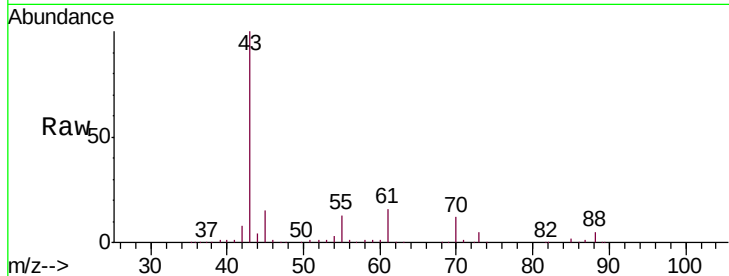
ClientSampled :

ICVVX080119

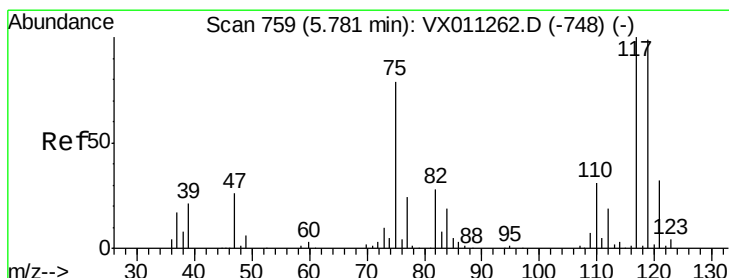
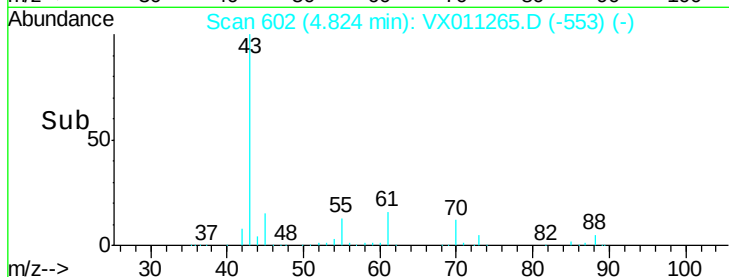
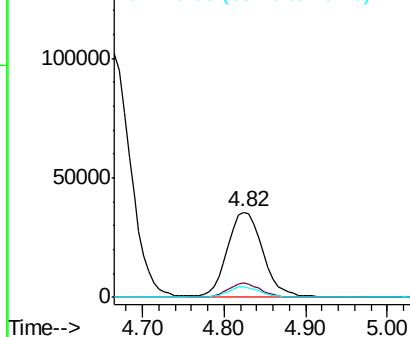
Tgt Ion:	43	Resp:	106348
Ion Ratio	Lower	Upper	
43	100		
61	15.6	12.6	18.8
70	11.7	9.1	13.7

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 52.063 ug/l

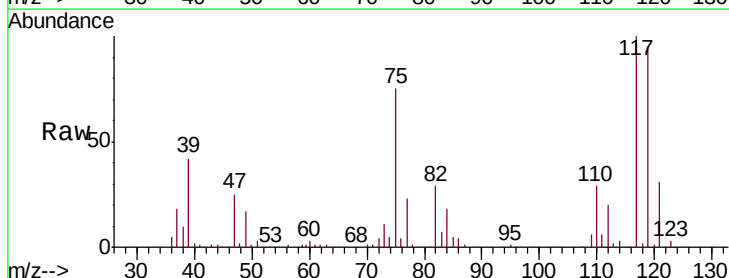
RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

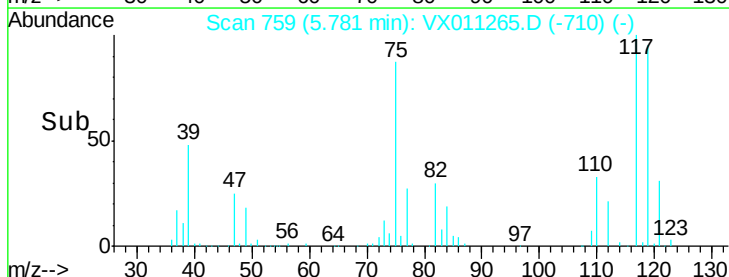
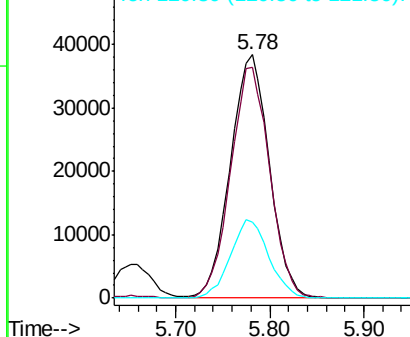
Lab File: VX011265.D

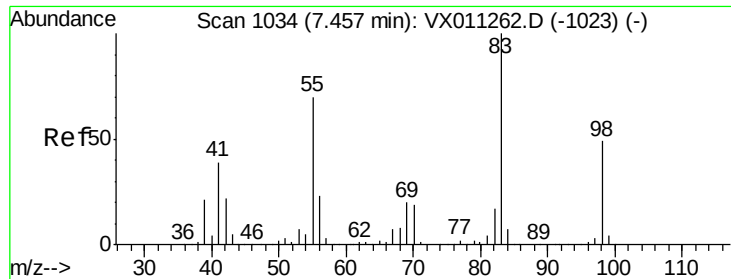
Acq: 01 Aug 2019 17:23

Tgt Ion:	117	Resp:	110963
Ion Ratio	Lower	Upper	
117	100		
119	94.8	79.0	118.4
121	31.2	25.9	38.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





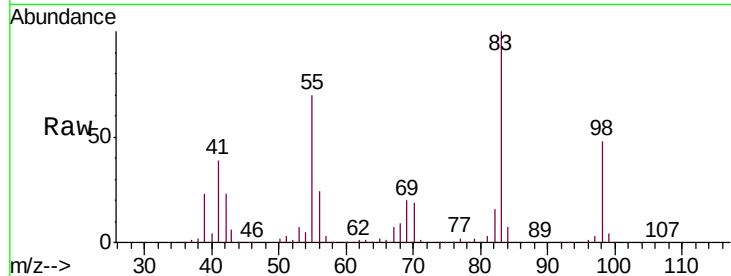
#39
Methylcyclohexane
Concen: 49.130 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

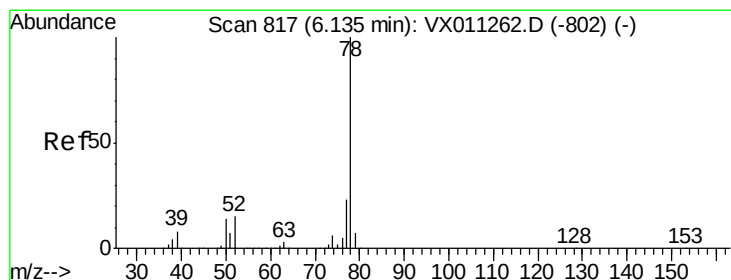
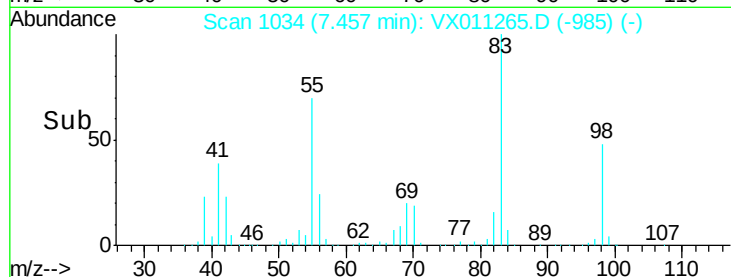
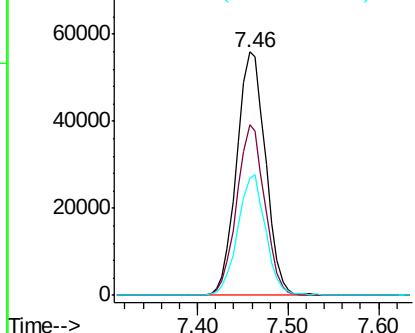
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	123370		
55	70.1	56.1	84.1	
98	48.0	39.0	58.4	

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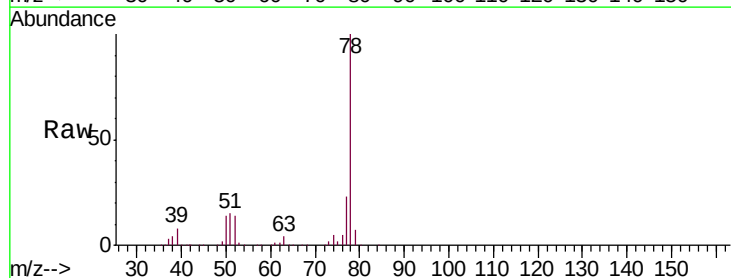


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

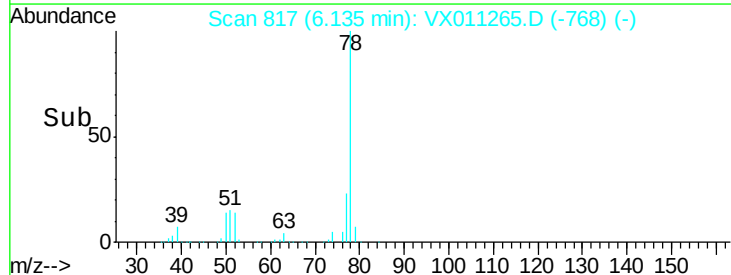
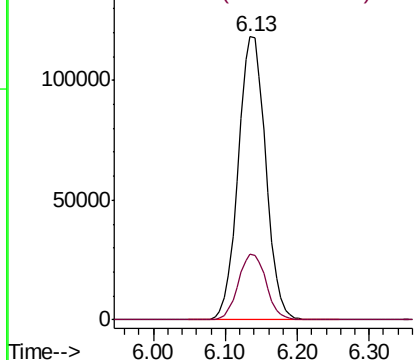


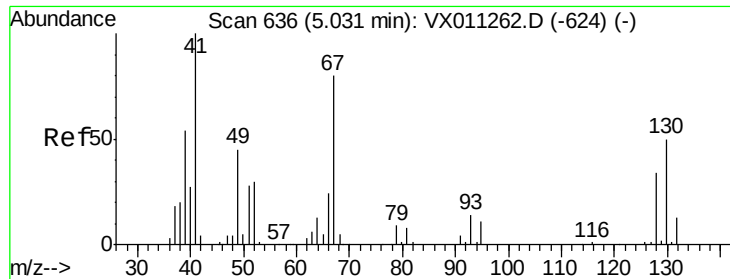
#40
Benzene
Concen: 49.732 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	314391		
77	23.4	18.2	27.2	



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





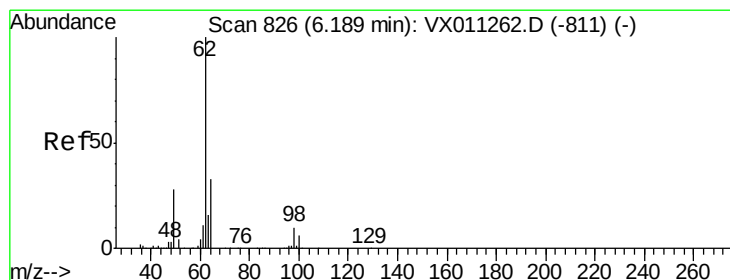
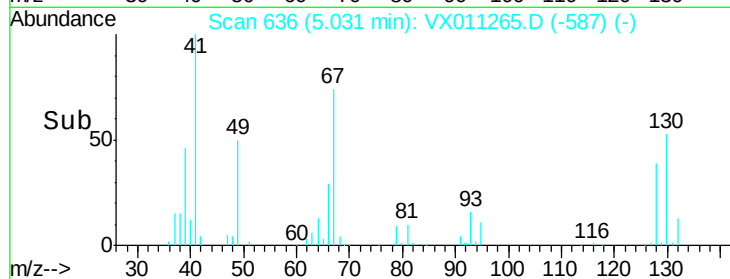
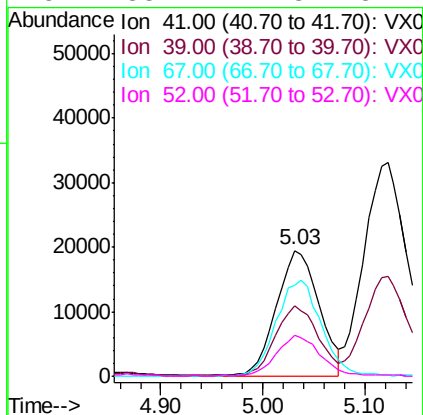
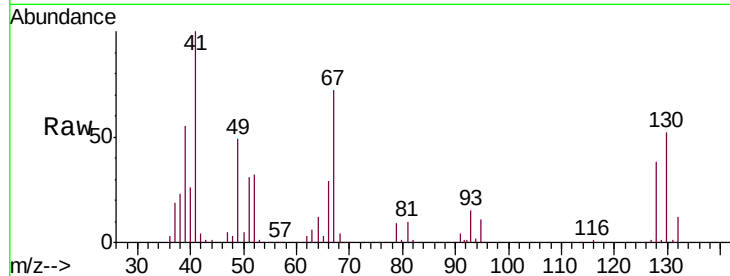
#41
Methacrylonitrile
Concen: 48.488 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	43.0	64.6	
67	81.1	65.1	97.7	
52	33.1	24.8	37.2	

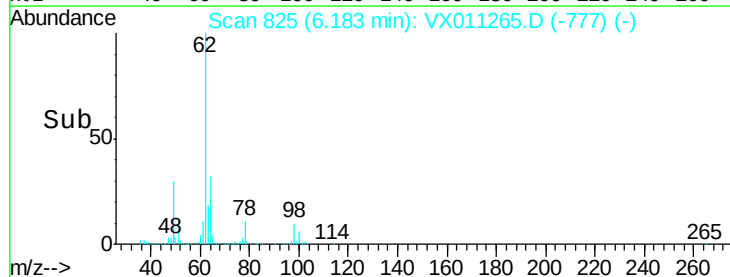
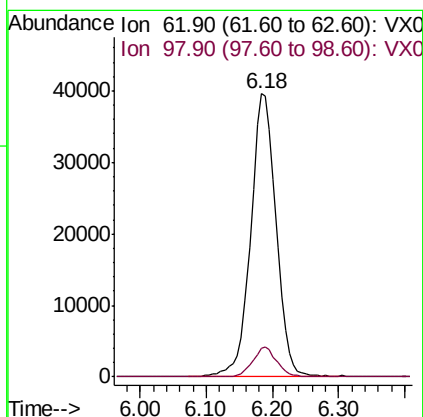
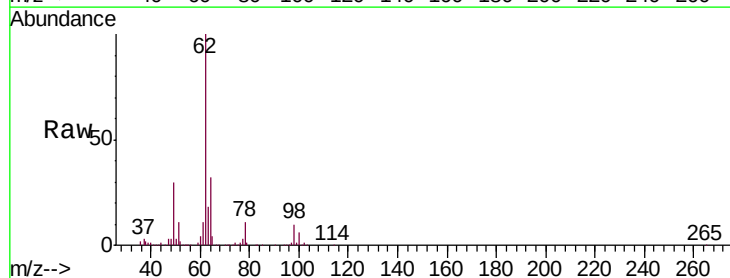
Manual Integrations
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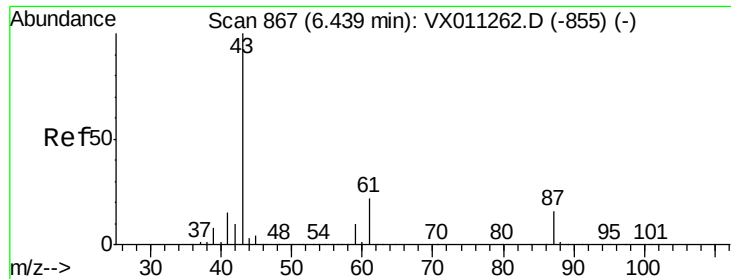
MMDadoda
8/2/2019 9:07:19 AM



#42
1,2-Dichloroethane
Concen: 49.734 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	20.6	





#43

Isopropyl Acetate

Concen: 50.448 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

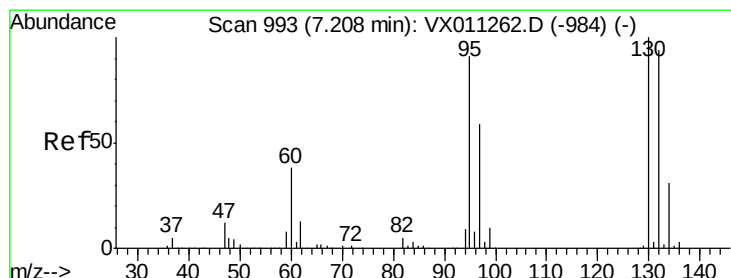
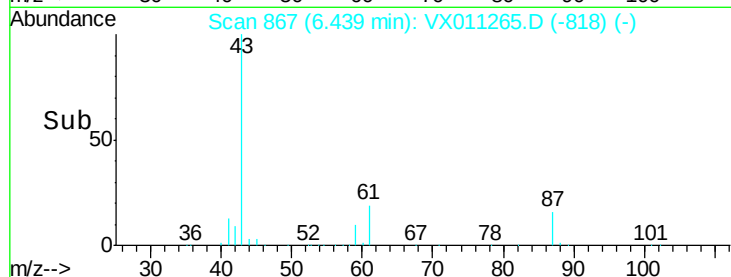
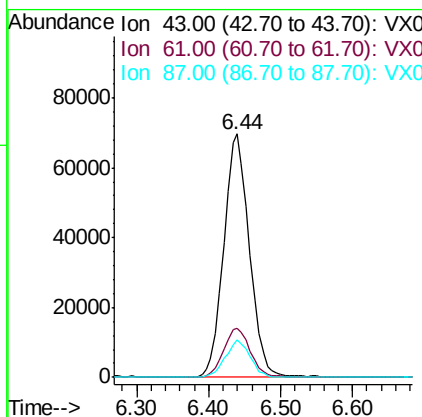
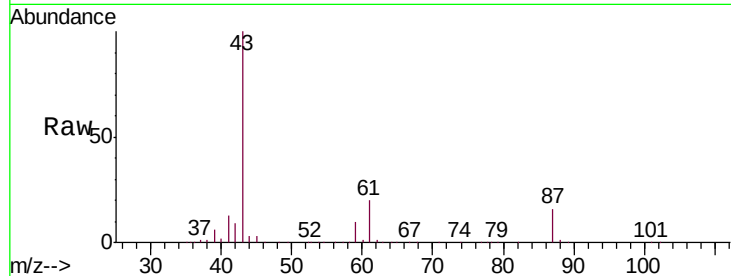
ClientSampleId :

ICVVX080119

Tgt Ion:	43	Resp:	171391
Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.5	24.7
87	15.0	12.1	18.1

Manual Integrations
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#44

Trichloroethene

Concen: 48.388 ug/l

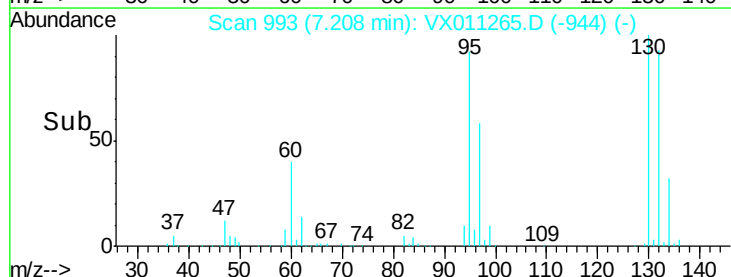
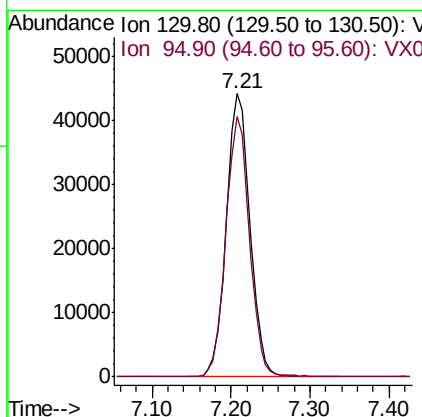
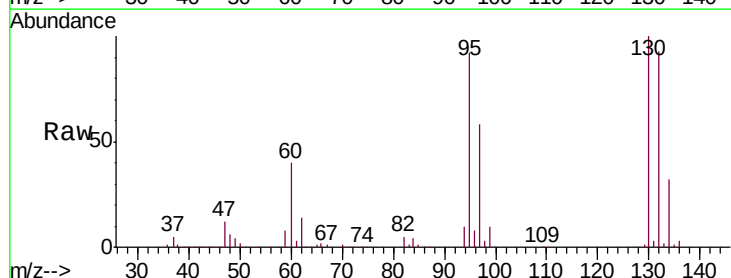
RT: 7.21 min Scan# 993

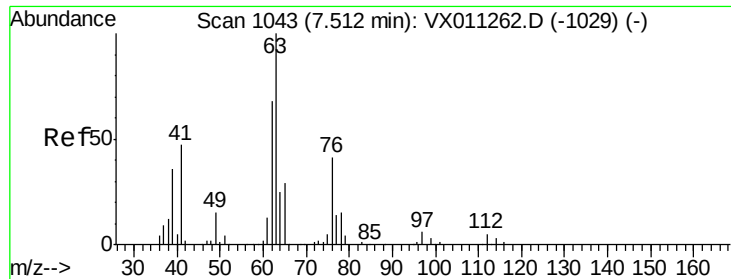
Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Tgt Ion:	130	Resp:	92590
Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	182.6





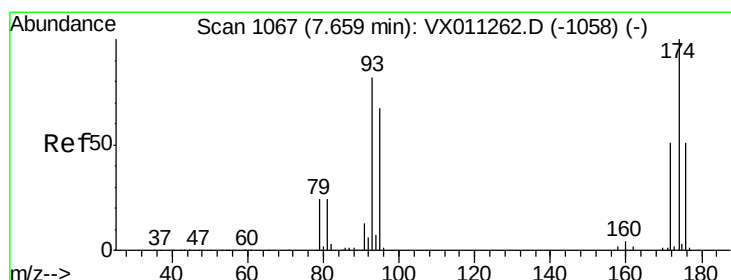
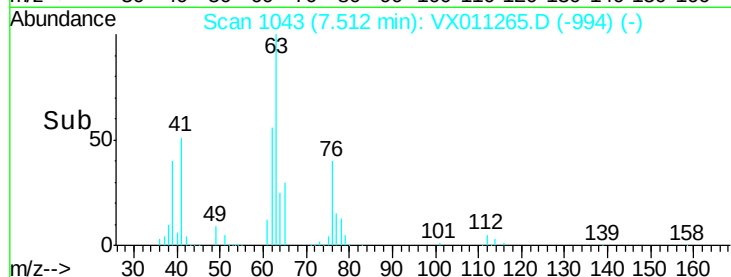
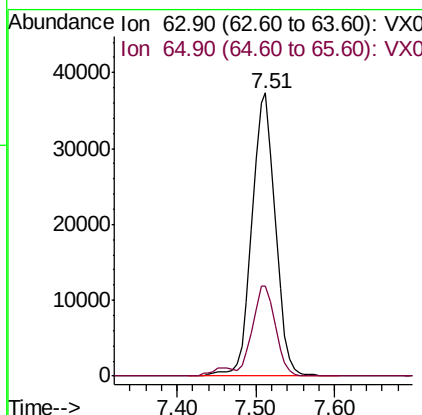
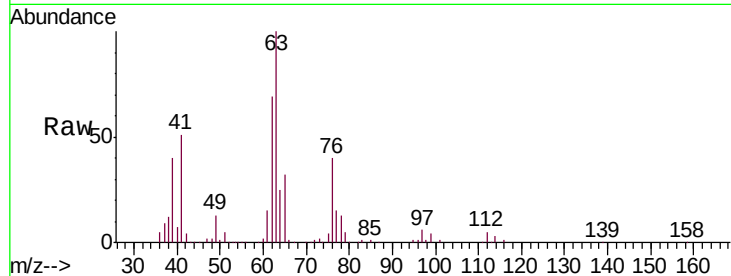
#45
 1,2-Dichloropropane
 Concen: 47.310 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

Tgt Ion: 63 Resp: 77456
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.3 34.9

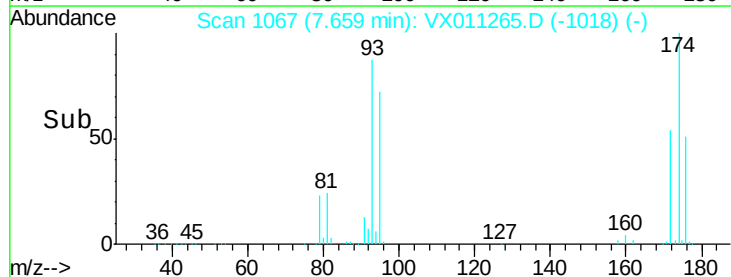
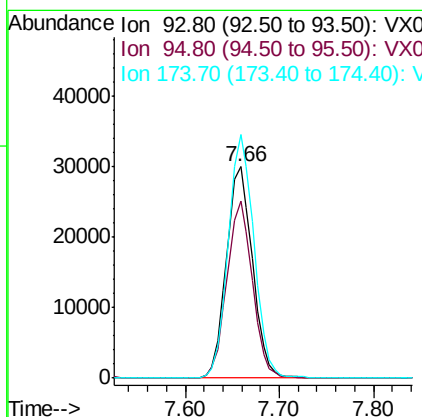
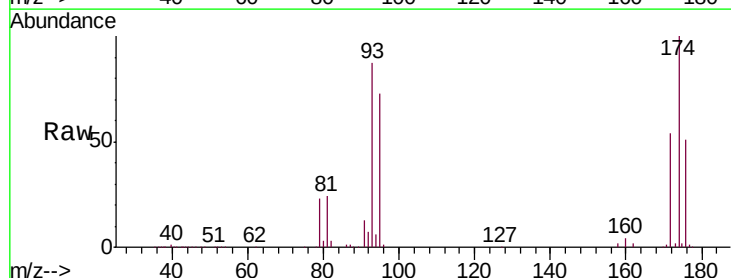
Manual Integrations
 APPROVED

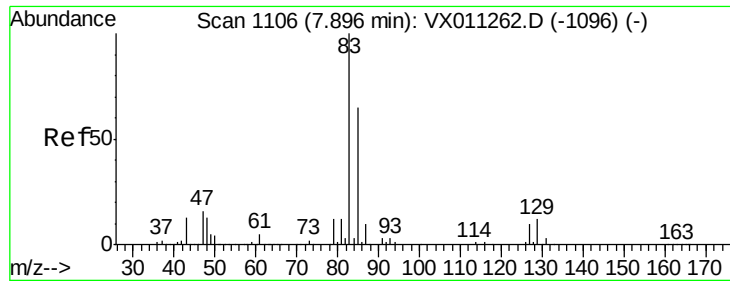
MMDadoda
 8/2/2019 9:07:19 AM



#46
 Dibromomethane
 Concen: 48.399 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion: 93 Resp: 57845
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.4 99.6
 174 113.7 93.4 140.2





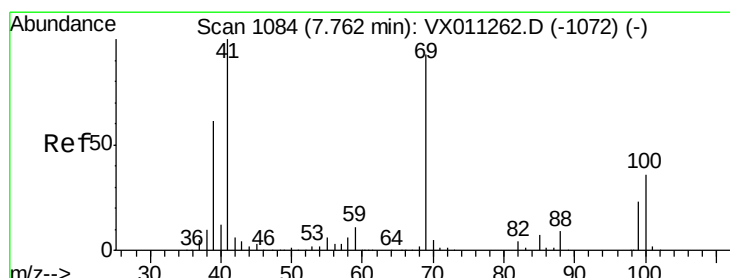
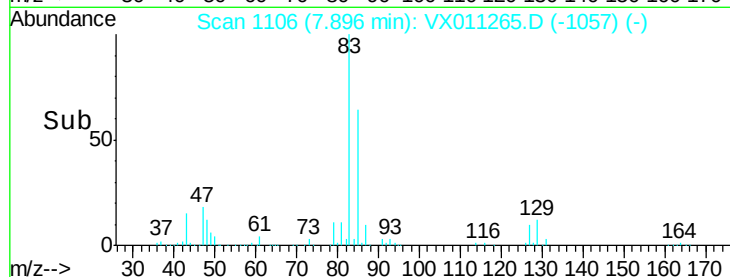
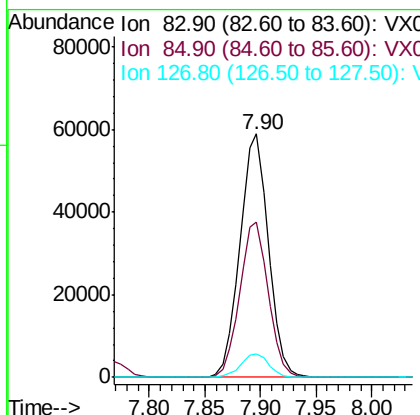
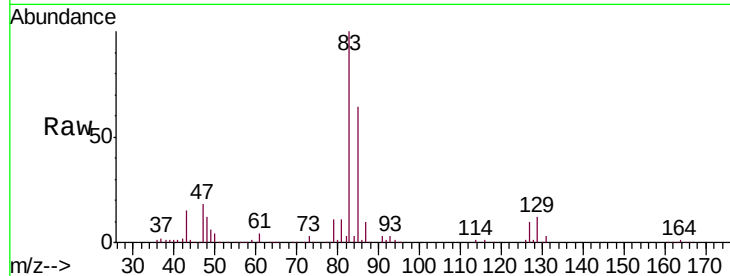
#47
 Bromodichloromethane
 Concen: 51.645 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	104505		
85	63.9	52.2	78.2	
127	9.6	7.8	11.8	

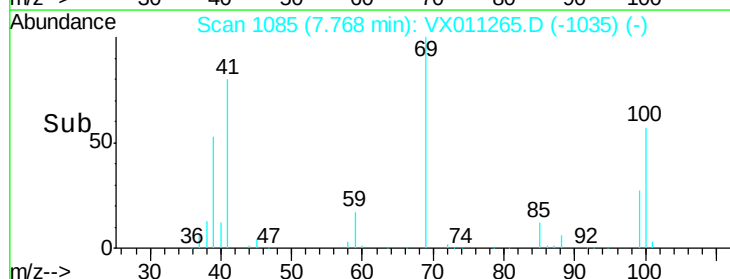
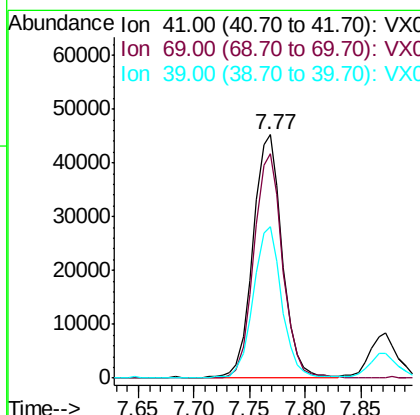
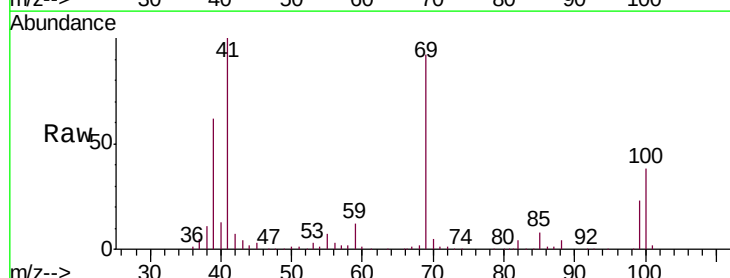
Manual Integrations
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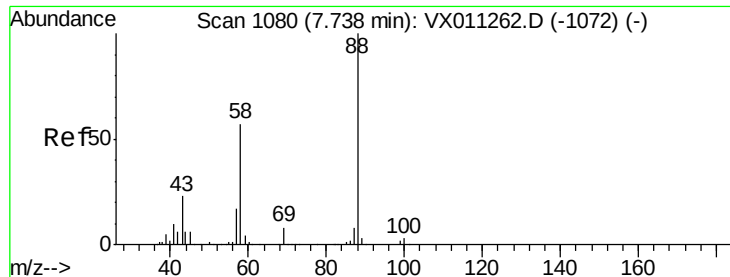
MMDadoda
 8/2/2019 9:07:19 AM



#48
 Methyl methacrylate
 Concen: 51.488 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	82321		
69	91.3	74.5	111.7	
39	60.2	48.6	72.8	





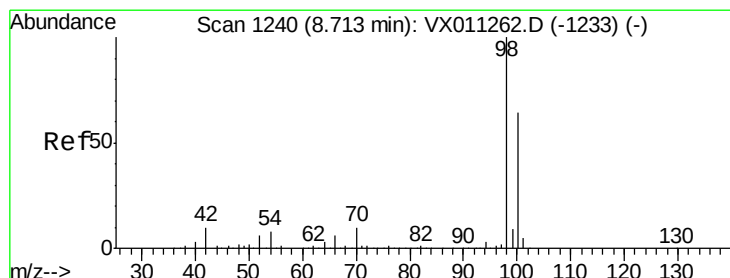
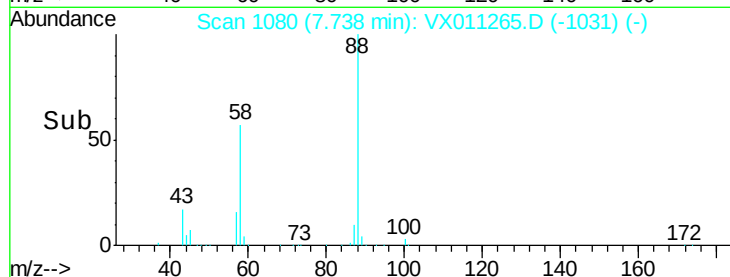
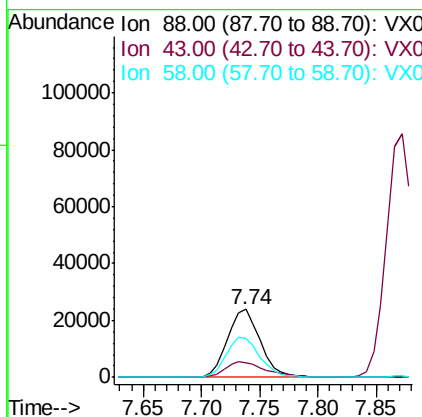
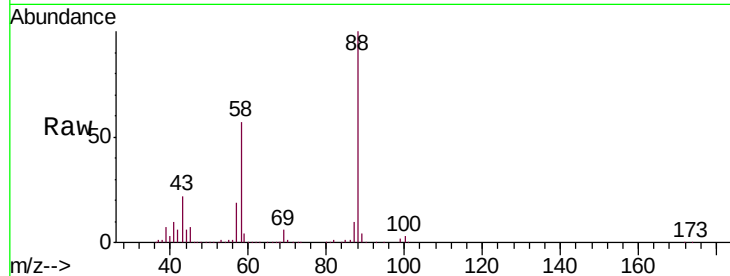
#49
1,4-Dioxane
Concen: 1004.191 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampled :
ICVVX080119

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.4	22.2	33.2
58	61.8	47.8	71.8

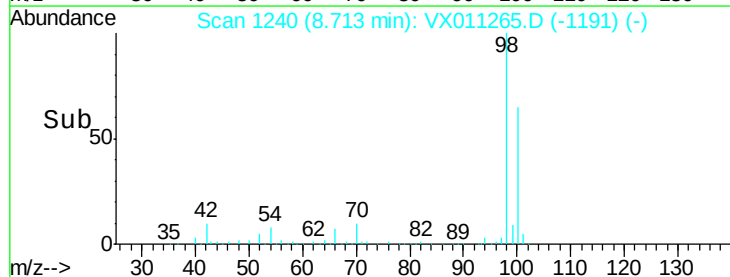
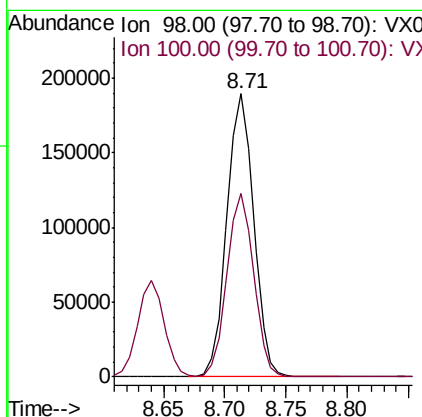
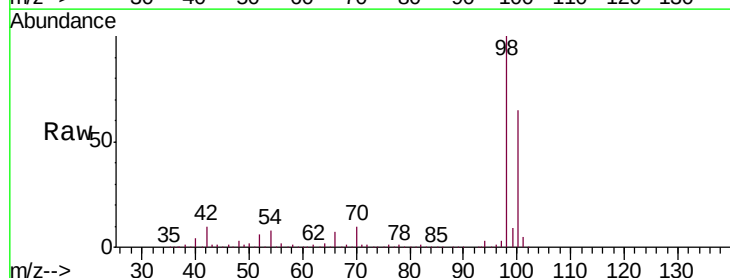
Manual Integrations
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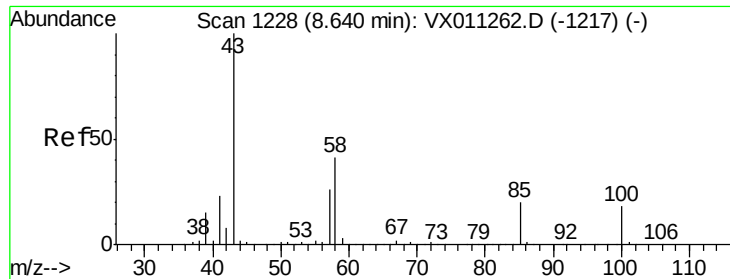
MMDadoda
8/2/2019 9:07:19 AM



#50
Toluene-d8
Concen: 48.117 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5





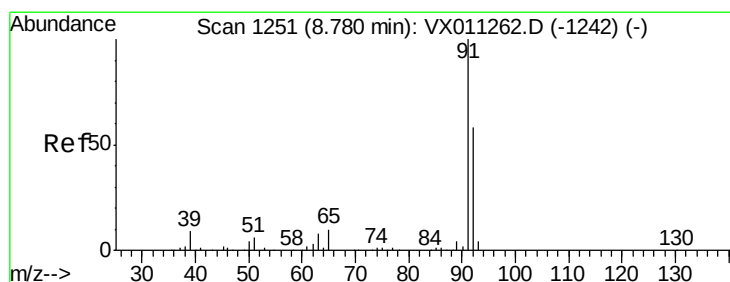
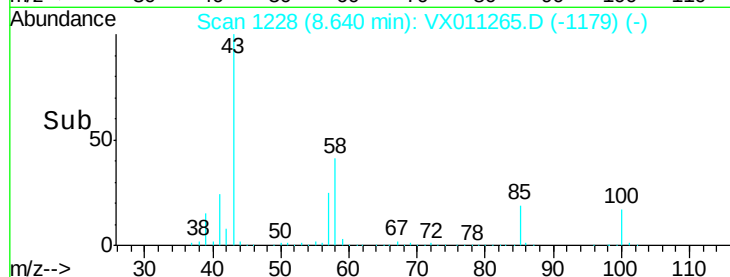
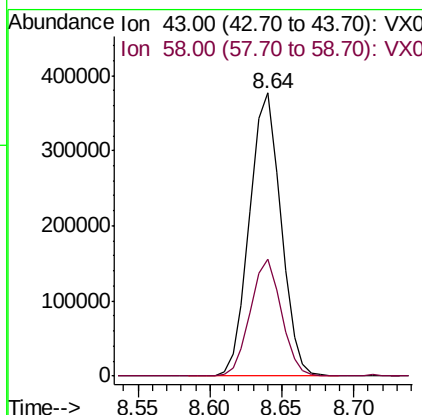
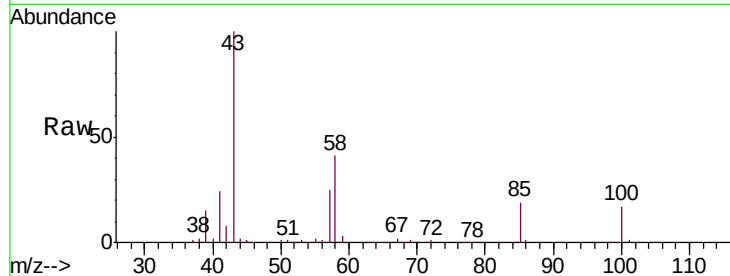
#51
 4-Methyl-2-Pentanone
 Concen: 259.668 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.8	32.3	48.5

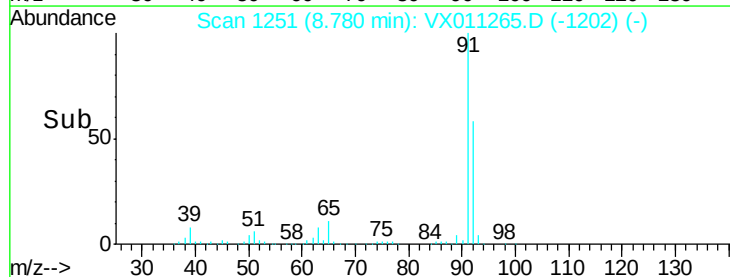
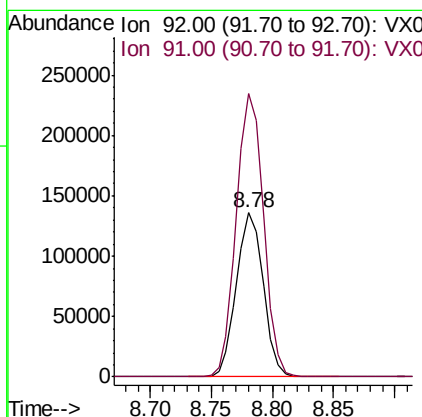
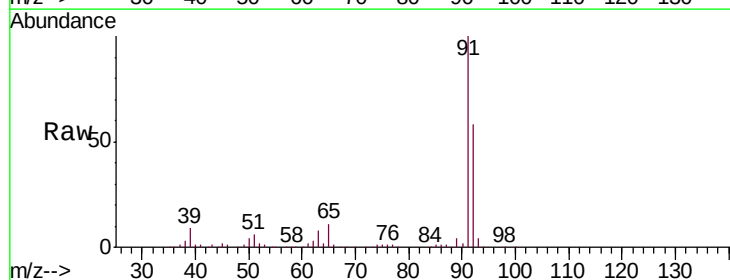
Manual Integrations
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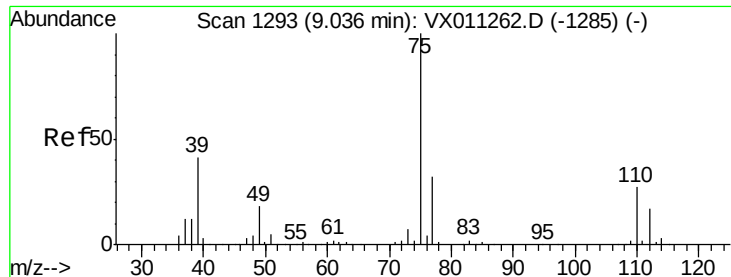
MMDadoda
 8/2/2019 9:07:19 AM



#52
 Toluene
 Concen: 49.695 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.6	139.4	209.0





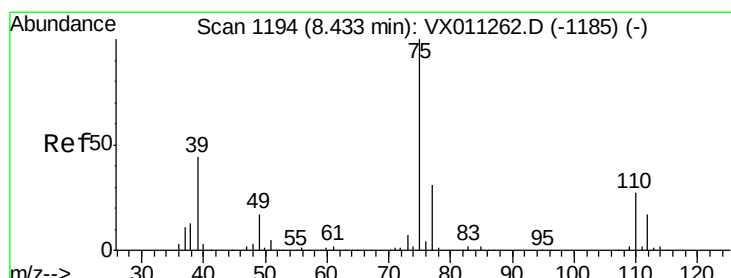
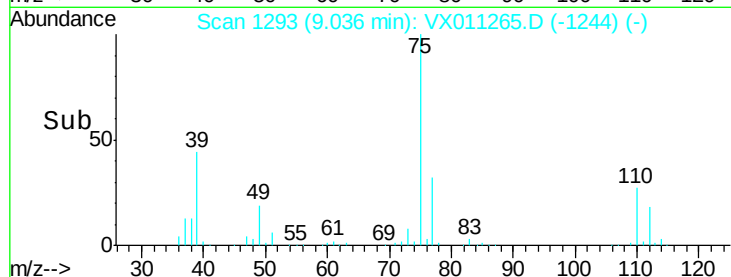
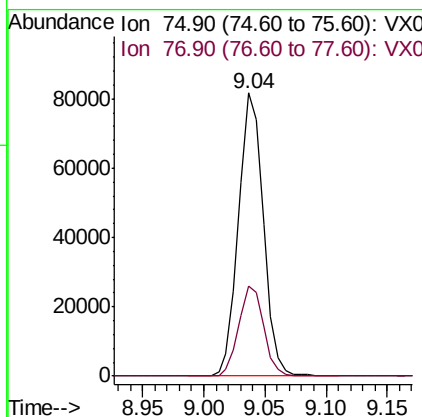
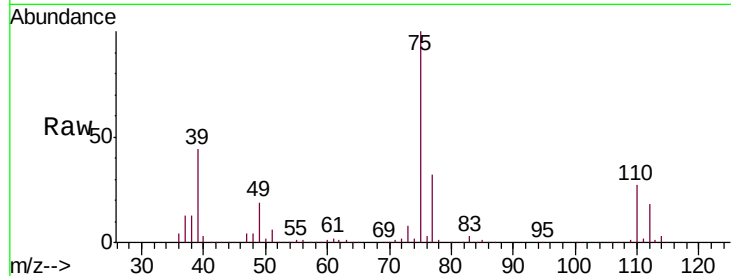
#53
 t-1,3-Dichloropropene
 Concen: 48.718 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

Tgt Ion: 75 Resp: 114626
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0

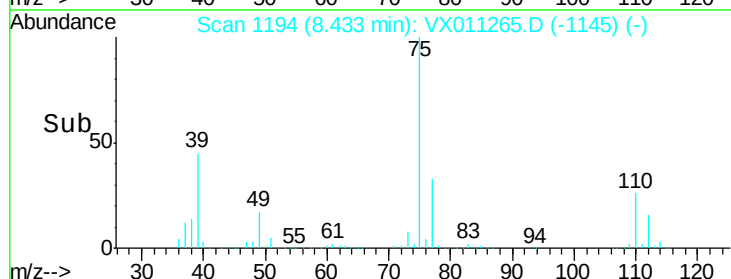
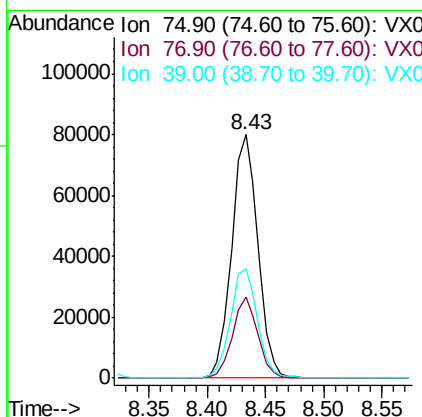
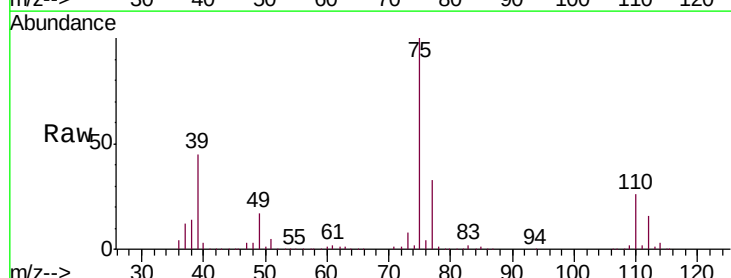
Manual Integrations
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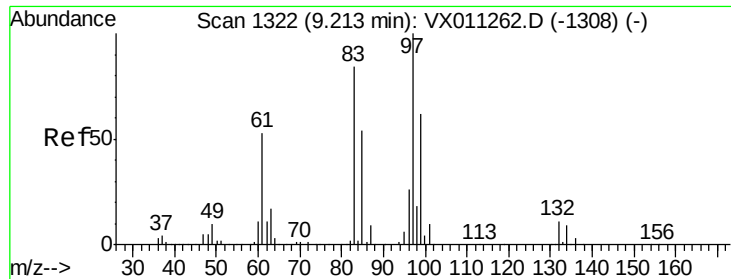
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#54
 cis-1,3-Dichloropropene
 Concen: 53.293 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion: 75 Resp: 125970
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.0 37.6
 39 44.9 35.3 52.9





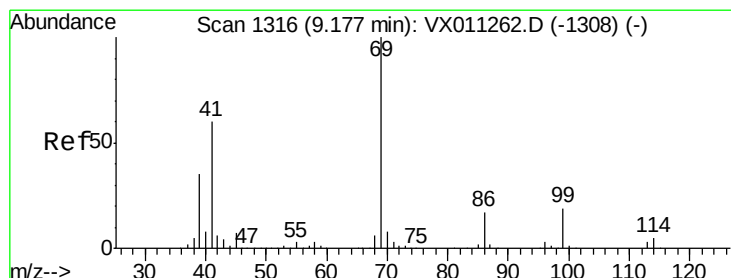
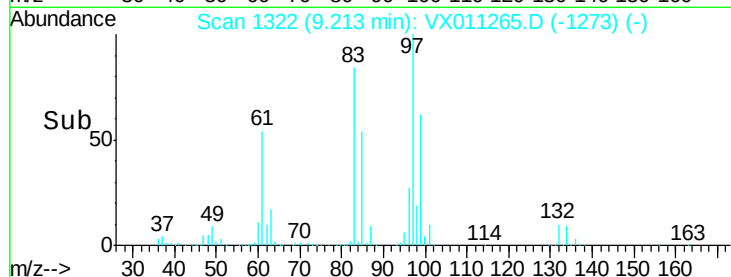
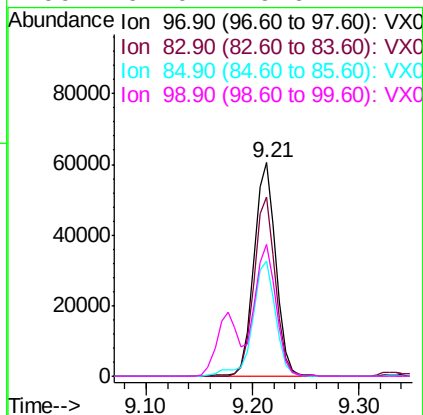
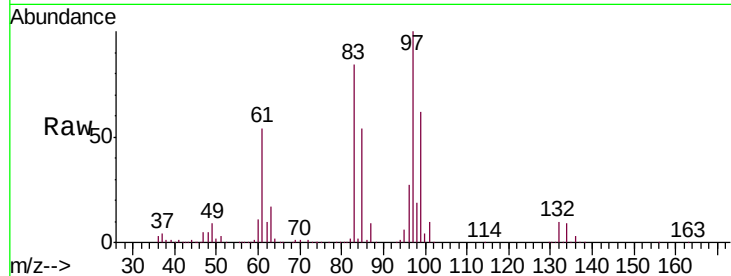
#55
 1,1,2-Trichloroethane
 Concen: 50.546 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

Tgt Ion	Resp	Lower	Upper
97	100		
83	83.5	67.6	101.4
85	53.8	43.4	65.0
99	62.0	49.6	74.4

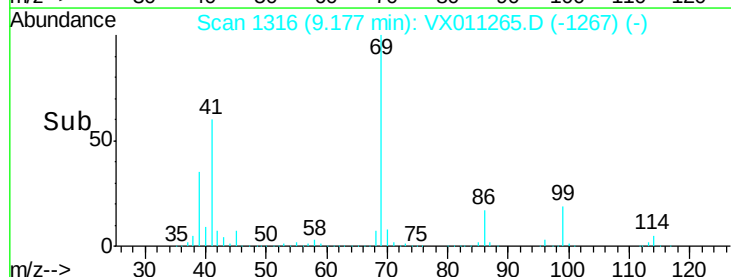
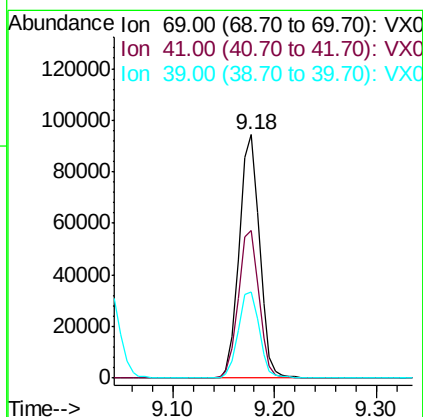
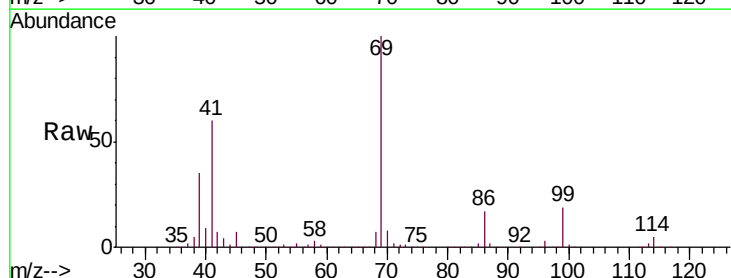
Manual Integrations
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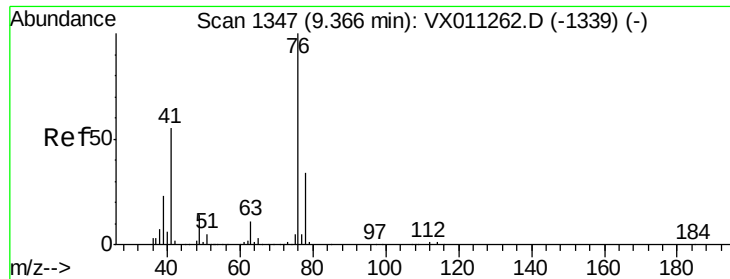
MMDadoda
 8/2/2019 9:07:19 AM



#56
 Ethyl methacrylate
 Concen: 52.645 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion	Resp	Lower	Upper
69	100		
41	61.7	48.6	73.0
39	36.7	29.4	44.2





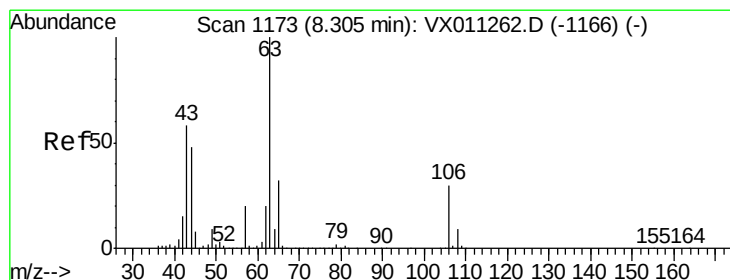
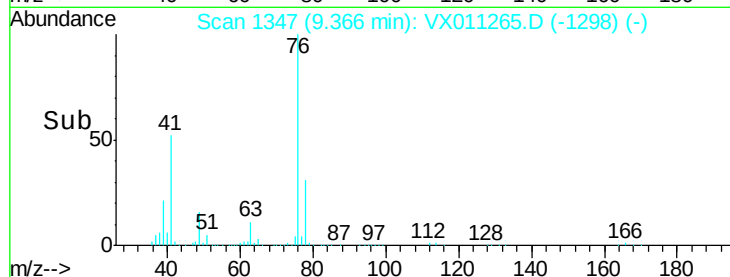
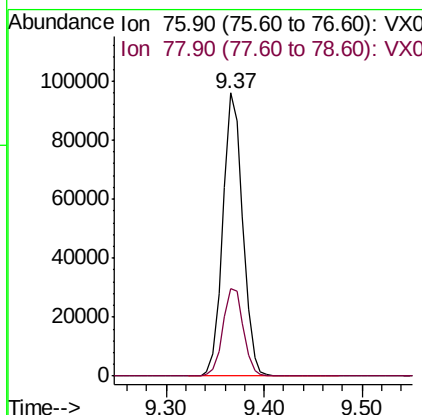
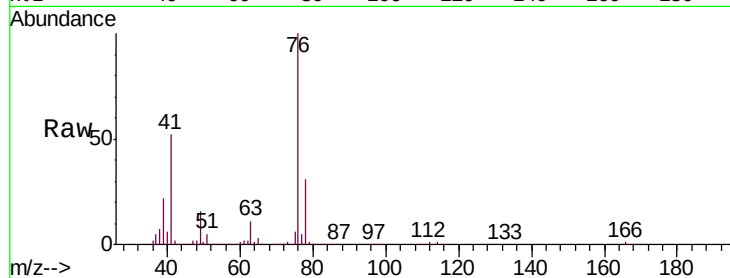
#57
 1,3-Dichloropropane
 Concen: 49.860 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

Tgt Ion: 76 Resp: 135509
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.6 40.0

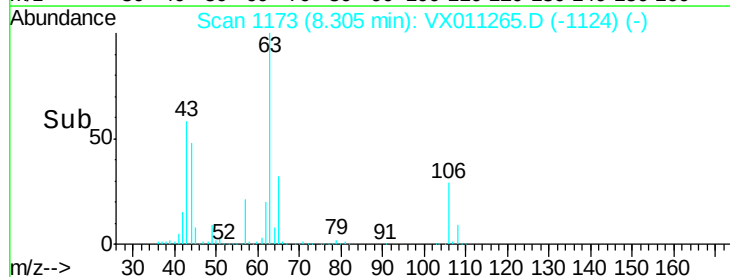
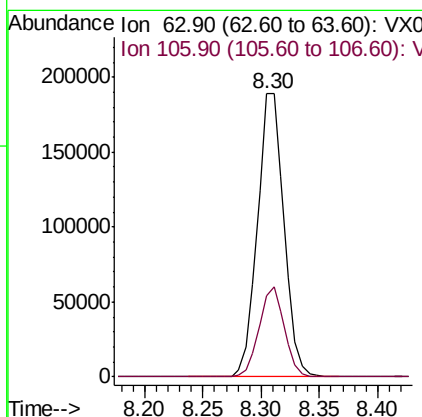
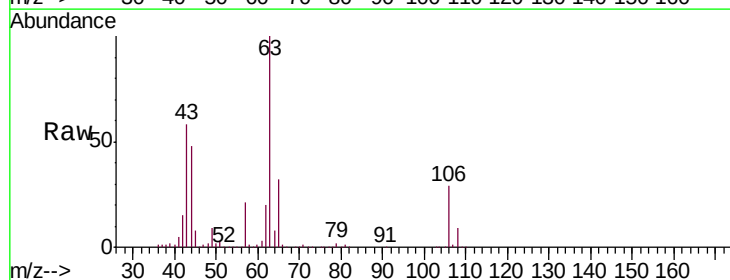
Manual Integrations
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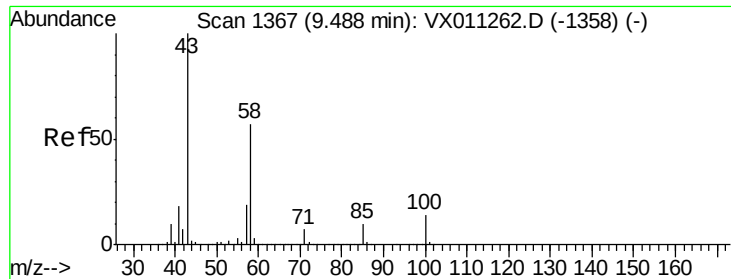
MMDadoda
 8/2/2019 9:07:19 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.926 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion: 63 Resp: 300944
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.4 36.6





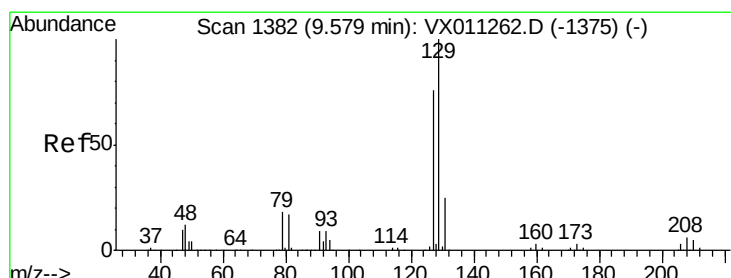
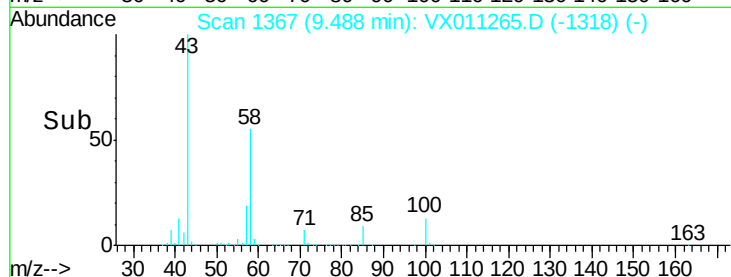
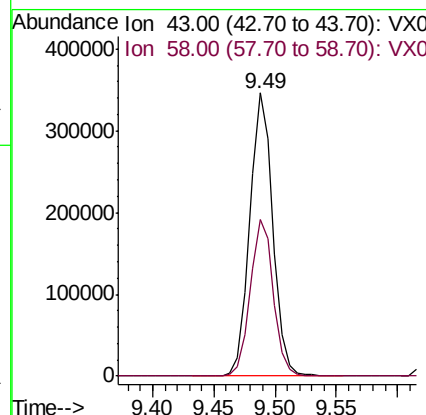
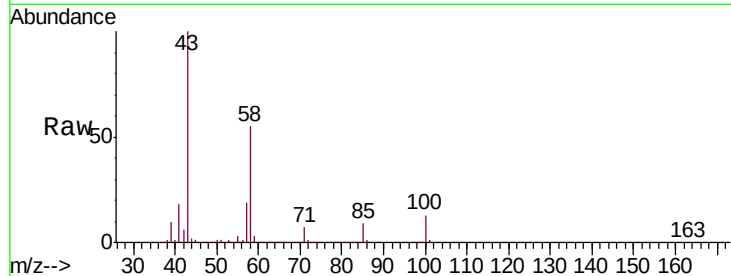
#59
2-Hexanone
Concen: 266.041 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

Tgt Ion: 43 Resp: 451803
Ion Ratio Lower Upper
43 100
58 55.7 28.2 84.6

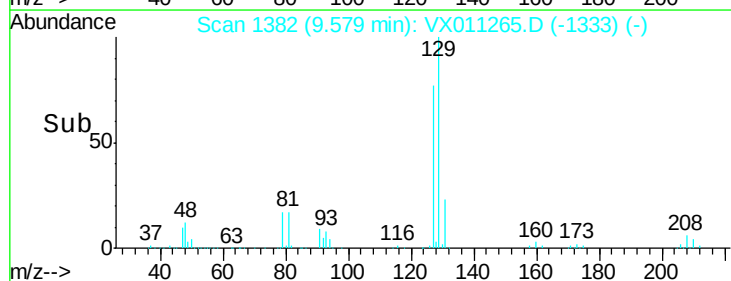
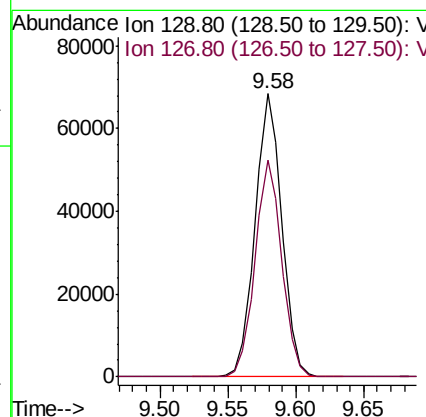
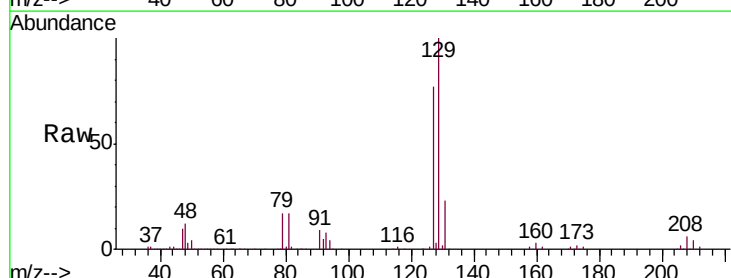
Manual Integrations
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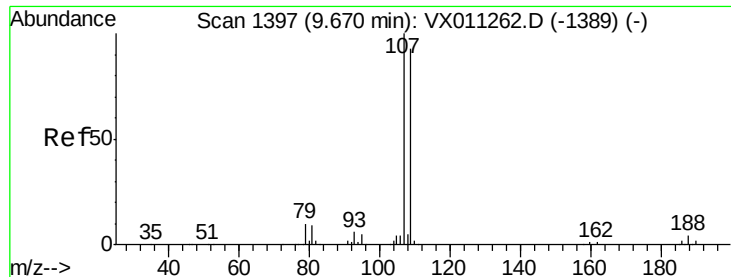
MMDadoda
8/2/2019 9:07:19 AM



#60
Dibromochloromethane
Concen: 53.827 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion: 129 Resp: 94704
Ion Ratio Lower Upper
129 100
127 76.5 39.2 117.6





#61

1,2-Dibromoethane

Concen: 50.546 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

Tgt Ion: 107 Resp: 93848

Ion Ratio Lower Upper

107 100

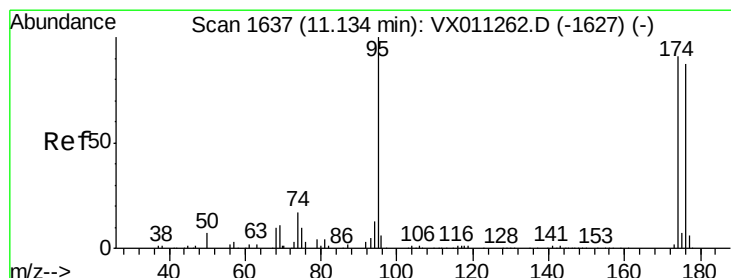
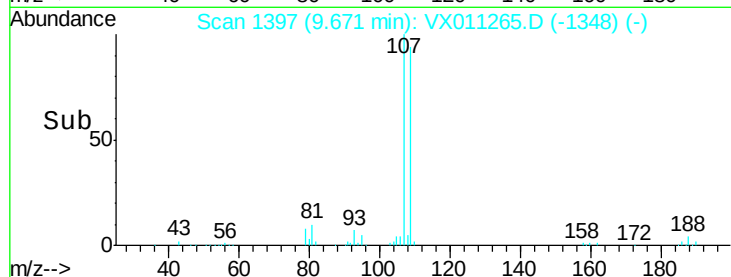
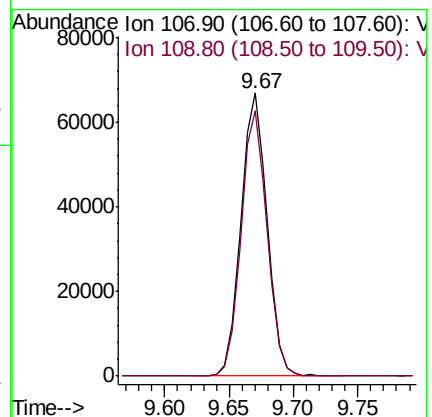
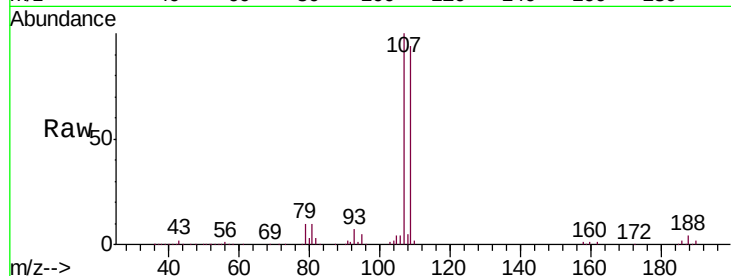
109 93.0 76.6 114.8

Manual Integrations

APPROVED

MMDadoda

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#62

4-Bromofluorobenzene

Concen: 50.767 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

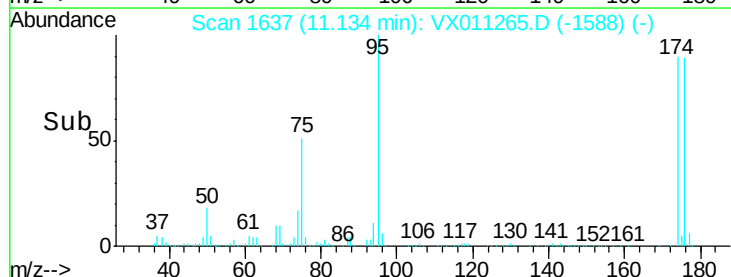
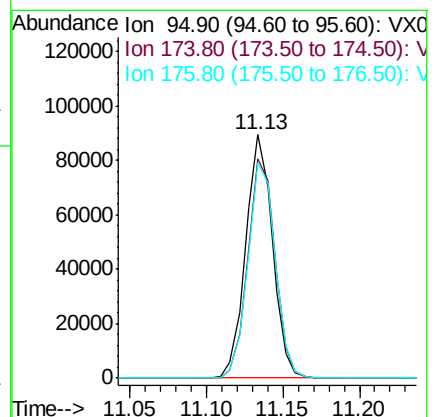
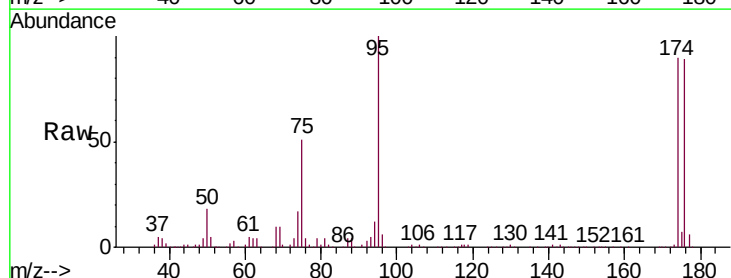
Tgt Ion: 95 Resp: 108383

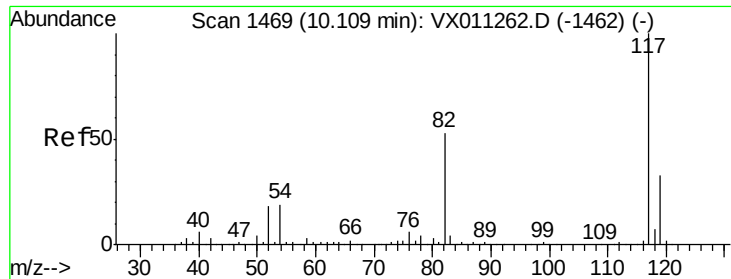
Ion Ratio Lower Upper

95 100

174 92.0 0.0 191.2

176 90.5 0.0 184.8





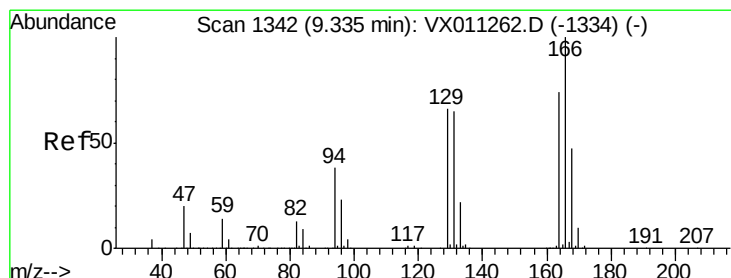
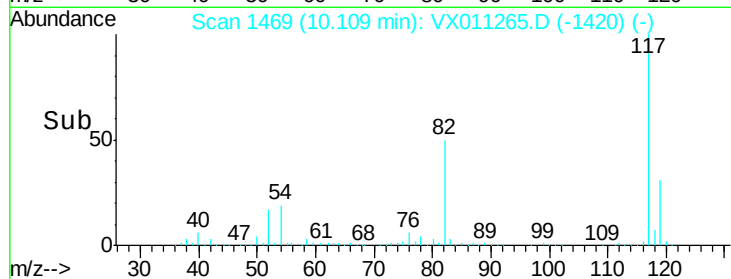
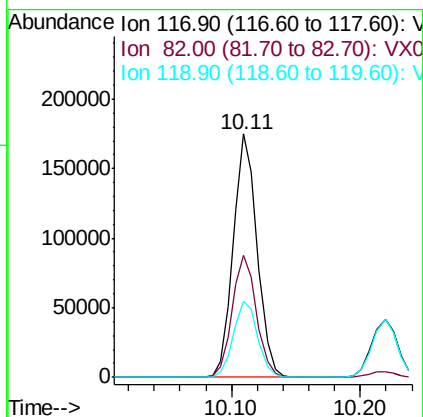
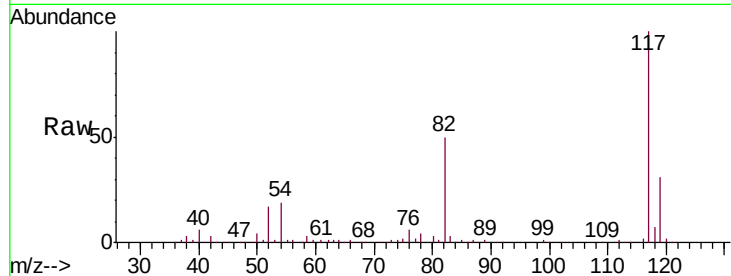
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampled :
ICVVX080119

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	226103		
82	50.3	42.2	63.2	
119	31.1	26.6	39.8	

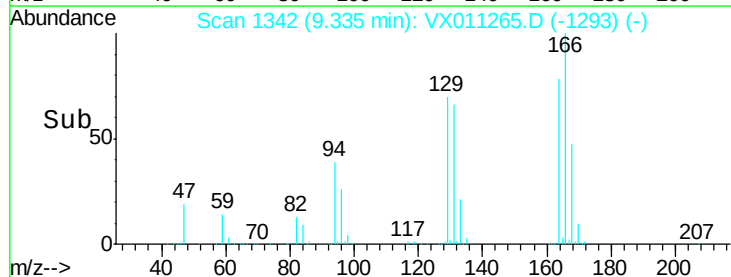
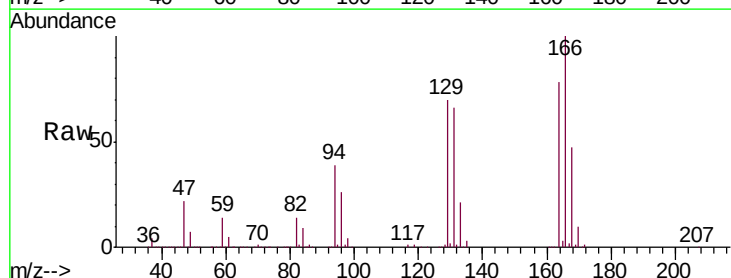
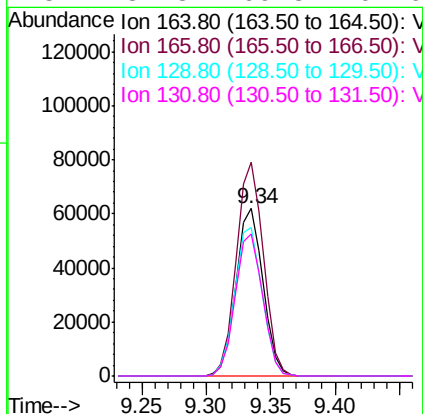
Manual Integrations
APPROVED

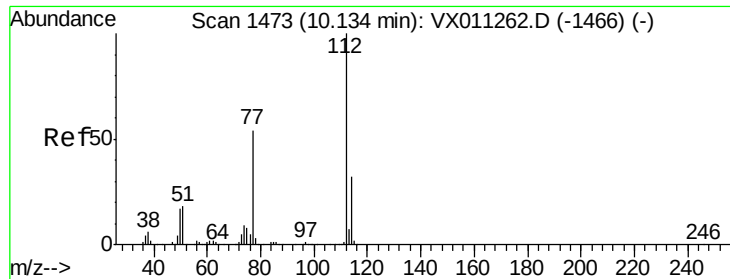
MMDadoda
8/2/2019 9:07:19 AM



#64
Tetrachloroethene
Concen: 47.002 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	90252		
166	127.7	107.5	161.3	
129	88.8	71.0	106.4	
131	84.8	69.8	104.6	





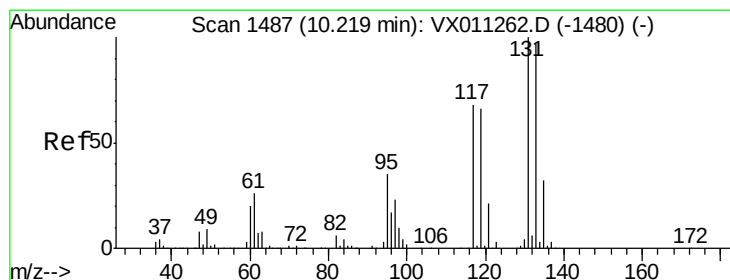
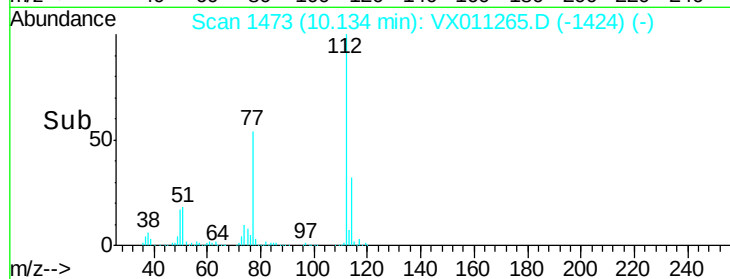
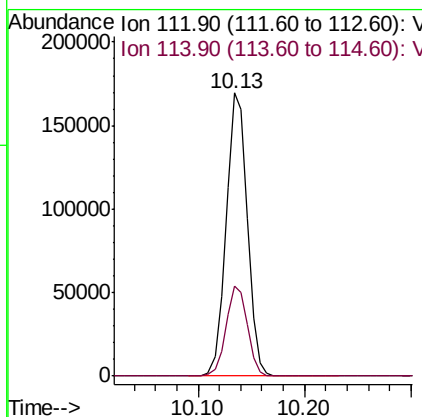
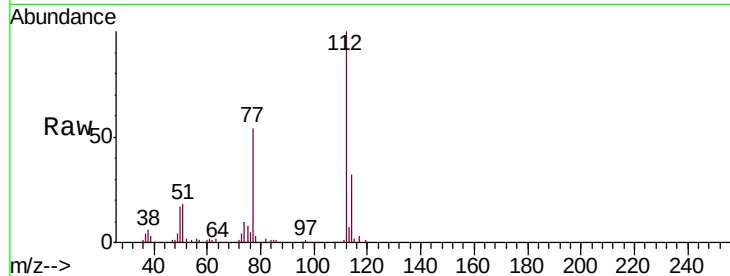
#65
Chlorobenzene
Concen: 48.714 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	236165		
114	32.1	25.9	38.9	

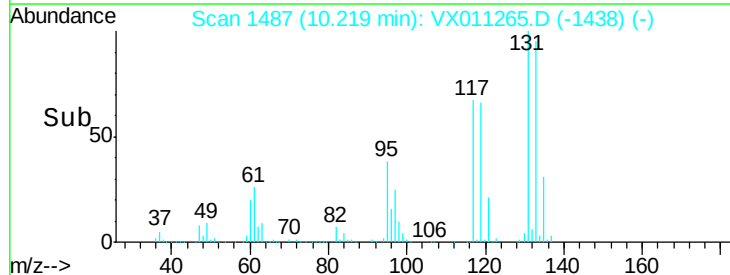
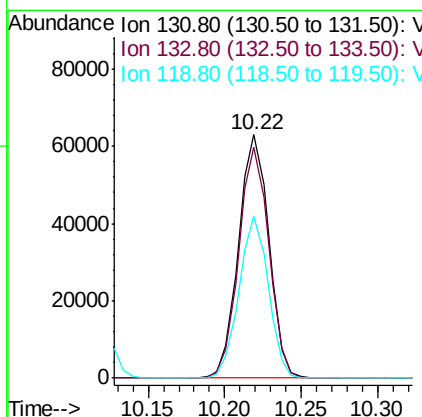
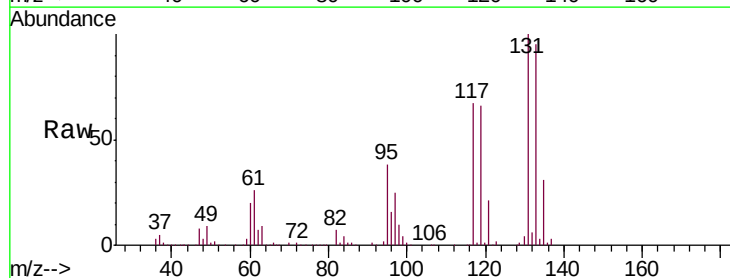
Manual Integrations
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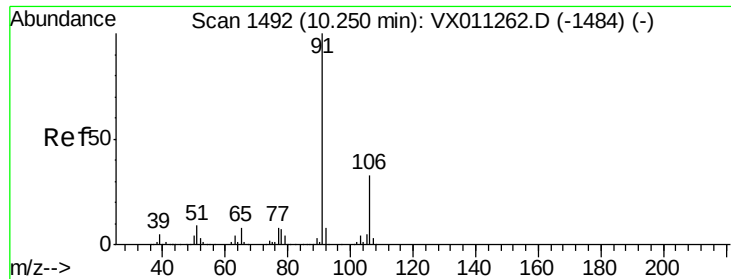
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.155 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	86563		
133	94.5	47.7	143.1	
119	64.7	32.8	98.3	





#67

Ethyl Benzene

Concen: 50.489 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampled :

ICVVX080119

Tgt Ion: 91 Resp: 409927

Ion Ratio Lower Upper

91 100

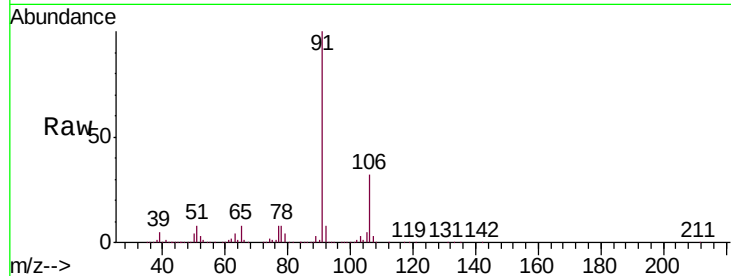
106 32.4 26.2 39.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX011265.D (-1443) (-)

Ion 106.00 (105.70 to 106.70): VX011265.D (-1443) (-)

500000

400000

300000

200000

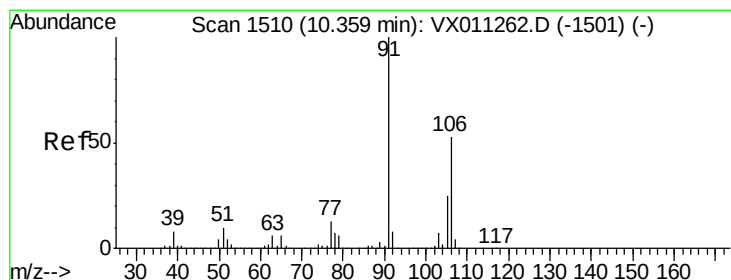
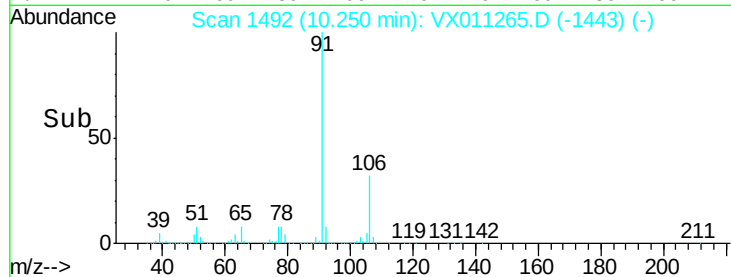
100000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 101.619 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011265.D

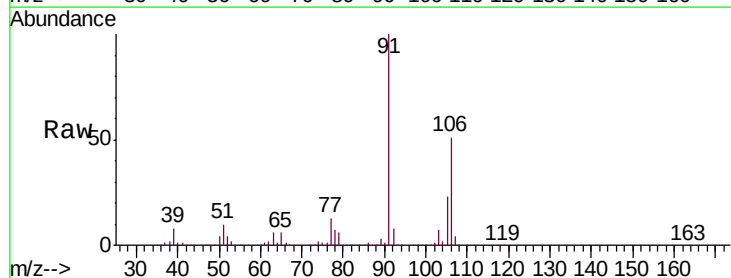
Acq: 01 Aug 2019 17:23

Tgt Ion: 106 Resp: 319128

Ion Ratio Lower Upper

106 100

91 196.0 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): VX011265.D (-1461) (-)

Ion 91.00 (90.70 to 91.70): VX011265.D (-1461) (-)

500000

400000

300000

200000

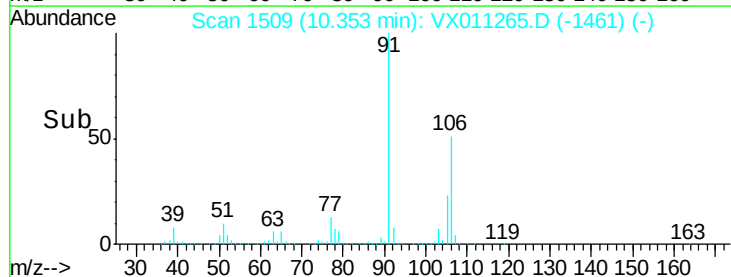
100000

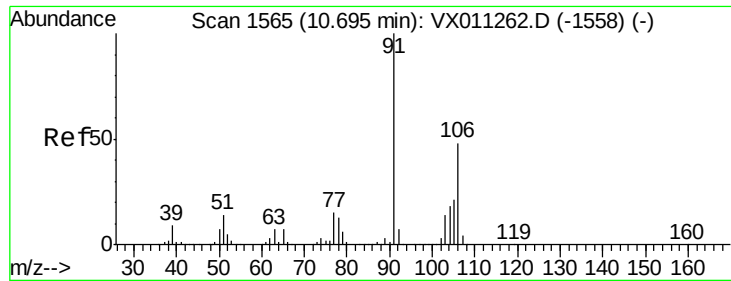
0

10.30

10.40

Time-->





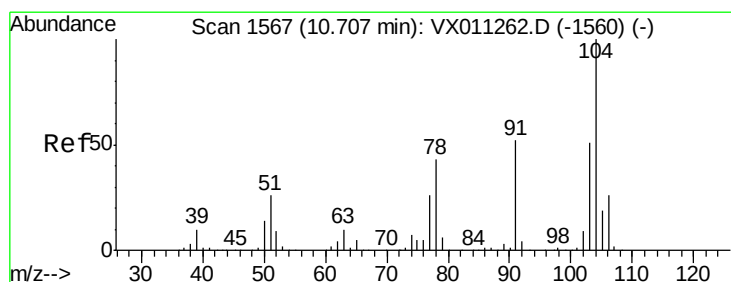
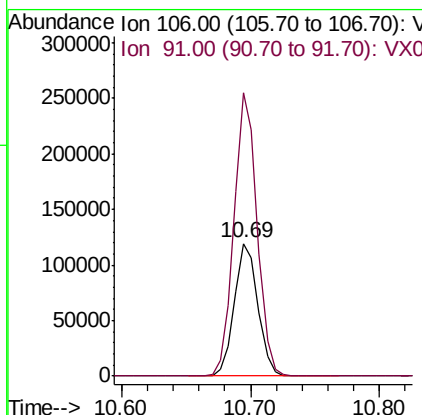
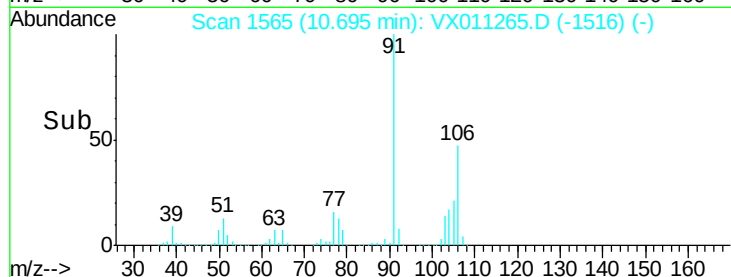
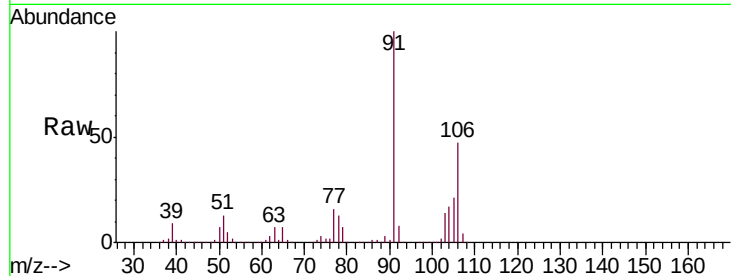
#69
o-Xylene
Concen: 49.216 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampled :
ICVVX080119

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.2	103.8	311.3

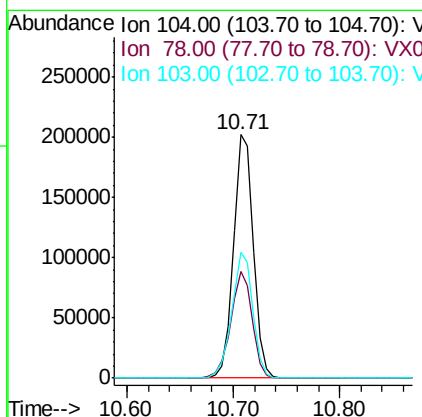
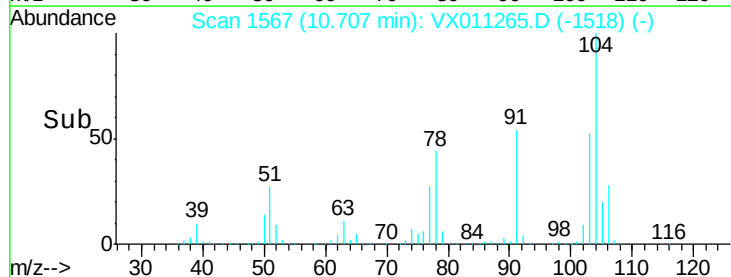
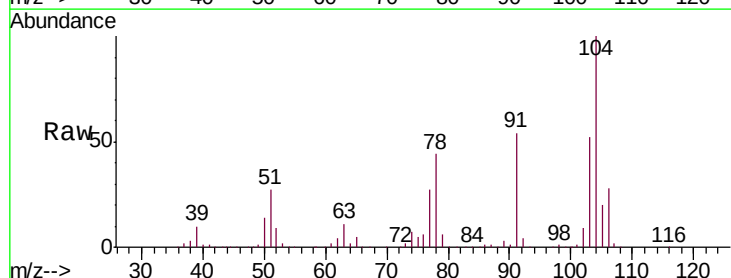
Manual Integrations
APPROVED

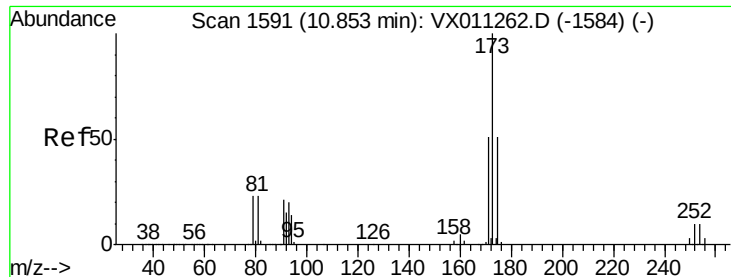
MMDadoda
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#70
Styrene
Concen: 51.864 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.4	36.9	55.3
103	54.8	44.4	66.6





#71

Bromoform

Concen: 48.176 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

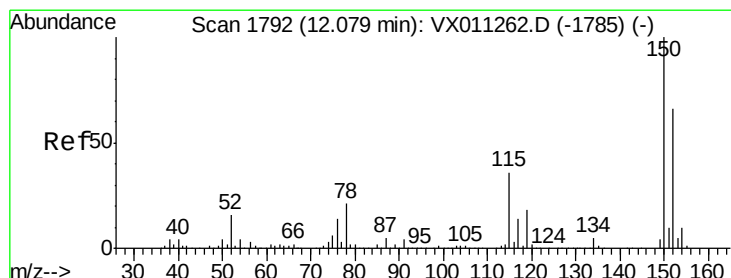
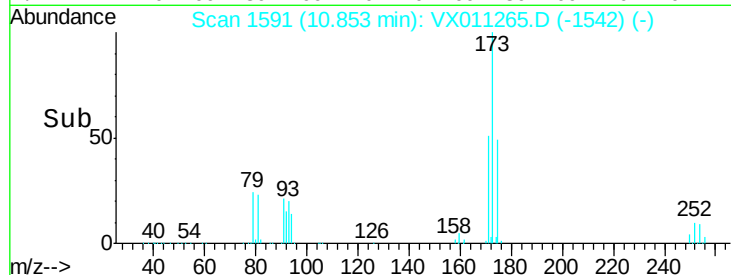
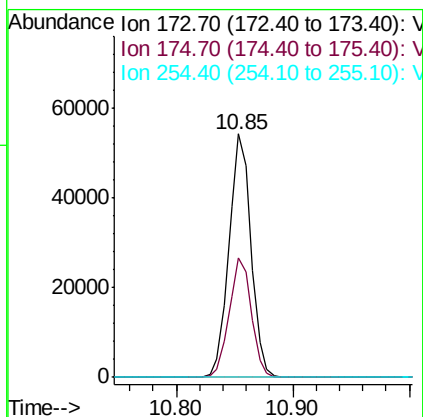
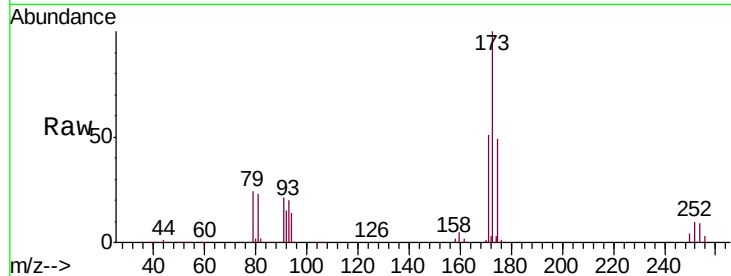
ClientSampled :

ICVVX080119

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.4	73.4
254	0.1	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

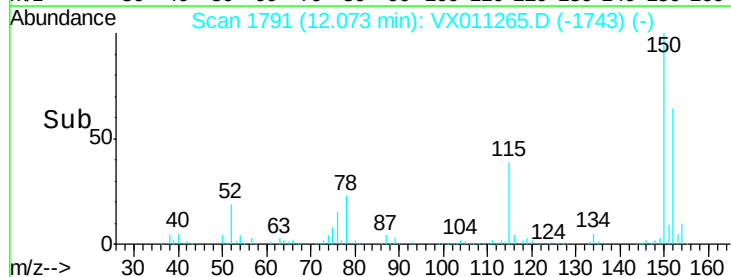
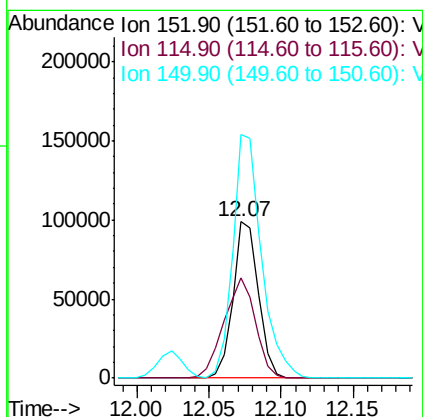
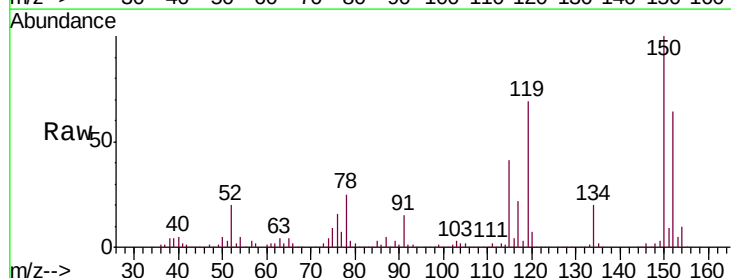
RT: 12.07 min Scan# 1791

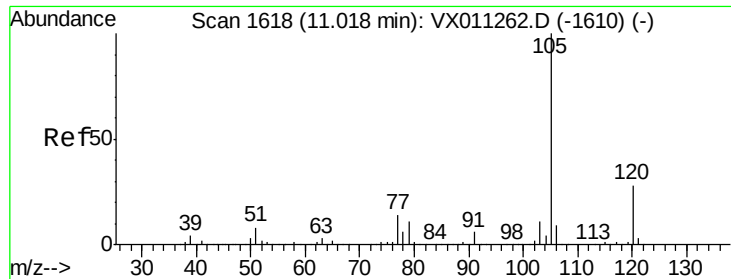
Delta R.T. -0.01 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.5	40.0	119.9
150	176.0	0.0	350.4





#73

Isopropylbenzene

Concen: 49.811 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

Tgt Ion: 105 Resp: 416061

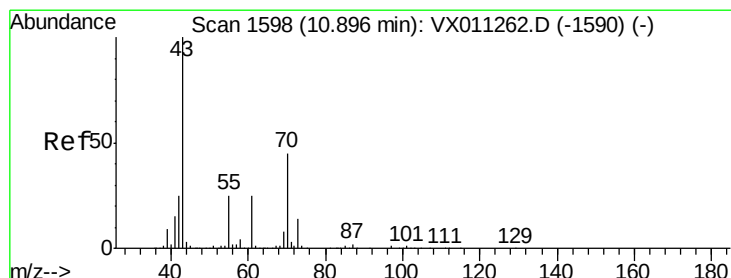
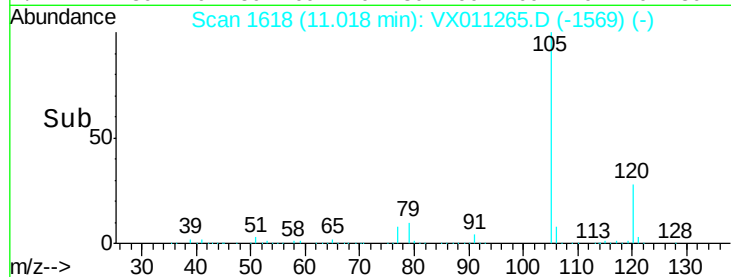
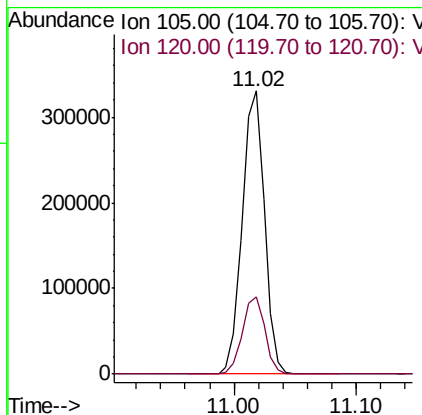
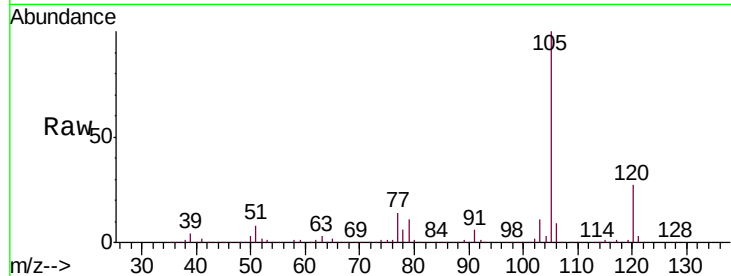
Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1

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#74

N-ethyl acetate

Concen: 54.562 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Tgt Ion: 43 Resp: 164676

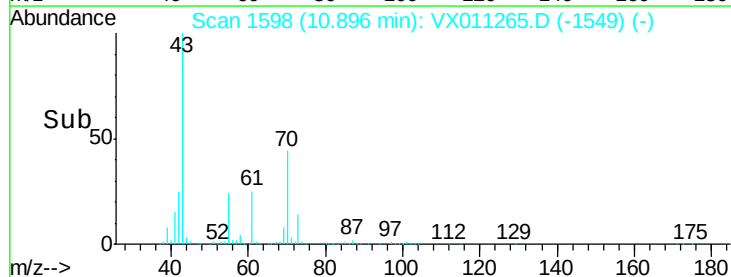
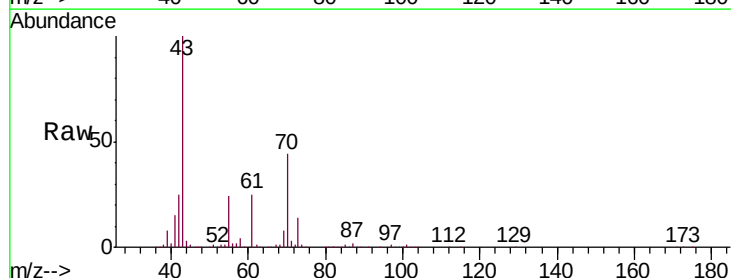
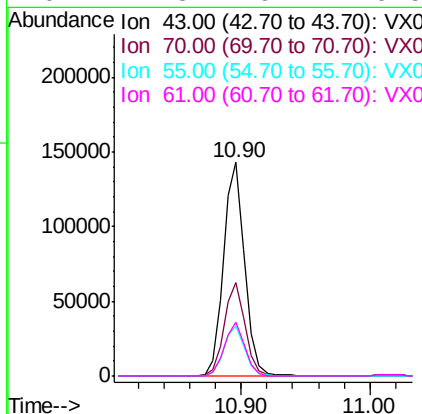
Ion Ratio Lower Upper

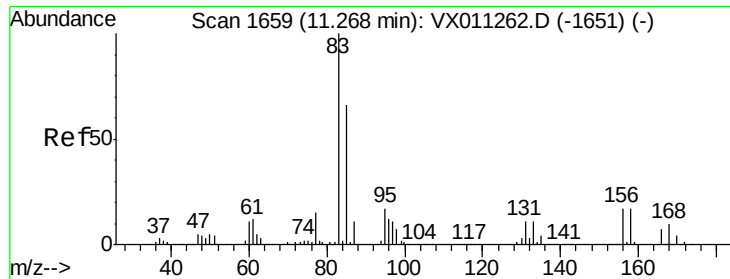
43 100

70 43.8 35.9 53.9

55 23.9 19.8 29.6

61 24.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.527 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

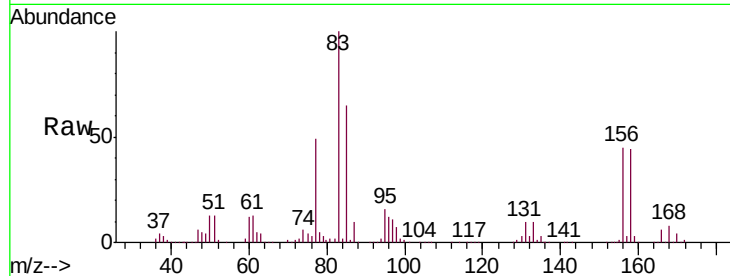
ClientSampled :

ICVVX080119

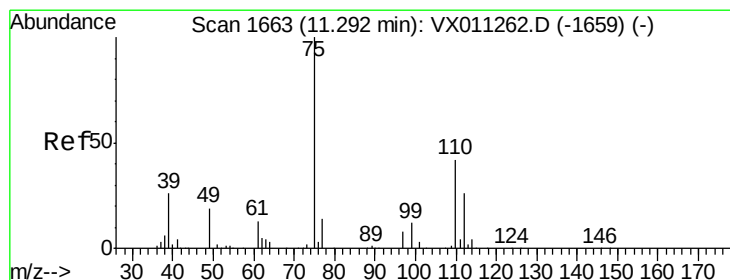
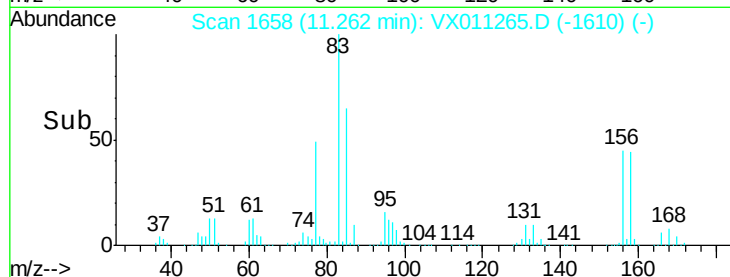
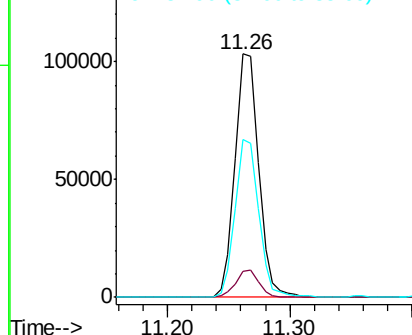
Tgt Ion:	83	Resp:	137861
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.6	16.8
85	64.8	32.1	96.5

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



#76

1,2,3-Trichloropropane

Concen: 50.973 ug/l m

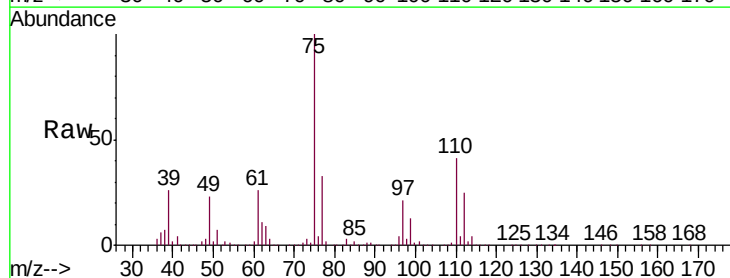
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

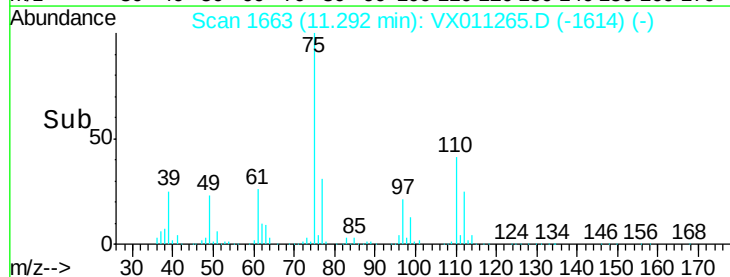
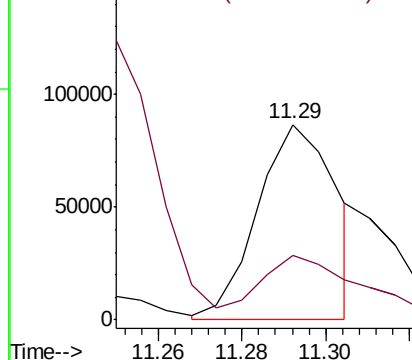
Lab File: VX011265.D

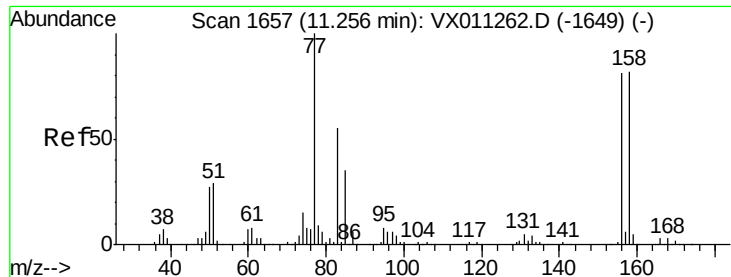
Acq: 01 Aug 2019 17:23

Tgt Ion:	75	Resp:	113371
Ion	Ratio	Lower	Upper
75	100		
77	42.4	21.1	63.4



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





#77

Bromobenzene

Concen: 48.947 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

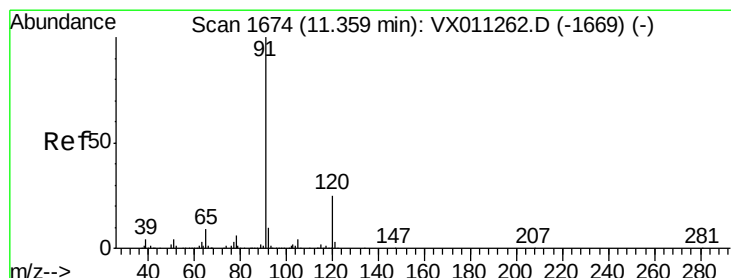
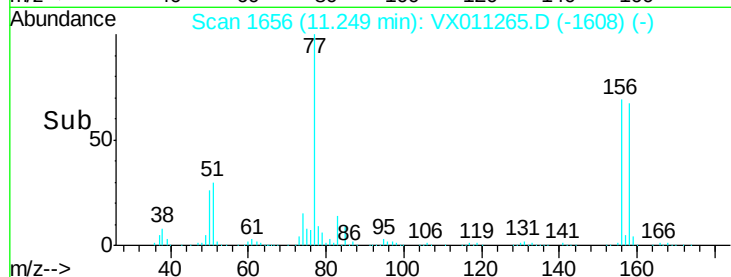
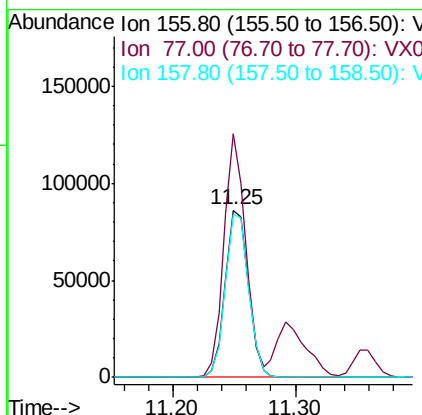
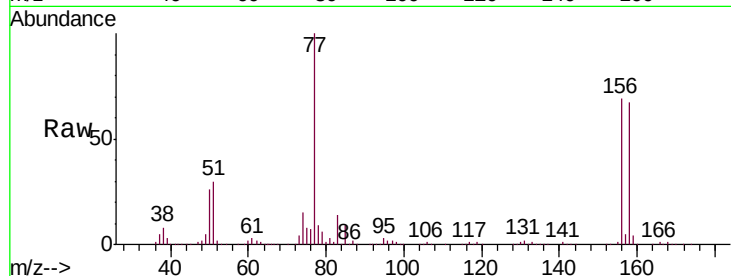
ClientSampleId :

ICVVX080119

Tgt Ion:	156	Resp:	113371
Ion	Ratio	Lower	Upper
156	100		
77	136.6	66.2	198.6
158	97.8	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 50.635 ug/l

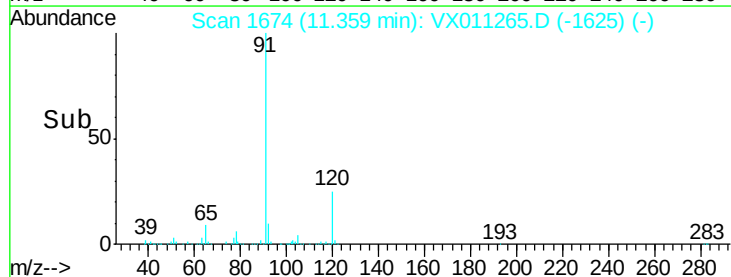
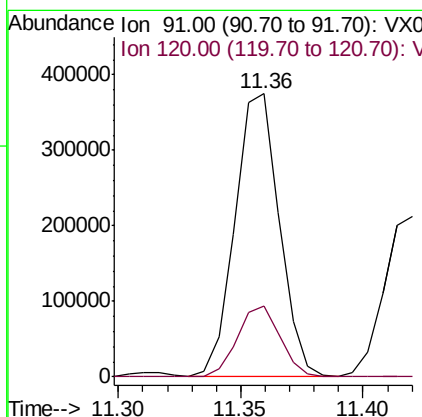
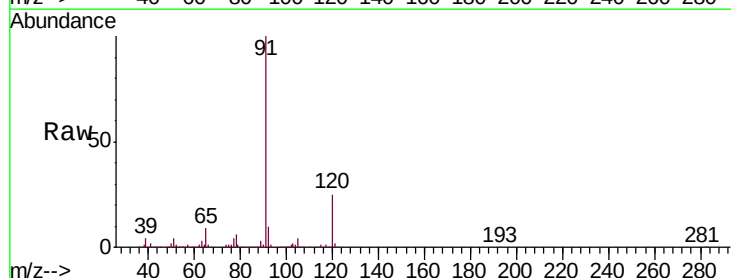
RT: 11.36 min Scan# 1674

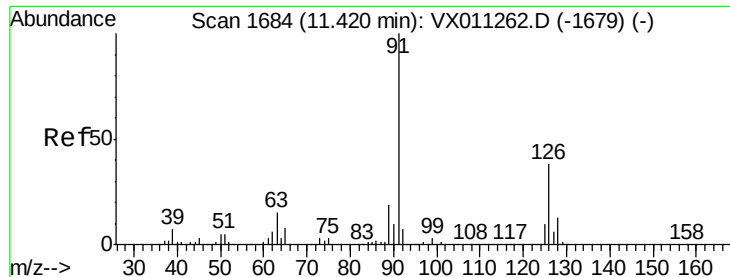
Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Tgt Ion:	91	Resp:	470346
Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.4	37.0





#79

2-Chlorotoluene

Concen: 49.340 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampled :

ICVVX080119

Tgt Ion: 91 Resp: 273170

Ion Ratio Lower Upper

91 100

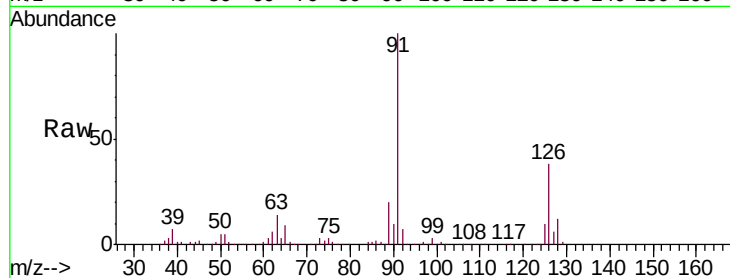
126 37.2 18.5 55.5

Manual Integrations

APPROVED

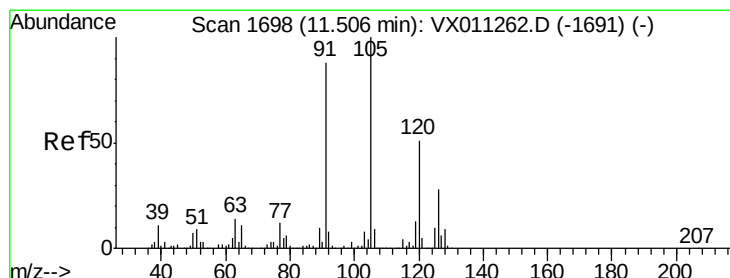
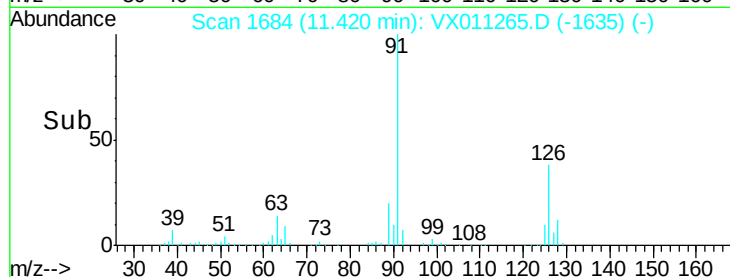
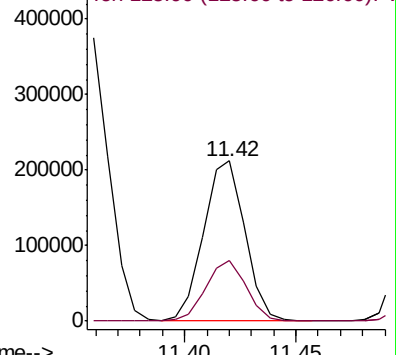
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.271 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011265.D

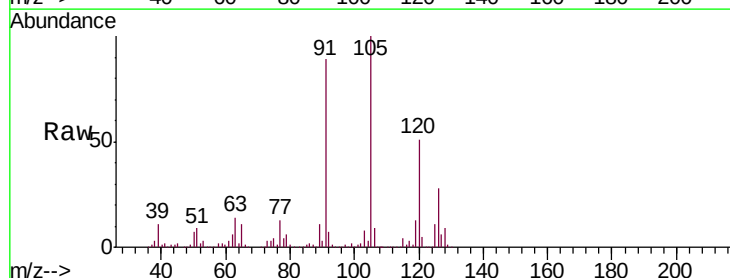
Acq: 01 Aug 2019 17:23

Tgt Ion: 105 Resp: 351502

Ion Ratio Lower Upper

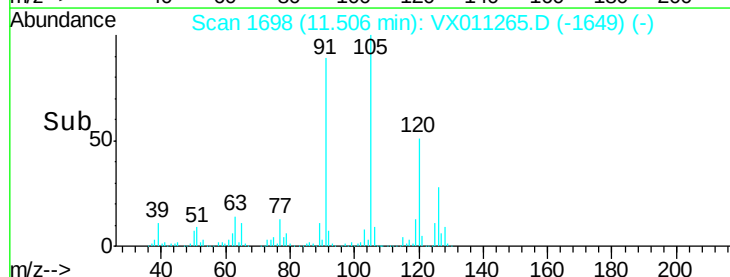
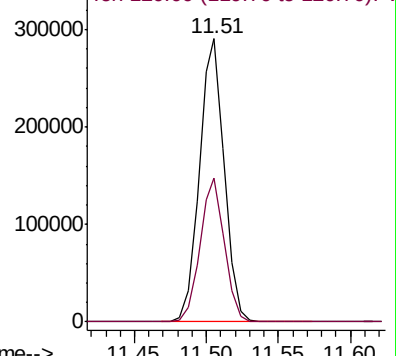
105 100

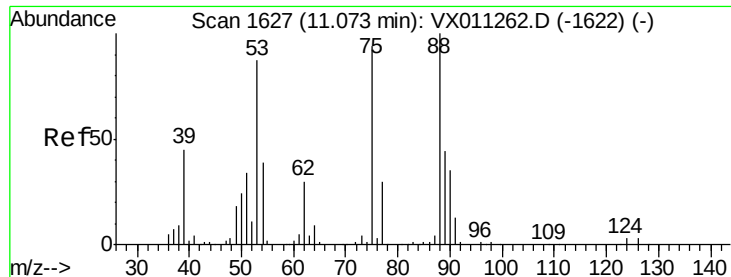
120 49.9 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.772 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

Tgt Ion: 75 Resp: 40521
Ion Ratio Lower Upper

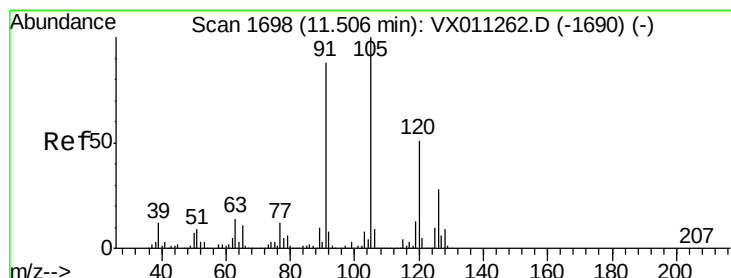
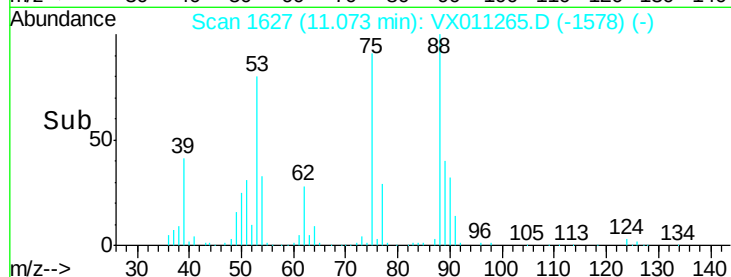
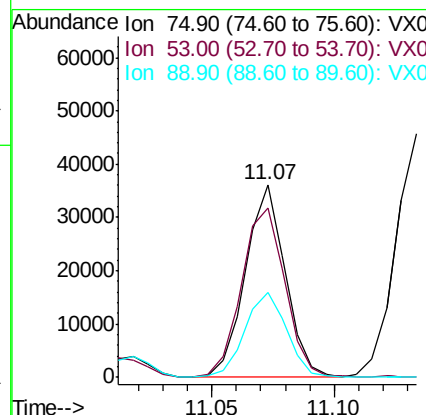
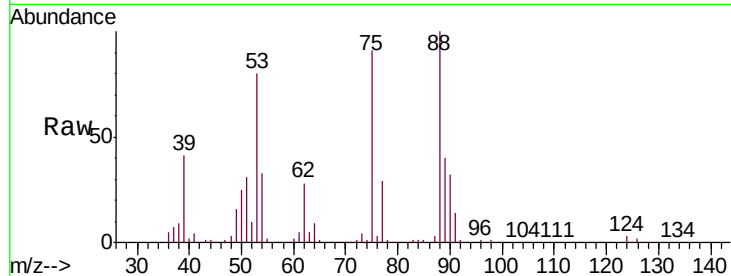
75 100

53 96.6 78.2 117.4

89 47.0 37.9 56.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.066 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

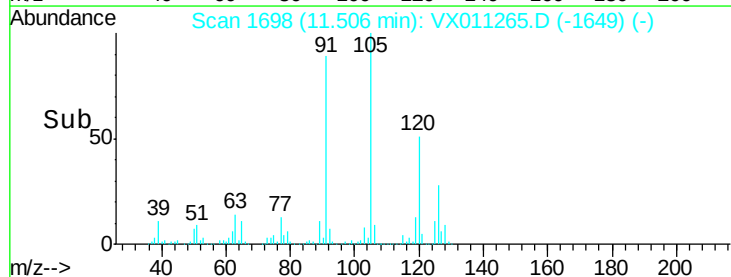
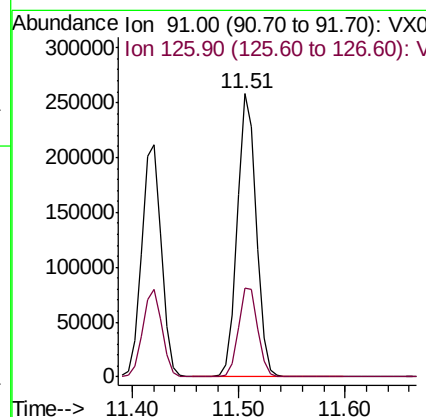
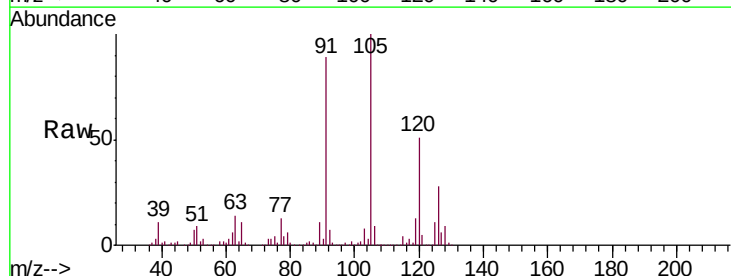
Lab File: VX011265.D

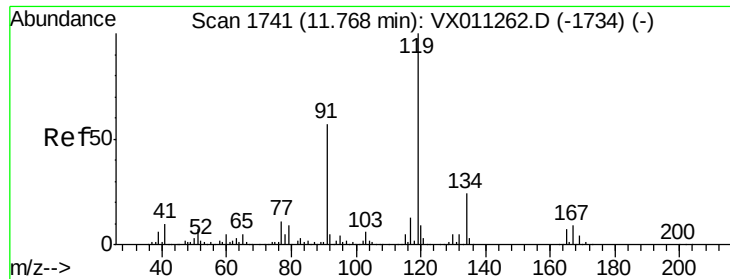
Acq: 01 Aug 2019 17:23

Tgt Ion: 91 Resp: 323044
Ion Ratio Lower Upper

91 100

126 32.0 16.4 49.2





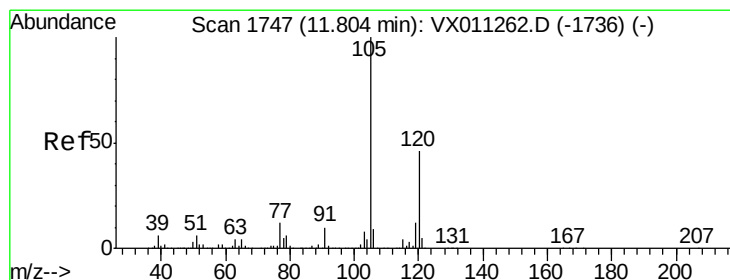
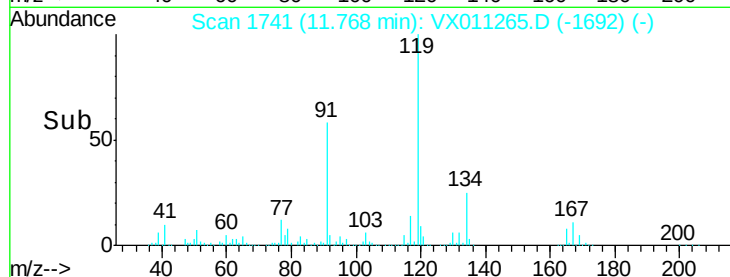
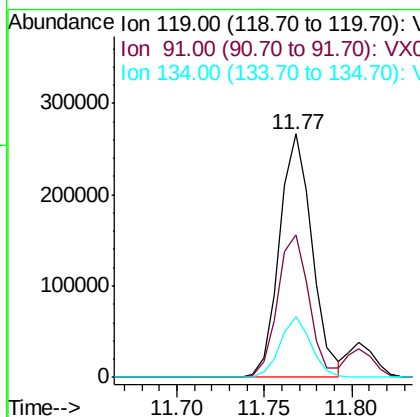
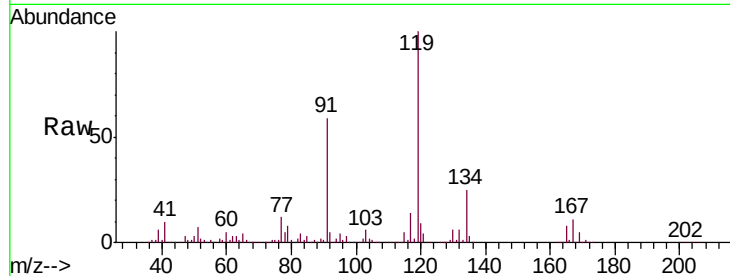
#83
 tert-Butylbenzene
 Concen: 50.608 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	347057		
91	57.2	28.0	84.0	
134	23.4	11.9	35.5	

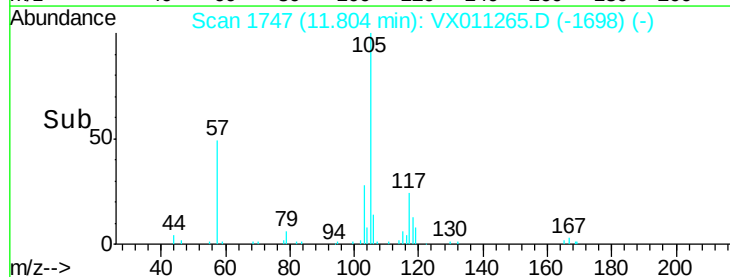
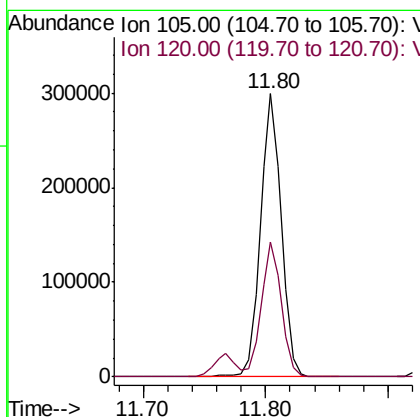
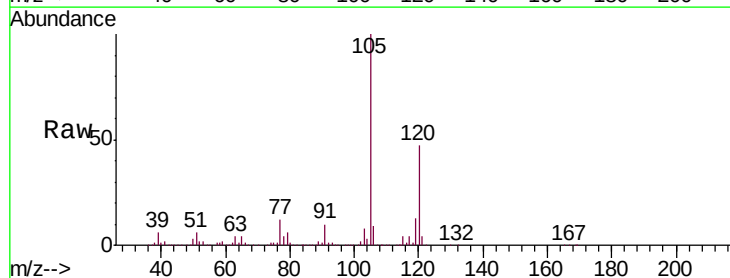
Manual Integrations
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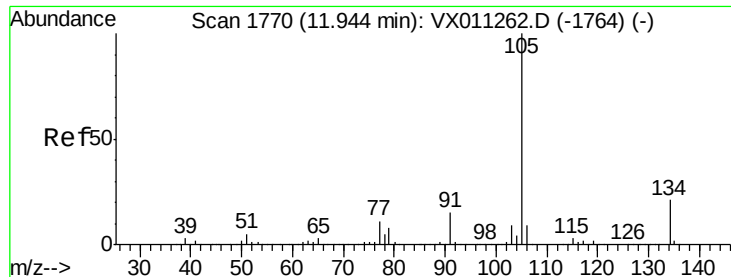
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.133 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	355966		
120	46.1	23.0	69.0	





#85

sec-Butylbenzene

Concen: 50.512 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080119

Tgt Ion:105 Resp: 416186

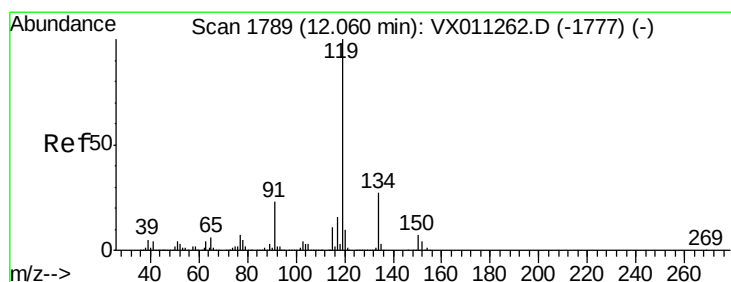
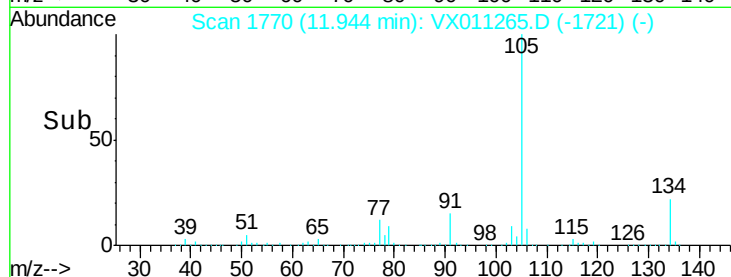
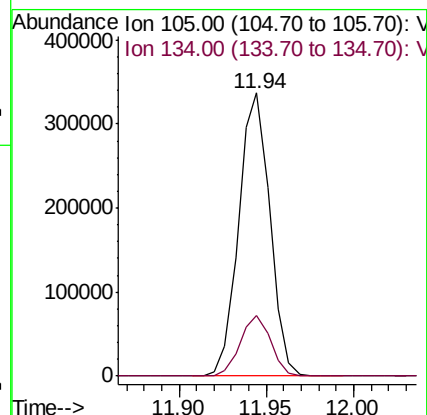
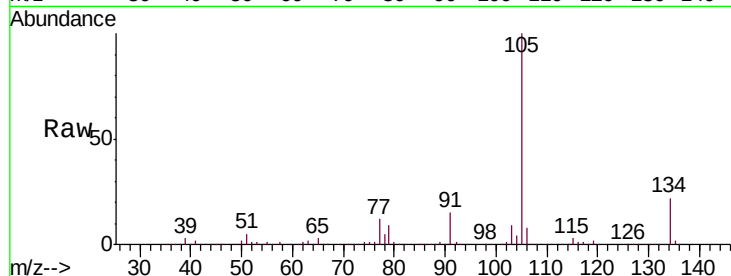
Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 50.811 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011265.D

Acq: 01 Aug 2019 17:23

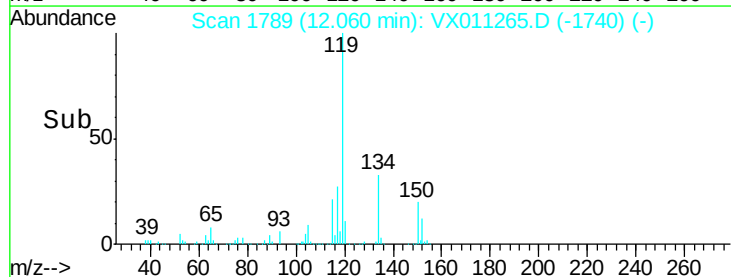
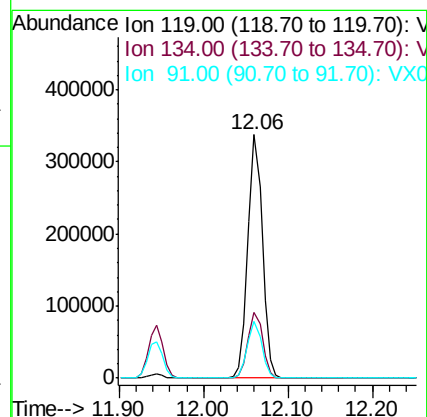
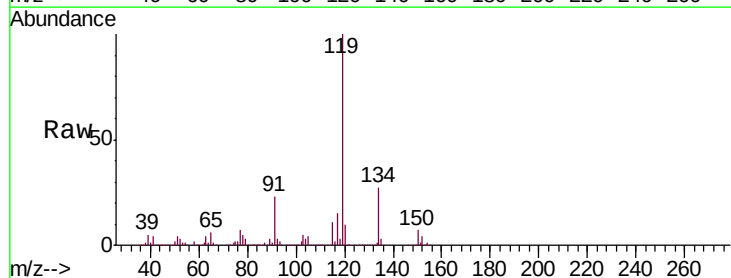
Tgt Ion:119 Resp: 385145

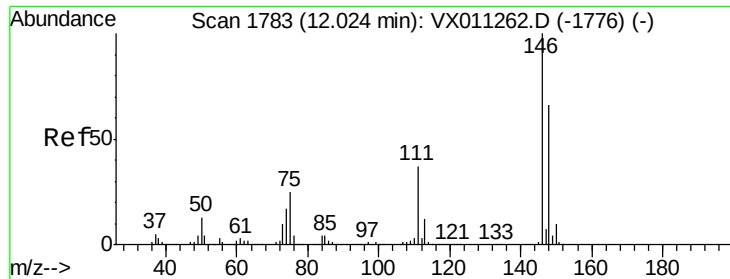
Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

91 23.3 11.4 34.2





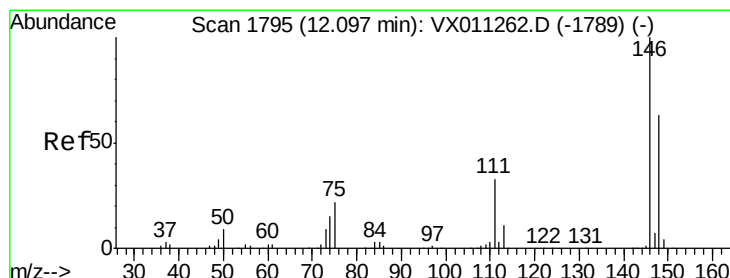
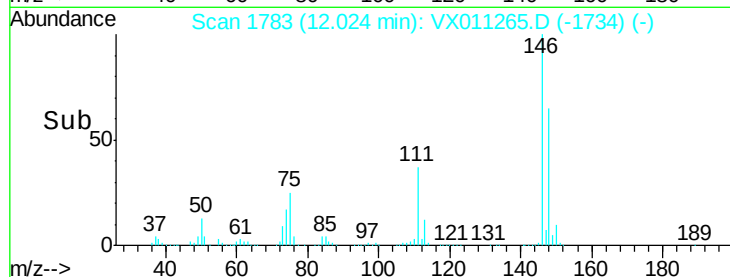
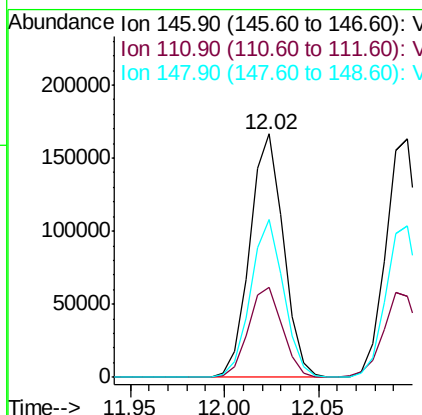
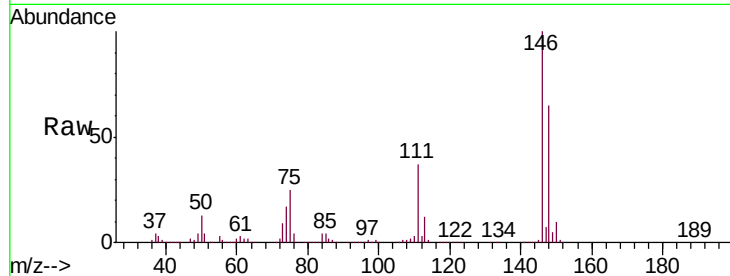
#87
 1,3-Dichlorobenzene
 Concen: 50.276 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	205755		
111	37.6	18.6	55.8	
148	63.6	32.5	97.5	

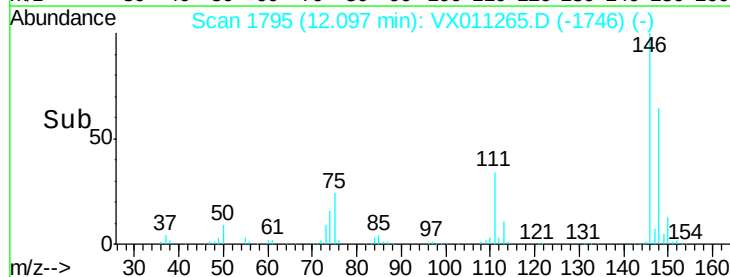
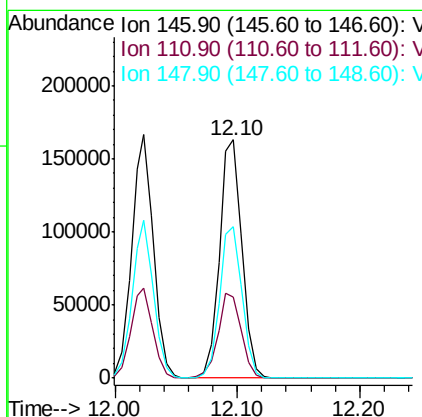
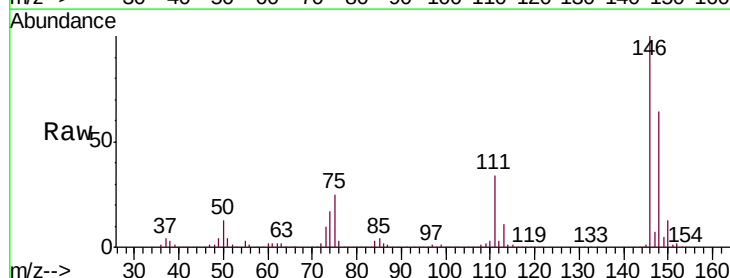
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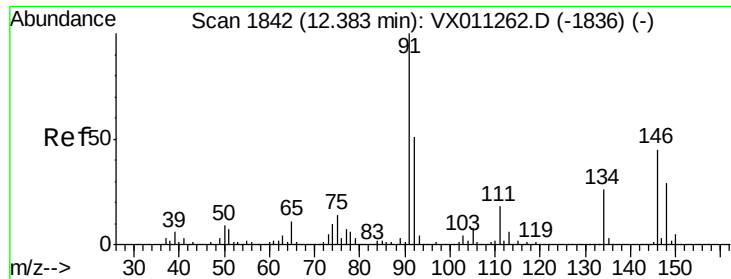
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#88
 1,4-Dichlorobenzene
 Concen: 49.148 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	207407		
111	36.9	17.8	53.4	
148	63.9	31.8	95.3	





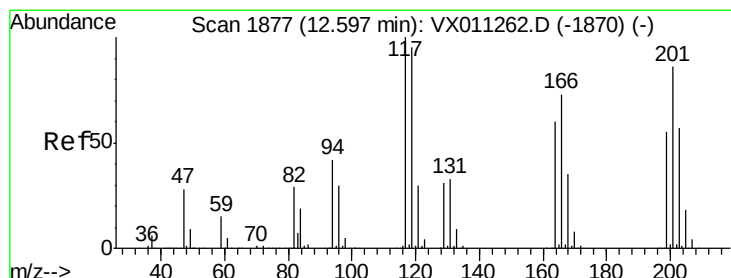
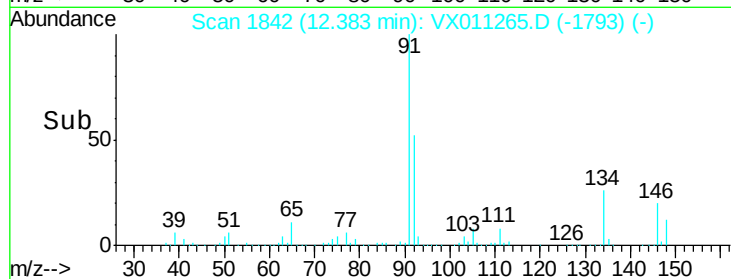
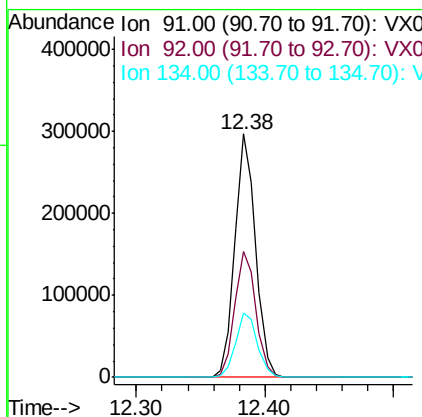
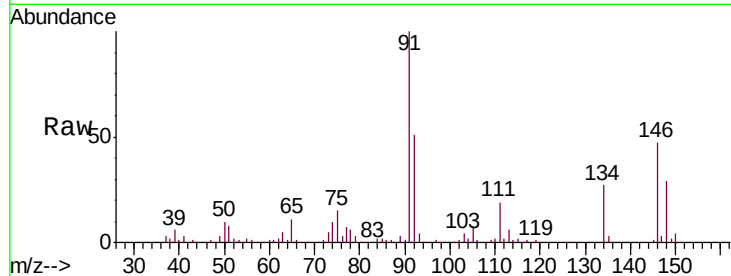
#89
n-Butylbenzene
Concen: 51.277 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	25.8	77.3
134	27.6	13.7	41.0

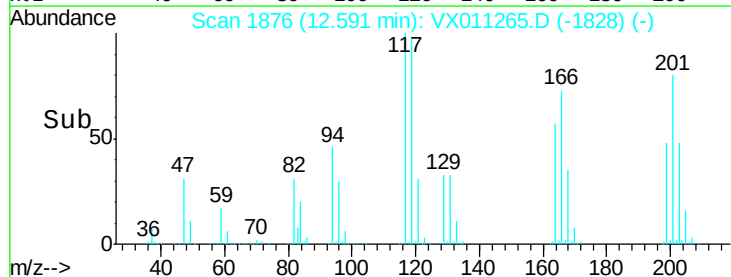
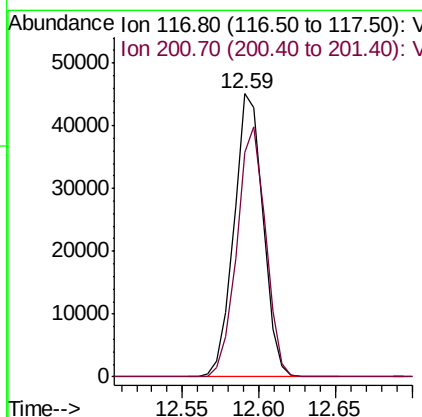
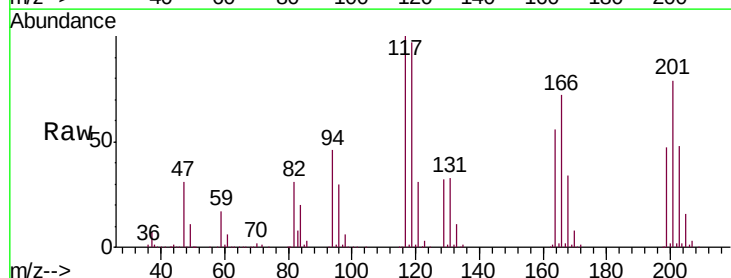
Manual Integrations
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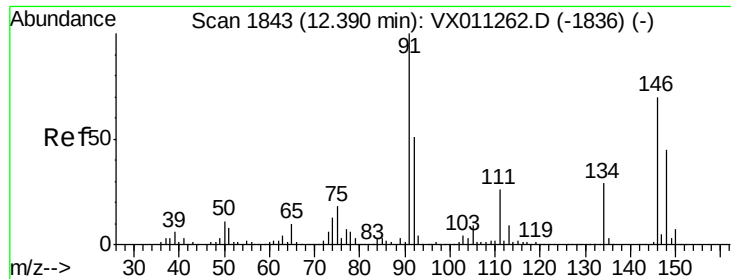
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#90
Hexachloroethane
Concen: 53.036 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.8	41.8	125.4





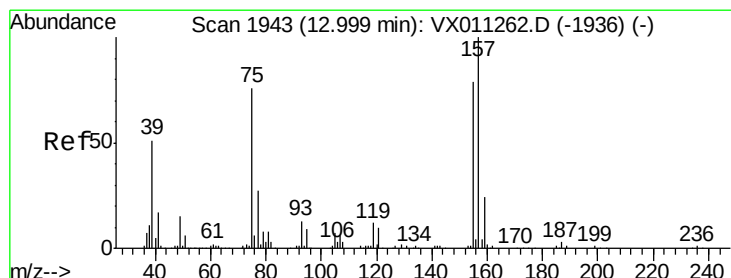
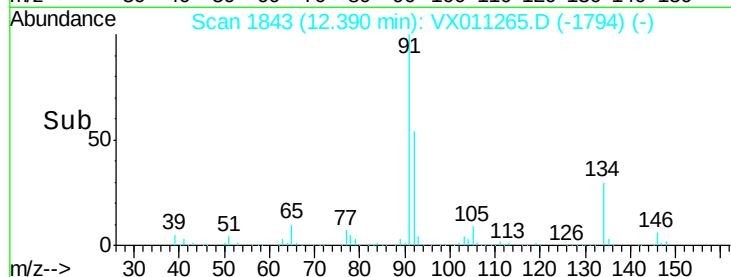
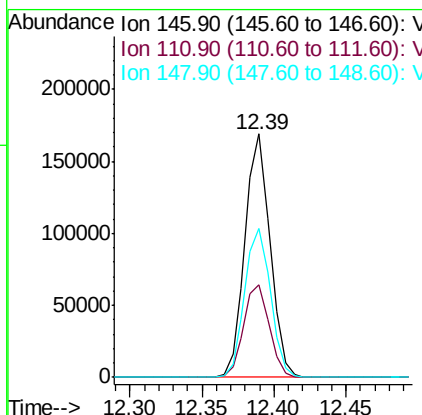
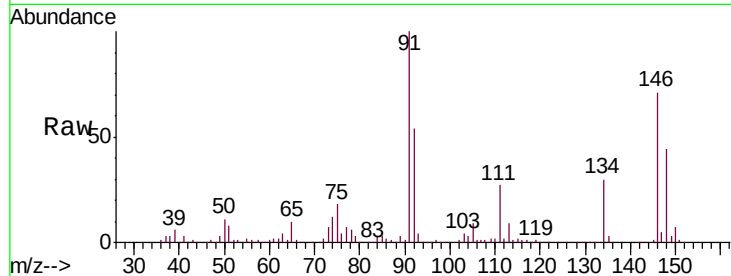
#91
 1,2-Dichlorobenzene
 Concen: 49.674 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.1
148	63.0	32.3	96.8

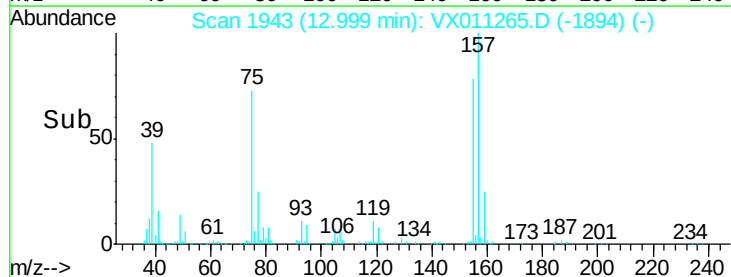
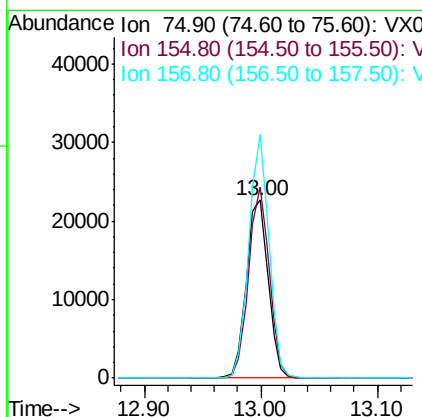
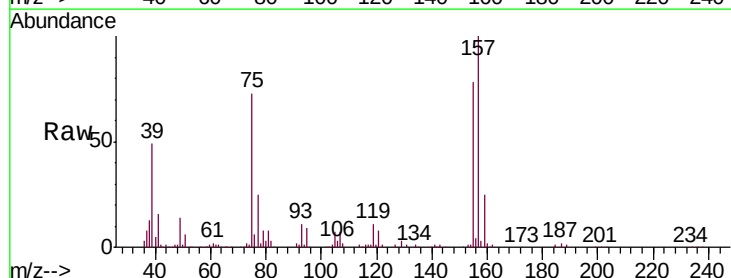
Manual Integrations
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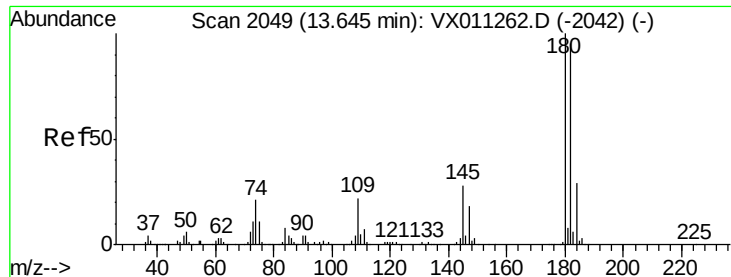
MMDadoda
 8/2/2019 9:07:19 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.493 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.1	51.9	155.8
157	125.9	64.3	192.7





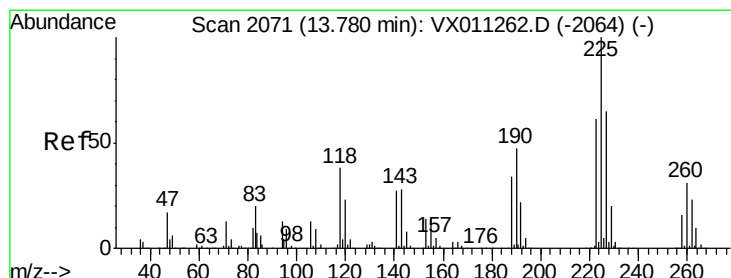
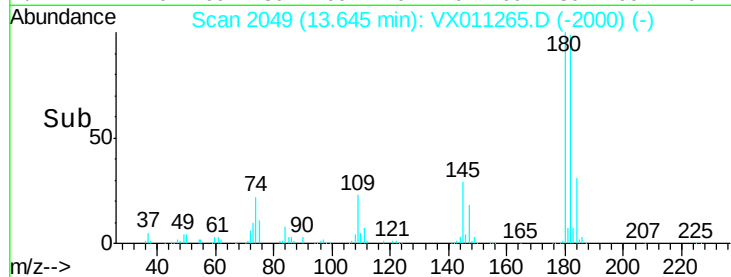
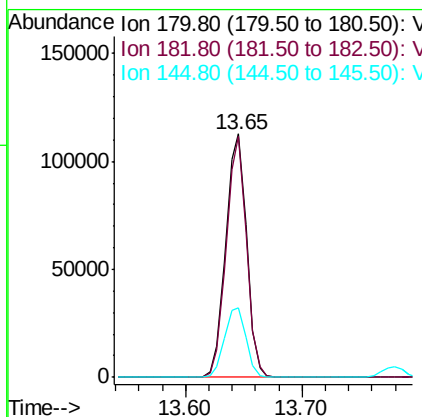
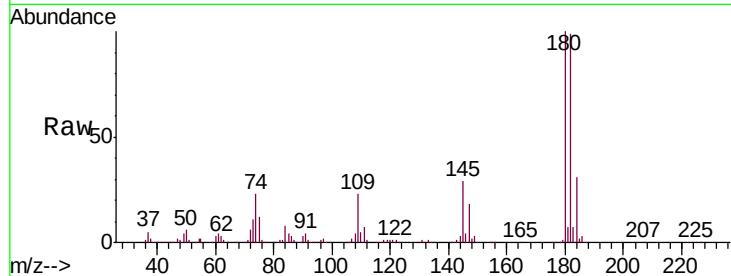
#93
 1,2,4-Trichlorobenzene
 Concen: 51.275 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX080119

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	139828		
182	95.9	47.8	143.4	
145	29.5	14.8	44.3	

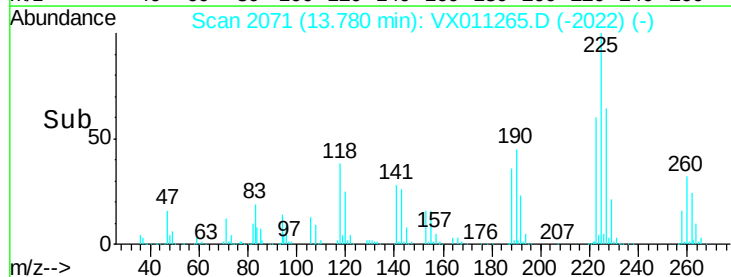
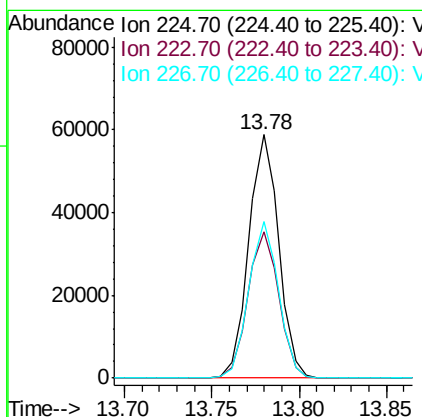
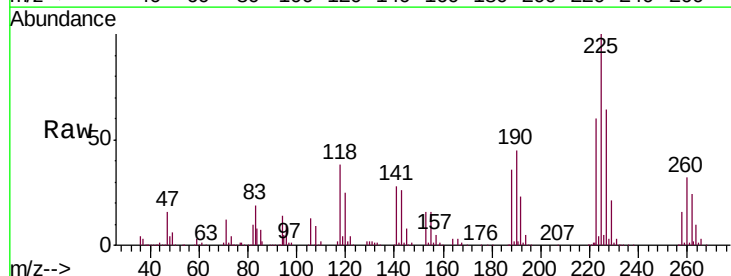
Manual Integrations
 APPROVED

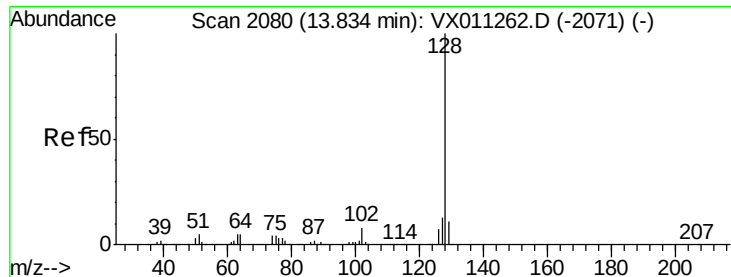
MMDadoda
 8/2/2019 9:07:19 AM



#94
 Hexachlorobutadiene
 Concen: 50.460 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011265.D
 Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69815		
223	62.1	31.0	93.0	
227	64.1	32.2	96.6	





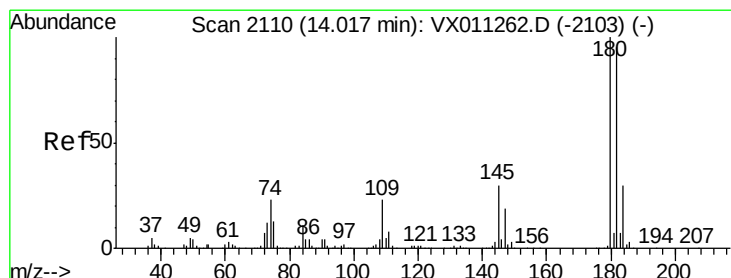
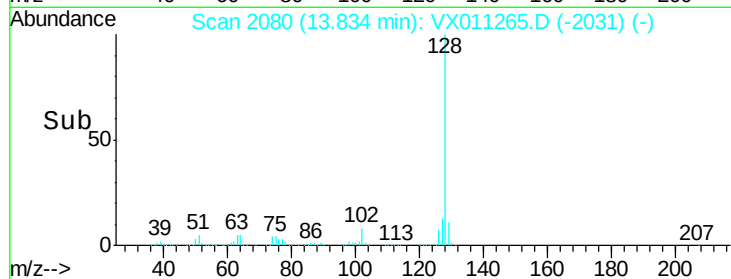
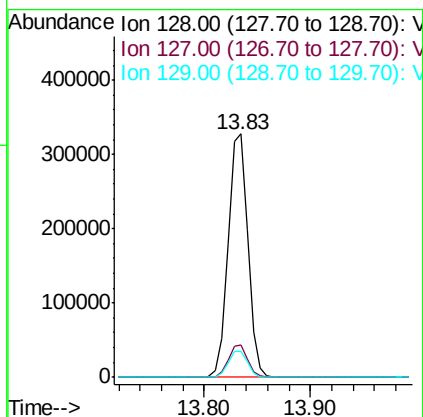
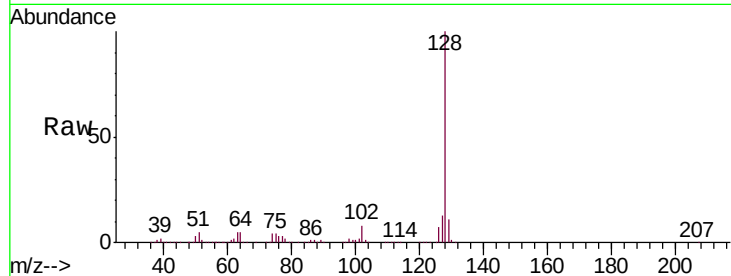
#95
Naphthalene
Concen: 53.496 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080119

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	426621		
127	13.1	10.4	15.6	
129	10.9	8.9	13.3	

Manual Integrations
APPROVED

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8/2/2019 9:07:19 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.602 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011265.D
Acq: 01 Aug 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	137515		
182	97.2	47.4	142.3	
145	31.4	15.2	45.6	

