

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102419\
 Data File : VX013191.D
 Acq On : 23 Oct 2019 16:26
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

Manual Integrations
 APPROVED

MMDadoda
 10/25/2019 4:33:03 PM

Quant Time: Oct 24 04:11:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	90683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	129769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	132493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87114	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	89722	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
35) Dibromofluoromethane	5.48	113	72609	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	8.71	98	268945	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.13	95	106397	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	87815	47.992	ug/l	99
3) Chloromethane	1.32	50	79221	52.523	ug/l	96
4) Vinyl Chloride	1.40	62	78209	47.494	ug/l	99
5) Bromomethane	1.63	94	44483	50.965	ug/l	99
6) Chloroethane	1.71	64	49972	54.453	ug/l	96
7) Trichlorofluoromethane	1.92	101	129286	49.755	ug/l	98
8) Diethyl Ether	2.18	74	44558	49.997	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72515	45.061	ug/l	99
10) Methyl Iodide	2.50	142	87847	43.801	ug/l	100
11) Tert butyl alcohol	3.03	59	106502	258.871	ug/l	99
12) 1,1-Dichloroethene	2.36	96	68106	44.088	ug/l	92
13) Acrolein	2.28	56	52191	234.534	ug/l	97
14) Allyl chloride	2.72	41	119699	49.219	ug/l	99
15) Acrylonitrile	3.12	53	206674	247.214	ug/l	100
16) Acetone	2.43	43	221269	247.625	ug/l	99
17) Carbon Disulfide	2.56	76	203062	48.894	ug/l	99
18) Methyl Acetate	2.76	43	99776	51.115	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	265683	48.839	ug/l	99
20) Methylene Chloride	2.84	84	83950	50.238	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	81336	50.598	ug/l	95
22) Diisopropyl ether	3.84	45	231985	48.785	ug/l	96
23) Vinyl Acetate	3.80	43	1024440	253.465	ug/l	100
24) 1,1-Dichloroethane	3.69	63	142551	48.737	ug/l	99
25) 2-Butanone	4.65	43	301981	251.995	ug/l	98
26) 2,2-Dichloropropane	4.56	77	134362	49.705	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	92340	48.809	ug/l	97
28) Bromochloromethane	5.00	49	38721	51.341	ug/l	98
29) Tetrahydrofuran	5.11	42	175791	243.367	ug/l	99
30) Chloroform	5.20	83	149363	47.963	ug/l	94
31) Cyclohexane	5.57	56	125226	51.052	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	138589	50.052	ug/l	99
36) 1,1-Dichloropropene	5.78	75	113087	52.064	ug/l	99
37) Ethyl Acetate	4.81	43	107319	49.627	ug/l	99
38) Carbon Tetrachloride	5.76	117	119030	49.624	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	140622	50.618	ug/l	98
40) Benzene	6.13	78	320673	49.197	ug/l	96
41) Methacrylonitrile	5.02	41	60383	52.082	ug/l	99
42) 1,2-Dichloroethane	6.18	62	119978	48.820	ug/l	98
43) Isopropyl Acetate	6.43	43	182284	50.769	ug/l	99
44) Trichloroethene	7.20	130	89998	48.649	ug/l	99
45) 1,2-Dichloropropane	7.50	63	79643	48.784	ug/l	99
46) Dibromomethane	7.65	93	57335	48.746	ug/l	99
47) Bromodichloromethane	7.89	83	117979	51.470	ug/l	99
48) Methyl methacrylate	7.76	41	90082	50.762	ug/l	98
49) 1,4-Dioxane	7.73	88	45454	1006.394	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	545761	249.379	ug/l	100
52) Toluene	8.78	92	211590	48.983	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	131315	53.909	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	139479	52.344	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	83566	48.931	ug/l	97
56) Ethyl methacrylate	9.17	69	133936	52.107	ug/l	99
57) 1,3-Dichloropropane	9.36	76	141900	49.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	273705	272.895	ug/l	100
59) 2-Hexanone	9.48	43	432850	256.767	ug/l	98
60) Dibromochloromethane	9.57	129	94055	52.558	ug/l	99
61) 1,2-Dibromoethane	9.67	107	88746	48.948	ug/l	97
64) Tetrachloroethene	9.33	164	83837	51.334	ug/l	96
65) Chlorobenzene	10.14	112	227160	48.978	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	85562	49.939	ug/l	99
67) Ethyl Benzene	10.25	91	413917	49.851	ug/l	98
68) m/p-Xylenes	10.35	106	302044	96.257	ug/l	96
69) o-Xylene	10.70	106	149661	49.719	ug/l	98
70) Styrene	10.71	104	256097	49.409	ug/l	99
71) Bromoform	10.85	173	67184	53.665	ug/l #	100
73) Isopropylbenzene	11.01	105	408999	51.702	ug/l	98
74) N-amyl acetate	10.89	43	155074	53.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	127062	52.898	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	105343m	50.173	ug/l	
77) Bromobenzene	11.25	156	98151	51.767	ug/l	97
78) n-propylbenzene	11.35	91	437029	50.859	ug/l	98
79) 2-Chlorotoluene	11.42	91	267160	49.207	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	346007	52.622	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43442	56.857	ug/l	98
82) 4-Chlorotoluene	11.51	91	316213	51.402	ug/l	96
83) tert-Butylbenzene	11.77	119	322189	49.526	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	336450	50.729	ug/l	98
85) sec-Butylbenzene	11.94	105	364970	49.299	ug/l	98
86) p-Isopropyltoluene	12.06	119	371853	53.466	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	163875	47.843	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	167152	47.930	ug/l	98
89) n-Butylbenzene	12.38	91	315455	55.445	ug/l	99
90) Hexachloroethane	12.59	117	63022	54.109	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	167572	49.751	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32391	54.227	ug/l	98

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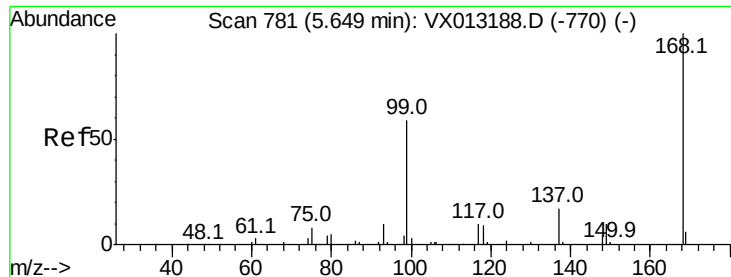
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	113342	53.440	ug/l	98
94) Hexachlorobutadiene	13.77	225	54676	49.836	ug/l	98
95) Naphthalene	13.83	128	357265	54.885	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	111049	52.986	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

Tot Ion:168 Resp: 90683

Ion Ratio Lower Upper

168 100

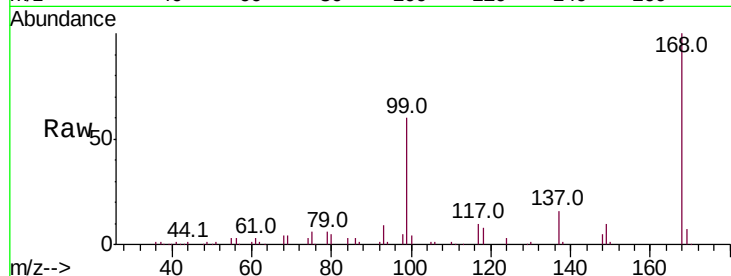
99 60.0 47.0 70.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

30000

20000

10000

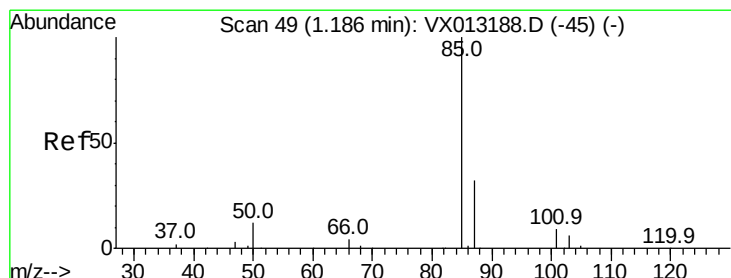
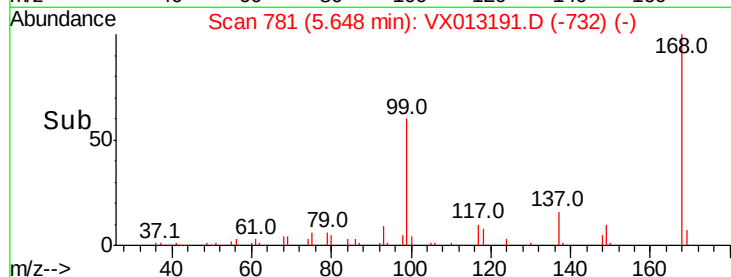
0

Time-->

5.50

5.60

5.70



#2

Dichlorodifluoromethane

Concen: 47.992 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013191.D

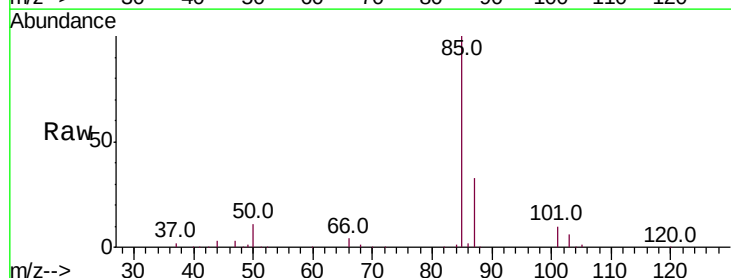
Acq: 23 Oct 2019 16:26

Tgt Ion: 85 Resp: 87815

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

40000

20000

0

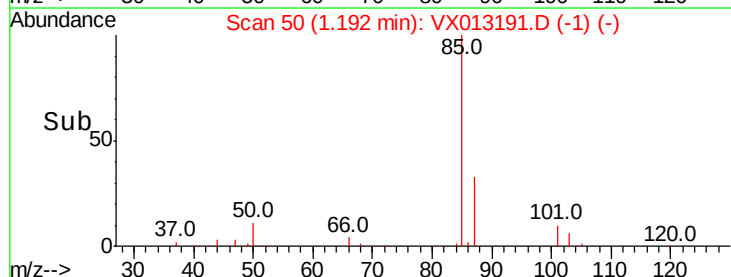
Time-->

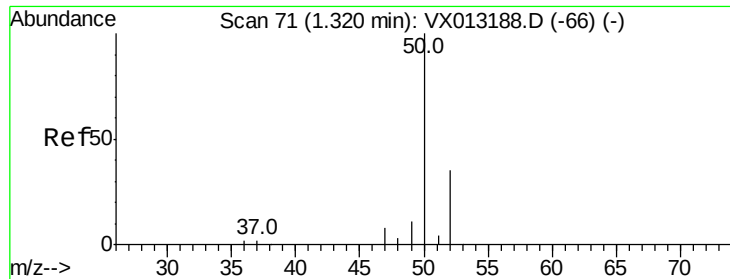
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 52.523 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

Tot Ion: 50 Resp: 79221

Ion Ratio Lower Upper

50 100

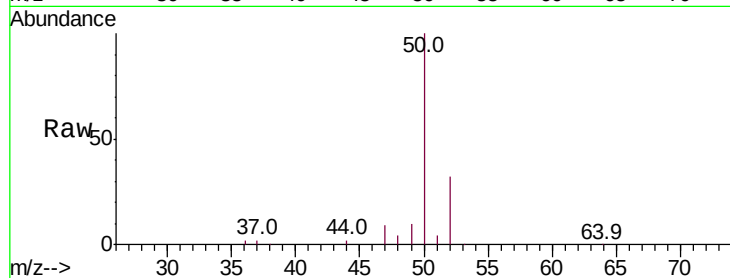
52 32.4 27.8 41.6

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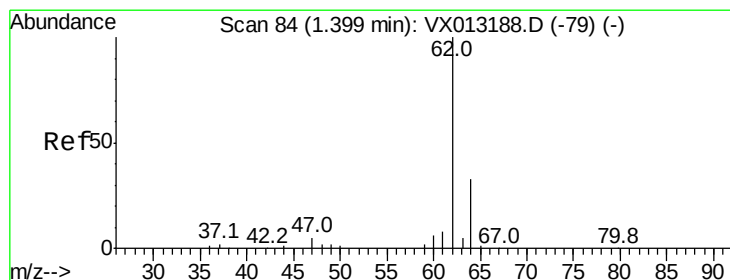
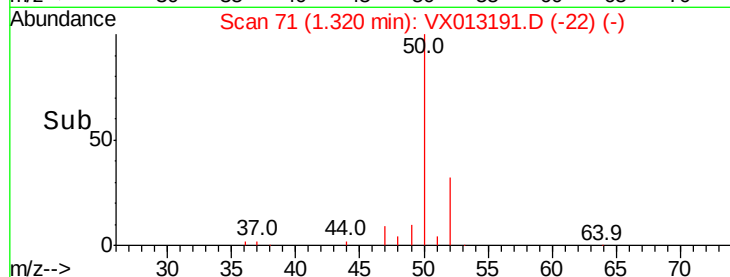
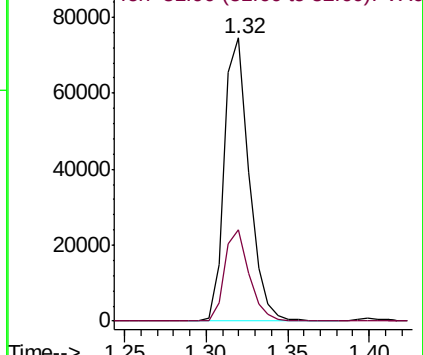
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.494 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013191.D

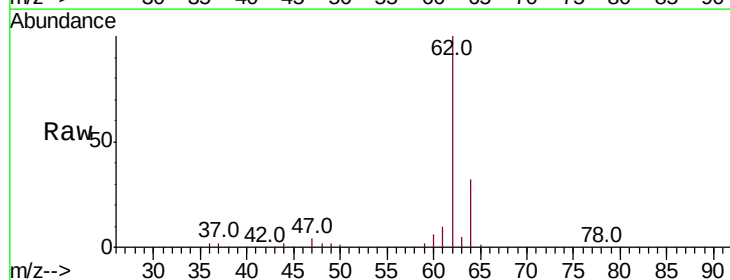
Acq: 23 Oct 2019 16:26

Tgt Ion: 62 Resp: 78209

Ion Ratio Lower Upper

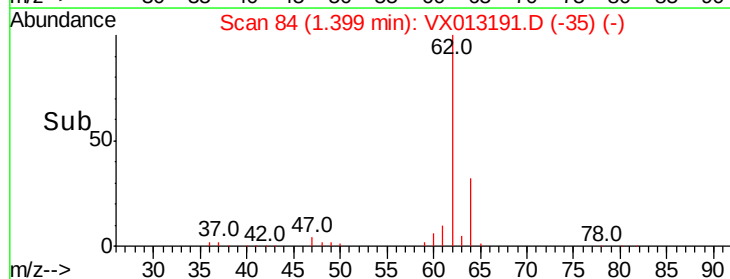
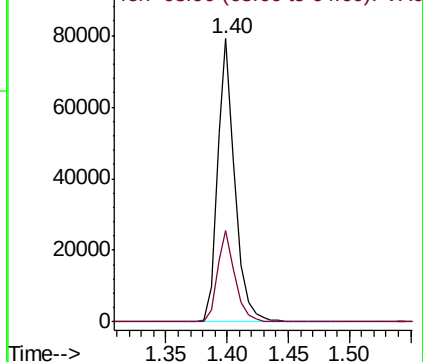
62 100

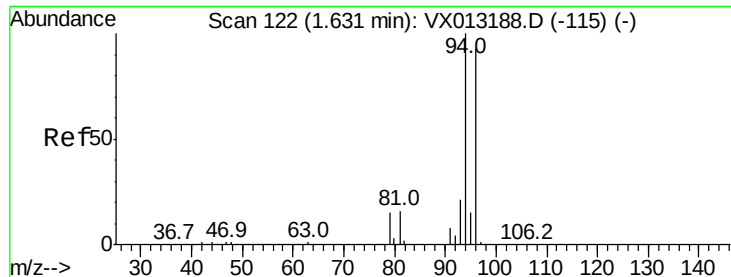
64 32.3 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.965 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

Tot Ion: 94 Resp: 44483

Ion Ratio Lower Upper

94 100

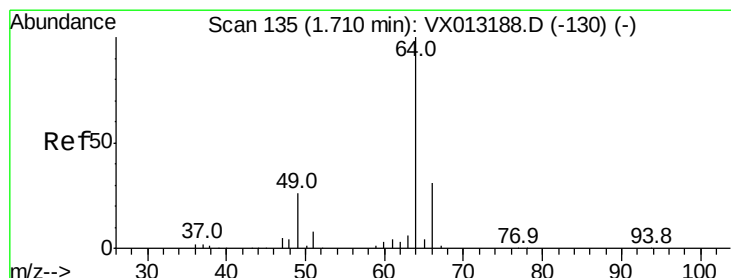
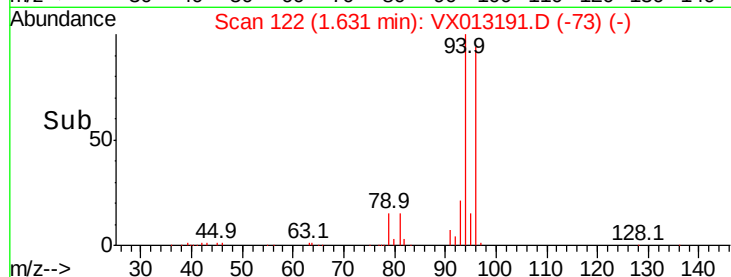
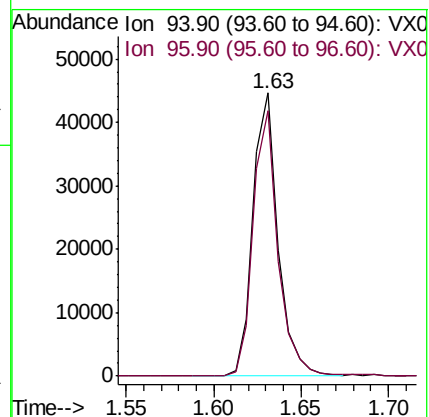
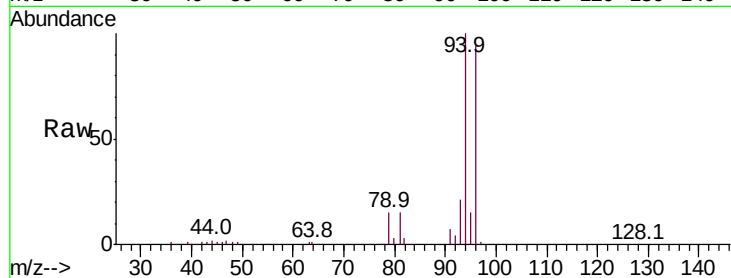
96 93.9 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 54.453 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013191.D

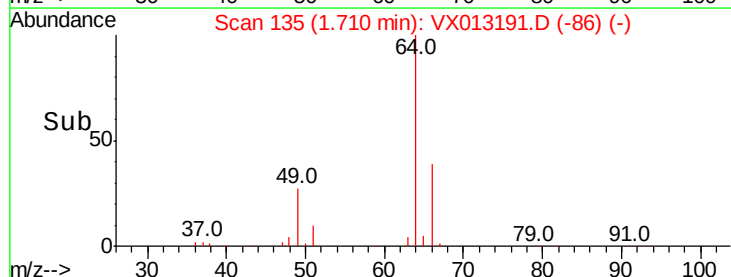
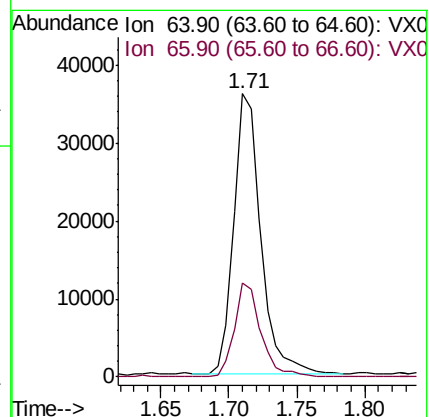
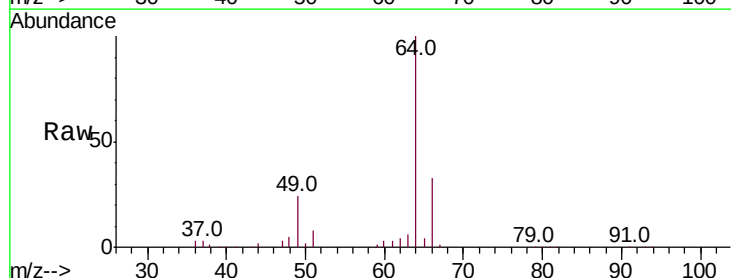
Acq: 23 Oct 2019 16:26

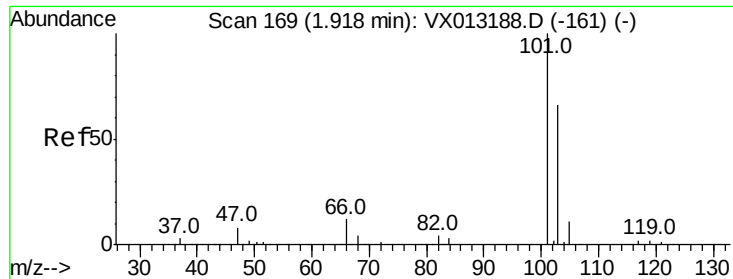
Tgt Ion: 64 Resp: 49972

Ion Ratio Lower Upper

64 100

66 33.4 25.0 37.6





#7

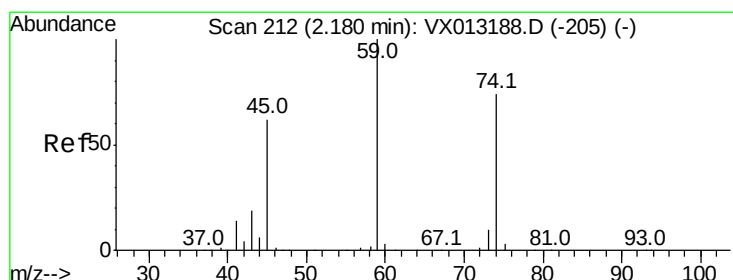
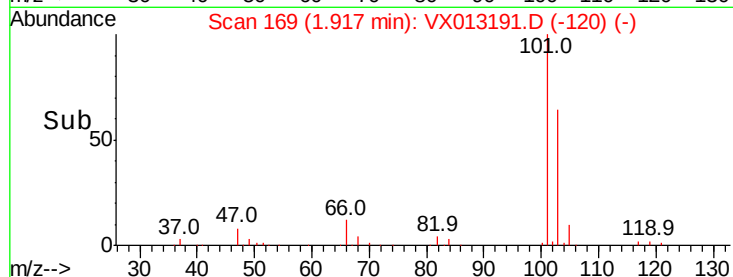
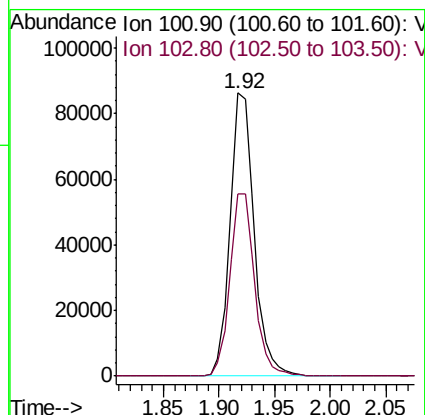
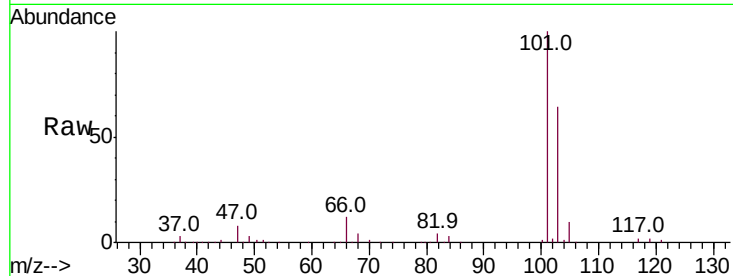
Trichlorofluoromethane
Concen: 49.755 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion:101 Resp: 129286
Ion Ratio Lower Upper
101 100
103 64.3 53.0 79.6

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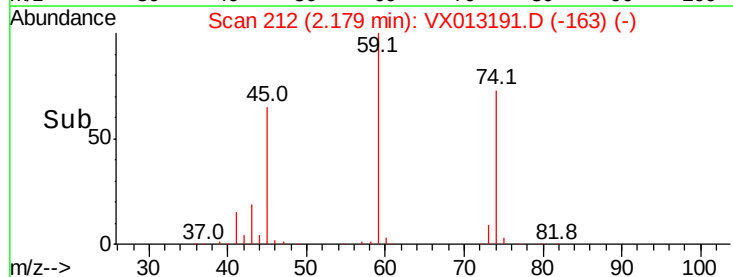
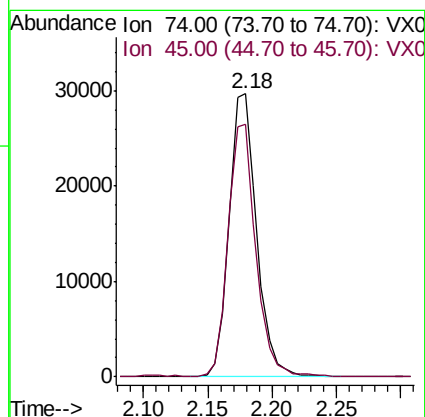
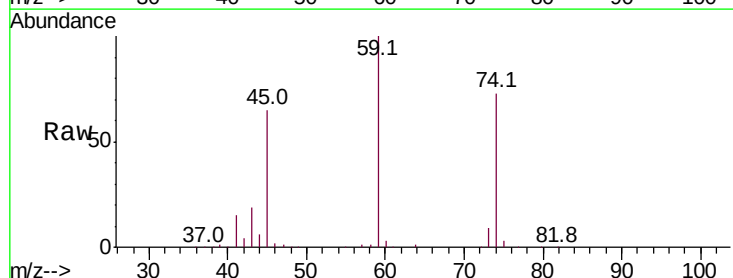
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10/25/2019 4:33:03 PM

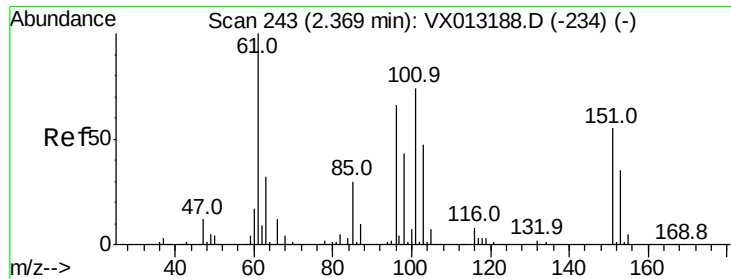


#8

Diethyl Ether
Concen: 49.997 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion: 74 Resp: 44558
Ion Ratio Lower Upper
74 100
45 90.5 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.061 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

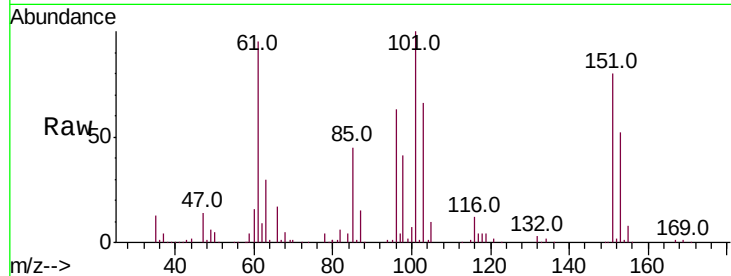
ClientSampleId :

ICVVX102419

Tot Ion:	101	Resp:	72515
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.0	51.0
151	78.5	62.0	93.0

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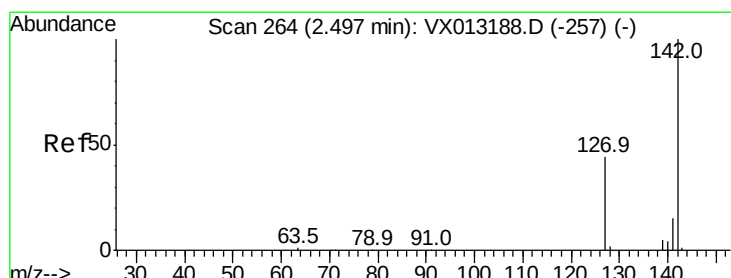
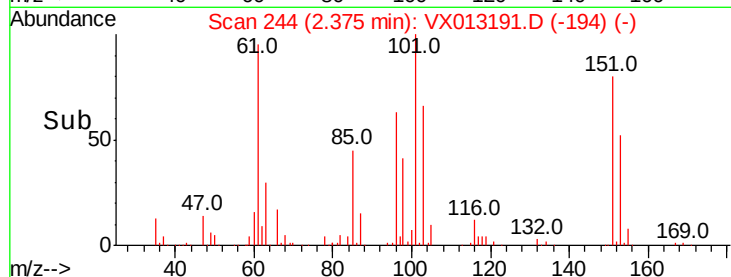
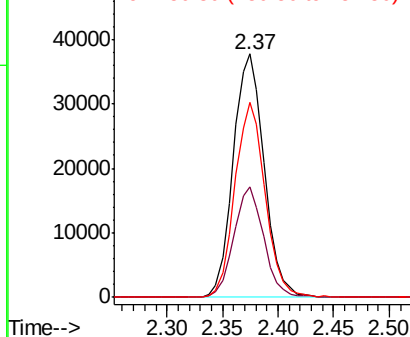


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.801 ug/l

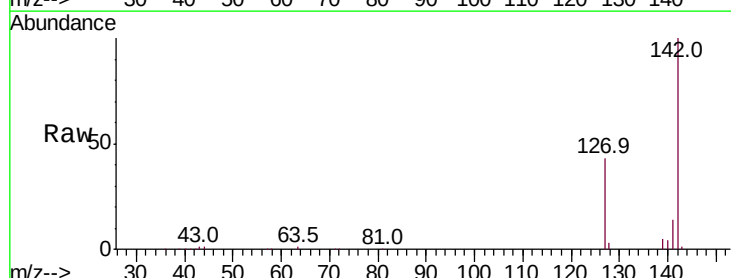
RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Tgt Ion:	142	Resp:	87847
Ion Ratio	Lower	Upper	
142	100		
127	44.9	35.6	53.4
141	14.5	11.6	17.4

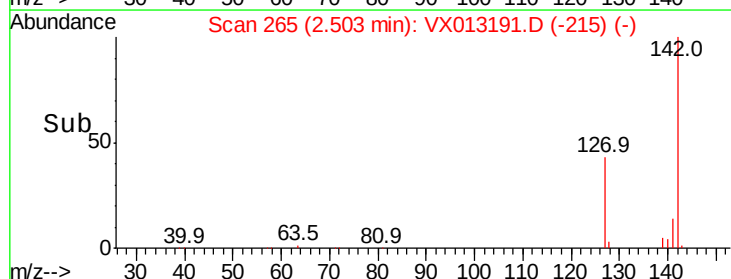
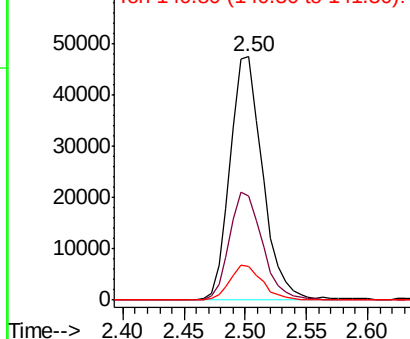


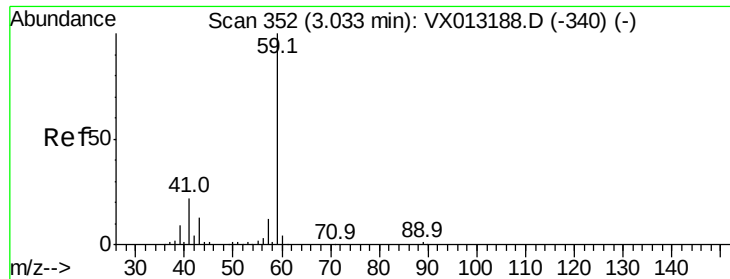
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 258.871 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

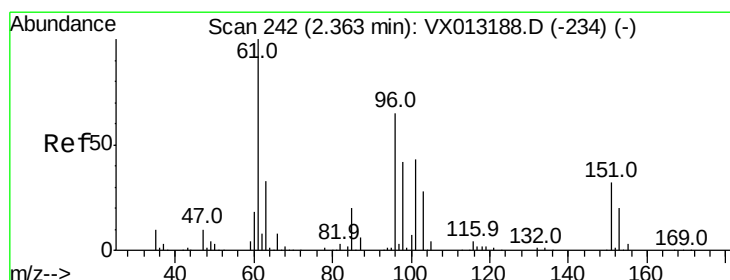
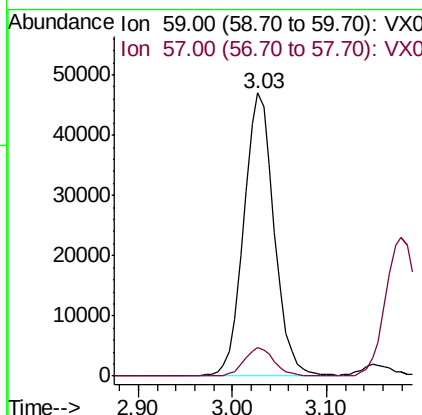
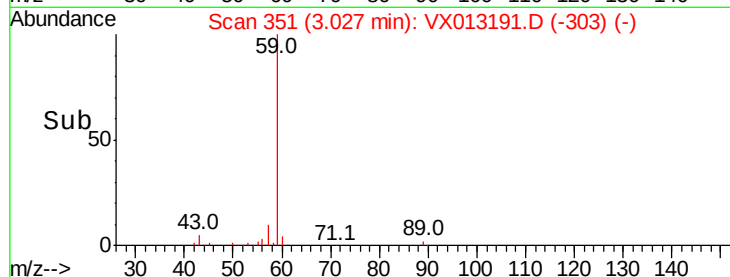
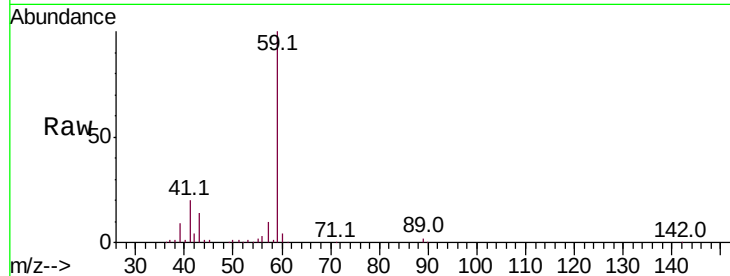
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion: 59 Resp: 106502

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 44.088 ug/l

RT: 2.36 min Scan# 242

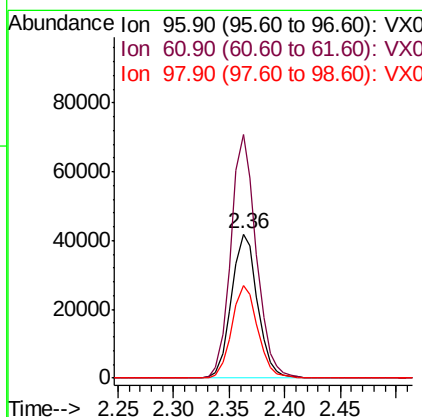
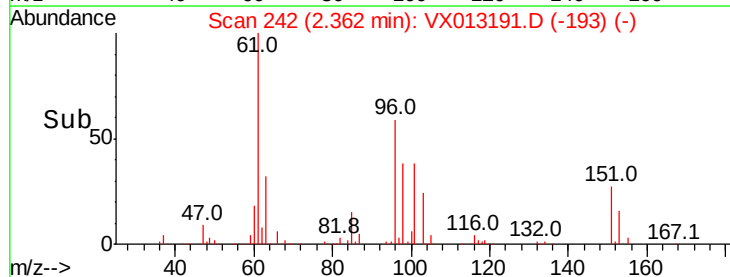
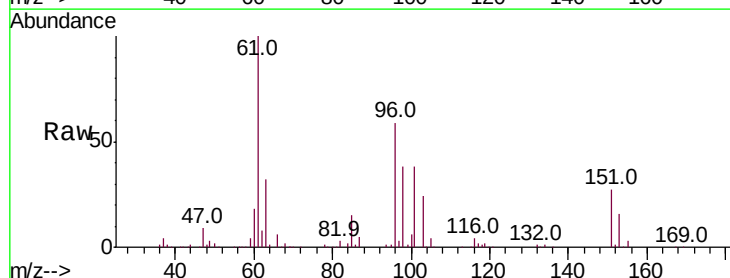
Delta R.T. -0.00 min

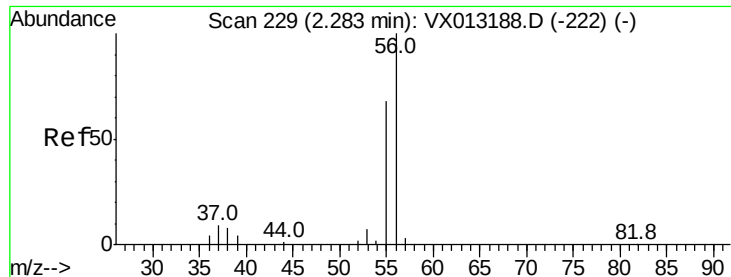
Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Tgt Ion: 96 Resp: 68106

Ion	Ratio	Lower	Upper
96	100		
61	169.1	123.8	185.8
98	64.7	51.6	77.4





#13

Acrolein

Concen: 234.534 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

Tot Ion: 56 Resp: 52191

Ion Ratio Lower Upper

56 100

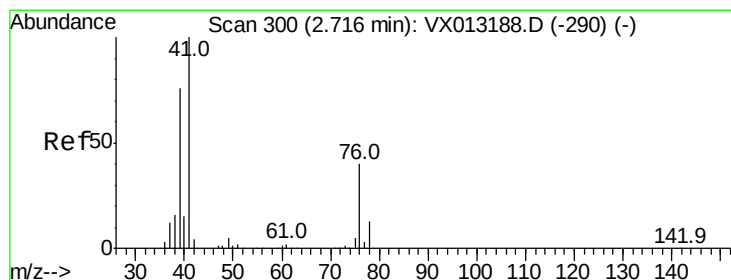
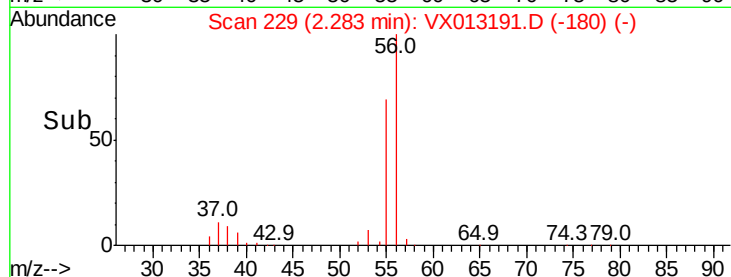
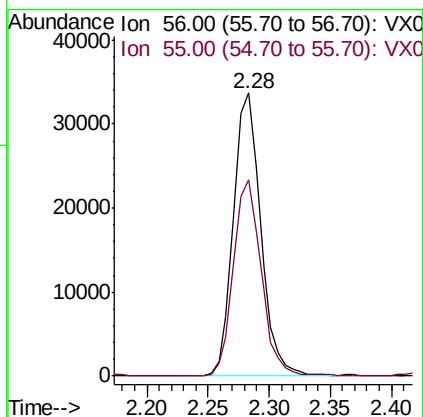
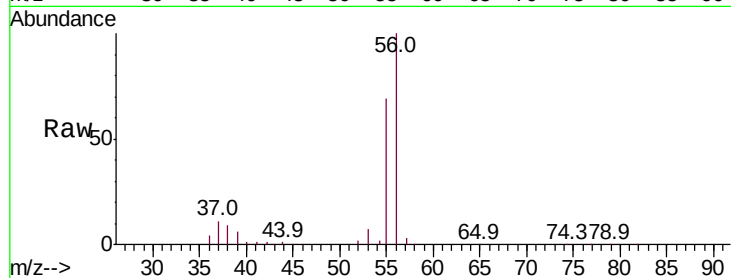
55 70.8 58.9 88.3

Manual Integrations

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#14

Allyl chloride

Concen: 49.219 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

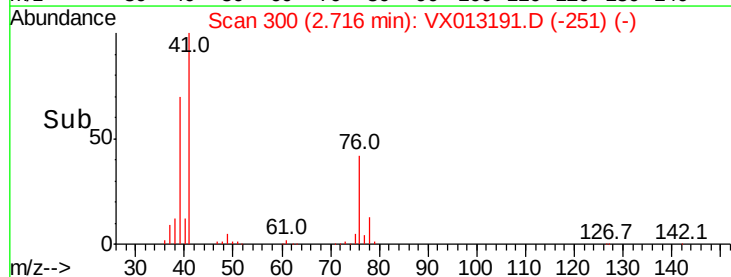
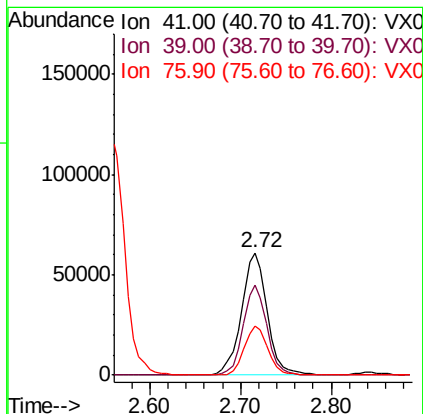
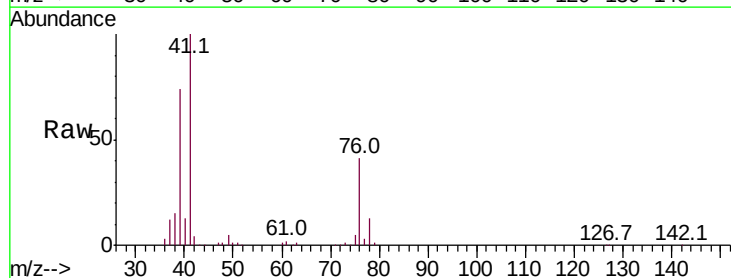
Tgt Ion: 41 Resp: 119699

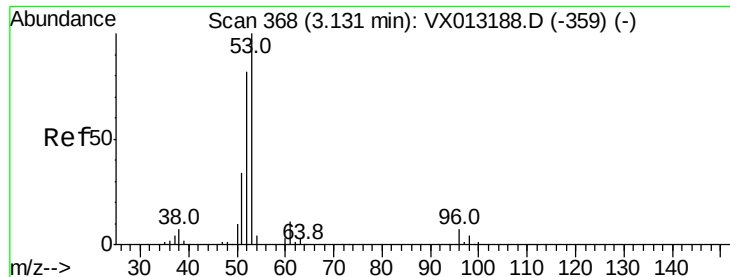
Ion Ratio Lower Upper

41 100

39 67.6 54.6 81.8

76 37.0 29.8 44.6





#15

Acrylonitrile

Concen: 247.214 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

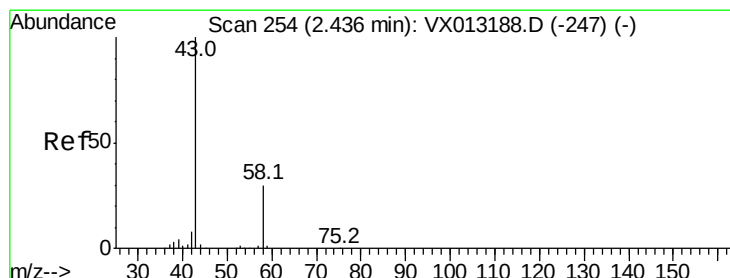
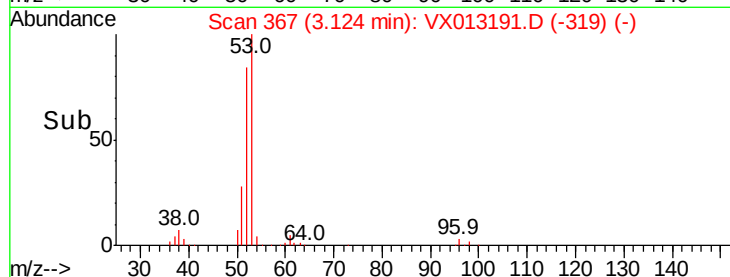
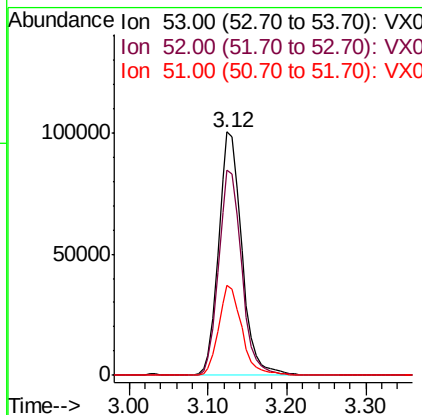
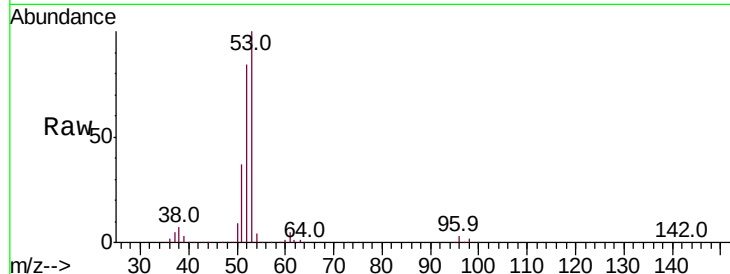
ClientSampleId :

ICVVX102419

Tot Ion:	53	Resp:	206674
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.4	99.6
51	37.0	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 247.625 ug/l

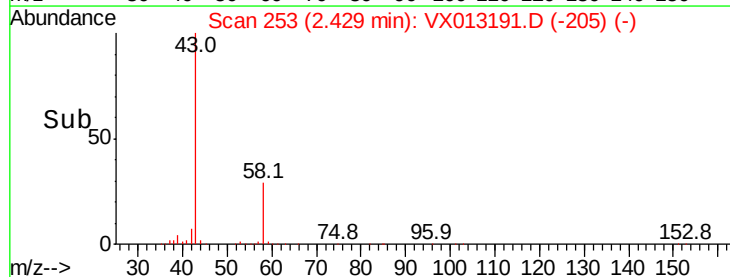
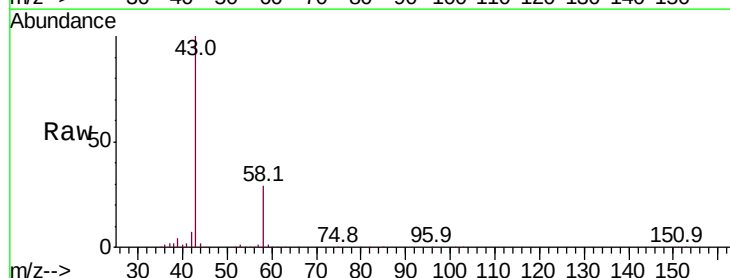
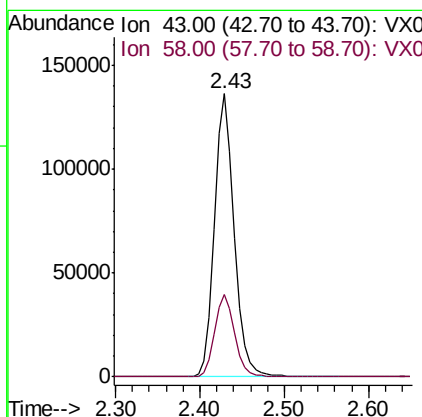
RT: 2.43 min Scan# 253

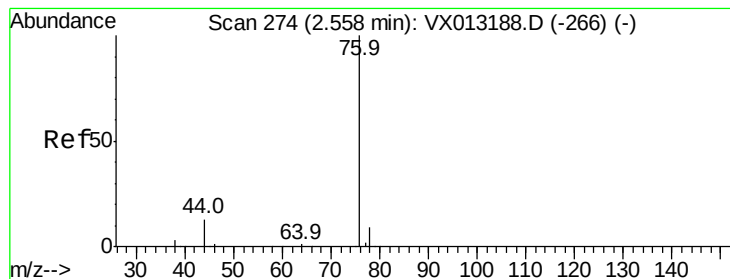
Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Tgt Ion:	43	Resp:	221269
Ion Ratio	Lower	Upper	
43	100		
58	29.0	23.8	35.6





#17

Carbon Disulfide

Concen: 48.894 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

Tot Ion: 76 Resp: 203062

Ion Ratio Lower Upper

76 100

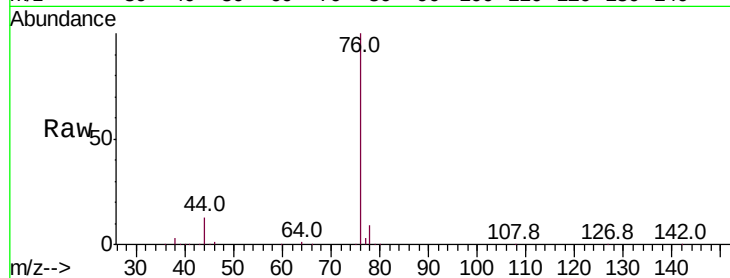
78 9.0 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

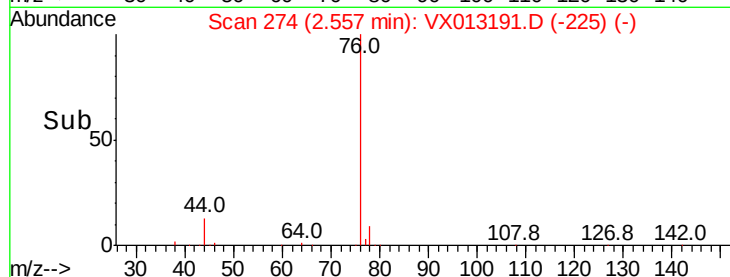
2.56

100000

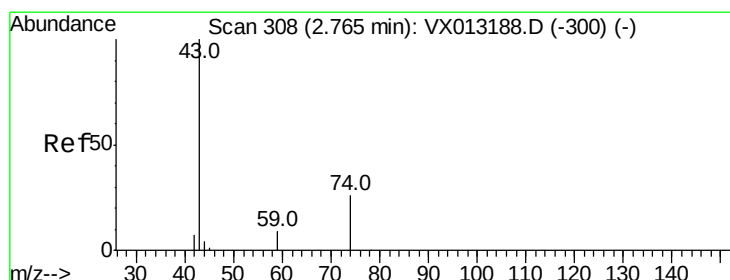
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 51.115 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX013191.D

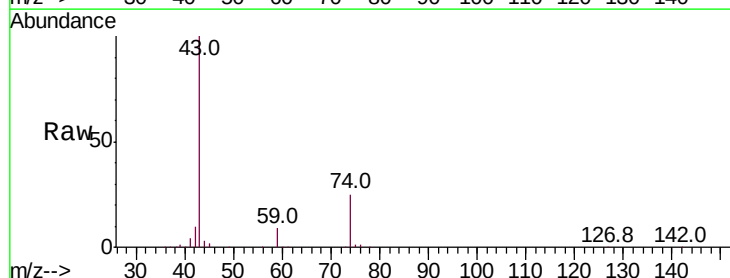
Acq: 23 Oct 2019 16:26

Tgt Ion: 43 Resp: 99776

Ion Ratio Lower Upper

43 100

74 26.9 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

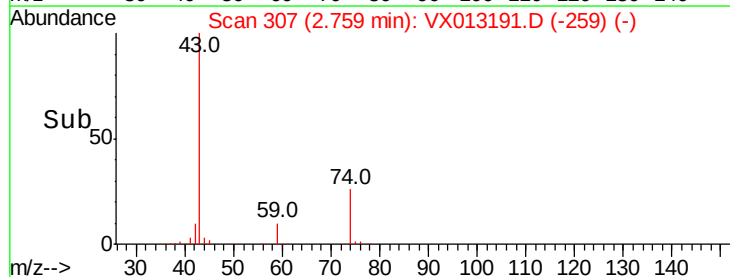
60000

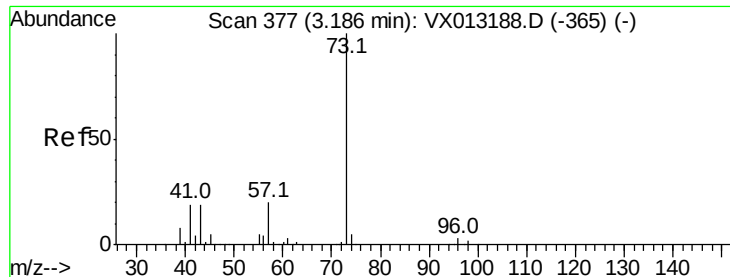
40000

20000

0

Time-->





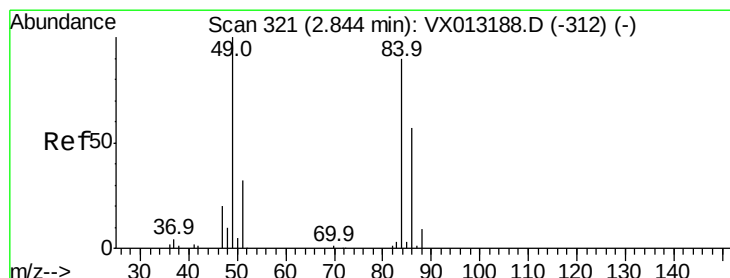
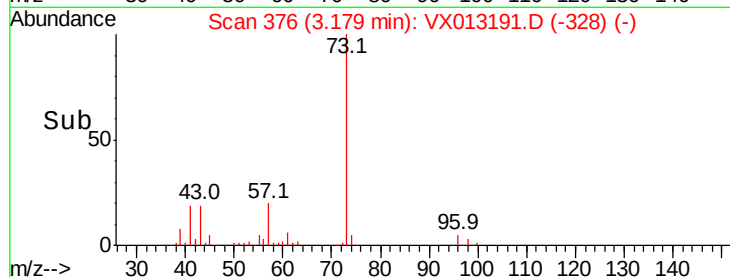
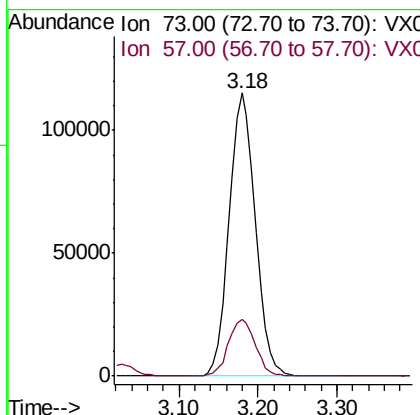
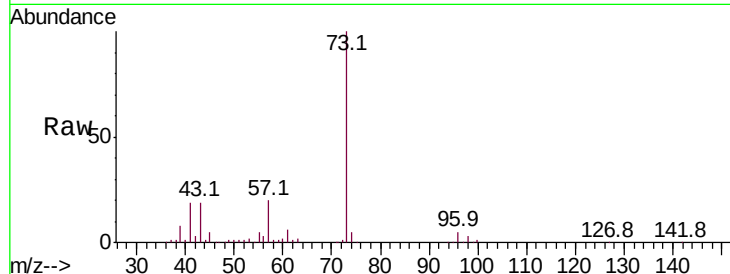
#19
Methyl tert-butyl Ether
Concen: 48.839 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.0	15.8	23.8

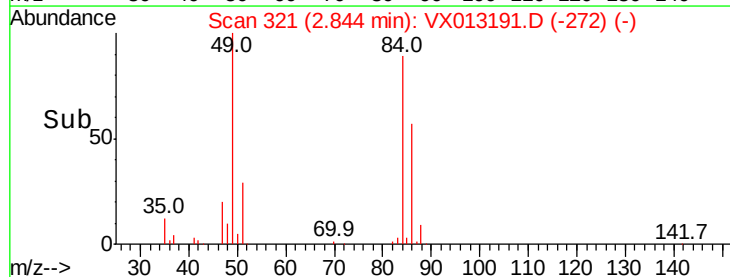
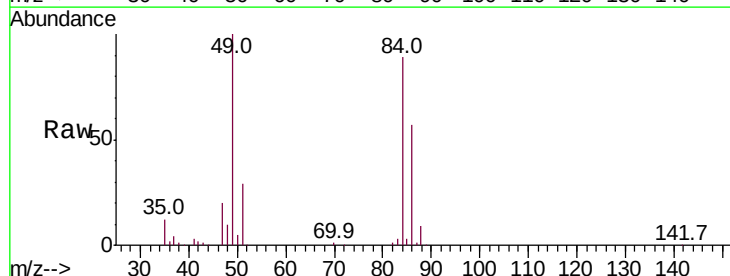
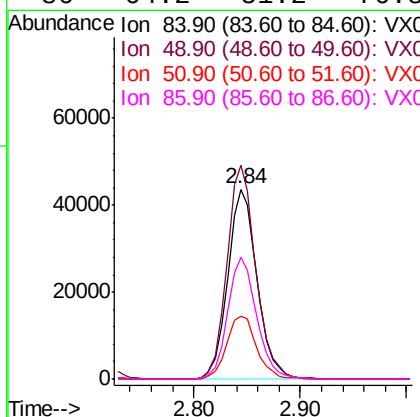
Manual Integrations
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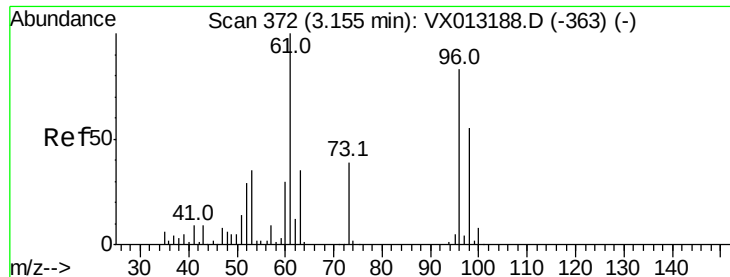
MMDadoda
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#20
Methylene Chloride
Concen: 50.238 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.5	89.2	133.8
51	32.7	28.8	43.2
86	64.2	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 50.598 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

Tot Ion: 96 Resp: 81336

Ion Ratio Lower Upper

96 100

61 128.7 96.9 145.3

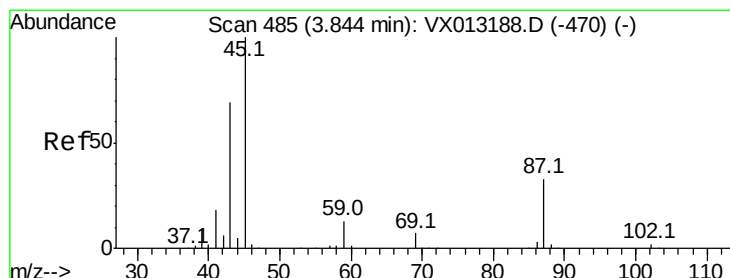
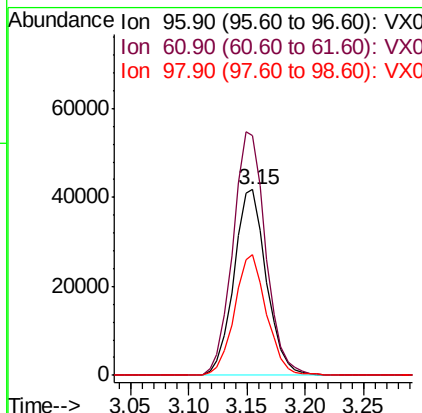
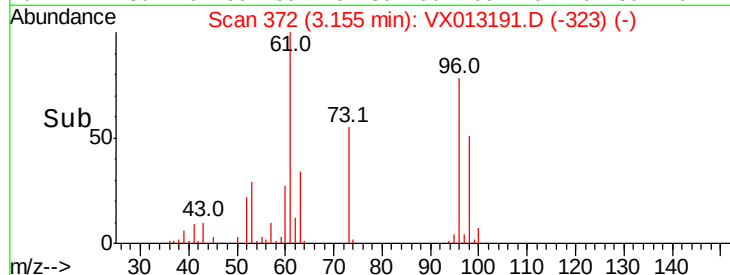
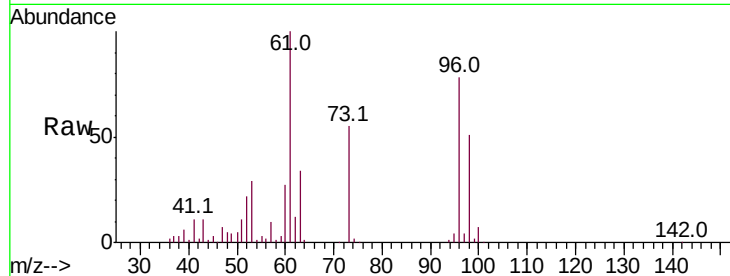
98 65.3 53.0 79.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 48.785 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Tgt Ion: 45 Resp: 231985

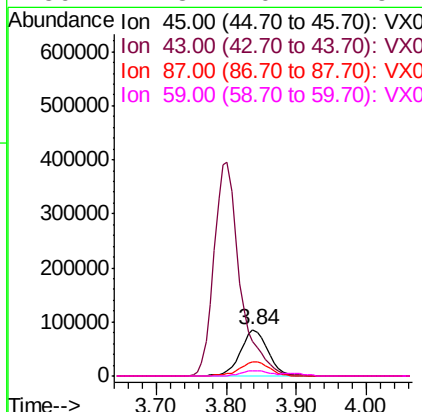
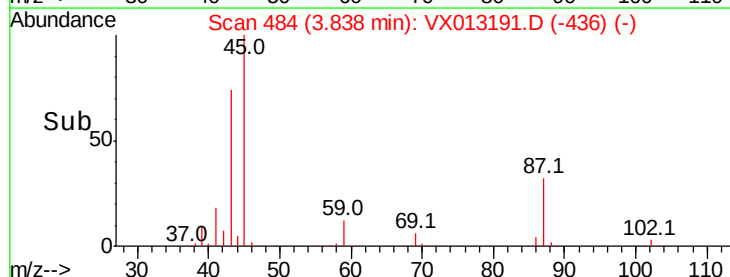
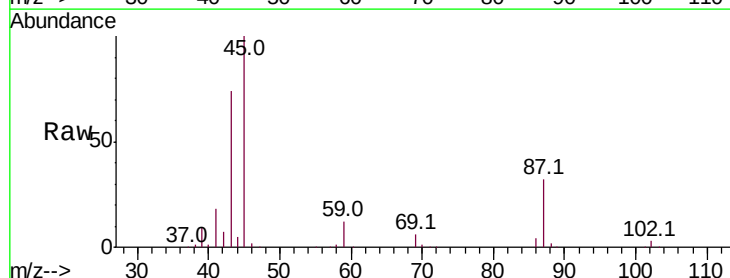
Ion Ratio Lower Upper

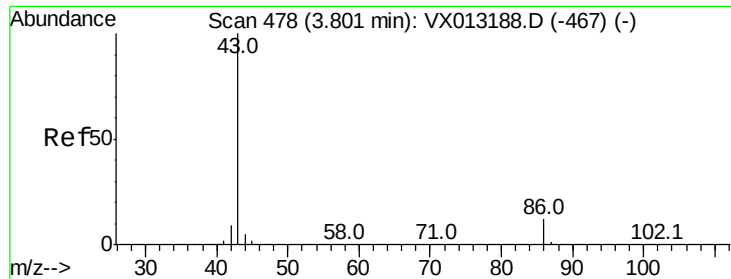
45 100

43 73.1 55.5 83.3

87 31.7 26.7 40.1

59 11.8 10.2 15.2





#23

Vinyl Acetate

Concen: 253.465 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

Tot Ion: 43 Resp: 1024440

Ion Ratio Lower Upper

43 100

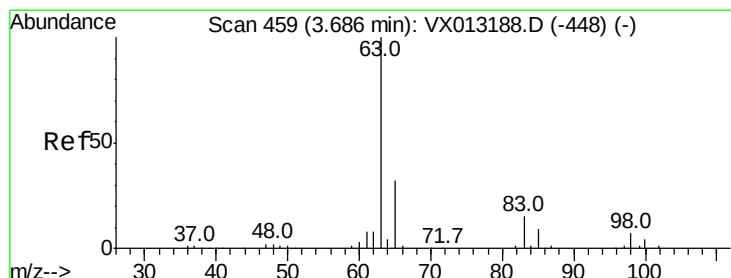
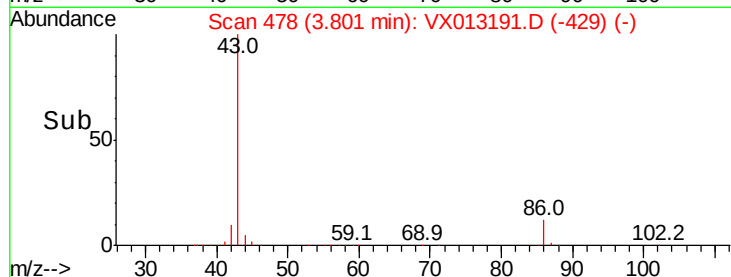
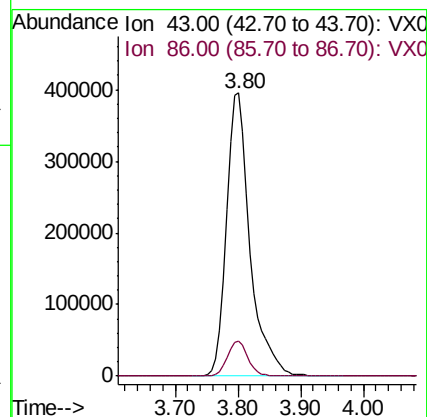
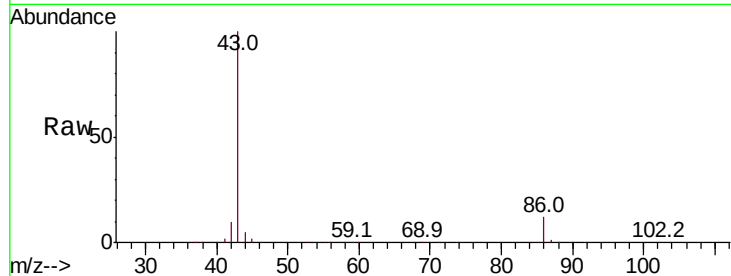
86 12.2 9.7 14.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.737 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

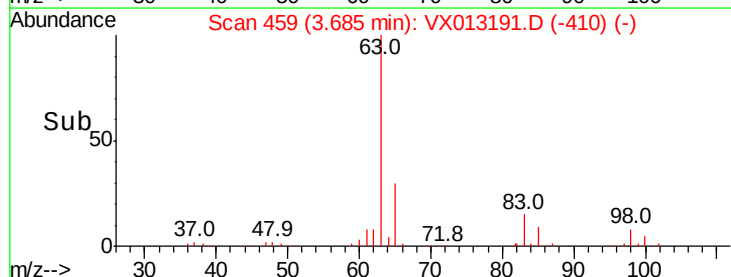
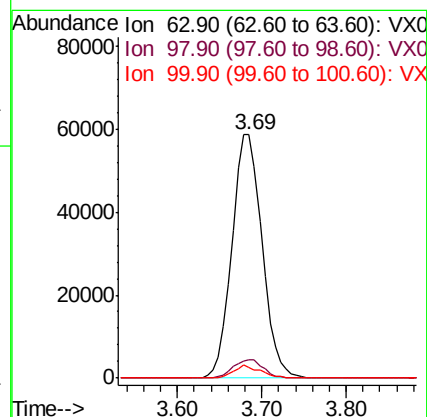
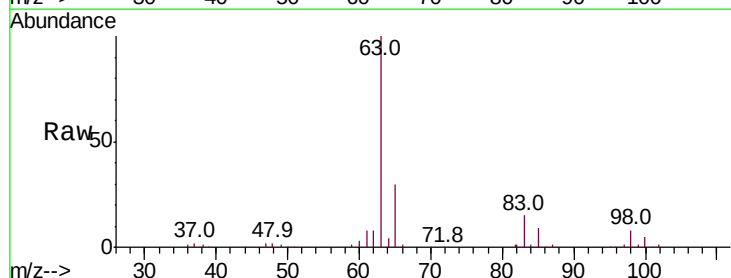
Tgt Ion: 63 Resp: 142551

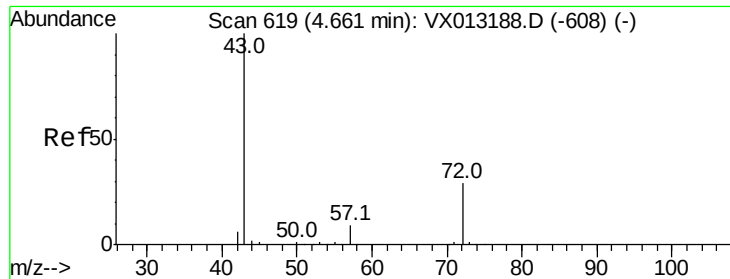
Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.2

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 251.995 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

Tot Ion: 43 Resp: 301981

Ion Ratio Lower Upper

43 100

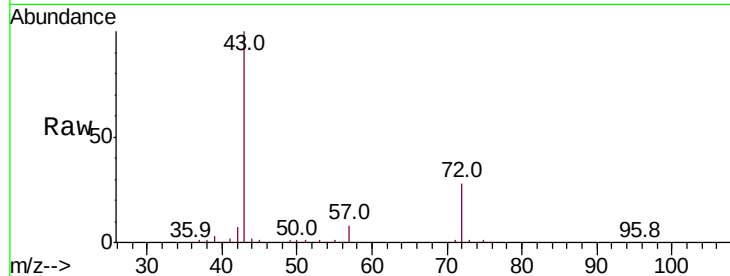
72 28.0 23.4 35.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

40000

20000

0

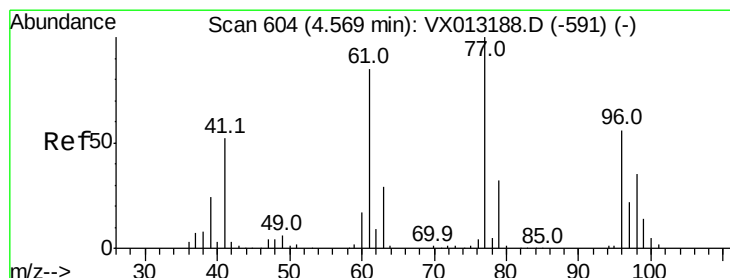
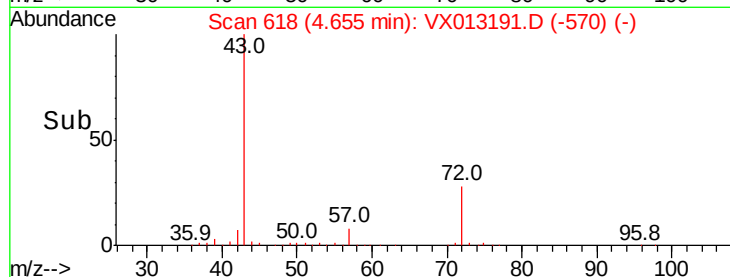
4.65

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 49.705 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013191.D

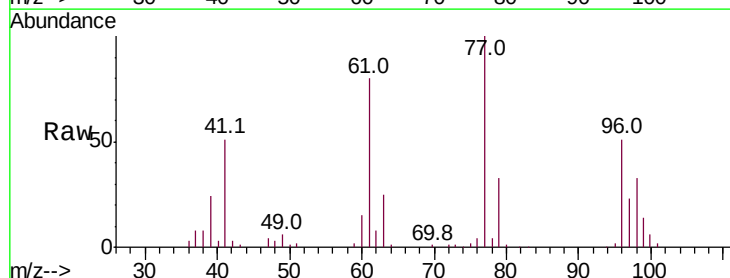
Acq: 23 Oct 2019 16:26

Tgt Ion: 77 Resp: 134362

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

20000

10000

0

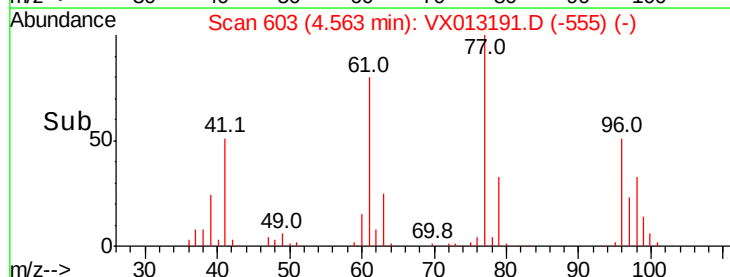
4.56

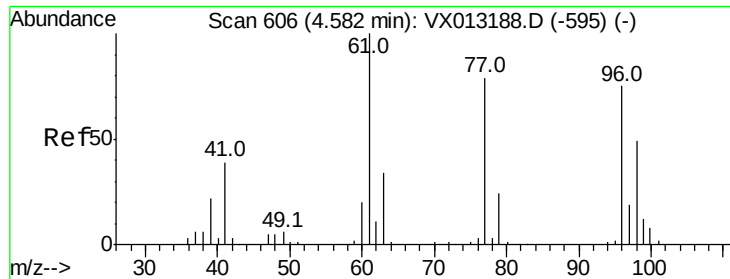
4.50

4.60

4.70

Time-->





#27

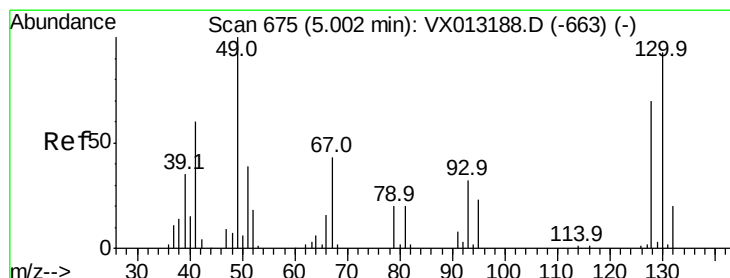
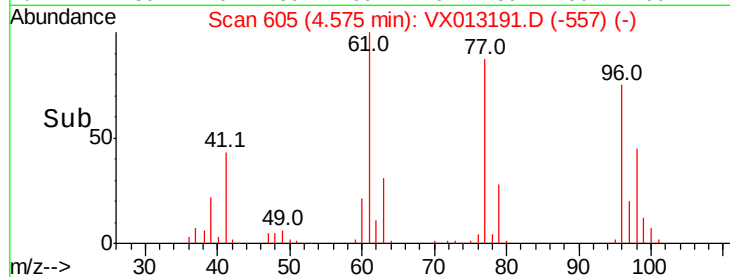
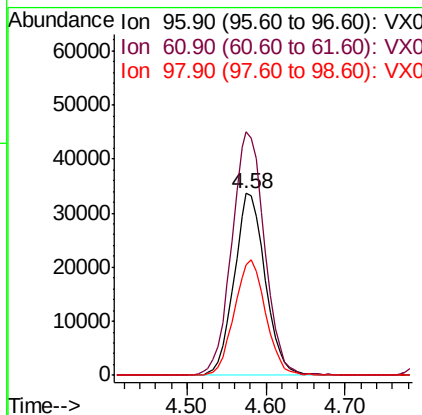
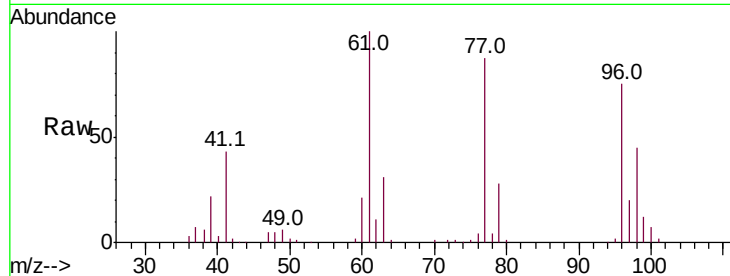
cis-1,2-Dichloroethene
 Concen: 48.809 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.6	0.0	290.4
98	64.2	0.0	130.4

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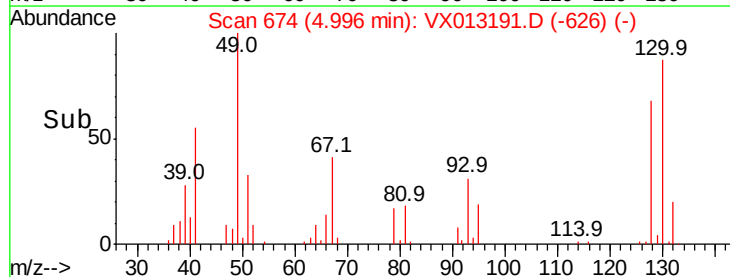
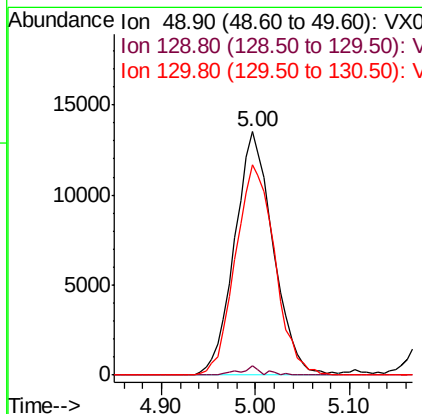
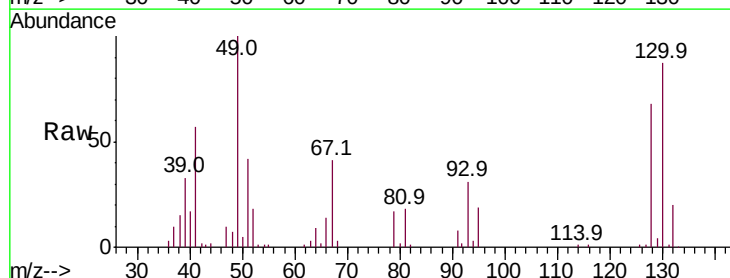
MMDadoda
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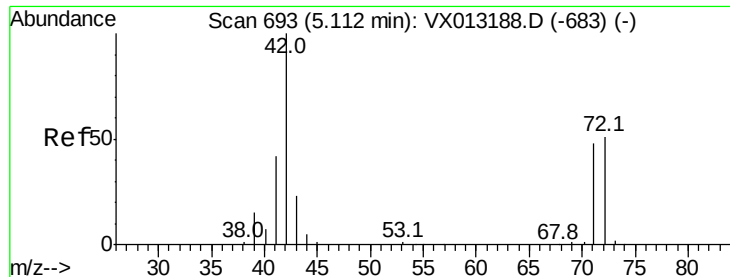


#28

Bromochloromethane
 Concen: 51.341 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.8
130	88.2	71.8	107.8





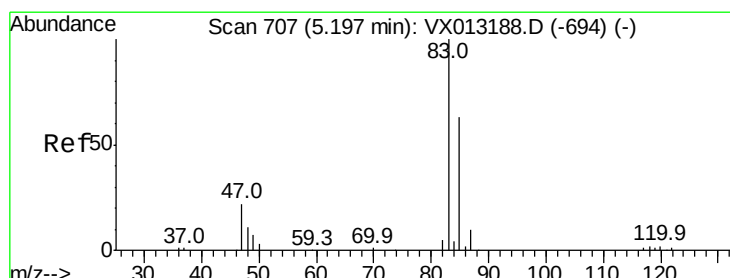
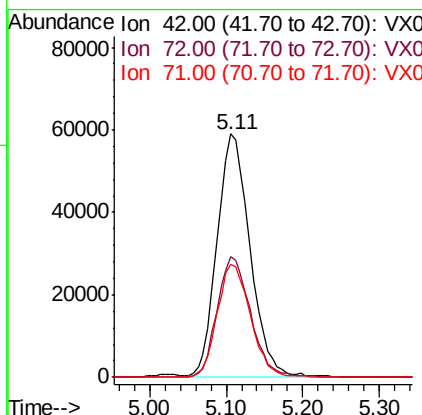
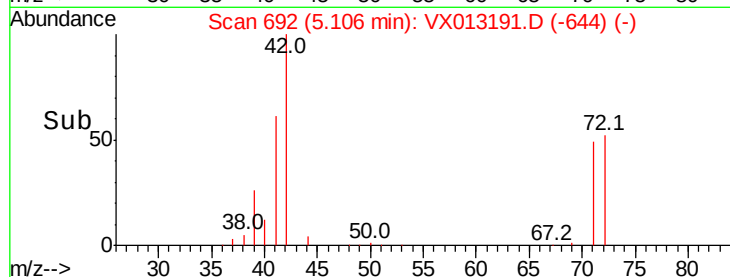
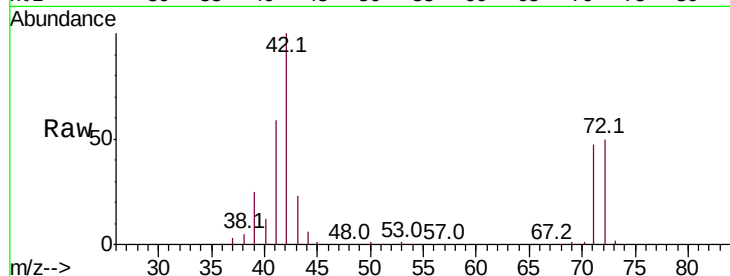
#29
Tetrahydrofuran
Concen: 243.367 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.6	40.9	61.3
71	47.0	38.6	57.8

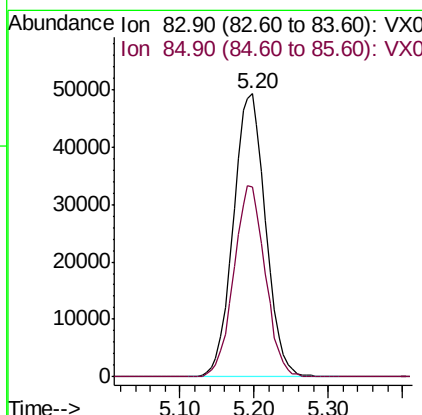
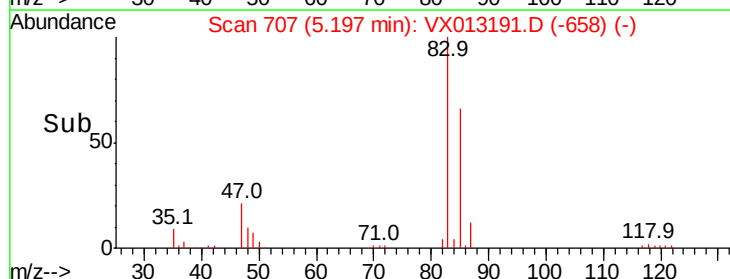
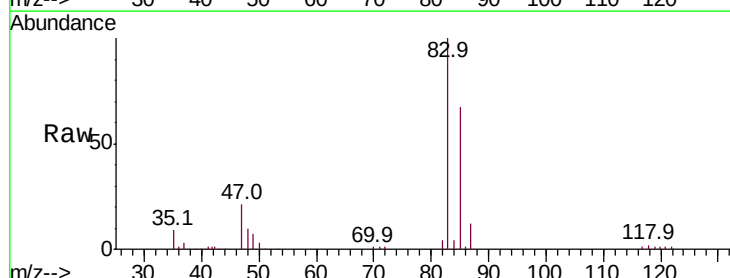
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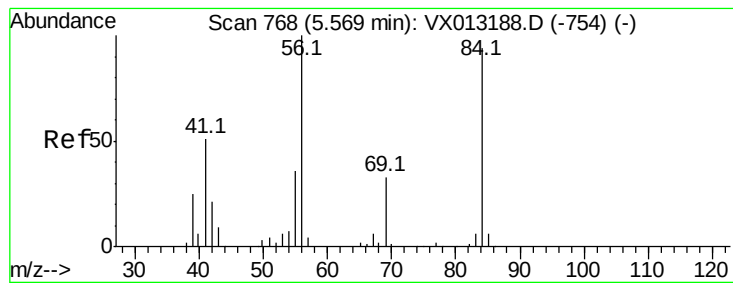
MMDadoda
10/25/2019 4:33:03 PM



#30
Chloroform
Concen: 47.963 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.3	50.1	75.1





#31

Cyclohexane

Concen: 51.052 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

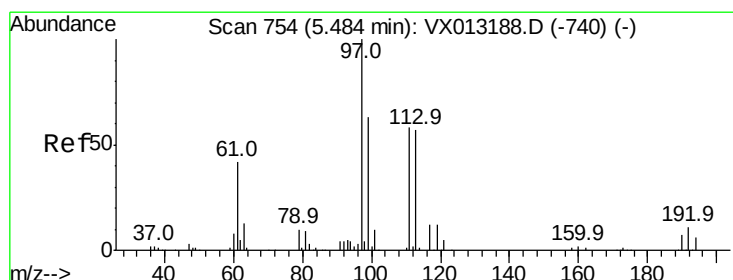
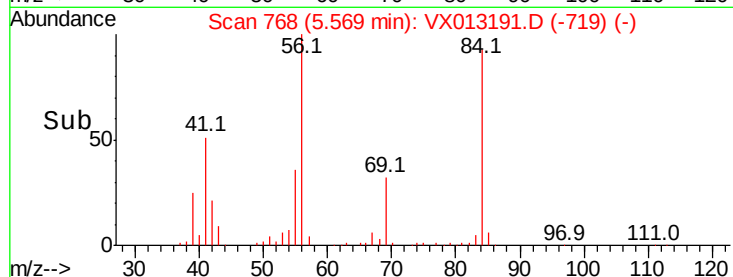
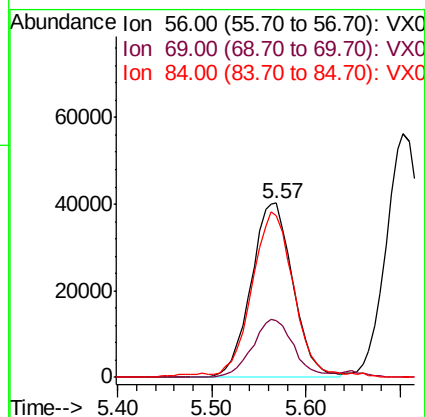
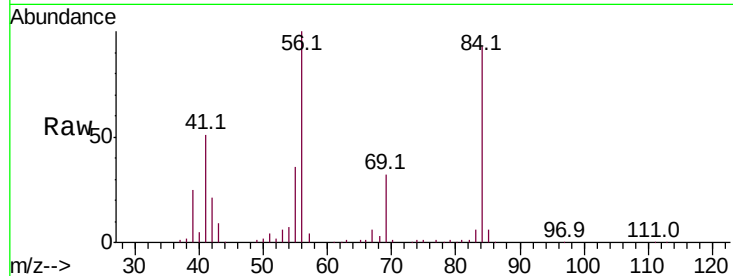
ClientSampleId :

ICVVX102419

Tot Ion:	56	Resp:	125226
Ion	Ratio	Lower	Upper
56	100		
69	32.4	26.3	39.5
84	91.3	73.8	110.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.052 ug/l

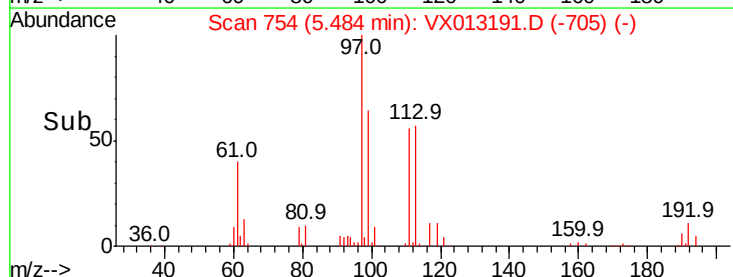
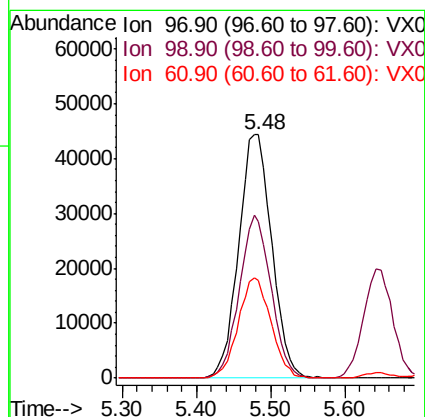
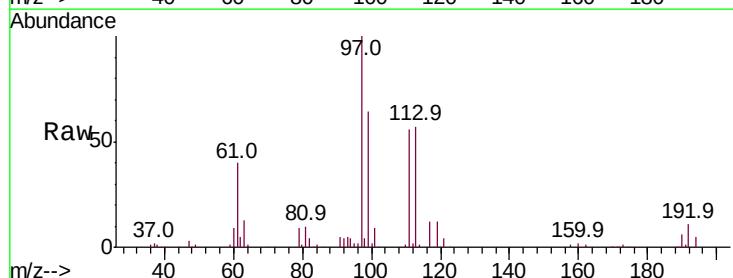
RT: 5.48 min Scan# 754

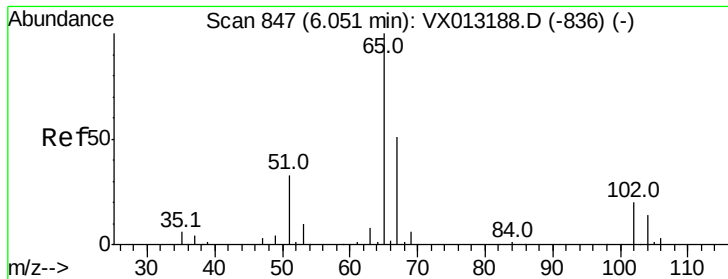
Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Tgt Ion:	97	Resp:	138589
Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.8	76.2
61	40.6	32.8	49.2





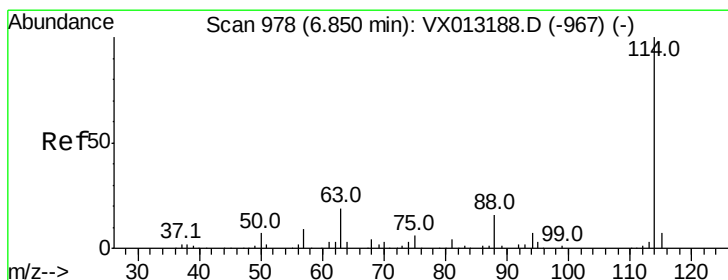
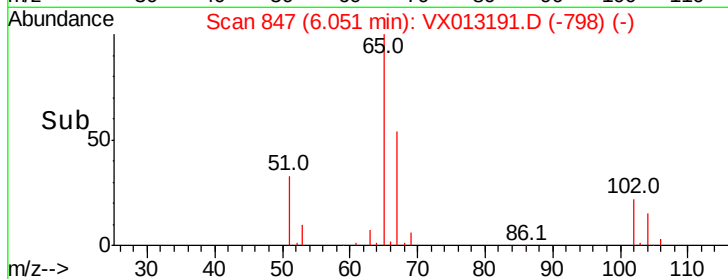
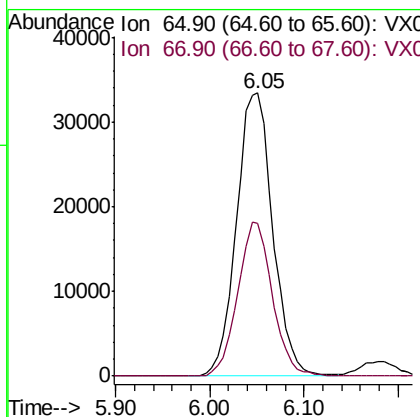
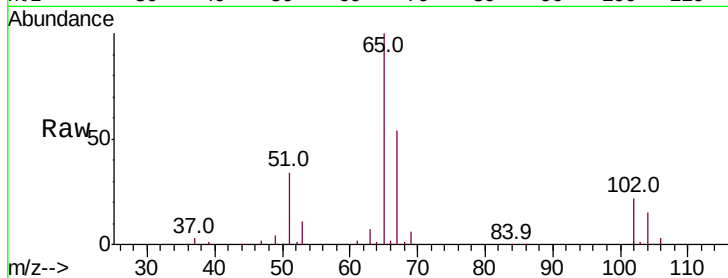
#33
 1,2-Dichloroethane-d4
 Concen: 47.305 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	102.6

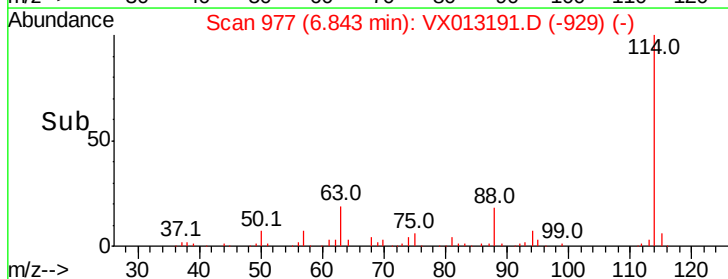
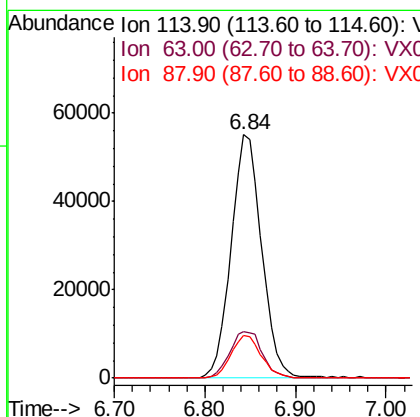
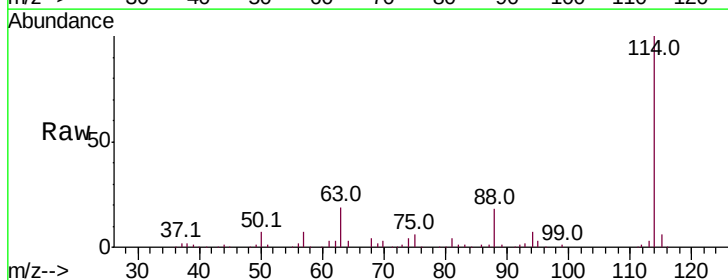
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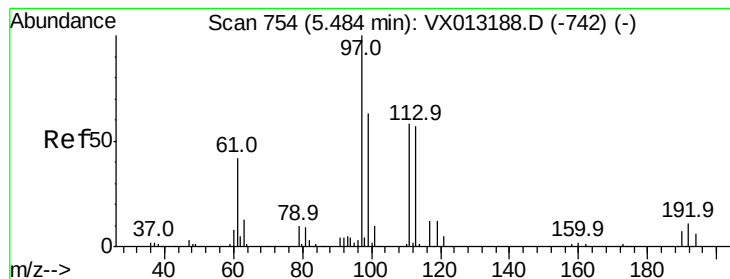
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.0
88	17.5	0.0	32.0





#35

Dibromofluoromethane

Concen: 50.175 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

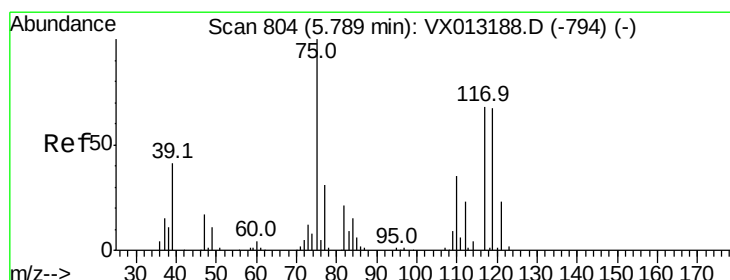
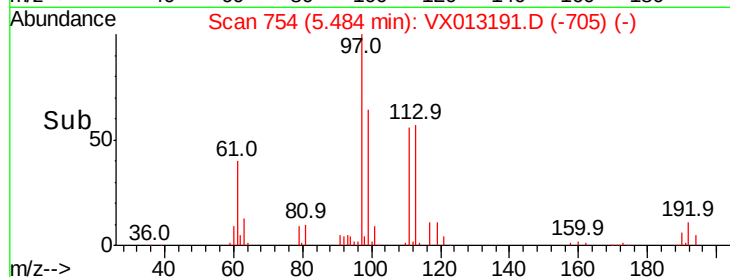
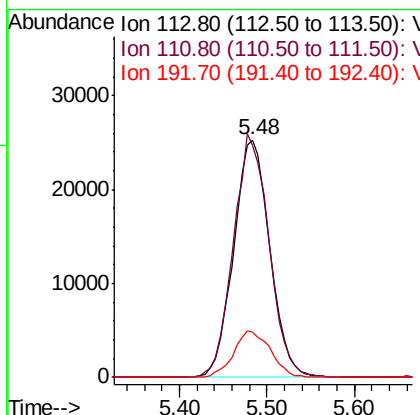
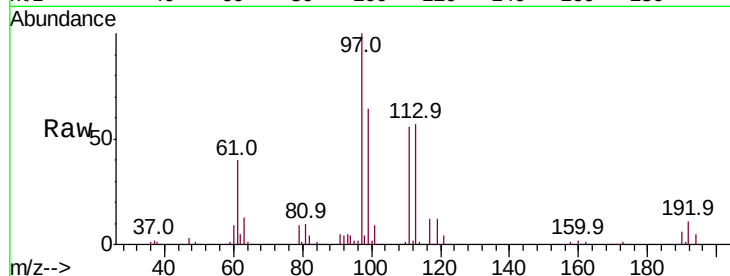
ClientSampleId :

ICVVX102419

Tot Ion:	113	Resp:	72609
Ion Ratio	Lower	Upper	
113	100		
111	101.3	80.3	120.5
192	19.9	15.9	23.9

Manual Integrations
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10/25/2019 4:33:03 PM



#36

1,1-Dichloropropene

Concen: 52.064 ug/l

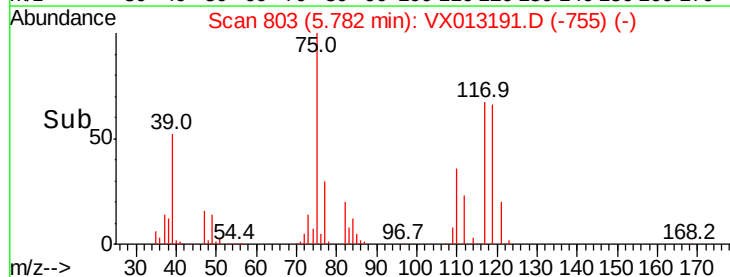
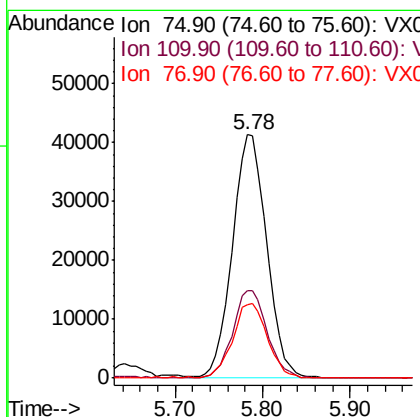
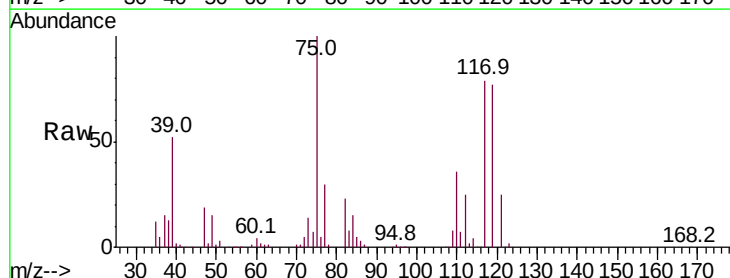
RT: 5.78 min Scan# 803

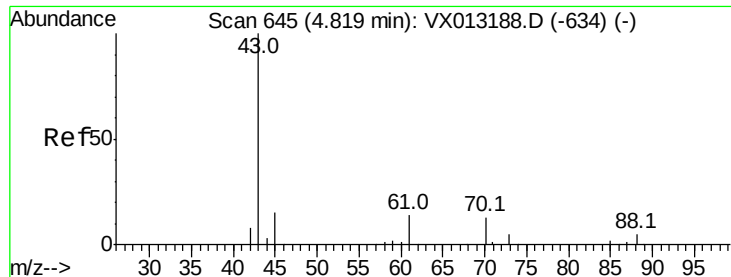
Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Tgt Ion:	75	Resp:	113087
Ion Ratio	Lower	Upper	
75	100		
110	35.9	17.6	52.9
77	30.9	24.7	37.1





#37

Ethyl Acetate

Concen: 49.627 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

Tot Ion: 43 Resp: 107319

Ion Ratio Lower Upper

43 100

61 15.2 12.1 18.1

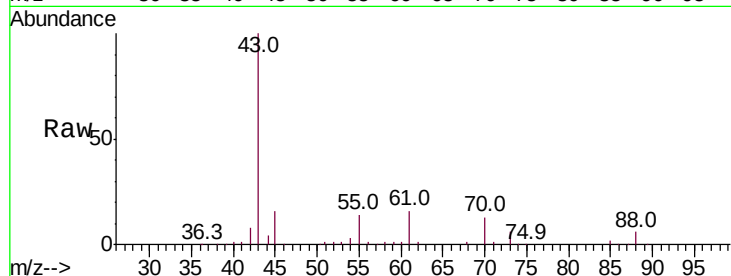
70 13.4 10.4 15.6

Manual Integrations

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MMDadoda

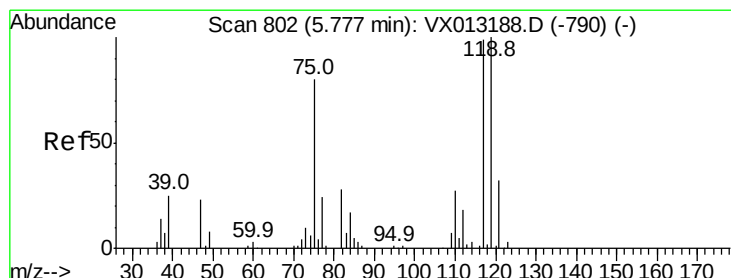
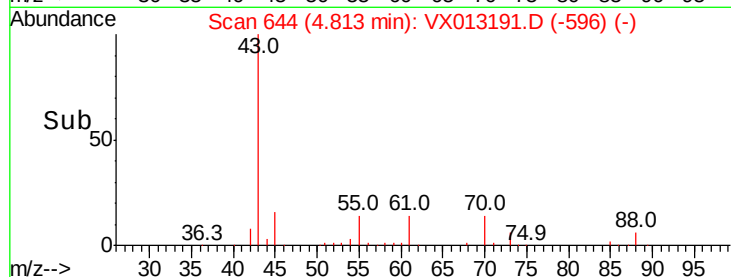
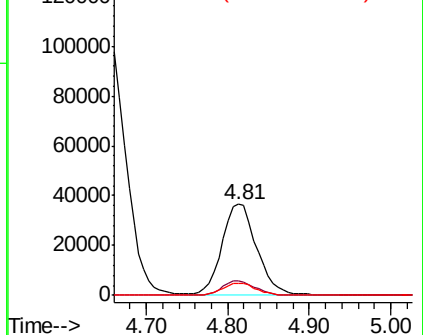
10/25/2019 4:33:03 PM



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: 49.624 ug/l

RT: 5.76 min Scan# 800

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

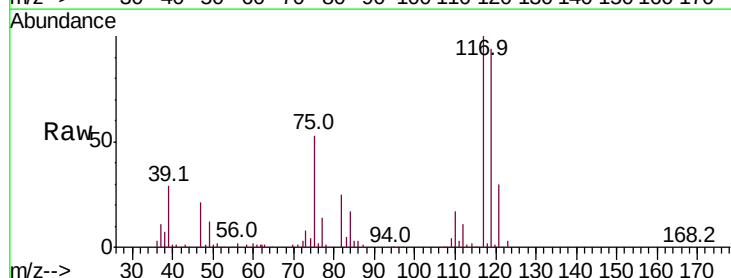
Tgt Ion: 117 Resp: 119030

Ion Ratio Lower Upper

117 100

119 94.1 80.1 120.1

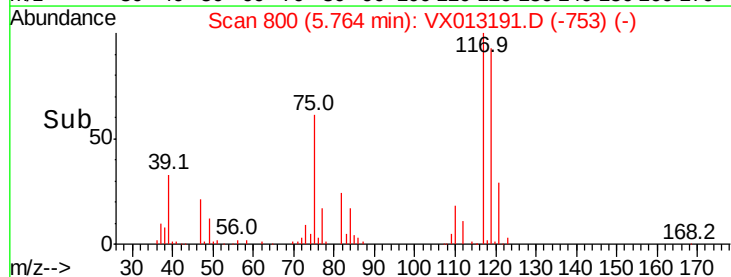
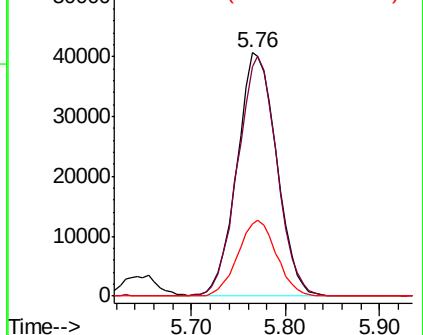
121 29.6 25.5 38.3

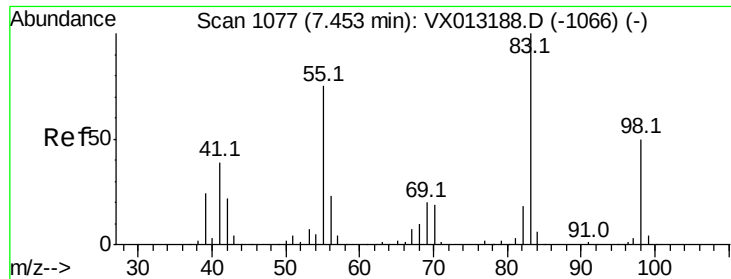


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





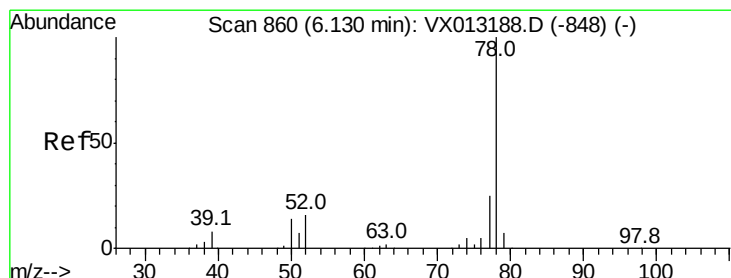
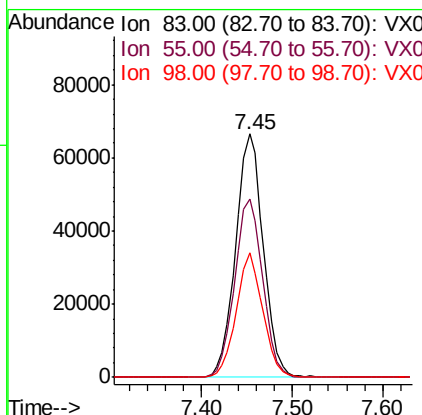
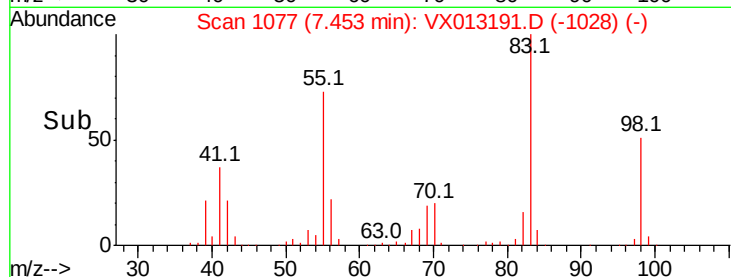
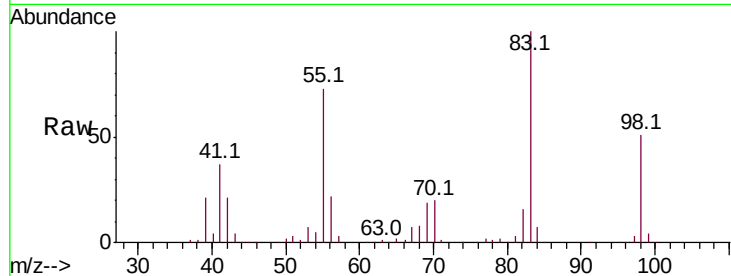
#39
Methylvlcyclohexane
Concen: 50.618 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	73.1	60.1	90.1	
98	50.9	39.8	59.8	

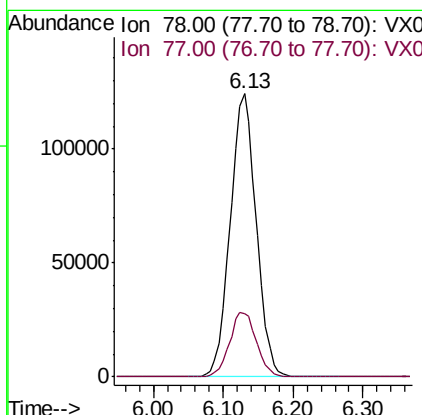
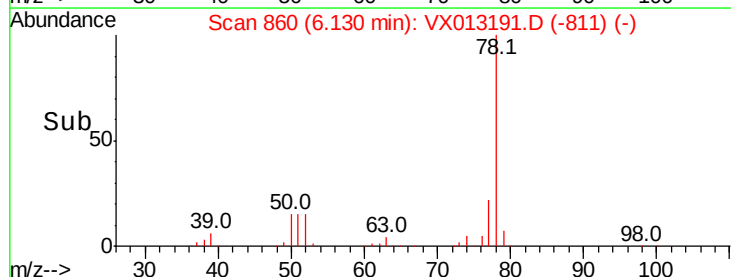
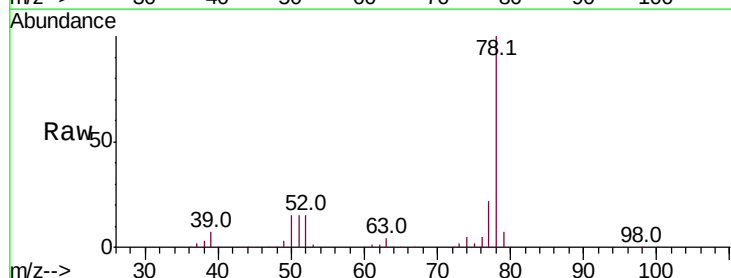
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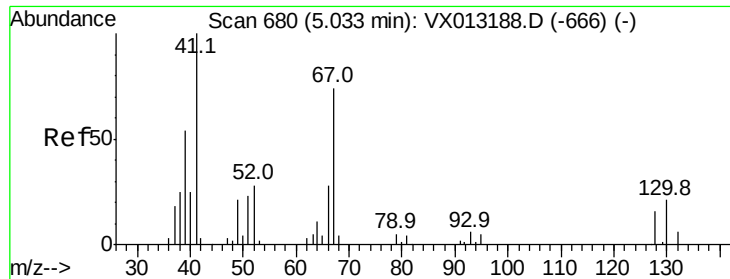
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#40
Benzene
Concen: 49.197 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.4	19.6	29.4	





#41

Methacrylonitrile

Concen: 52.082 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

Tot Ion: 41 Resp: 60383

Ion Ratio Lower Upper

41 100

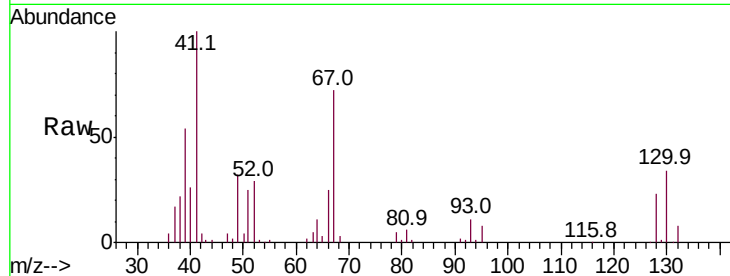
39 55.2 45.2 67.8

67 75.8 61.3 91.9

52 31.0 25.1 37.7

Manual Integrations
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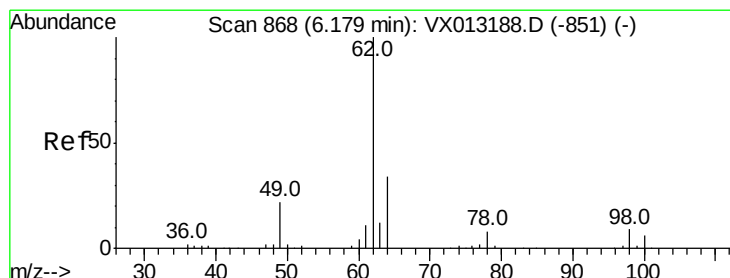
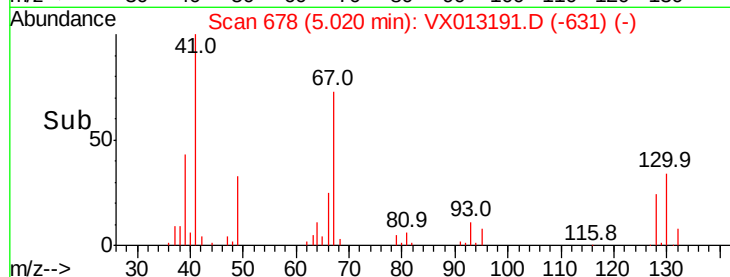
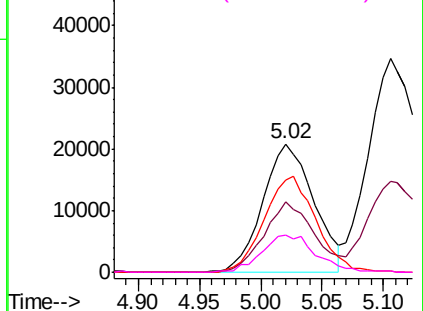


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.820 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX013191.D

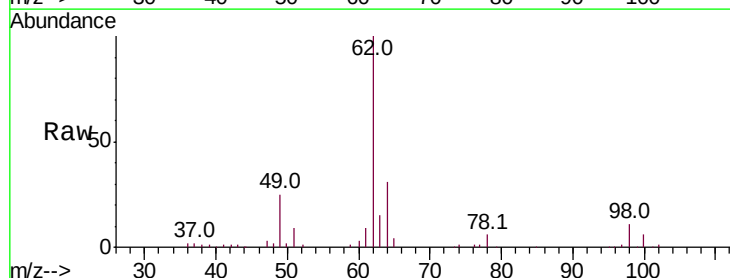
Acq: 23 Oct 2019 16:26

Tgt Ion: 62 Resp: 119978

Ion Ratio Lower Upper

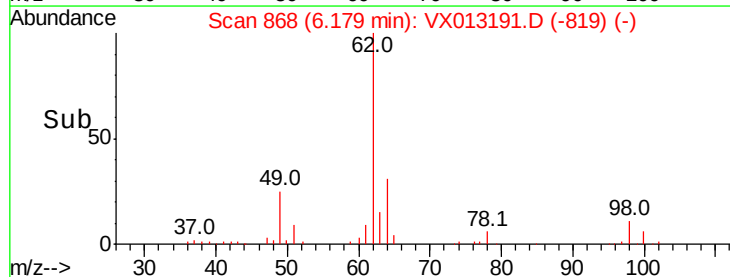
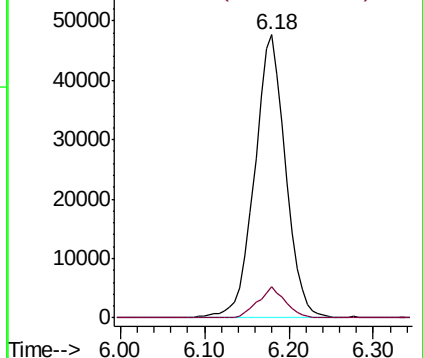
62 100

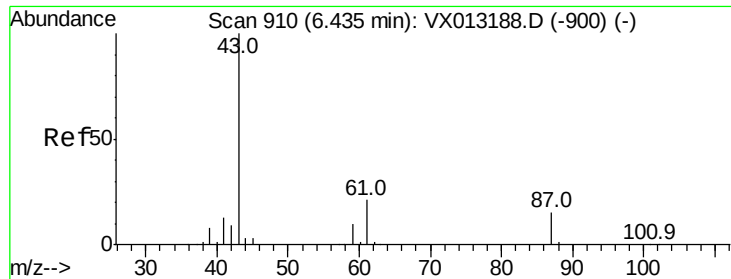
98 9.8 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.769 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

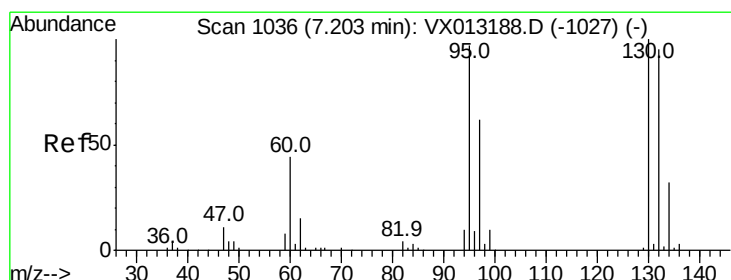
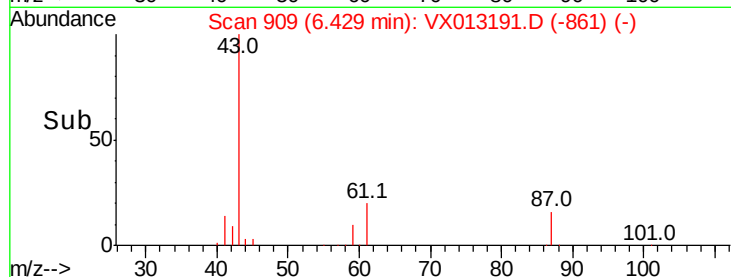
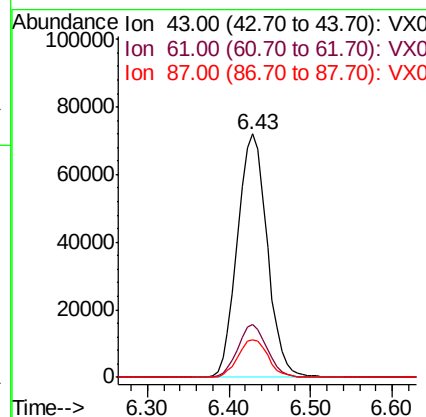
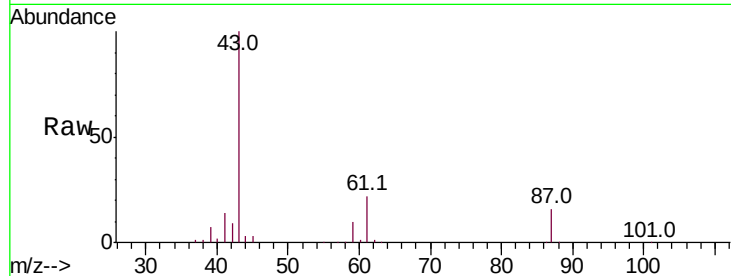
ClientSampleId :

ICVVX102419

Tot Ion:	43	Resp:	182284
Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.0	25.4
87	15.6	12.1	18.1

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#44

Trichloroethene

Concen: 48.649 ug/l

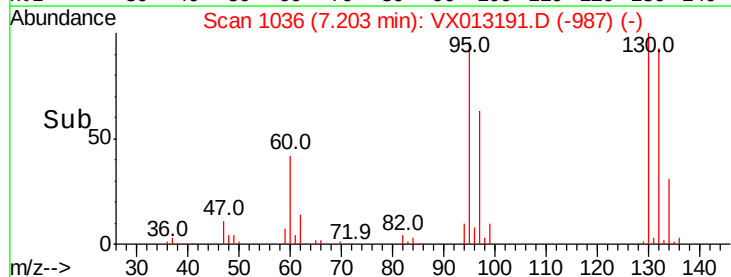
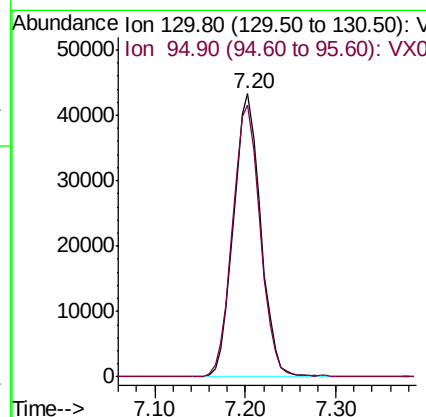
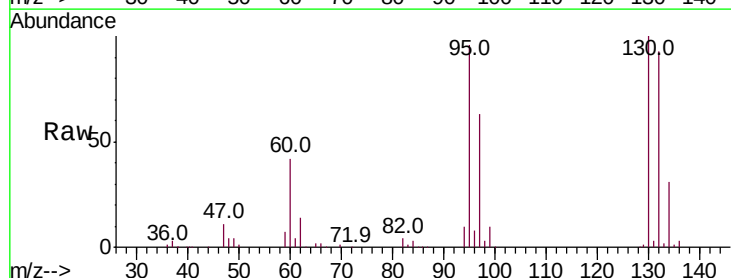
RT: 7.20 min Scan# 1036

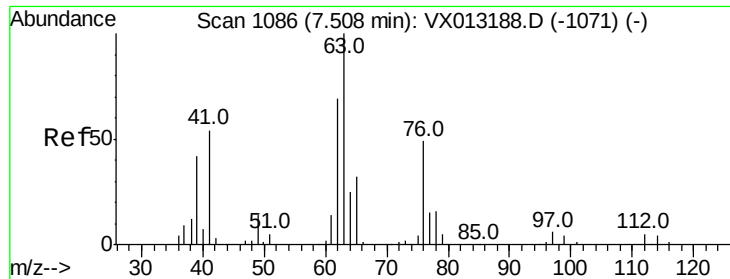
Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Tgt Ion:	130	Resp:	89998
Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	193.6





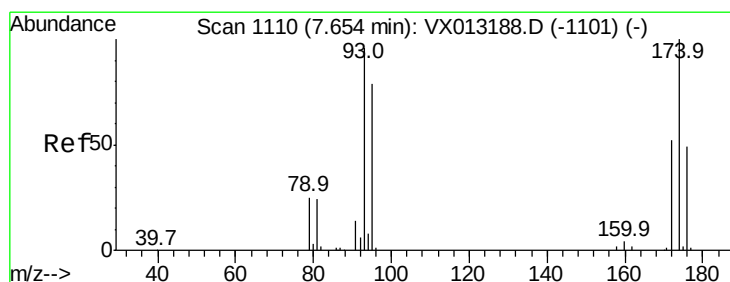
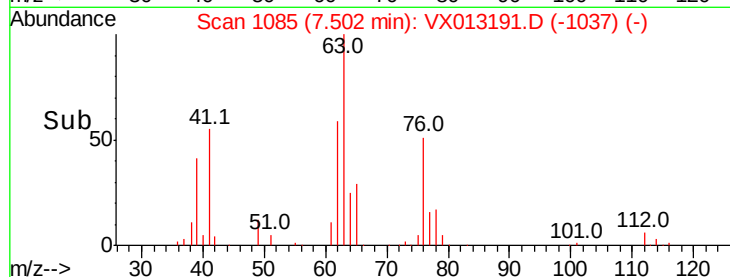
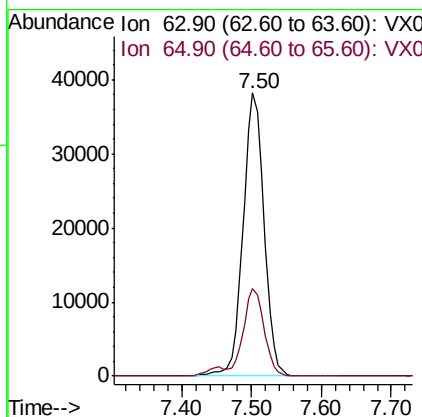
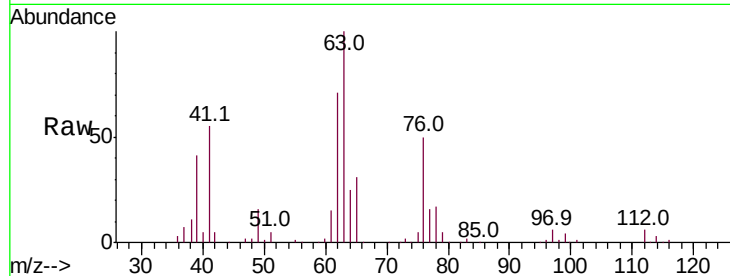
#45
 1,2-Dichloropropane
 Concen: 48.784 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

Tot Ion: 63 Resp: 79643
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.3 37.9

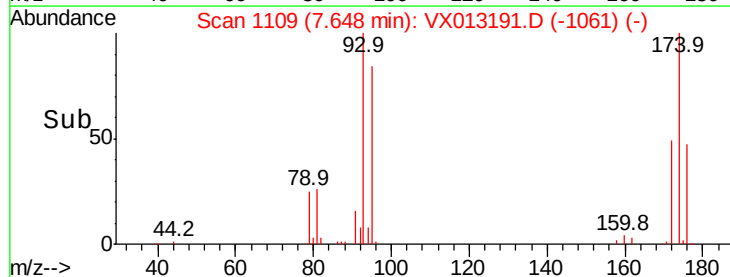
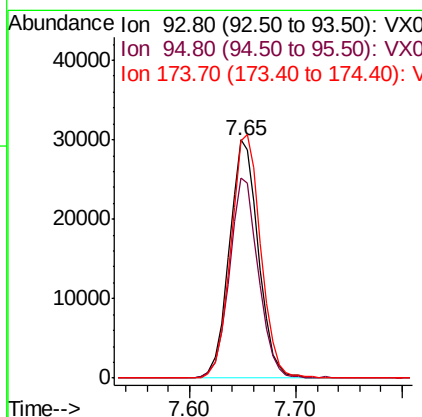
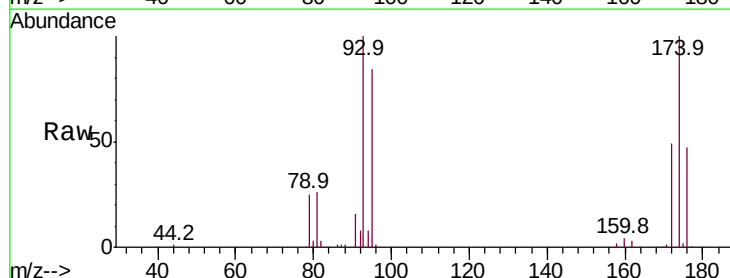
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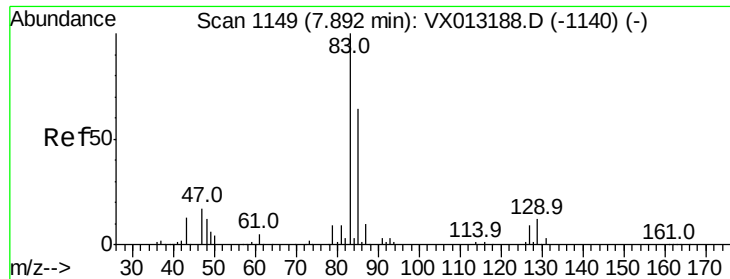
MMDadoda
 10/25/2019 4:33:03 PM



#46
 Dibromomethane
 Concen: 48.746 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion: 93 Resp: 57335
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.2 99.4
 174 105.1 85.2 127.8





#47

Bromodichloromethane

Concen: 51.470 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

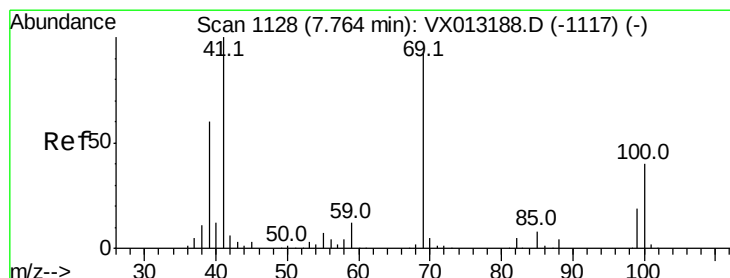
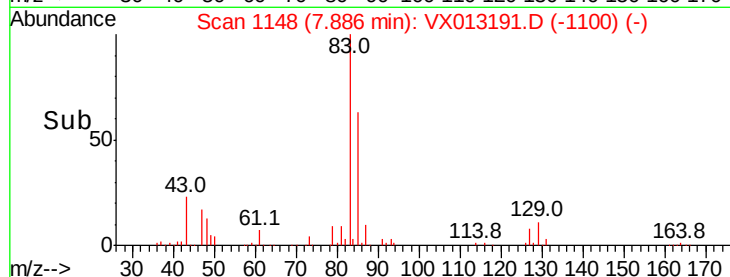
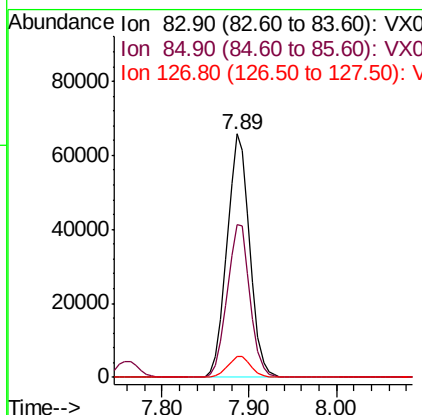
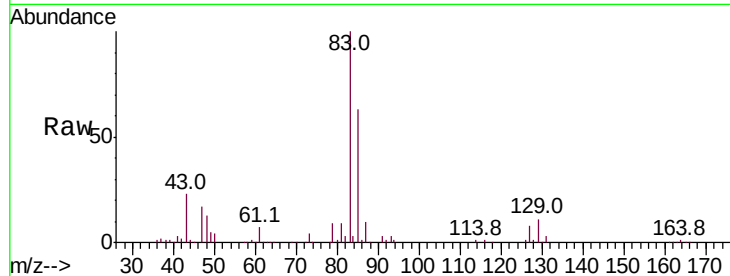
ClientSampleId :

ICVVX102419

Tot Ion:	83	Resp:	117979
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.0	76.6
127	8.3	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.762 ug/l

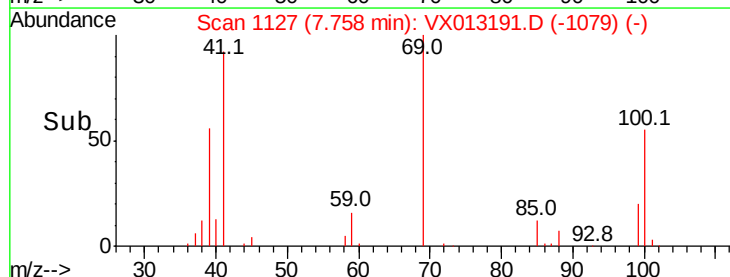
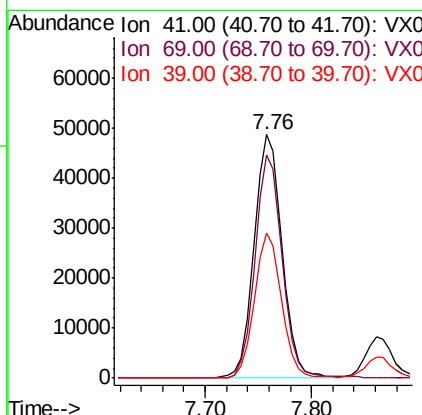
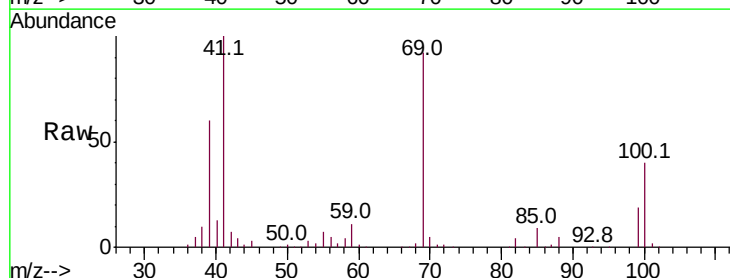
RT: 7.76 min Scan# 1127

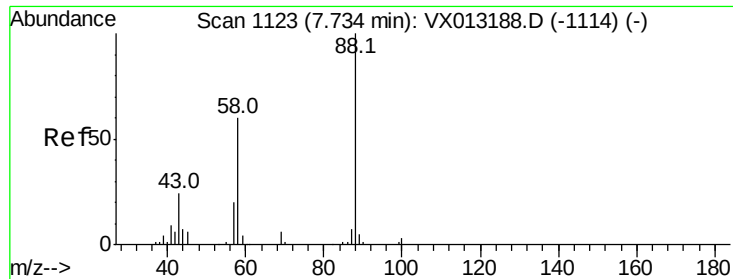
Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Tgt Ion:	41	Resp:	90082
Ion	Ratio	Lower	Upper
41	100		
69	88.3	72.0	108.0
39	57.6	47.4	71.0





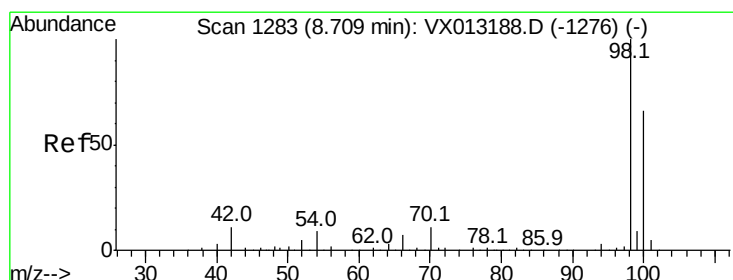
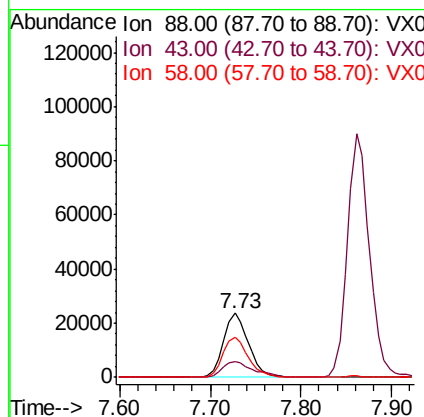
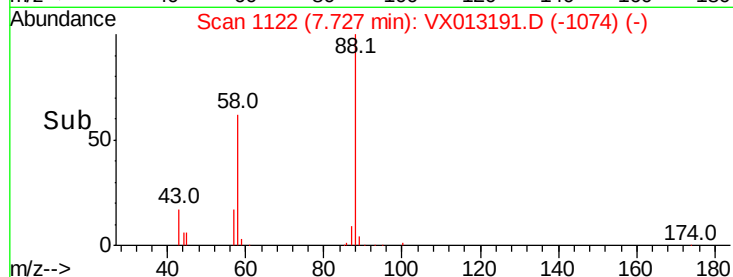
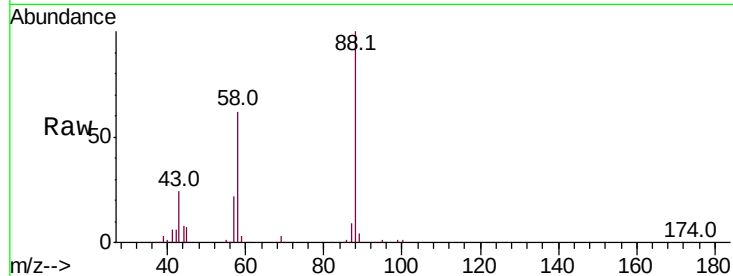
#49
1,4-Dioxane
Concen: 1006.394 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	24.5	36.7
58	64.7	54.1	81.1

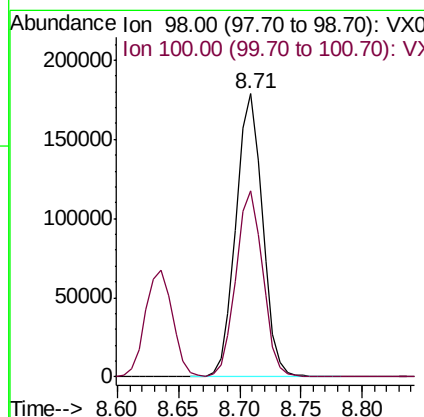
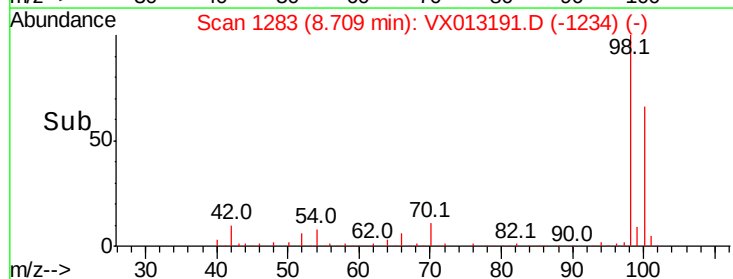
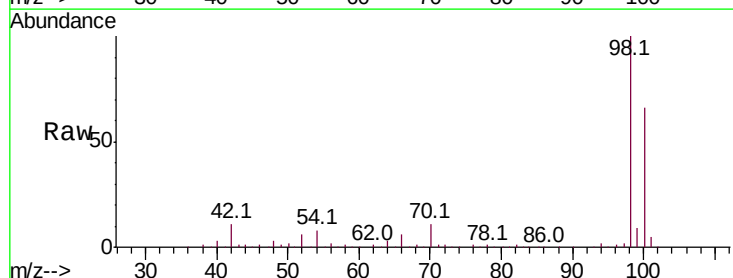
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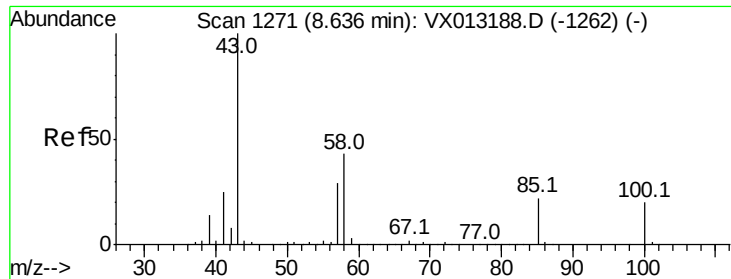
MMDadoda
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#50
Toluene-d8
Concen: 50.150 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 249.379 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

Tot Ion: 43 Resp: 545761

Ion Ratio Lower Upper

43 100

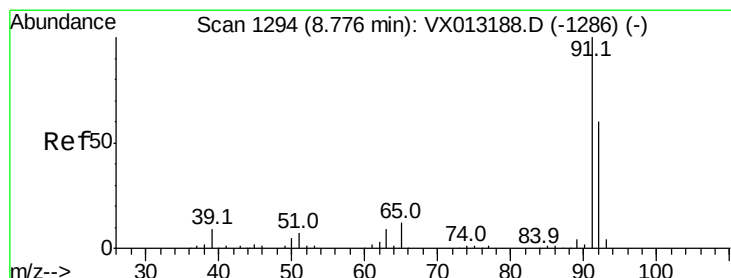
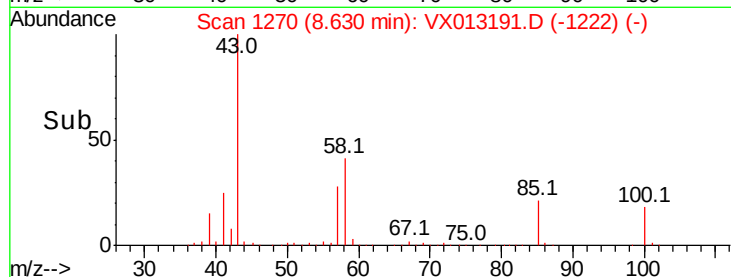
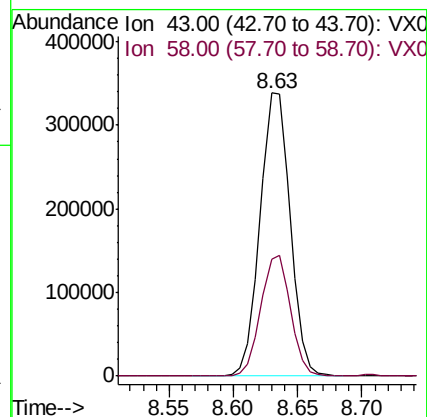
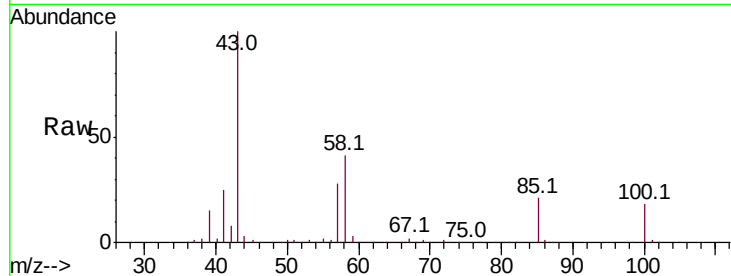
58 42.1 33.9 50.9

Manual Integrations

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#52

Toluene

Concen: 48.983 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX013191.D

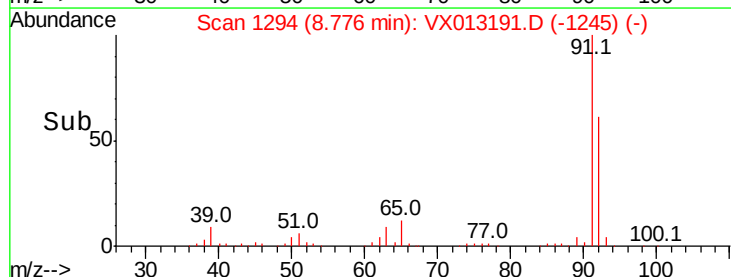
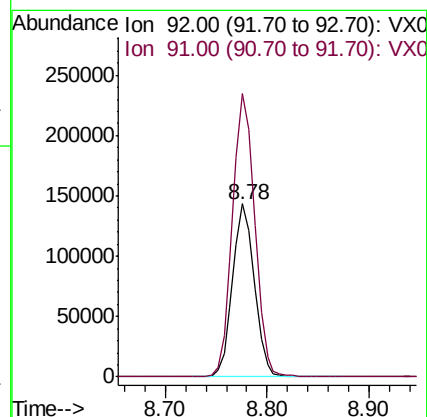
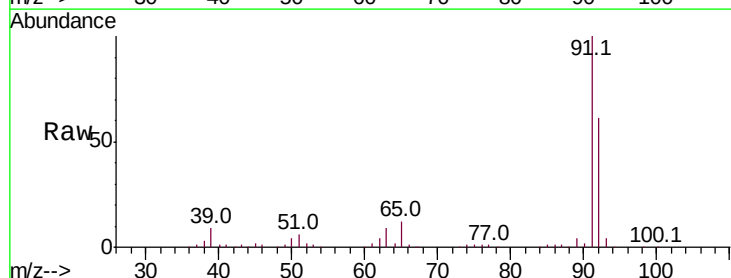
Acq: 23 Oct 2019 16:26

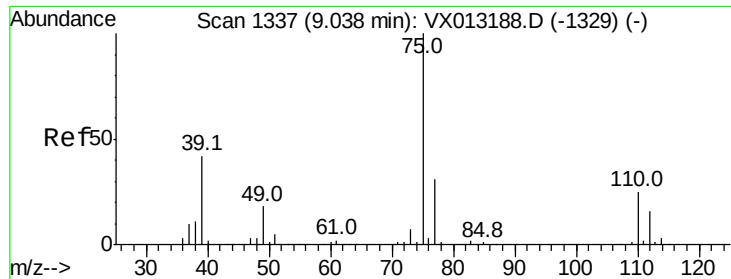
Tgt Ion: 92 Resp: 211590

Ion Ratio Lower Upper

92 100

91 167.4 133.9 200.9





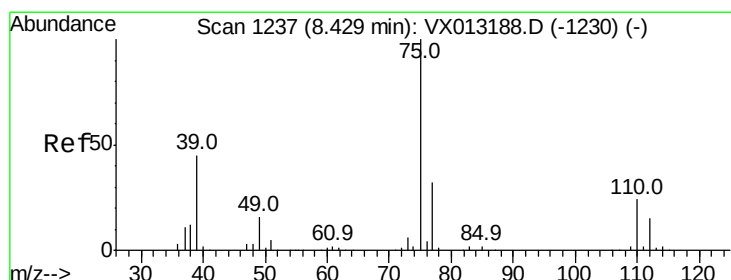
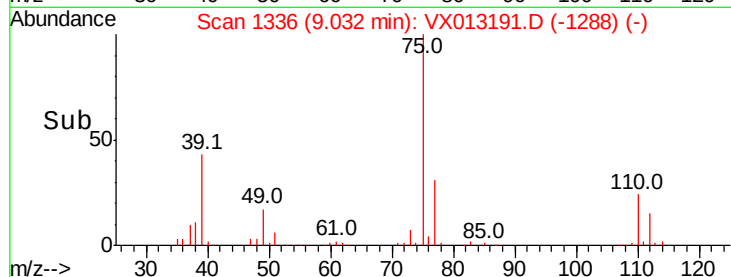
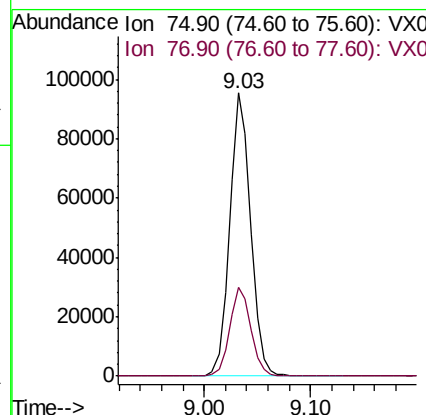
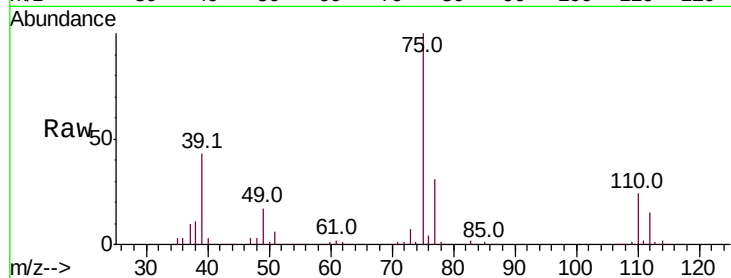
#53
t-1,3-Dichloropropene
Concen: 53.909 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion: 75 Resp: 131315
Ion Ratio Lower Upper
75 100
77 31.3 24.7 37.1

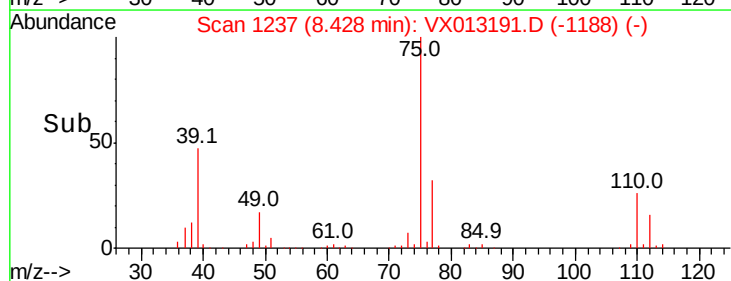
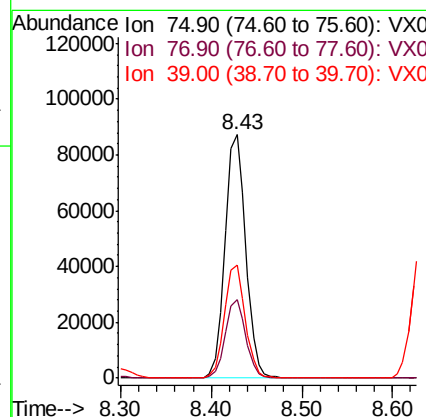
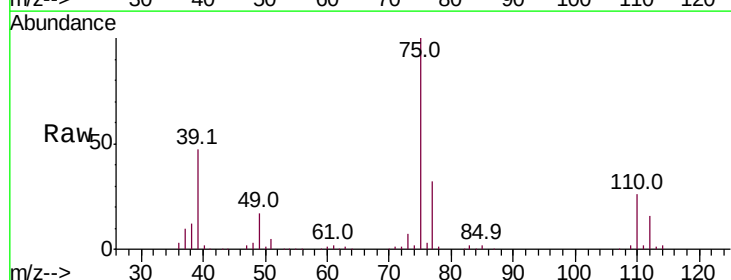
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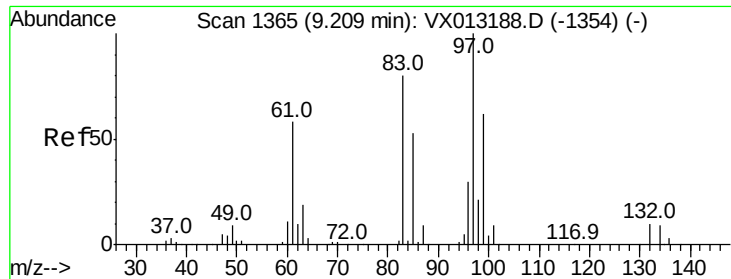
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.344 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion: 75 Resp: 139479
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 46.5 36.2 54.4





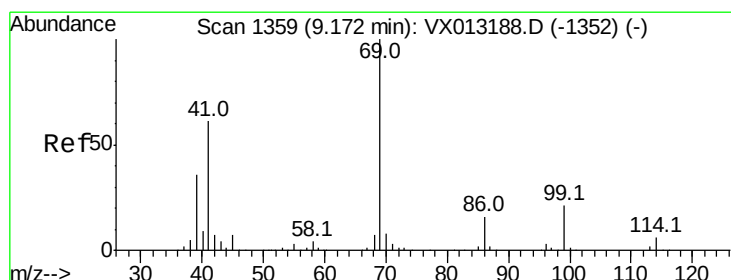
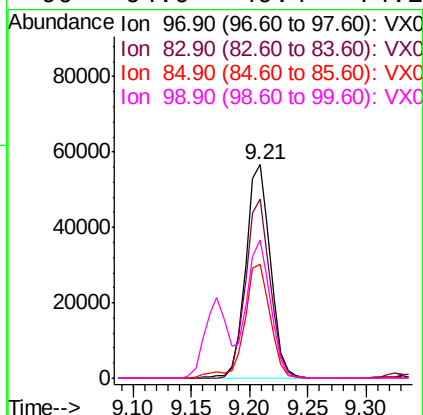
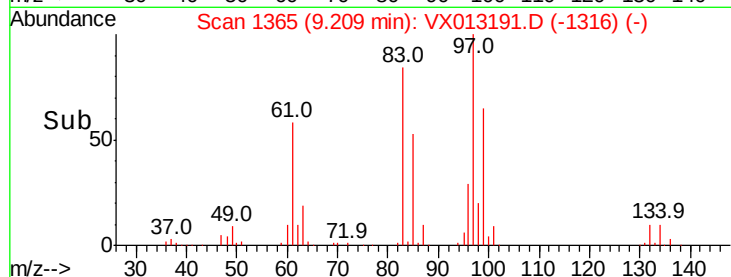
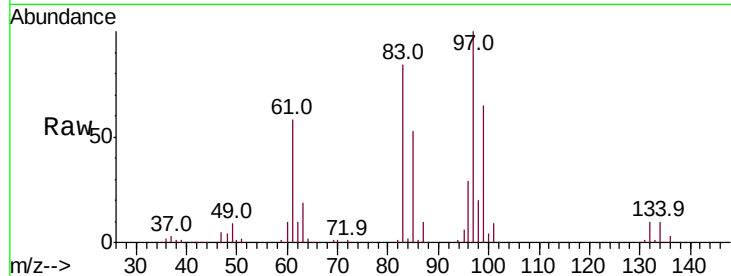
#55
1,1,2-Trichloroethane
Concen: 48.931 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.2	64.1	96.1
85	53.2	42.1	63.1
99	64.9	49.4	74.2

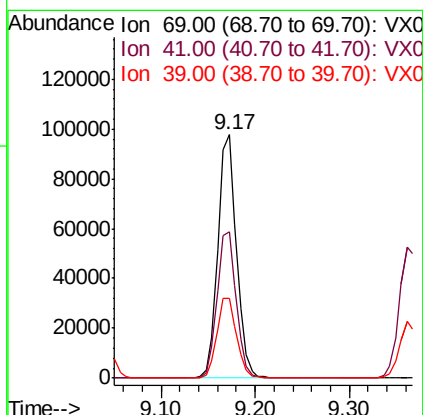
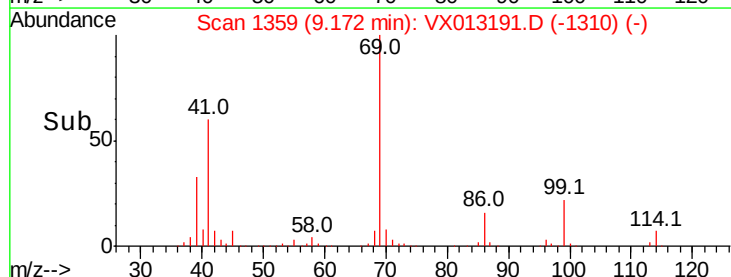
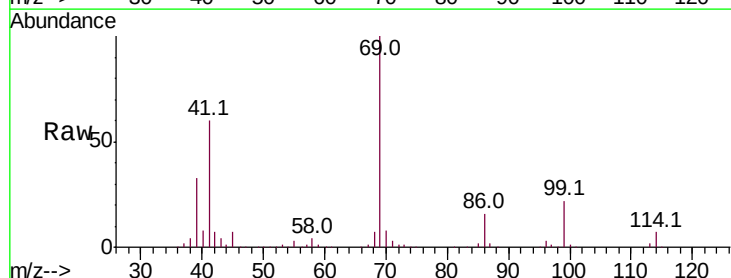
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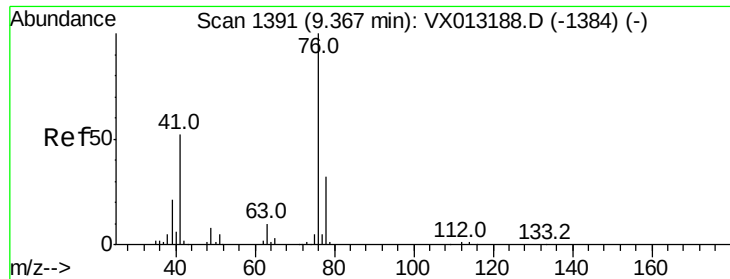
MMDadoda
10/25/2019 4:33:03 PM



#56
Ethyl methacrylate
Concen: 52.107 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.9	49.5	74.3
39	34.6	28.3	42.5





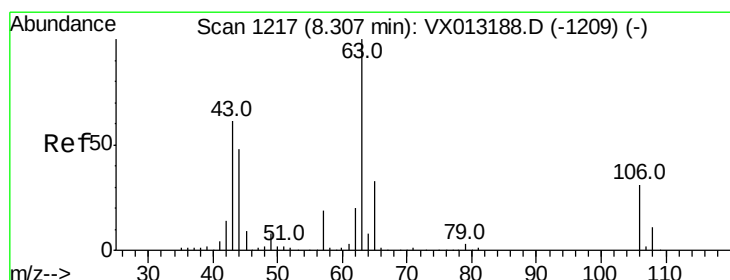
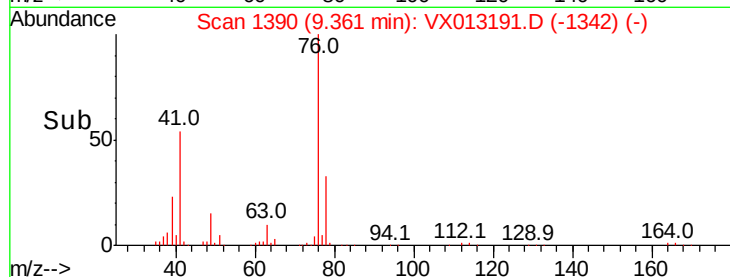
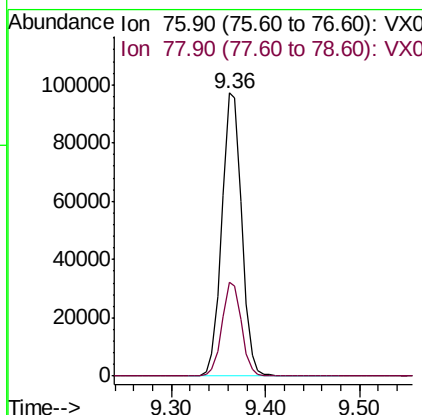
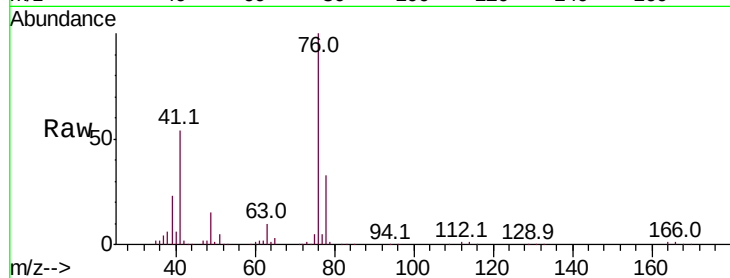
#57
 1,3-Dichloropropane
 Concen: 49.243 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

Tot Ion: 76 Resp: 141900
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1

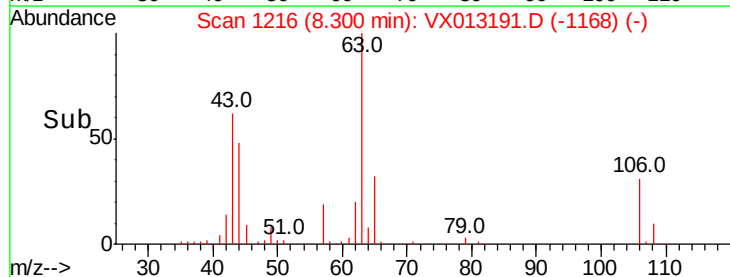
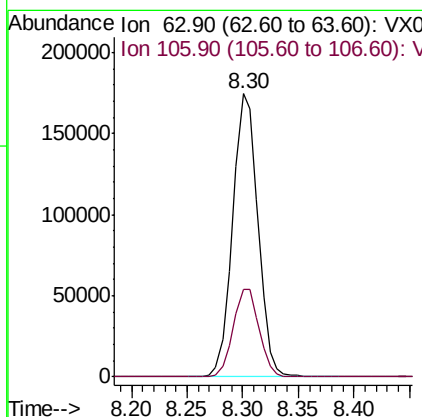
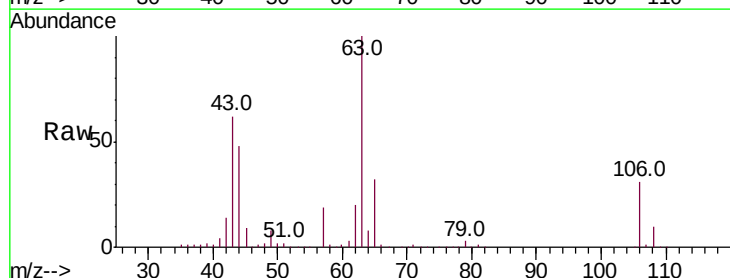
Manual Integrations
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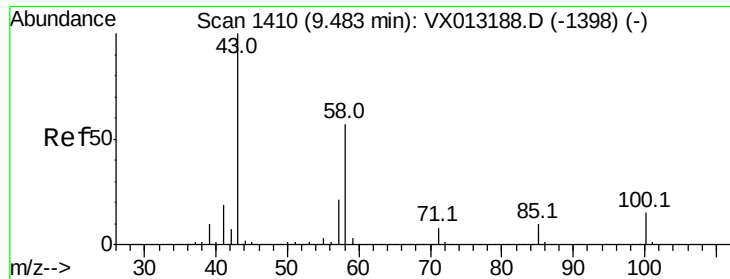
MMDadoda
 10/25/2019 4:33:03 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.895 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion: 63 Resp: 273705
 Ion Ratio Lower Upper
 63 100
 106 31.9 25.4 38.0





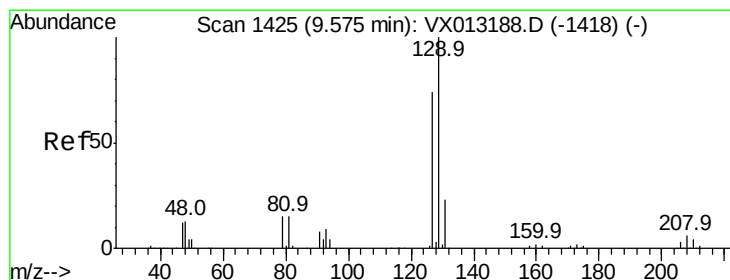
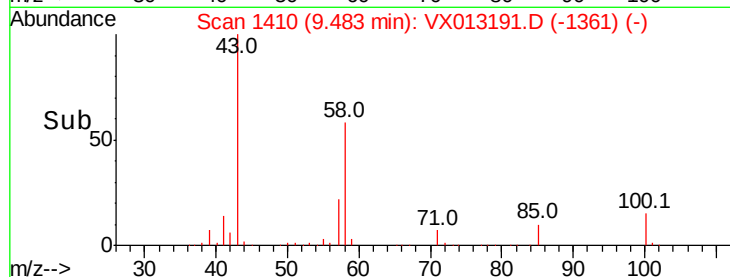
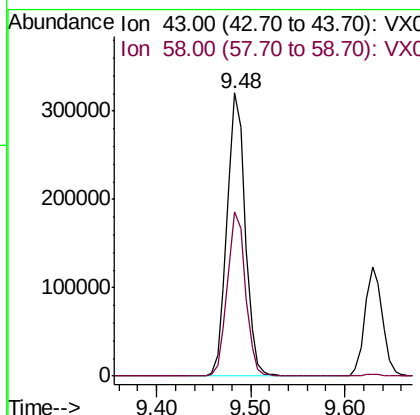
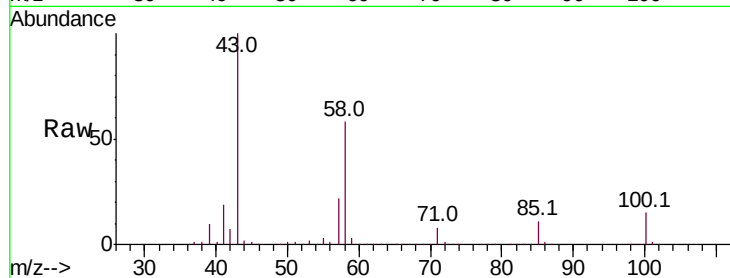
#59
2-Hexanone
Concen: 256.767 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion: 43 Resp: 432850
Ion Ratio Lower Upper
43 100
58 57.9 28.2 84.7

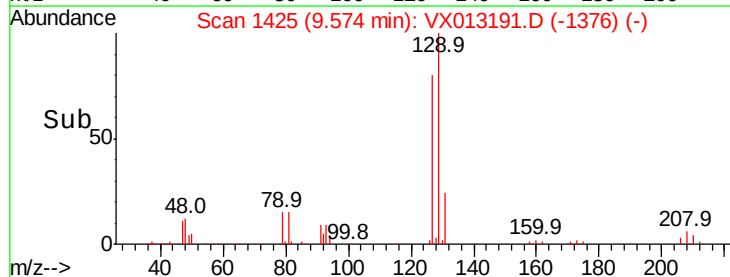
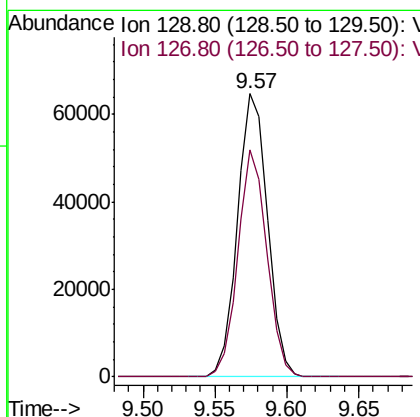
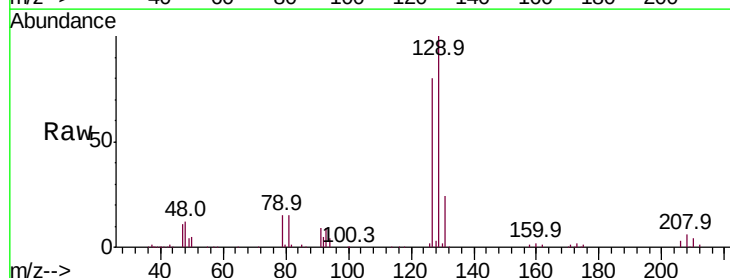
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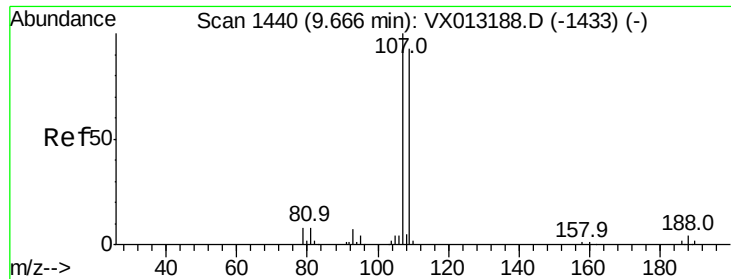
MMDadoda
10/25/2019 4:33:03 PM



#60
Dibromochloromethane
Concen: 52.558 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion:129 Resp: 94055
Ion Ratio Lower Upper
129 100
127 77.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 48.948 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

Tot Ion:107 Resp: 88746

Ion Ratio Lower Upper

107 100

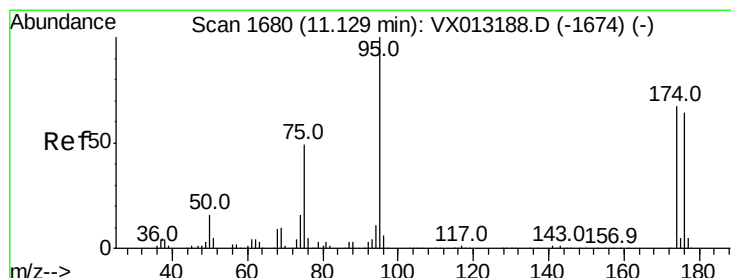
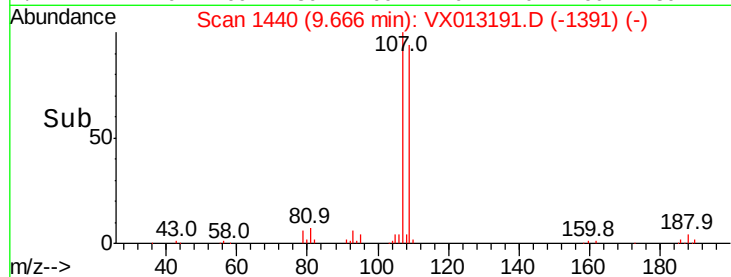
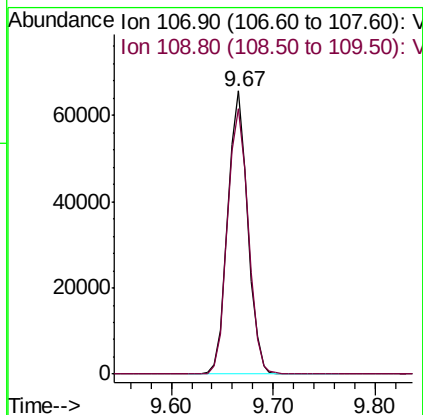
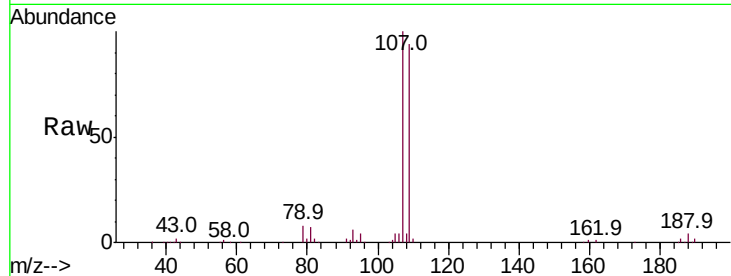
109 97.4 75.7 113.5

Manual Integrations

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MMDadoda

10/25/2019 4:33:03 PM



#62

4-Bromofluorobenzene

Concen: 50.125 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

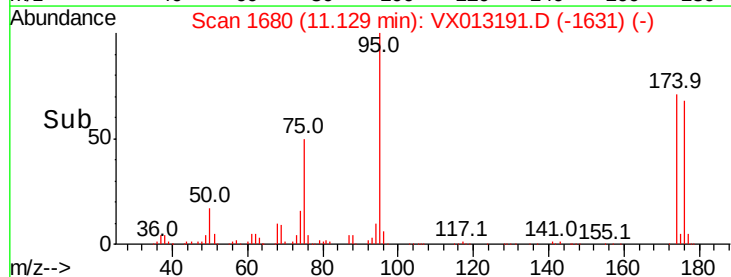
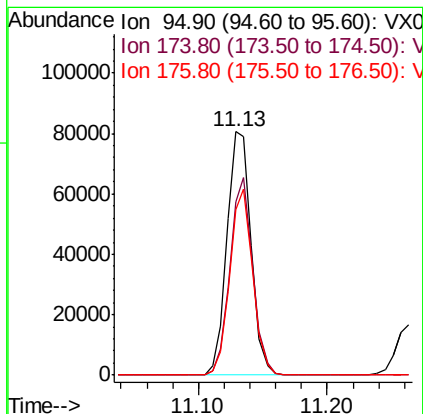
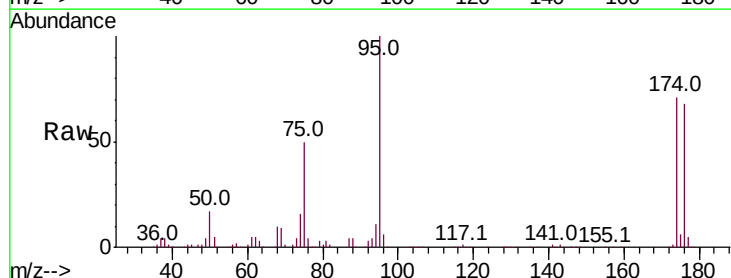
Tgt Ion: 95 Resp: 106397

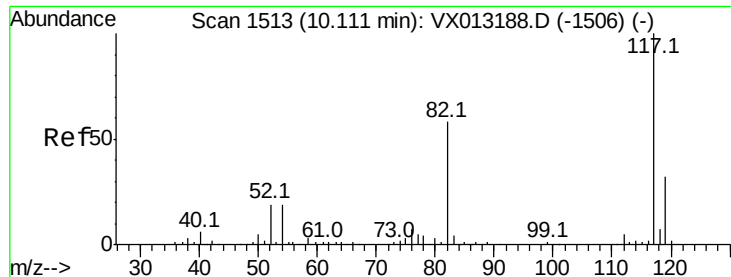
Ion Ratio Lower Upper

95 100

174 76.5 0.0 152.4

176 72.4 0.0 146.0





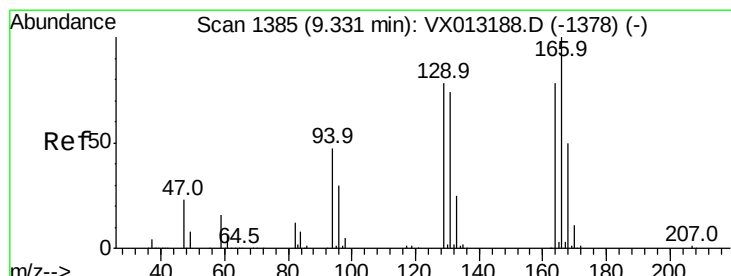
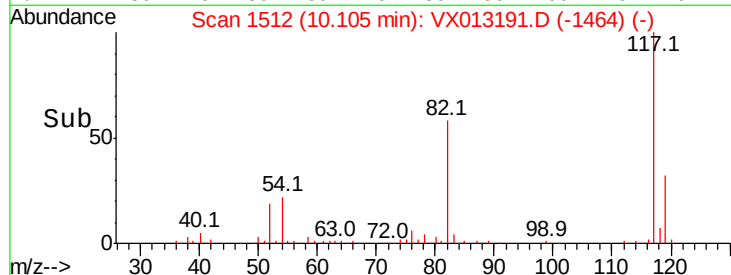
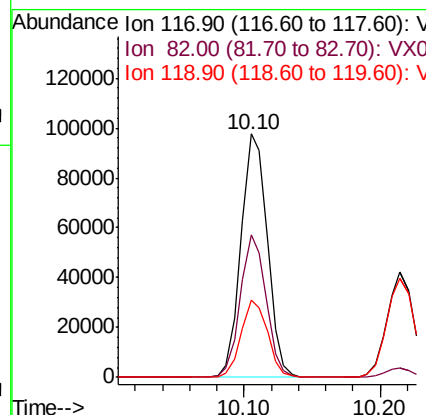
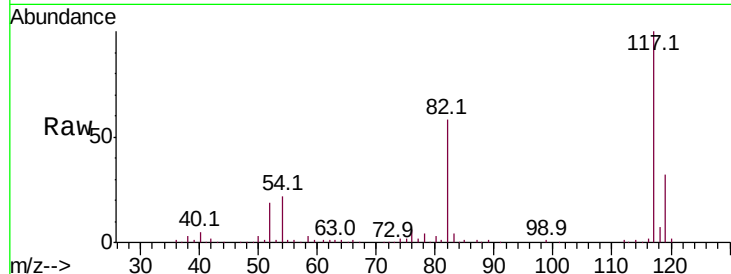
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.5	69.7
119	31.6	25.2	37.8

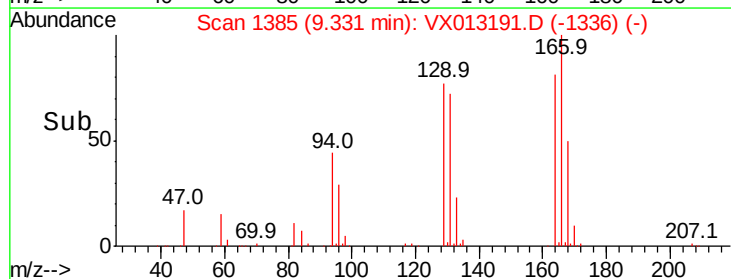
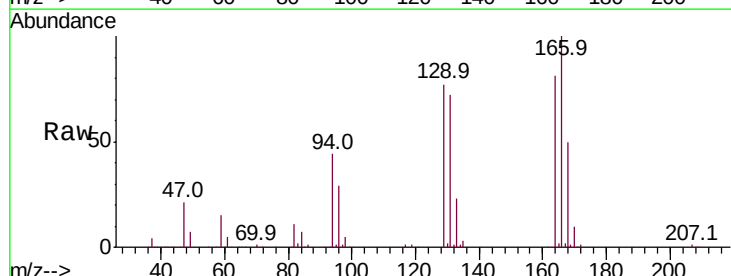
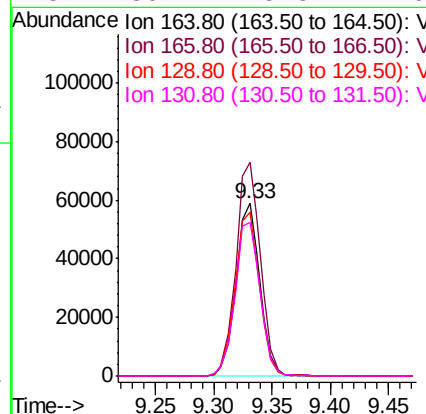
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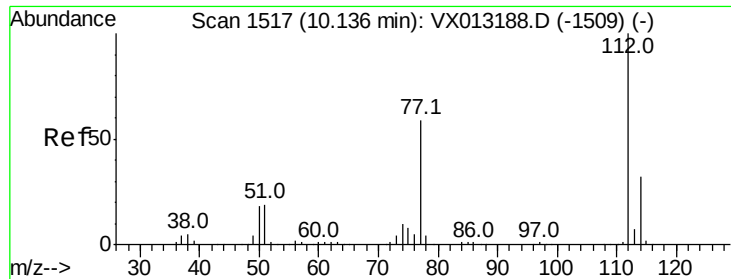
MMDadoda
10/25/2019 4:33:03 PM



#64
Tetrachloroethene
Concen: 51.334 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.0	102.2	153.4
129	95.1	79.8	119.8
131	89.4	75.3	112.9





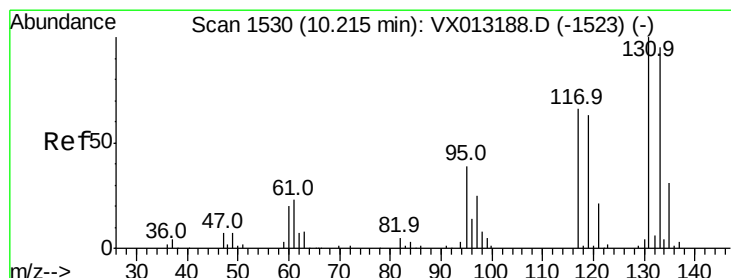
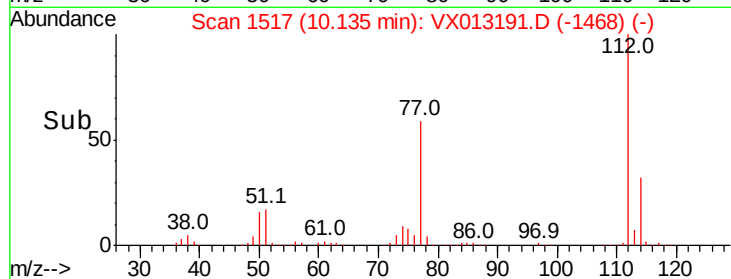
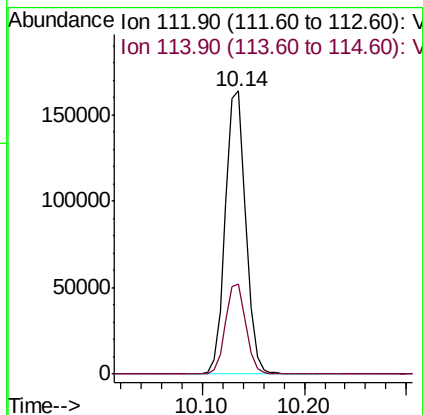
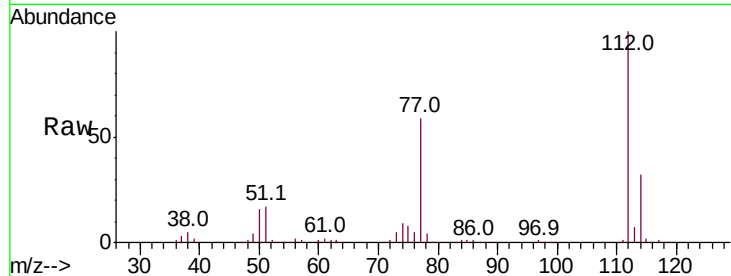
#65
Chlorobenzene
Concen: 48.978 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion:112 Resp: 227160
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8

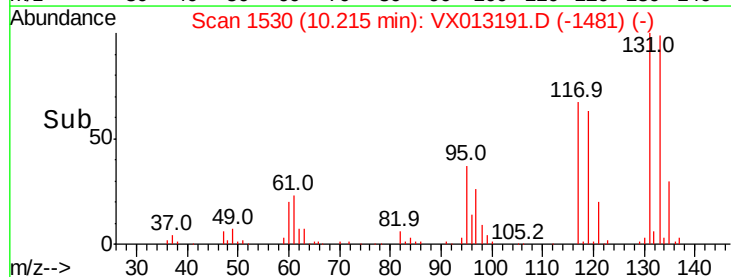
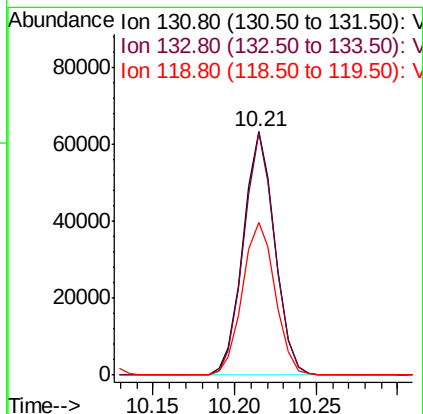
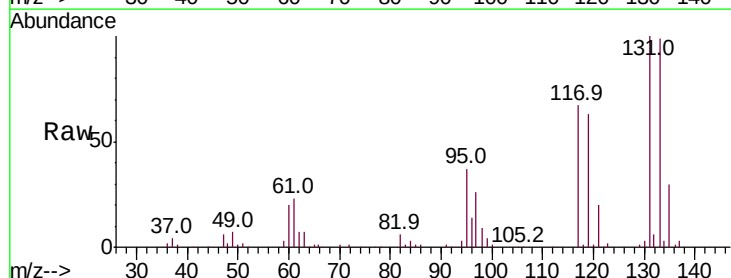
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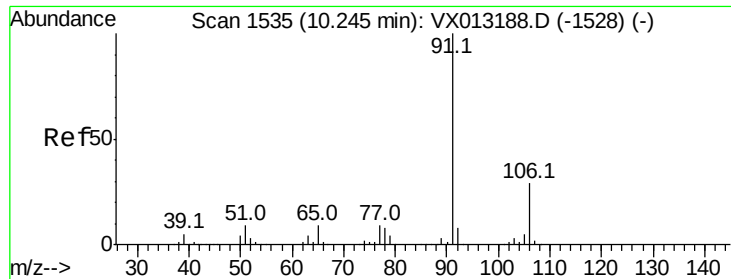
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.939 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion:131 Resp: 85562
Ion Ratio Lower Upper
131 100
133 97.6 48.4 145.2
119 64.7 32.4 97.0





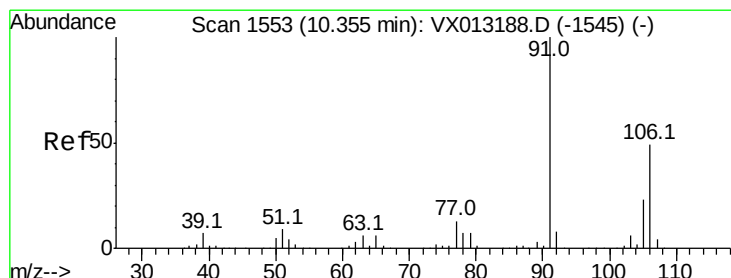
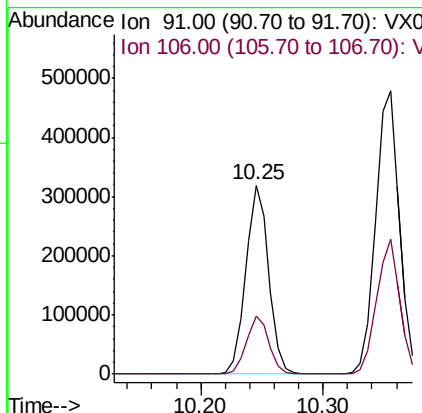
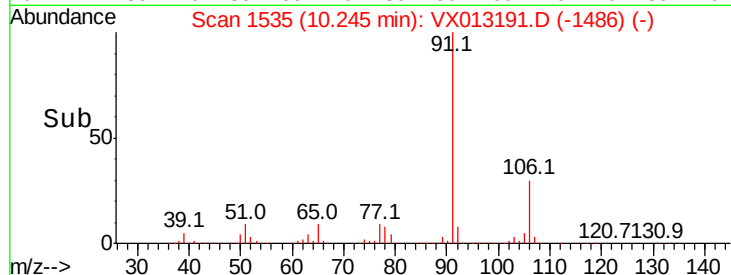
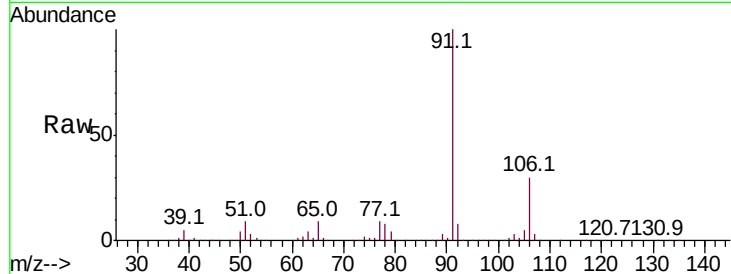
#67
Ethyl Benzene
Concen: 49.851 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion: 91 Resp: 413917
Ion Ratio Lower Upper
91 100
106 30.5 23.5 35.3

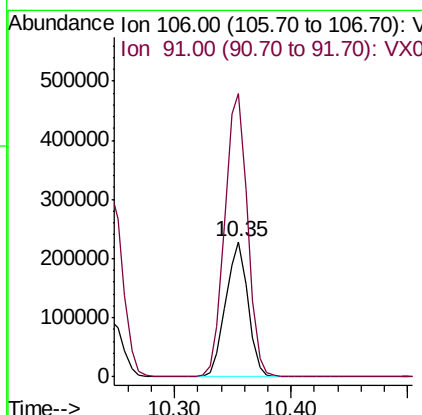
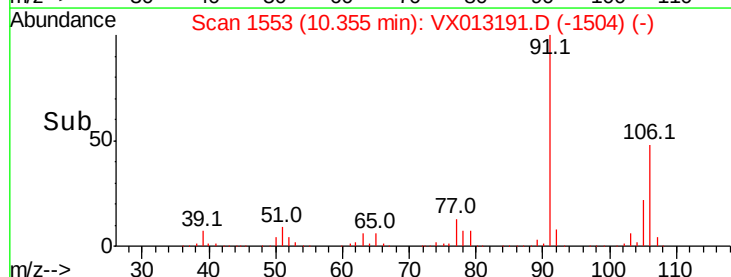
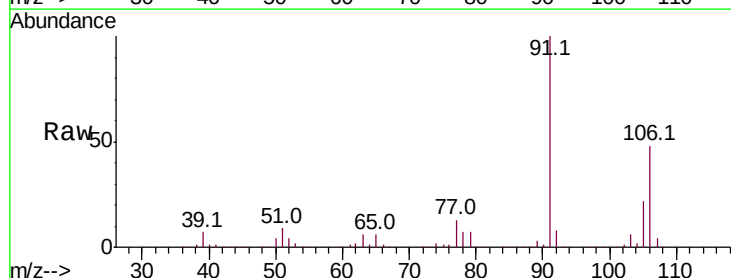
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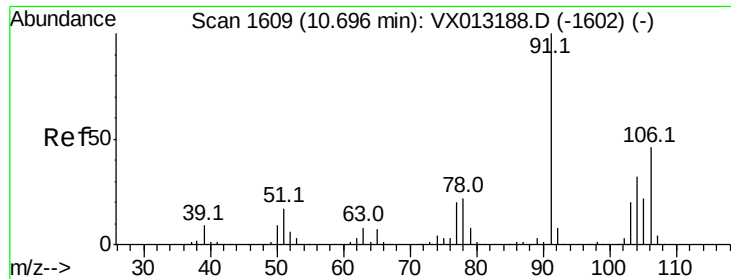
MMDadoda
10/25/2019 4:33:03 PM



#68
m/p-Xylenes
Concen: 96.257 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion: 106 Resp: 302044
Ion Ratio Lower Upper
106 100
91 214.9 166.8 250.2





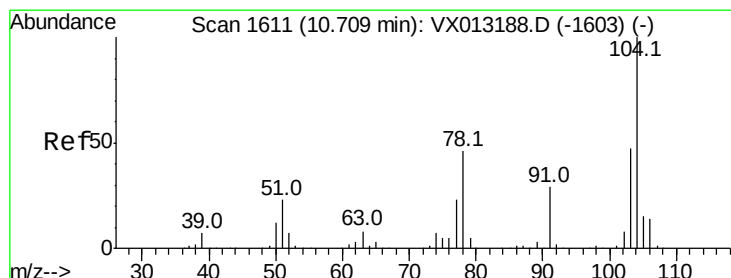
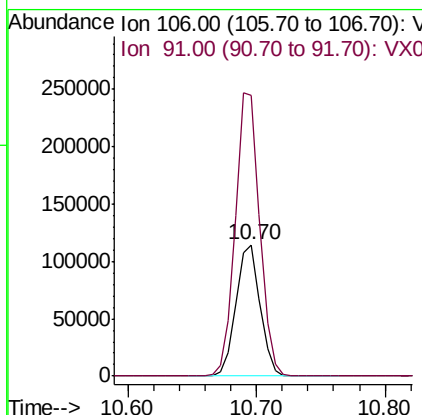
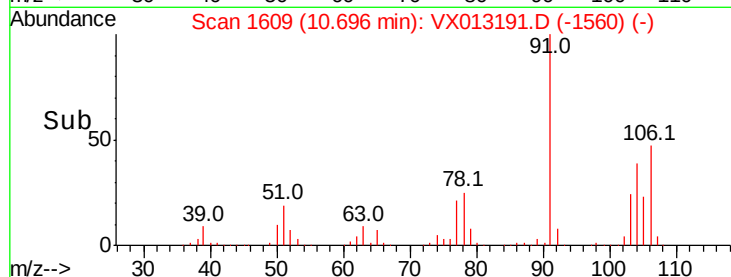
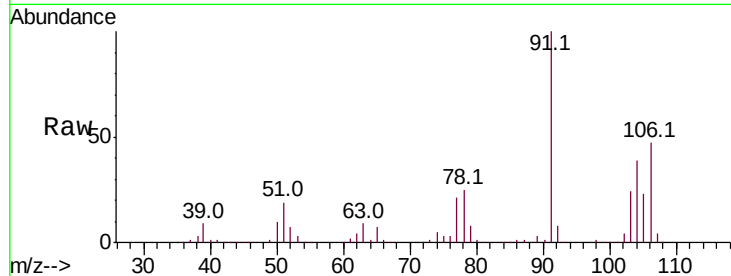
#69
o-Xylene
Concen: 49.719 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion:106 Resp: 149661
Ion Ratio Lower Upper
106 100
91 218.0 110.7 331.9

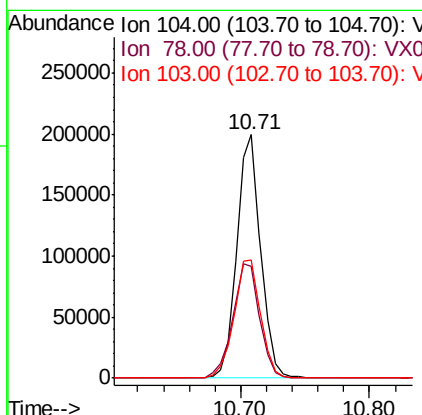
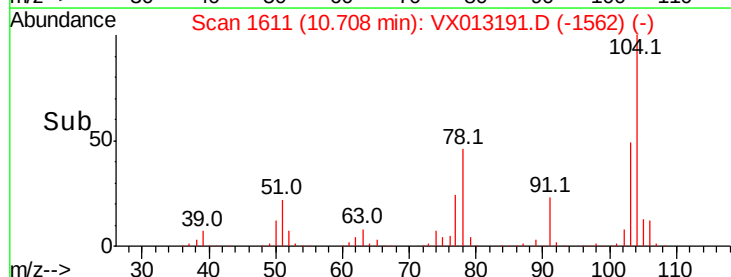
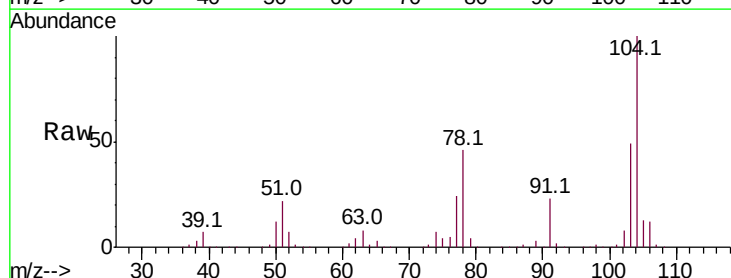
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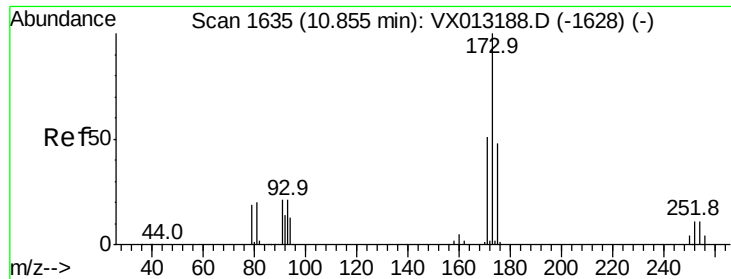
MMDadoda
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#70
Styrene
Concen: 49.409 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion:104 Resp: 256097
Ion Ratio Lower Upper
104 100
78 53.2 42.2 63.4
103 54.5 42.8 64.2





#71

Bromoform

Concen: 53.665 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

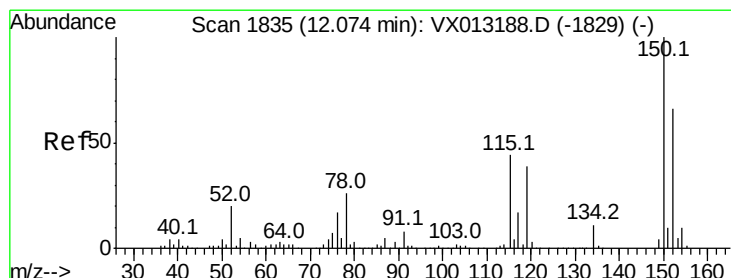
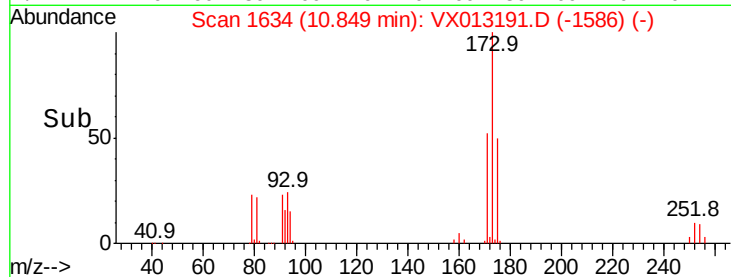
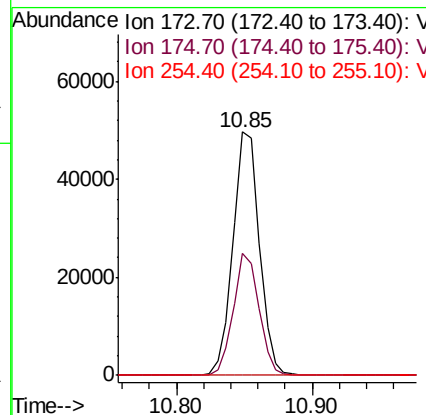
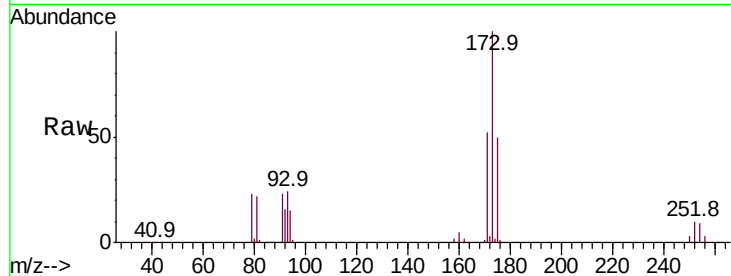
ClientSampleId :

ICVVX102419

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	72.8
254	0.0	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

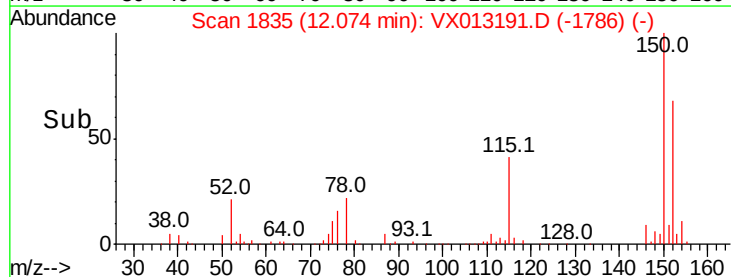
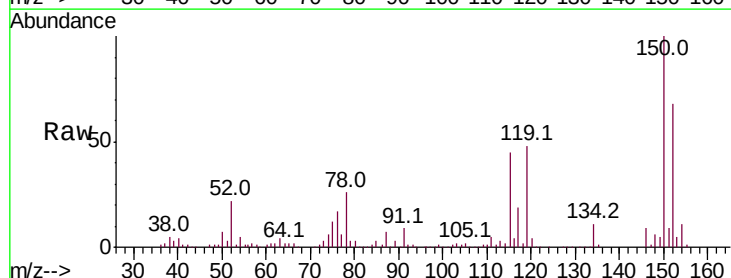
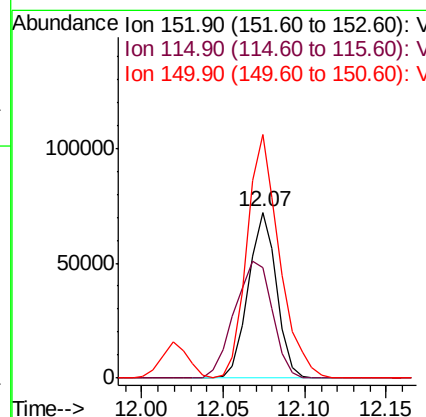
RT: 12.07 min Scan# 1835

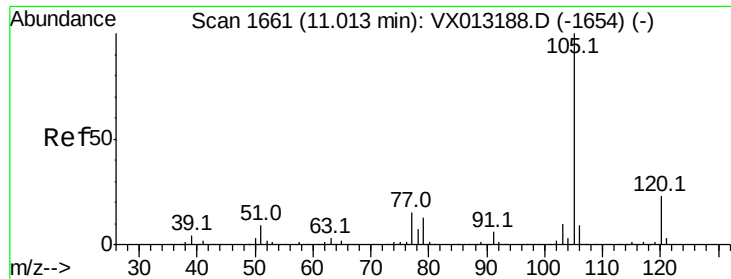
Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	94.7	46.6	139.8
150	168.5	0.0	354.0





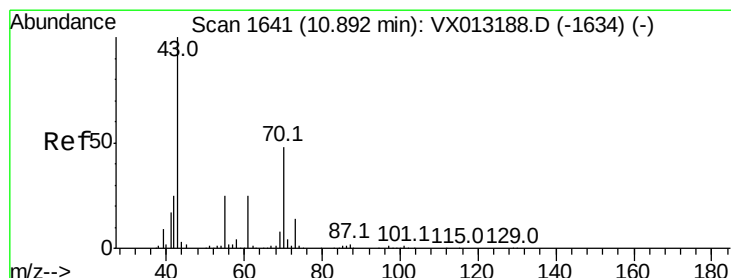
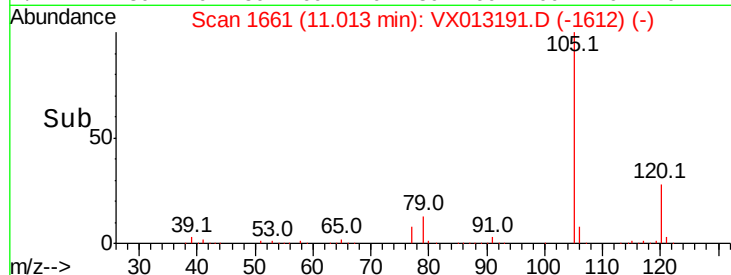
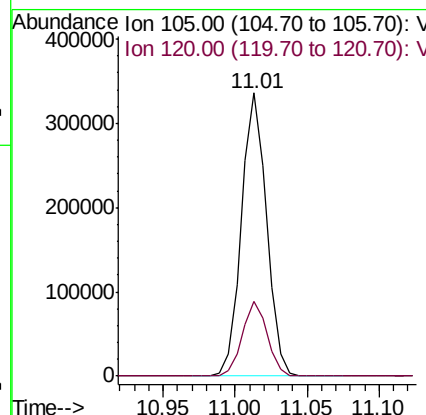
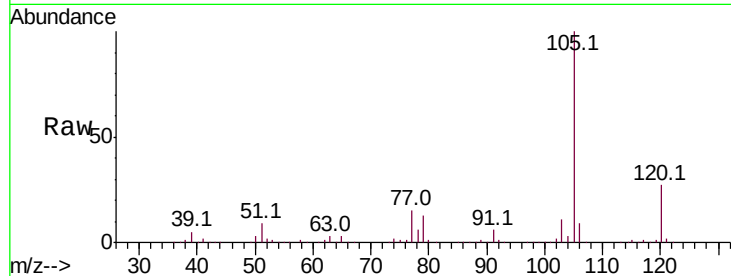
#73
Isopropylbenzene
Concen: 51.702 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.6	37.8

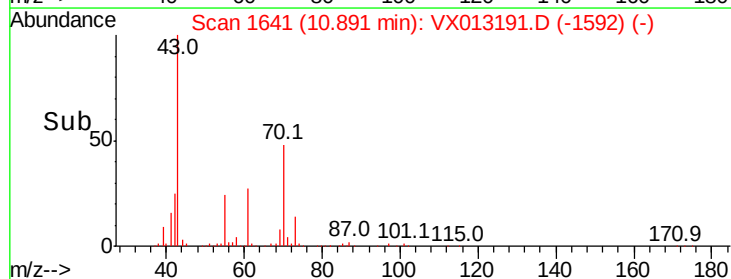
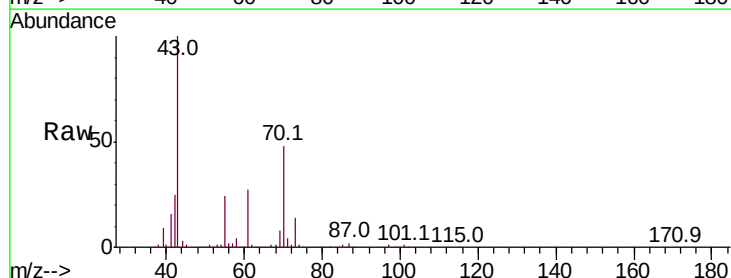
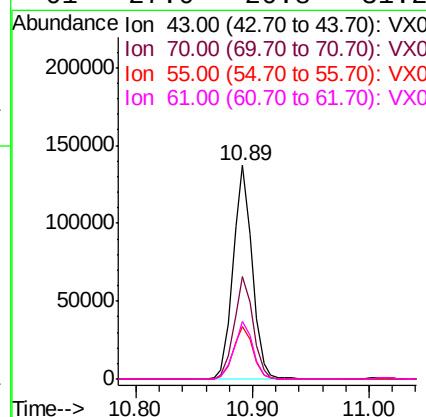
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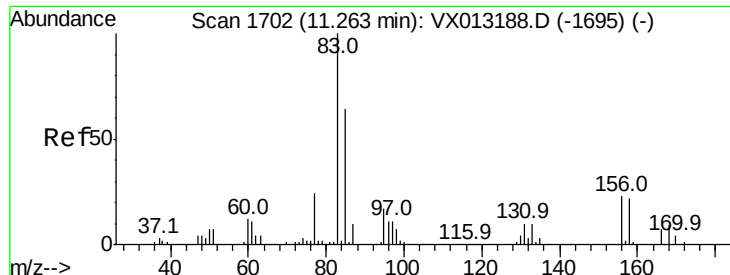
MMDadoda
10/25/2019 4:33:03 PM



#74
N-ethyl acetate
Concen: 53.410 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.7	38.5	57.7
55	25.4	20.7	31.1
61	27.0	20.8	31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.898 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

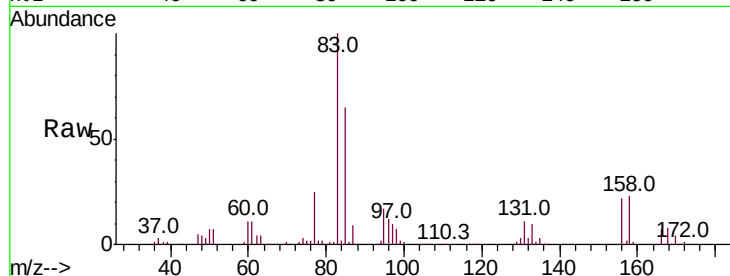
ClientSampleId :

ICVVX102419

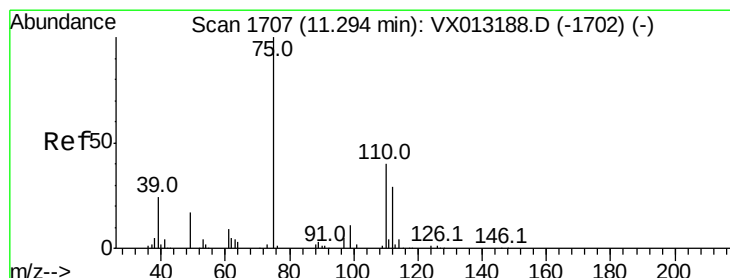
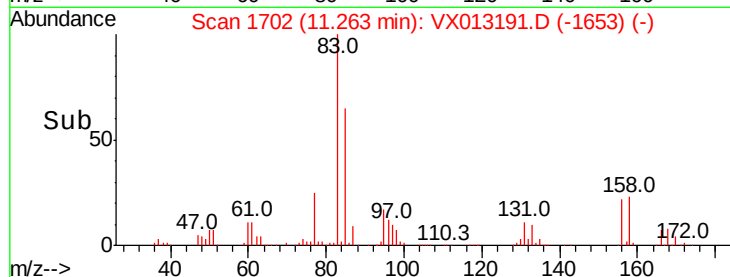
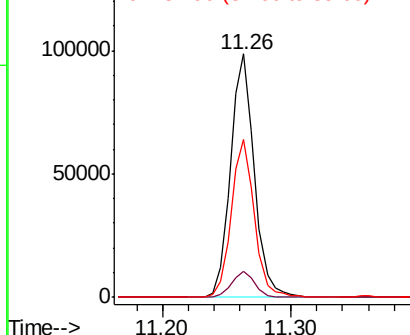
Tot Ion:	83	Resp:	127062
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	16.1
85	63.2	31.4	94.3

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: 50.173 ug/l m

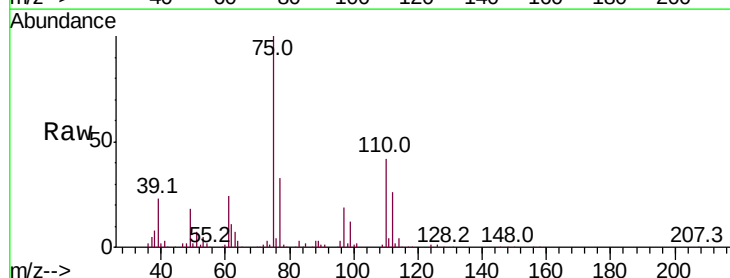
RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

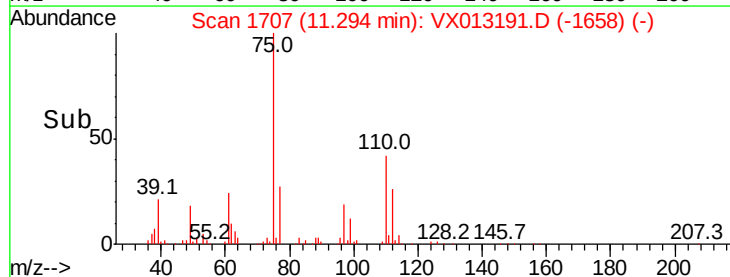
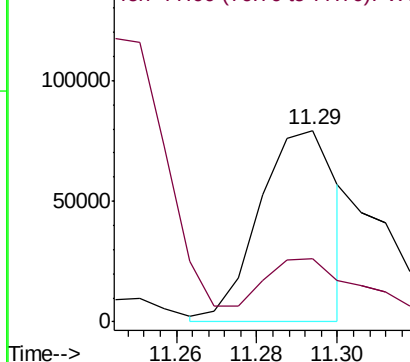
Lab File: VX013191.D

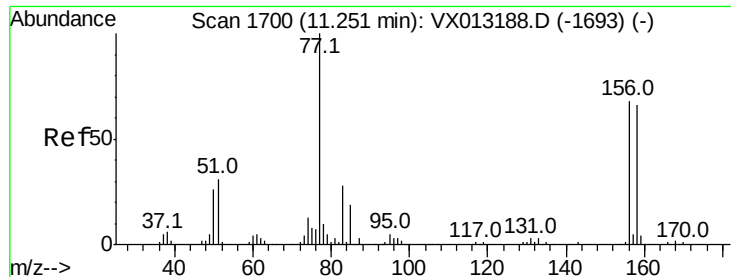
Acq: 23 Oct 2019 16:26

Tgt Ion:	75	Resp:	105343
Ion Ratio	Lower	Upper	
75	100		
77	42.8	19.1	57.5



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





#77

Bromobenzene

Concen: 51.767 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

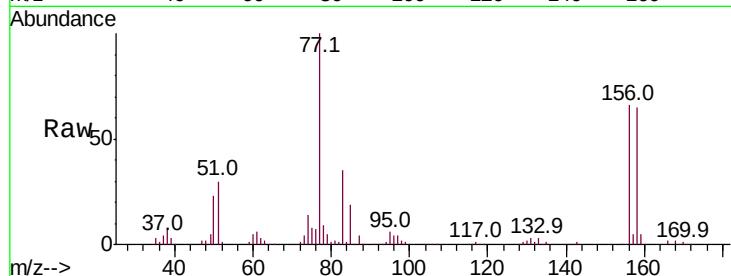
ClientSampleId :

ICVX102419

Tot Ion	Ratio	Lower	Upper
156	100		
77	159.3	81.7	245.1
158	96.0	49.6	148.8

Manual Integrations
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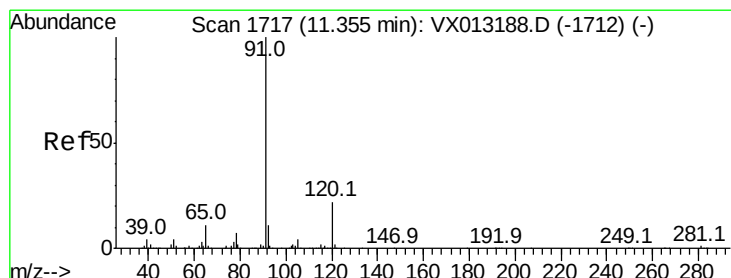
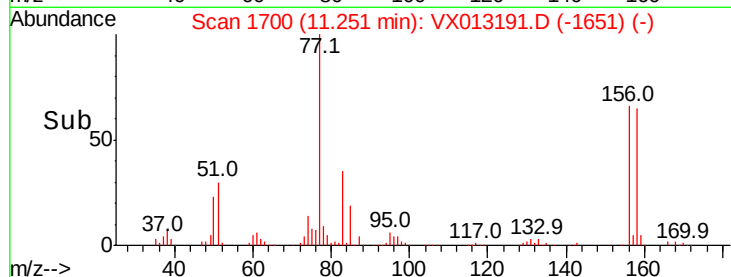
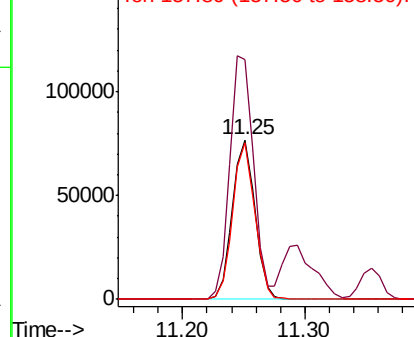


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.859 ug/l

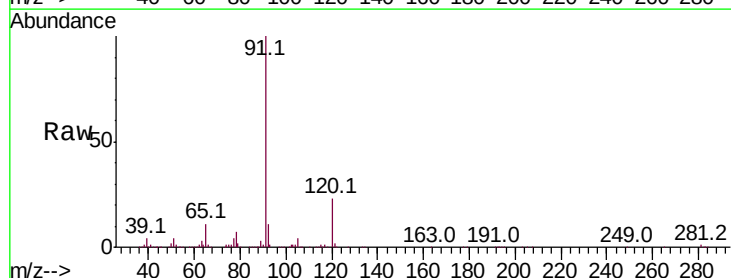
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

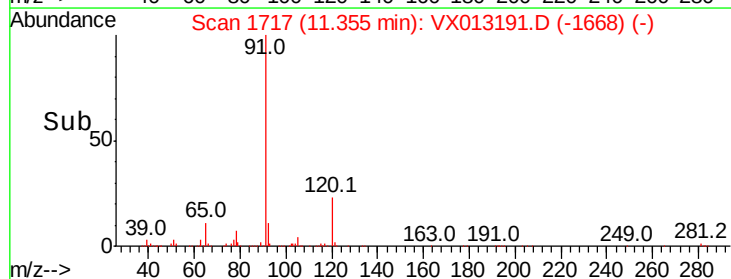
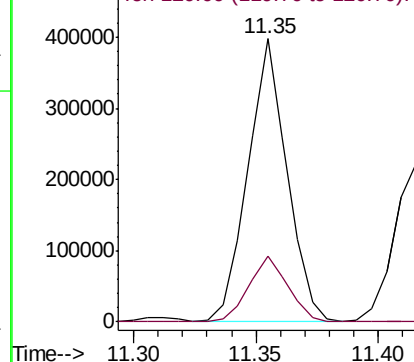
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.4	34.1

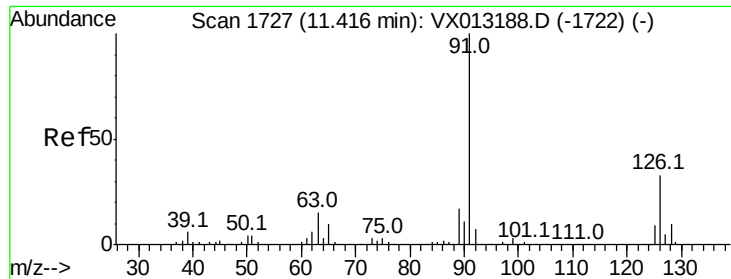


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.207 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

Tot Ion: 91 Resp: 267160

Ion Ratio Lower Upper

91 100

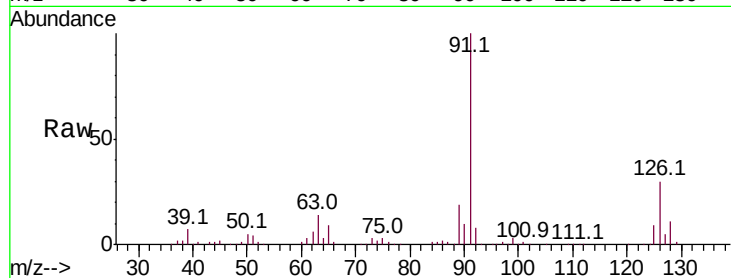
126 32.9 16.3 48.8

Manual Integrations

APPROVED

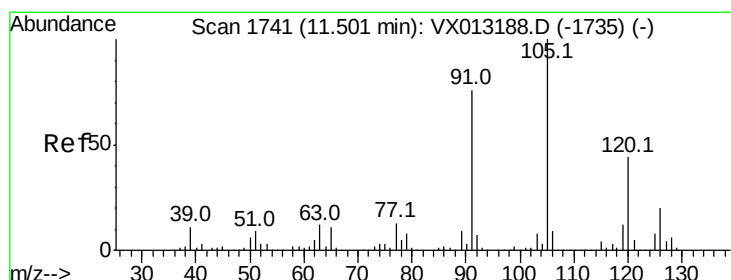
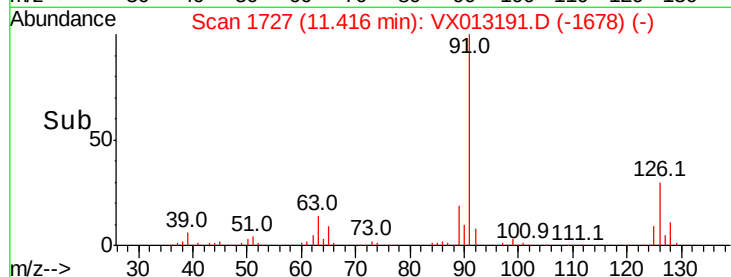
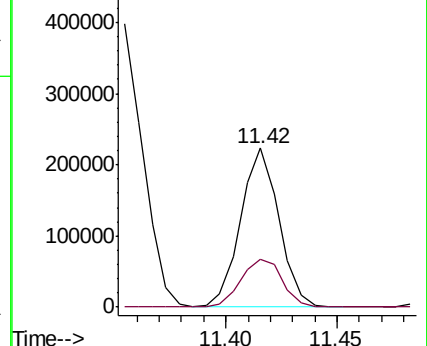
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.622 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013191.D

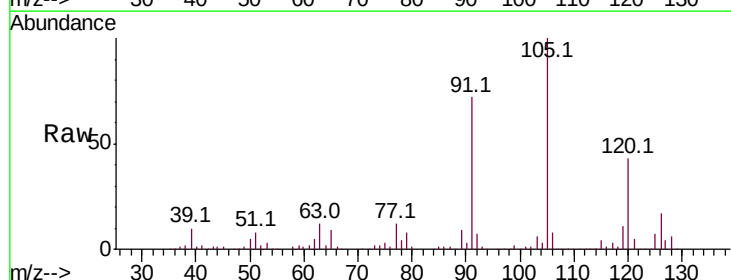
Acq: 23 Oct 2019 16:26

Tgt Ion:105 Resp: 346007

Ion Ratio Lower Upper

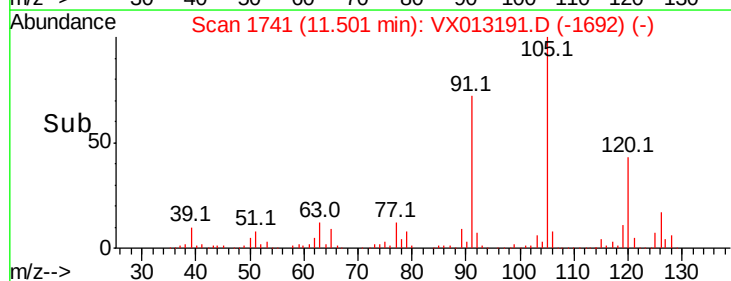
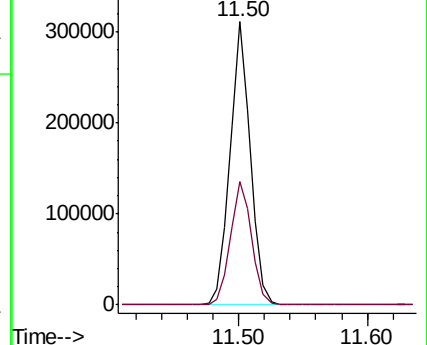
105 100

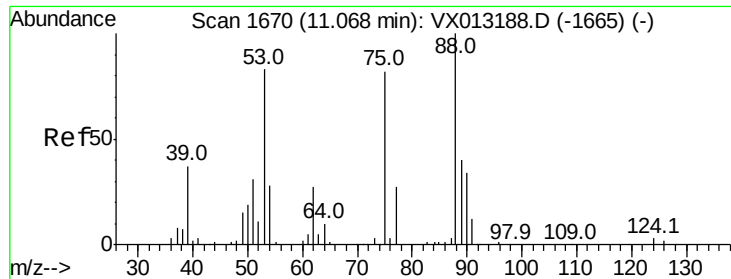
120 45.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





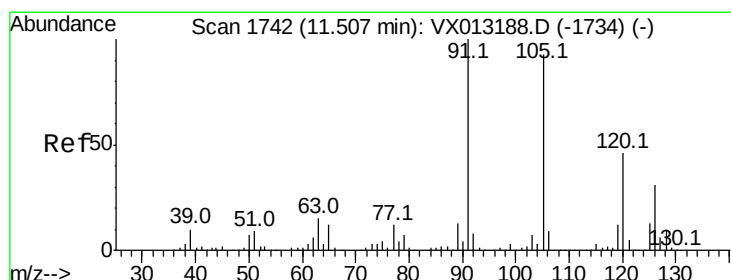
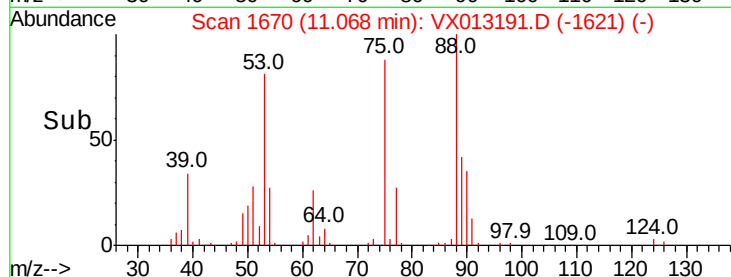
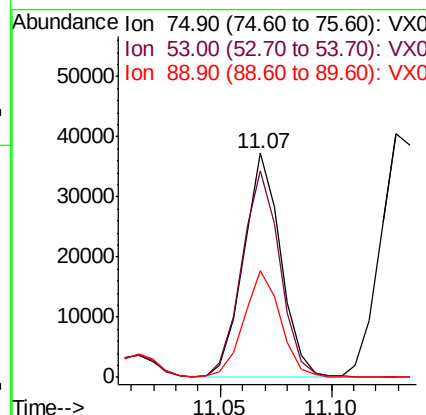
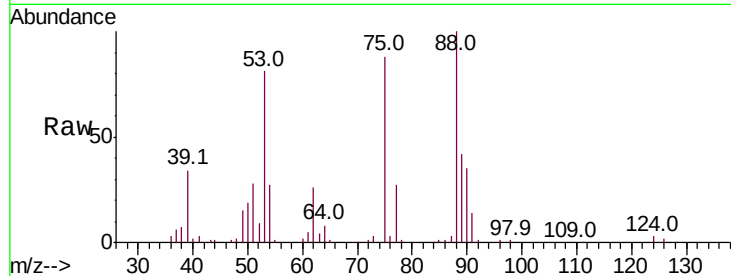
#81
trans-1,4-Dichloro-2-butene
Concen: 56.857 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.9	77.9	116.9
89	47.3	37.3	55.9

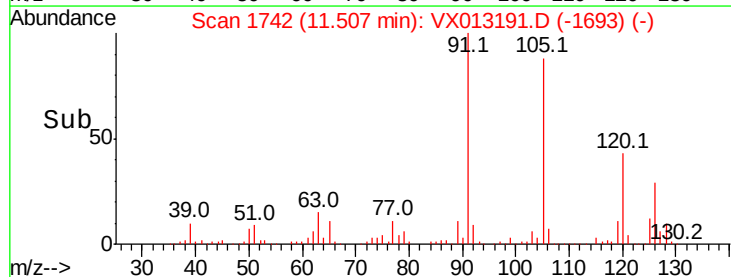
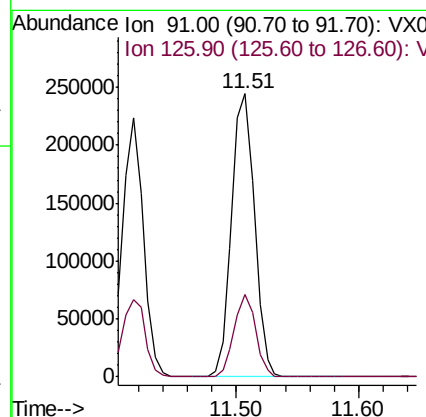
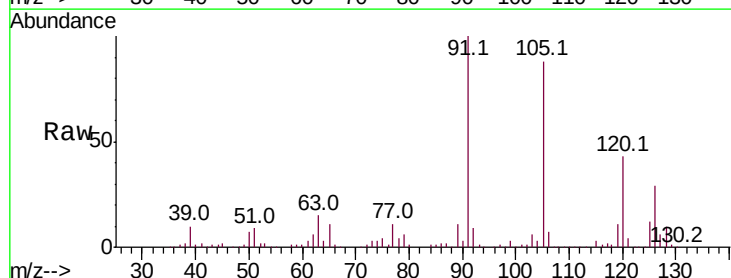
Manual Integrations
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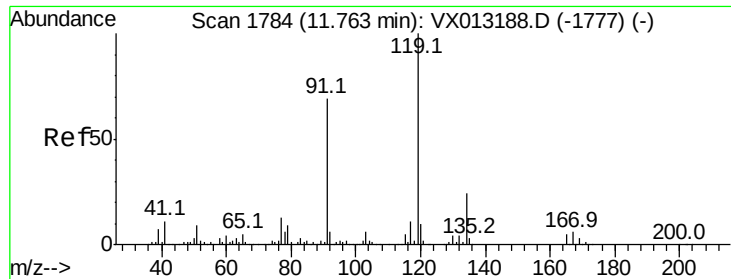
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.402 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.4	14.6	44.0





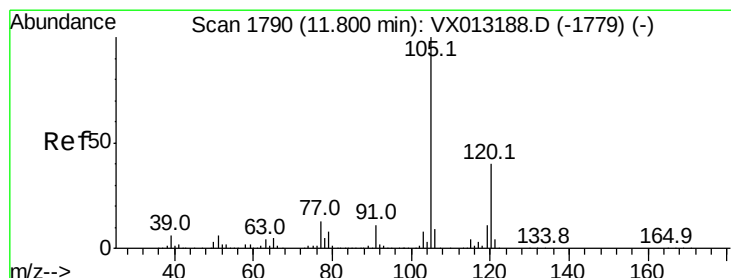
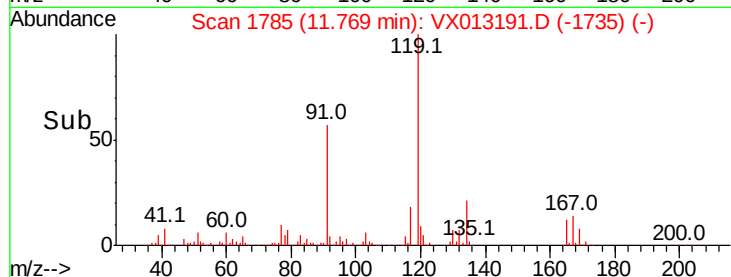
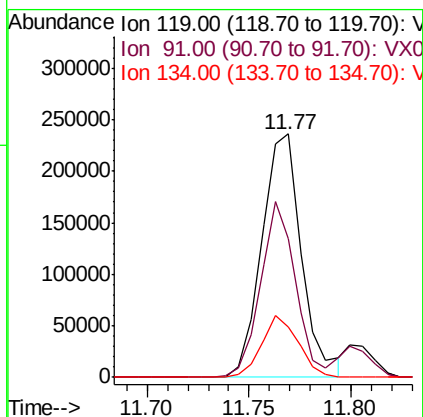
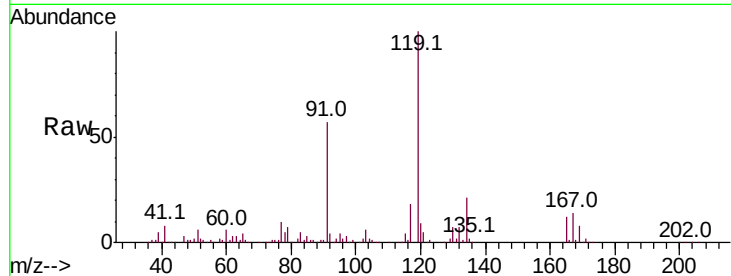
#83
 tert-Butylbenzene
 Concen: 49.526 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.1	30.8	92.4
134	23.0	11.5	34.5

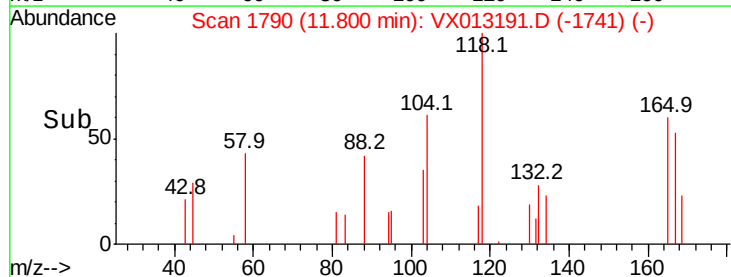
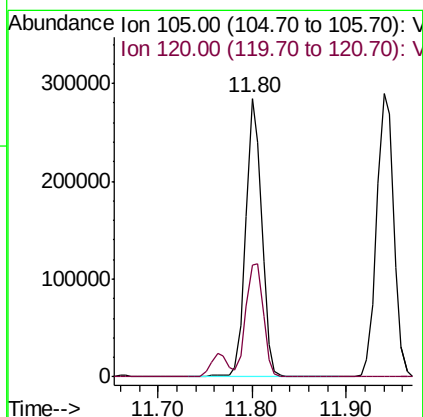
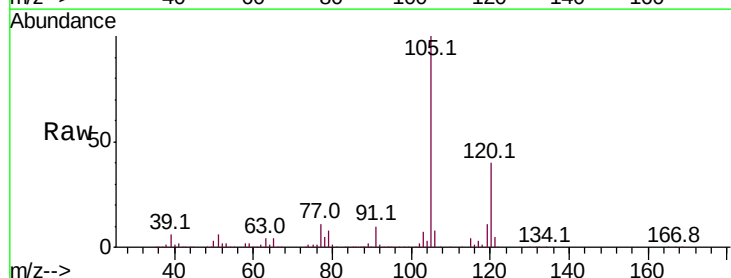
Manual Integrations
 APPROVED

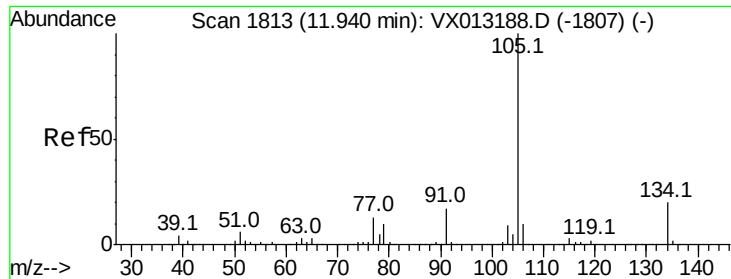
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.729 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.4	64.3





#85

sec-Butylbenzene

Concen: 49.299 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

Tot Ion:105 Resp: 364970

Ion Ratio Lower Upper

105 100

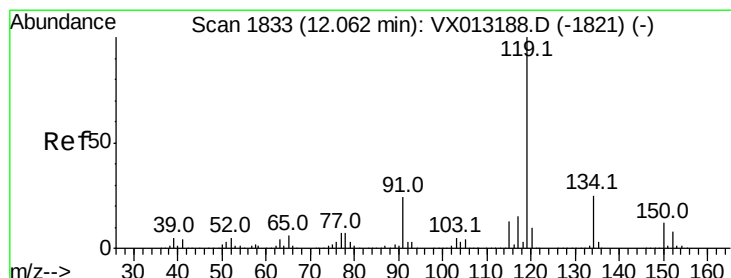
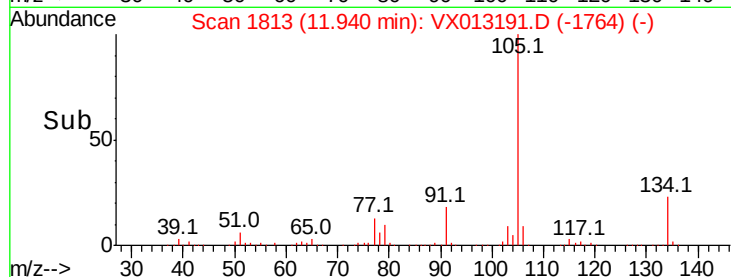
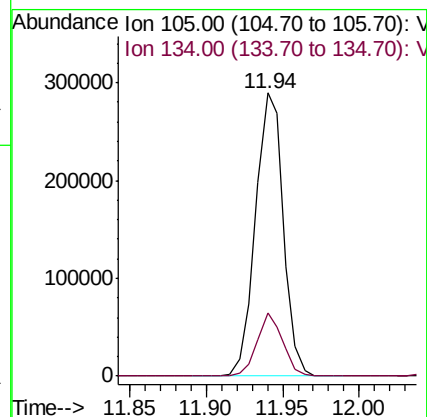
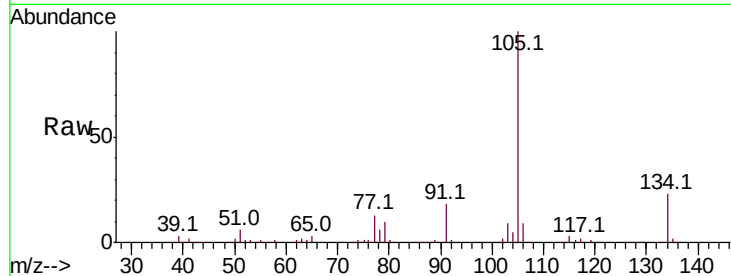
134 20.7 9.9 29.7

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 53.466 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

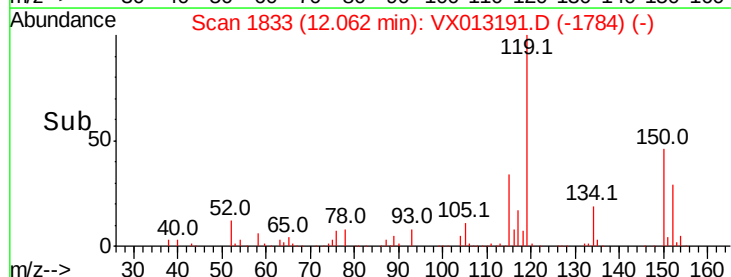
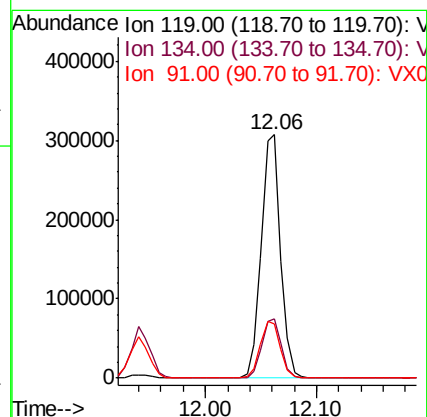
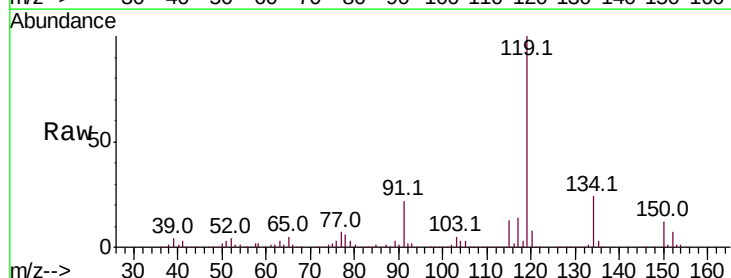
Tgt Ion:119 Resp: 371853

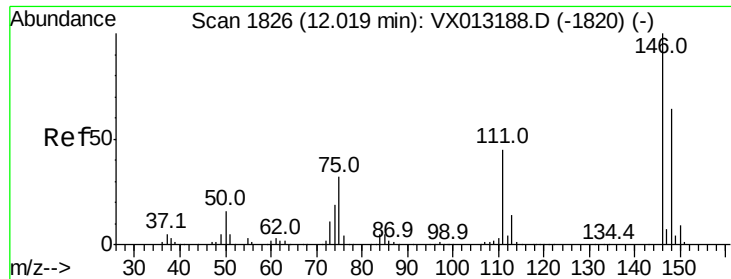
Ion Ratio Lower Upper

119 100

134 24.6 12.5 37.5

91 24.2 12.4 37.2





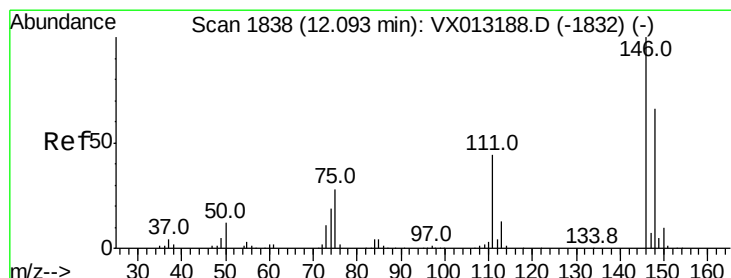
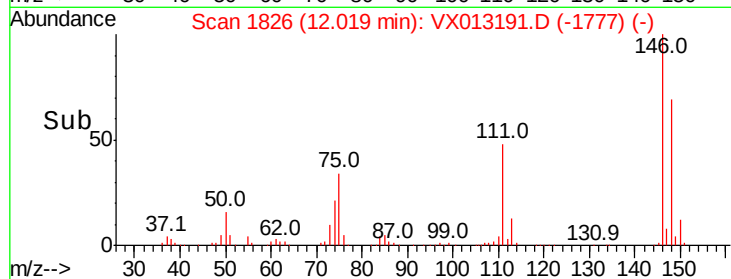
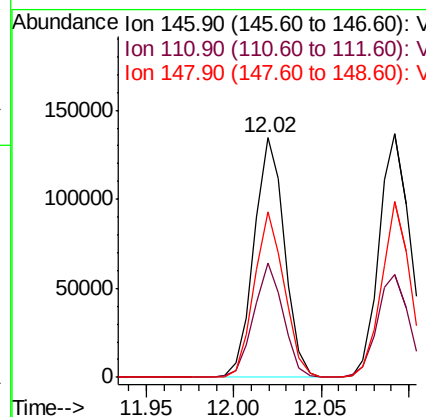
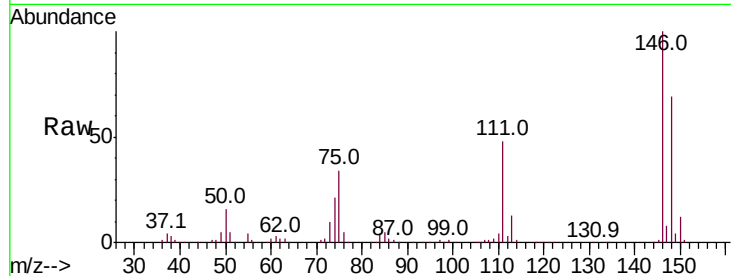
#87
 1,3-Dichlorobenzene
 Concen: 47.843 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	21.3	63.9
148	68.0	31.6	94.8

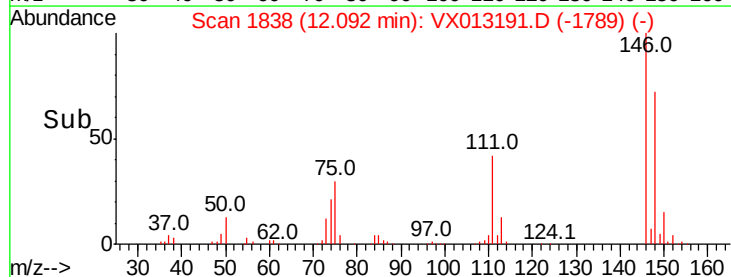
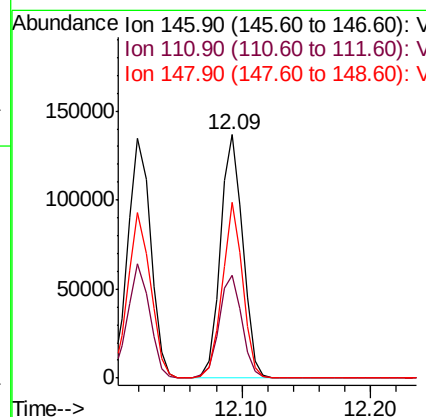
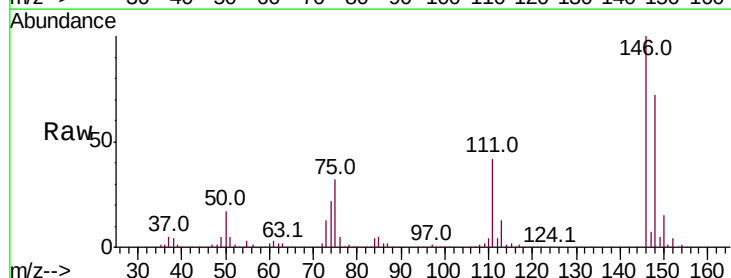
Manual Integrations
 APPROVED

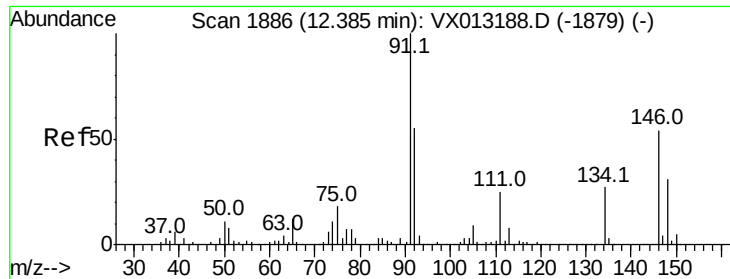
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 10/25/2019 4:33:03 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.930 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.3	63.9
148	66.4	32.5	97.5





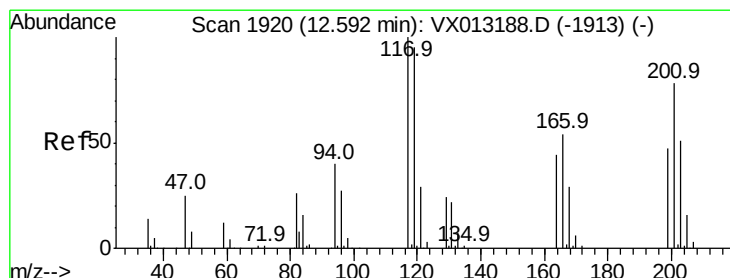
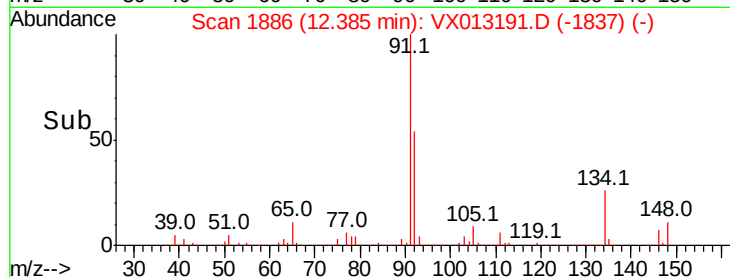
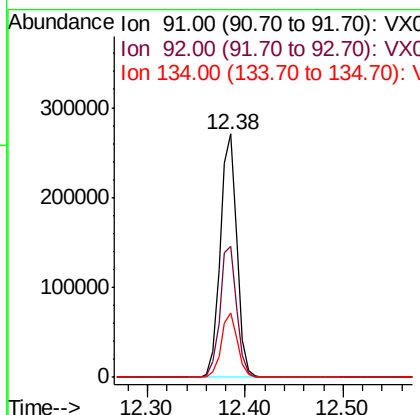
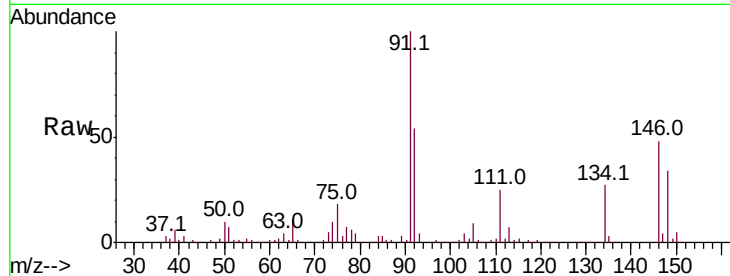
#89
n-Butylbenzene
Concen: 55.445 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.7	83.1
134	25.8	13.2	39.6

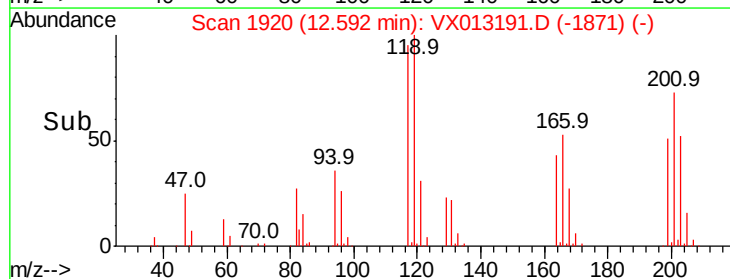
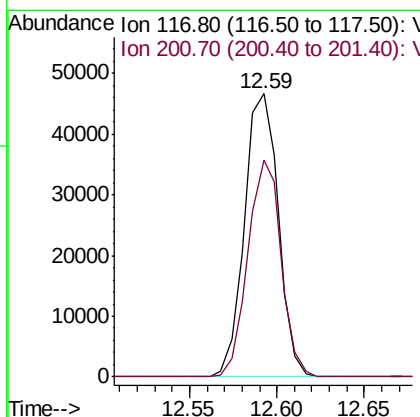
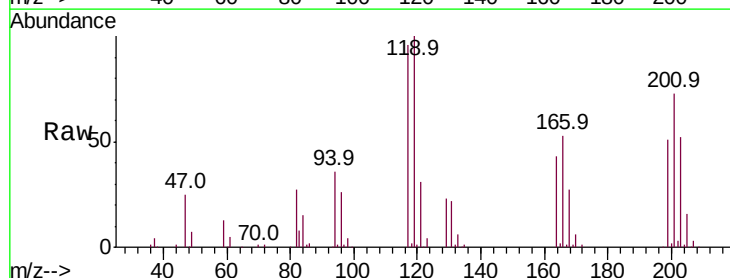
Manual Integrations
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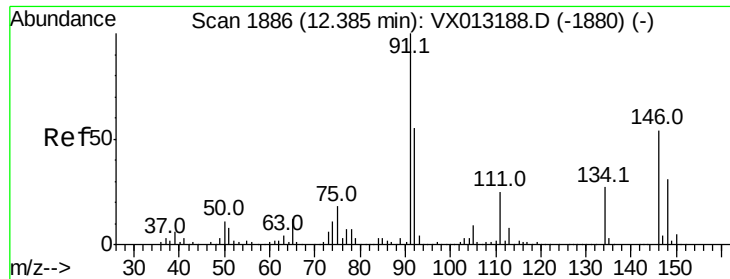
MMDadoda
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#90
Hexachloroethane
Concen: 54.109 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.3	39.0	116.9





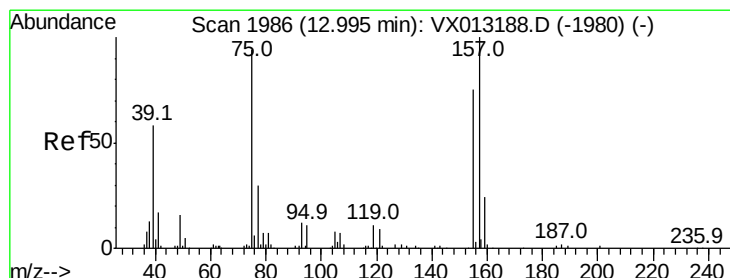
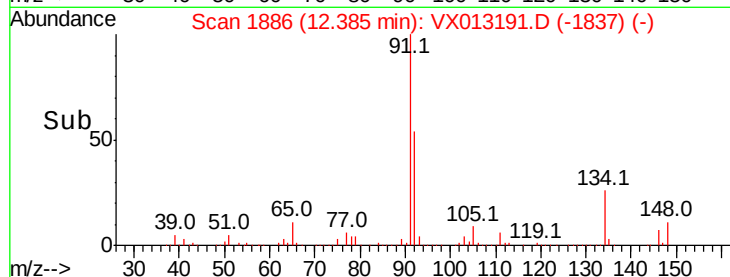
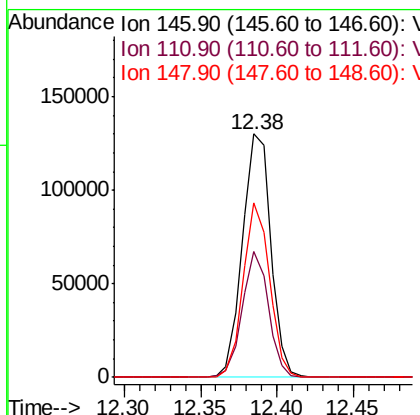
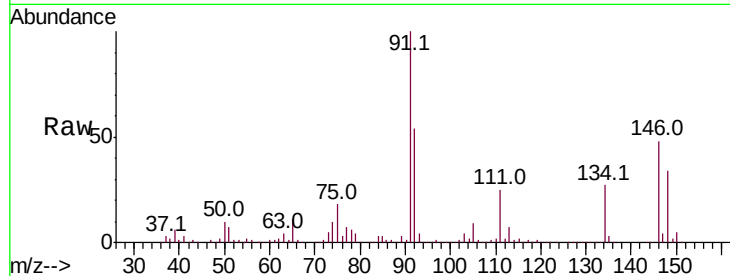
#91
 1,2-Dichlorobenzene
 Concen: 49.751 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.5	22.9	68.8
148	66.8	31.8	95.3

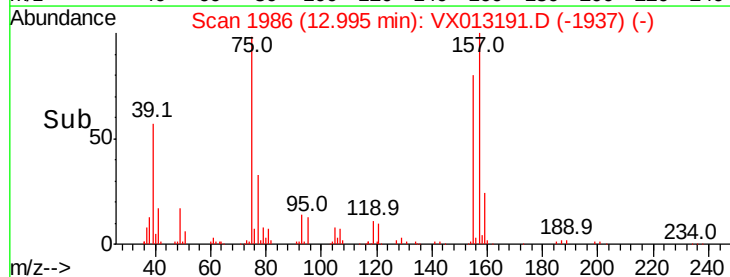
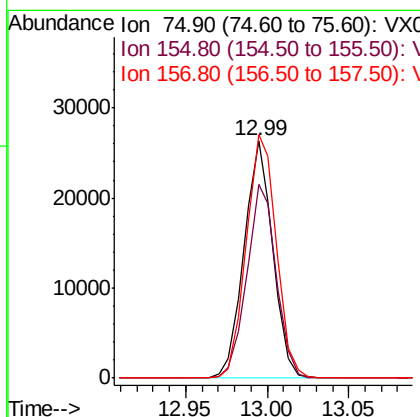
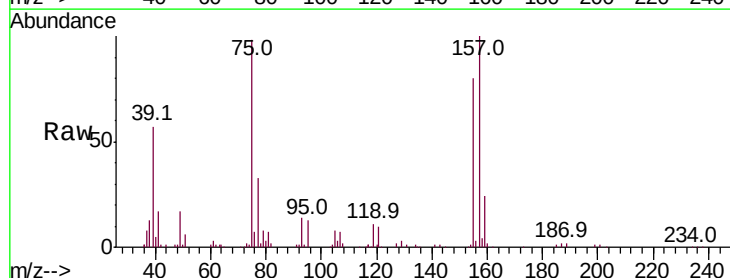
Manual Integrations
 APPROVED

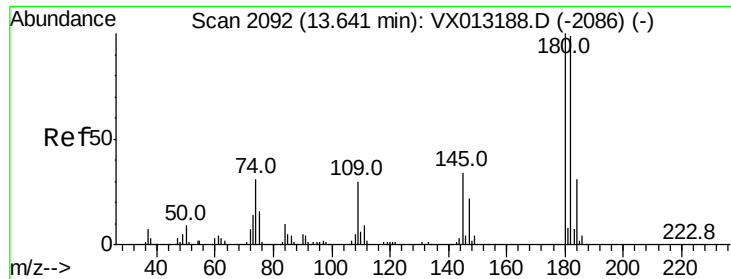
MMDadoda
 10/25/2019 4:33:03 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.227 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.3	42.8	128.4
157	107.2	54.3	162.8





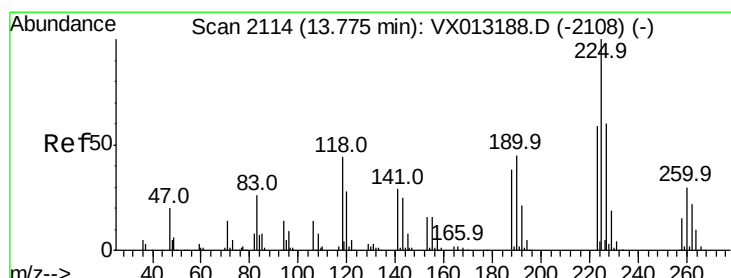
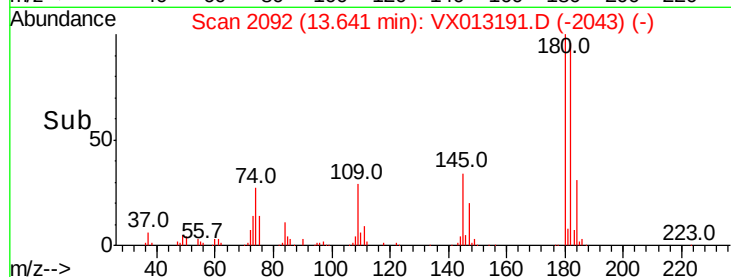
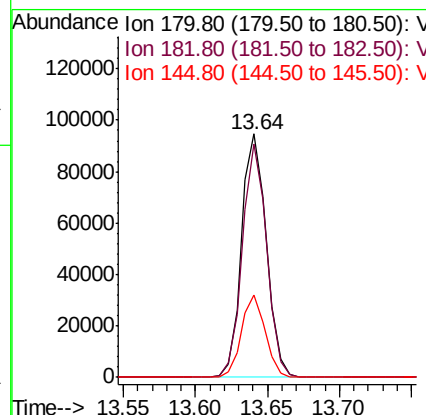
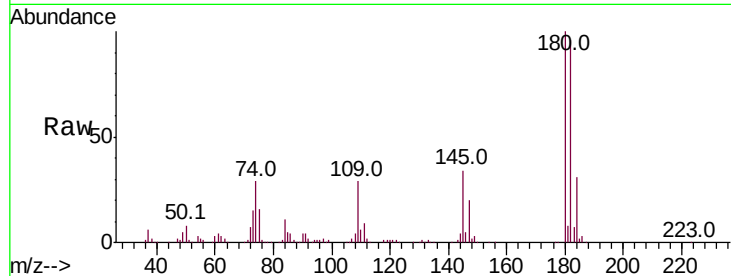
#93
 1,2,4-Trichlorobenzene
 Concen: 53.440 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.8	45.9	137.6	
145	32.7	15.9	47.6	

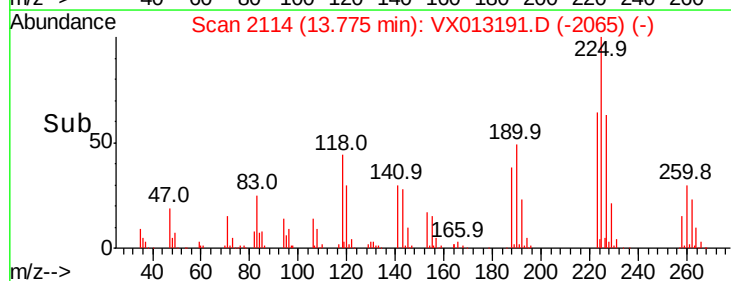
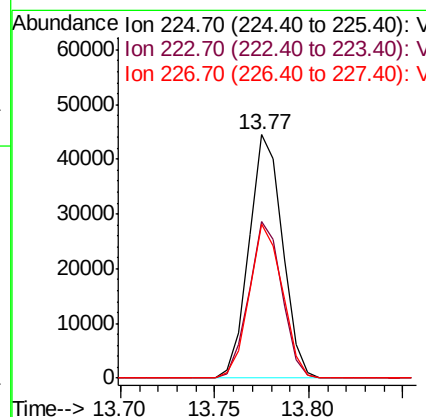
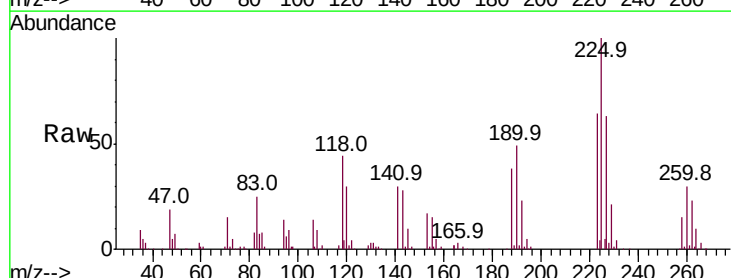
Manual Integrations
 APPROVED

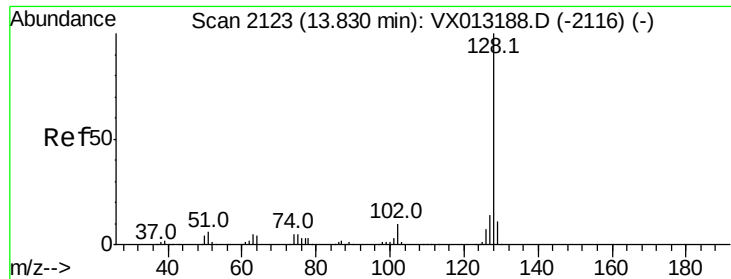
MMDadoda
 10/25/2019 4:33:03 PM



#94
 Hexachlorobutadiene
 Concen: 49.836 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	30.9	92.5	
227	62.6	30.3	90.9	





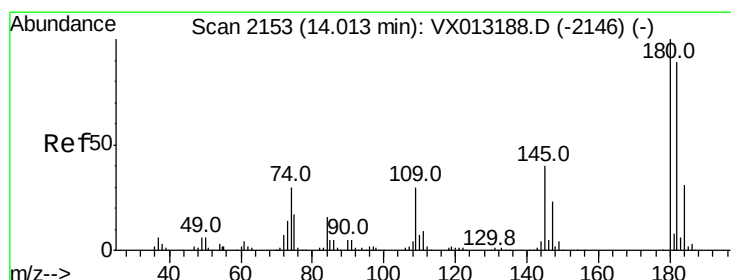
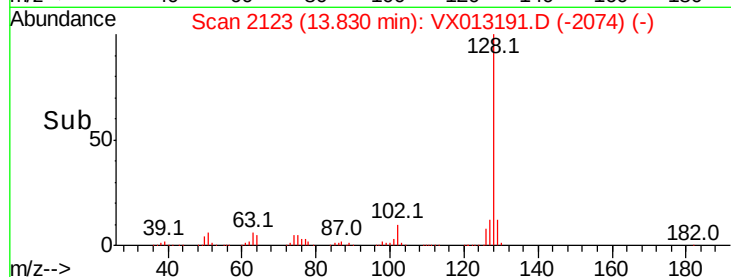
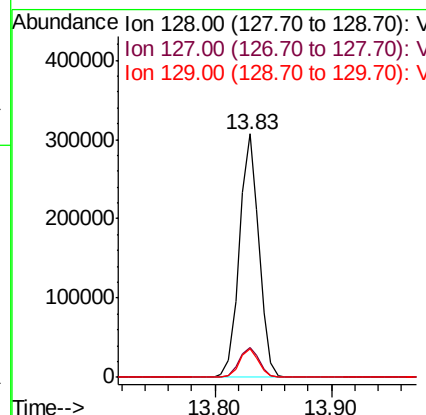
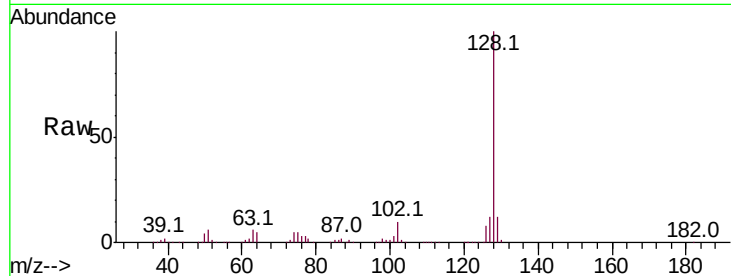
#95
Naphthalene
Concen: 54.885 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.7	16.1
129	11.4	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/25/2019 4:33:03 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.986 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.3	144.9
145	34.8	18.6	55.6

