

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012575.D
 Acq On : 20 Sep 2019 22:59
 Operator : JC/SP
 Sample : VX0920WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 11:28:56 AM

Quant Time: Sep 21 03:49:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301337	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126889	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	121420	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	5.49	113	89555	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	8.71	98	330131	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.14	95	132101	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	20750	17.572	ug/l	95
3) Chloromethane	1.32	50	18150	18.381	ug/l	95
4) Vinyl Chloride	1.40	62	19963	18.705	ug/l #	88
5) Bromomethane	1.63	94	9792	23.353	ug/l	94
6) Chloroethane	1.72	64	15125	18.110	ug/l	97
7) Trichlorofluoromethane	1.92	101	39245	20.060	ug/l	100
8) Diethyl Ether	2.18	74	17037	19.280	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	26462	18.694	ug/l	95
10) Methyl Iodide	2.50	142	21846	20.828	ug/l	96
11) Tert butyl alcohol	3.03	59	61801	90.936	ug/l	100
12) 1,1-Dichloroethene	2.36	96	21988	19.472	ug/l	96
13) Acrolein	2.28	56	16225	70.574	ug/l	96
14) Allyl chloride	2.72	41	48370	18.399	ug/l	97
15) Acrylonitrile	3.13	53	109843	98.471	ug/l	98
16) Acetone	2.43	43	100699	80.207	ug/l	100
17) Carbon Disulfide	2.56	76	24887	16.827	ug/l	99
18) Methyl Acetate	2.76	43	53103	19.797	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	122730	19.934	ug/l	99
20) Methylene Chloride	2.85	84	30438	19.538	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	22661	19.325	ug/l	96
22) Diisopropyl ether	3.84	45	121225	19.694	ug/l	99
23) Vinyl Acetate	3.80	43	487733	96.321	ug/l	98
24) 1,1-Dichloroethane	3.69	63	58763	19.952	ug/l	99
25) 2-Butanone	4.66	43	161110	90.227	ug/l	97
26) 2,2-Dichloropropane	4.58	77	44507	15.366	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	34744	19.834	ug/l	96
28) Bromochloromethane	5.01	49	27535	18.135	ug/l	96
29) Tetrahydrofuran	5.12	42	96906	98.238	ug/l	99
30) Chloroform	5.20	83	64732	19.138	ug/l	97
31) Cyclohexane	5.57	56	34335	19.312	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	53716	19.001	ug/l	98
36) 1,1-Dichloropropene	5.79	75	34964	19.092	ug/l	96
37) Ethyl Acetate	4.82	43	58195	20.701	ug/l	97
38) Carbon Tetrachloride	5.78	117	42270	18.558	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	32936	18.500	ug/l	94
40) Benzene	6.14	78	117791	20.226	ug/l	100
41) Methacrylonitrile	5.03	41	33245	18.366	ug/l	96
42) 1,2-Dichloroethane	6.18	62	52597	19.472	ug/l	100
43) Isopropyl Acetate	6.43	43	97025	19.230	ug/l	99
44) Trichloroethene	7.21	130	31460	20.536	ug/l	91
45) 1,2-Dichloropropane	7.51	63	35671	19.937	ug/l	100
46) Dibromomethane	7.65	93	22306	19.265	ug/l	98
47) Bromodichloromethane	7.89	83	48084	18.652	ug/l	98
48) Methyl methacrylate	7.76	41	44613	18.757	ug/l	97
49) 1,4-Dioxane	7.73	88	21450	370.553	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	321447	97.148	ug/l	98
52) Toluene	8.78	92	75330	20.074	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	49232	18.371	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	52882	19.061	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	39136	20.243	ug/l	97
56) Ethyl methacrylate	9.17	69	58958	19.505	ug/l	99
57) 1,3-Dichloropropane	9.37	76	61750	20.018	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	159486	101.928	ug/l	98
59) 2-Hexanone	9.49	43	246447	95.469	ug/l	100
60) Dibromochloromethane	9.58	129	37275	18.928	ug/l	99
61) 1,2-Dibromoethane	9.67	107	35567	20.143	ug/l	97
64) Tetrachloroethene	9.33	164	29973	24.150	ug/l	93
65) Chlorobenzene	10.14	112	87874	19.657	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	37115	20.005	ug/l	99
67) Ethyl Benzene	10.25	91	152408	19.844	ug/l	100
68) m/p-Xylenes	10.35	106	111346	39.845	ug/l	99
69) o-Xylene	10.70	106	57430	19.984	ug/l	99
70) Styrene	10.71	104	99807	19.629	ug/l	100
71) Bromoform	10.85	173	25421	17.870	ug/l #	98
73) Isopropylbenzene	11.01	105	161572	20.294	ug/l	100
74) N-amyl acetate	10.89	43	82469	19.240	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	61120	19.570	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	51428m	17.644	ug/l	
77) Bromobenzene	11.25	156	39916	20.558	ug/l	98
78) n-propylbenzene	11.35	91	174385	19.652	ug/l	100
79) 2-Chlorotoluene	11.42	91	114707	19.871	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	135383	19.939	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16242	17.447	ug/l	94
82) 4-Chlorotoluene	11.51	91	130128	19.641	ug/l	100
83) tert-Butylbenzene	11.77	119	140588	19.323	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	138501	19.866	ug/l	100
85) sec-Butylbenzene	11.94	105	154556	19.278	ug/l	99
86) p-Isopropyltoluene	12.06	119	145616	19.780	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	73667	20.169	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	74420	19.836	ug/l	100
89) n-Butylbenzene	12.39	91	117860	17.943	ug/l	99
90) Hexachloroethane	12.59	117	24335	18.028	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	77076	20.190	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15125	18.680	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	48468	19.711	ug/l	98
94) Hexachlorobutadiene	13.78	225	20646	17.815	ug/l	98
95) Naphthalene	13.83	128	176130	20.131	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	49816	19.881	ug/l	100

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

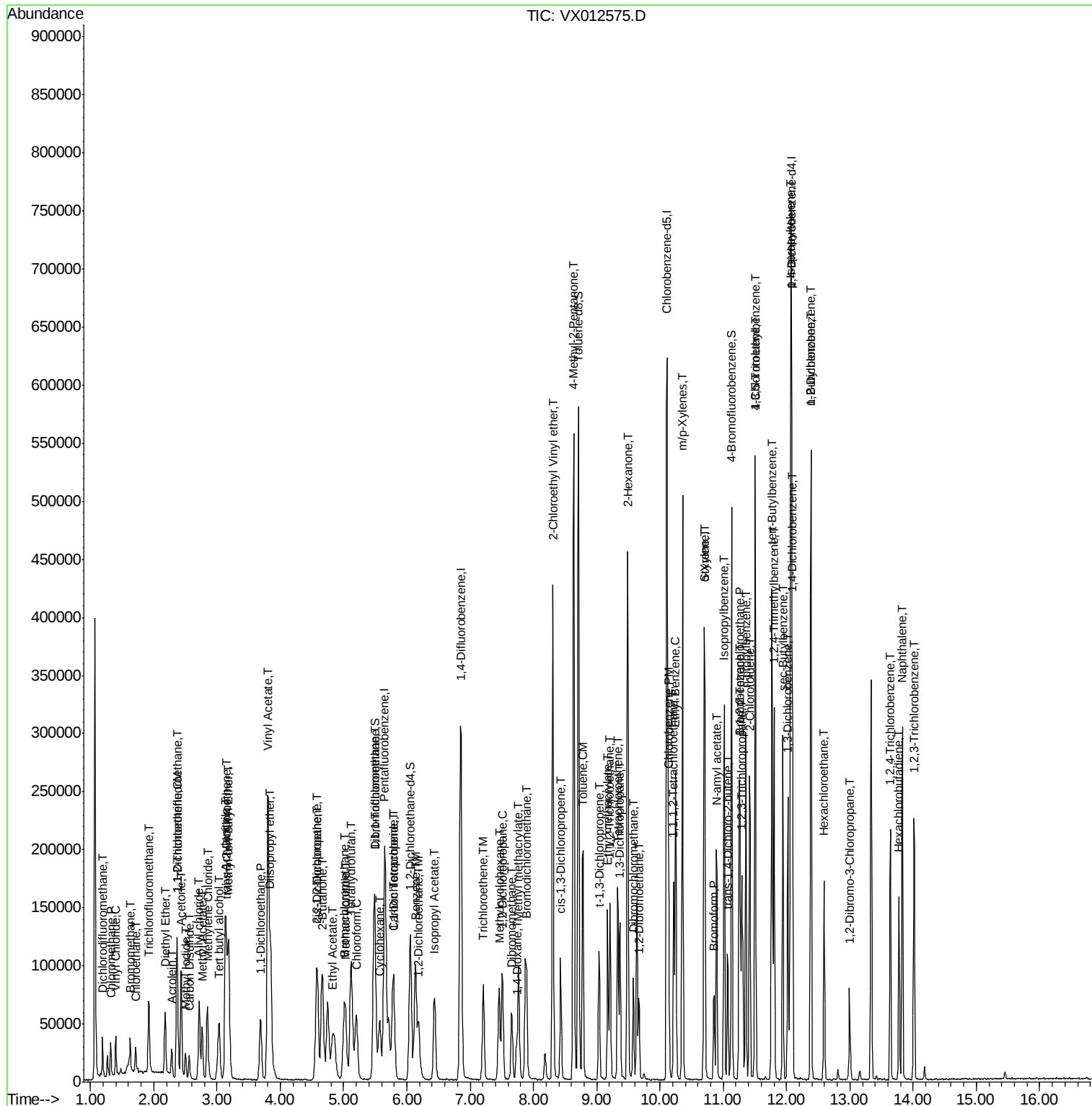
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092019\
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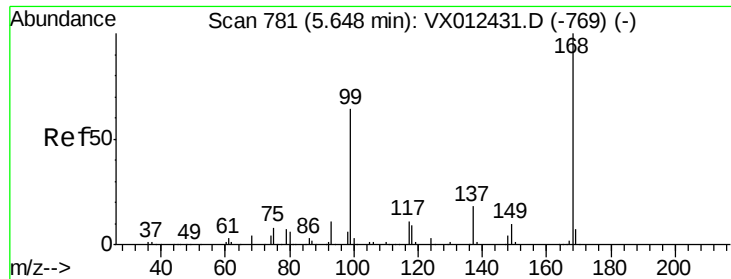
Instrument :
MSVOA_X
ClientSampleID :
VX0920WBSD02

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD02

Tot Ion:168 Resp: 179610

Ion Ratio Lower Upper

168 100

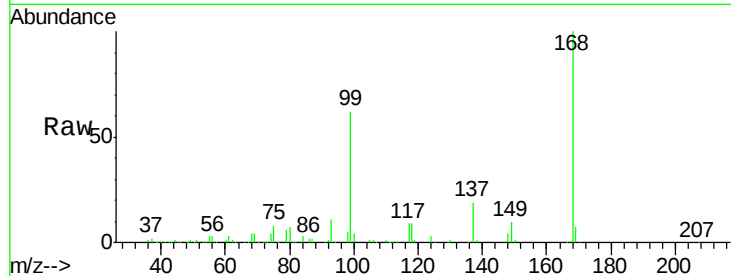
99 61.6 51.4 77.2

Manual Integrations

APPROVED

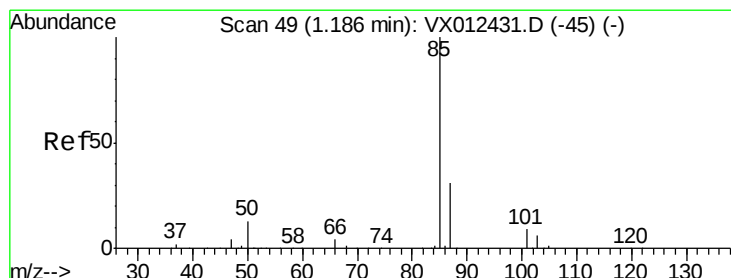
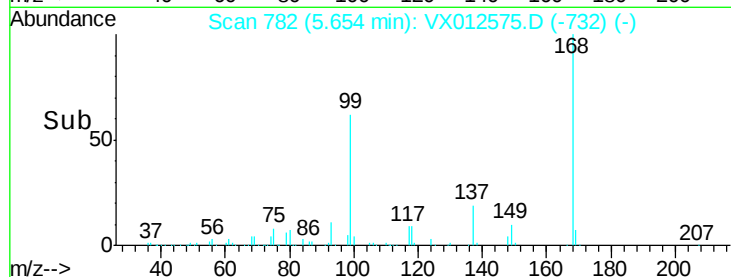
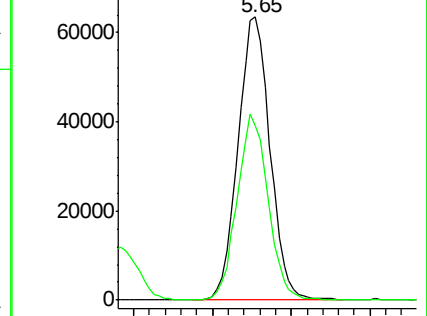
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.572 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012575.D

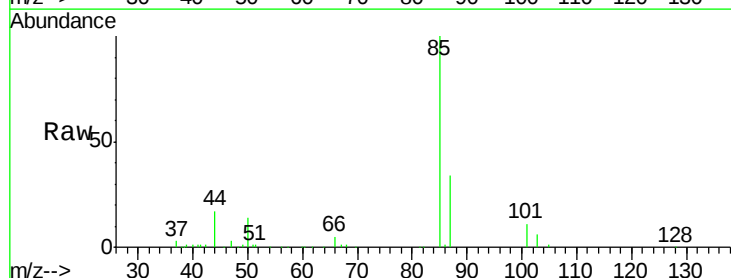
Acq: 20 Sep 2019 22:59

Tgt Ion: 85 Resp: 20750

Ion Ratio Lower Upper

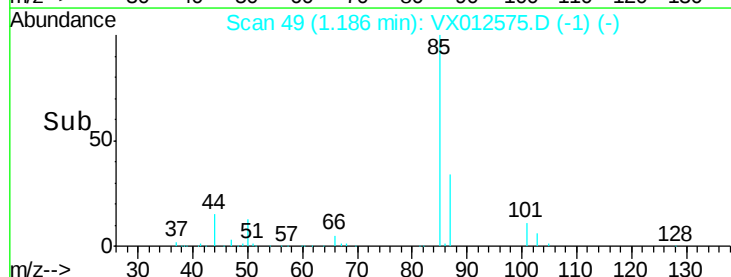
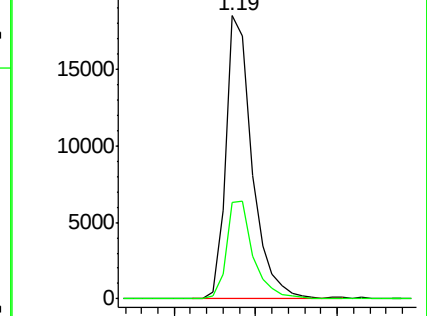
85 100

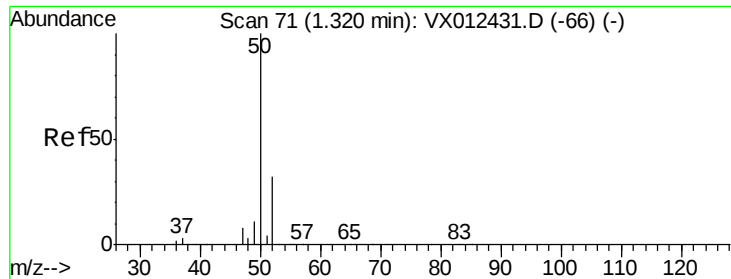
87 33.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.381 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD02

Tot Ion: 50 Resp: 18150

Ion Ratio Lower Upper

50 100

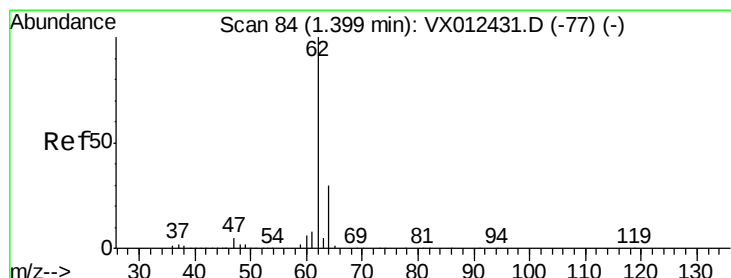
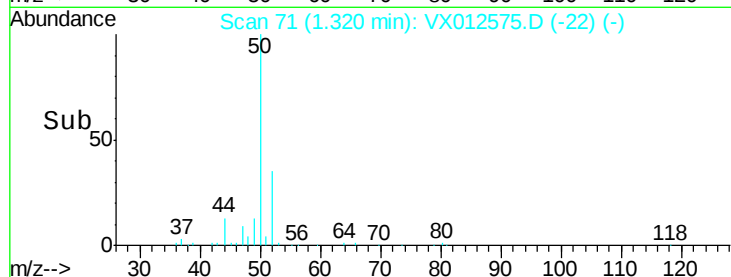
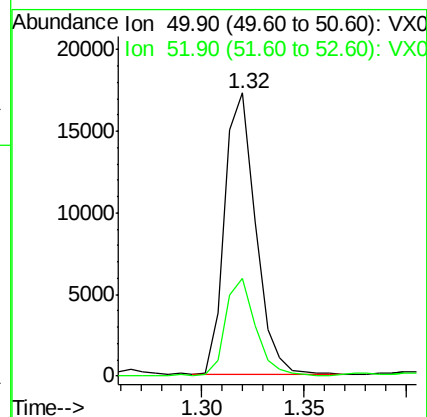
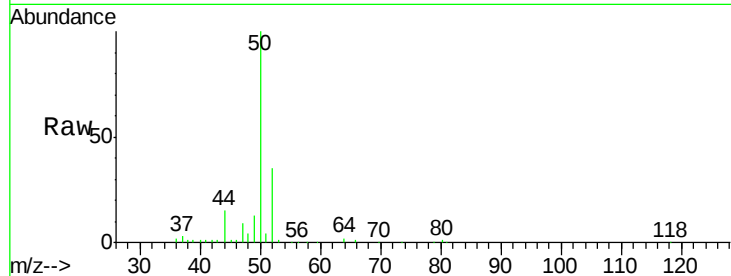
52 34.8 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.705 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012575.D

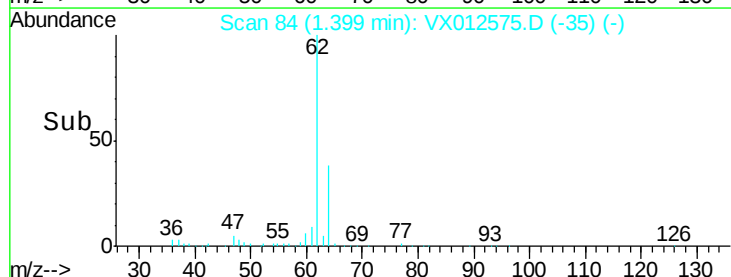
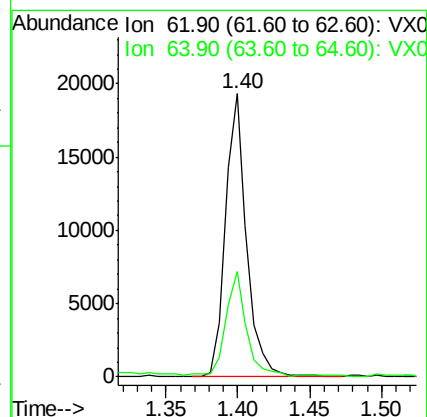
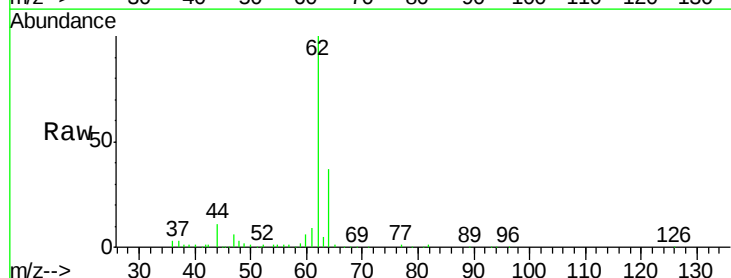
Acq: 20 Sep 2019 22:59

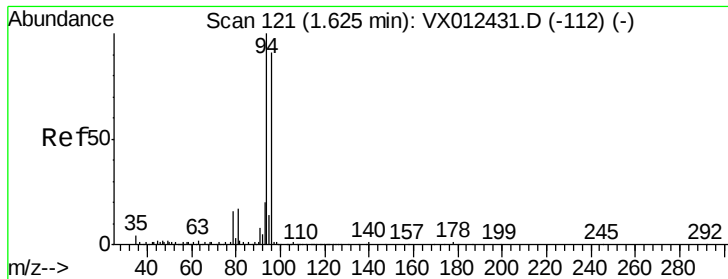
Tgt Ion: 62 Resp: 19963

Ion Ratio Lower Upper

62 100

64 37.0 24.2 36.2#





#5

Bromomethane

Concen: 23.353 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

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ClientSampleId :

VX0920WBSD02

Tot Ion: 94 Resp: 9792

Ion Ratio Lower Upper

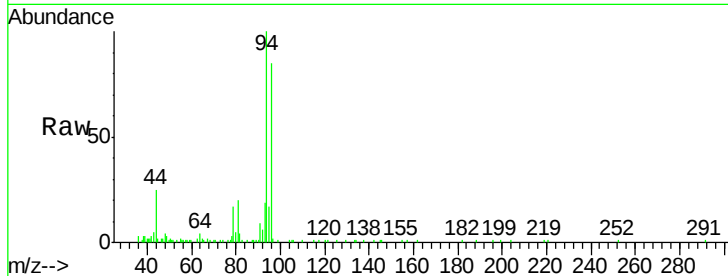
94 100

96 85.2 72.8 109.2

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

10000

8000

6000

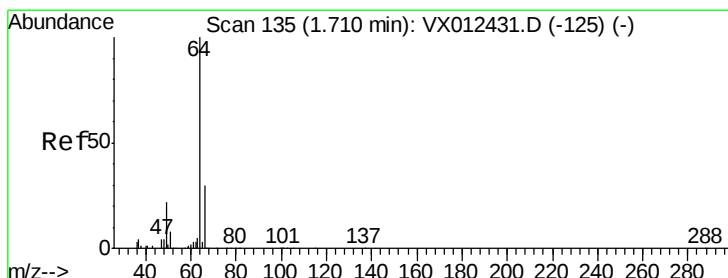
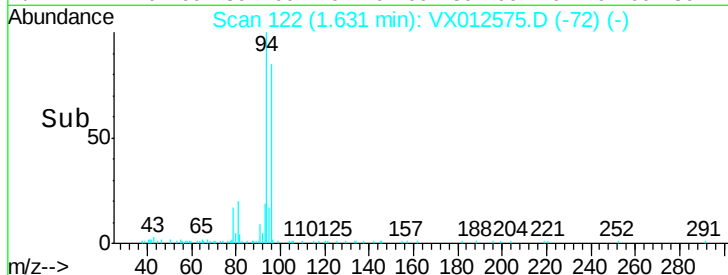
4000

2000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 18.110 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012575.D

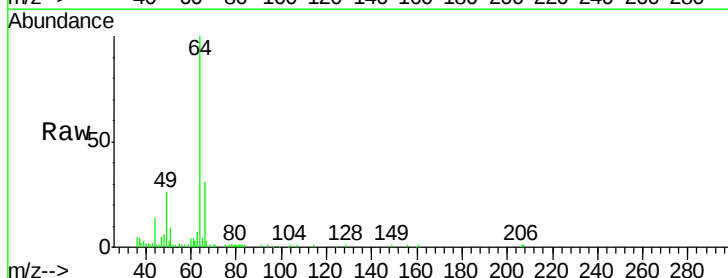
Acq: 20 Sep 2019 22:59

Tgt Ion: 64 Resp: 15125

Ion Ratio Lower Upper

64 100

66 31.6 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

12000

10000

8000

6000

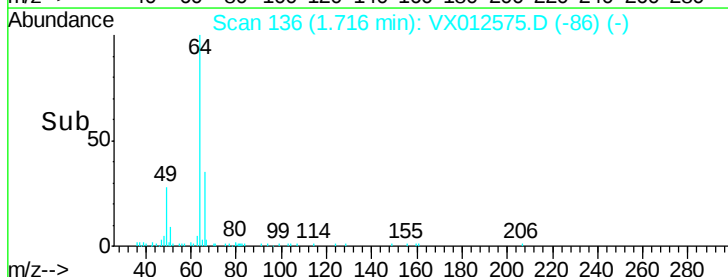
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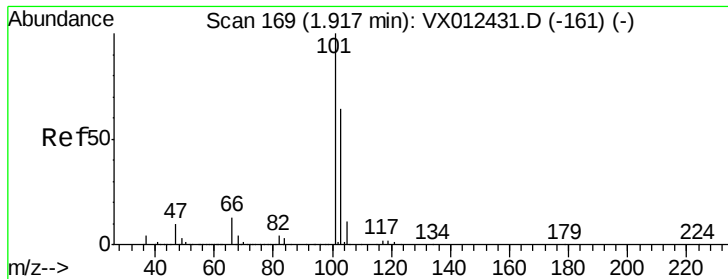
2000

0

1.65 1.70 1.75 1.80 1.85

Time-->





#7

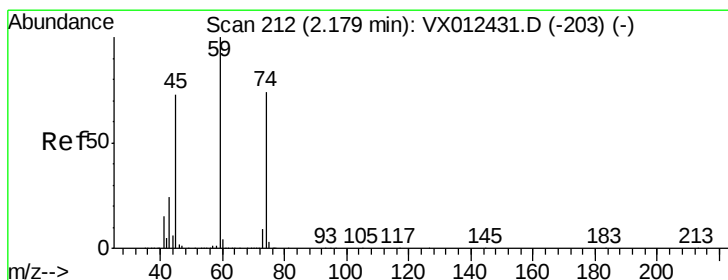
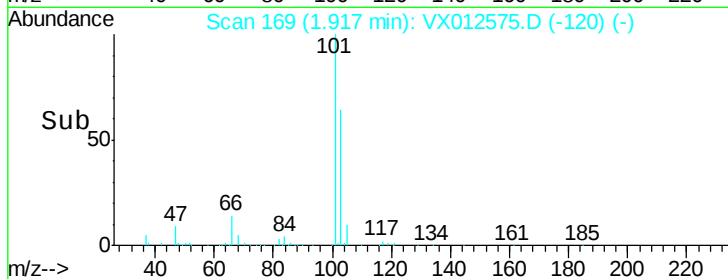
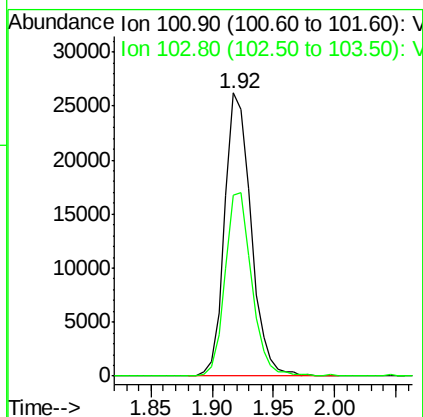
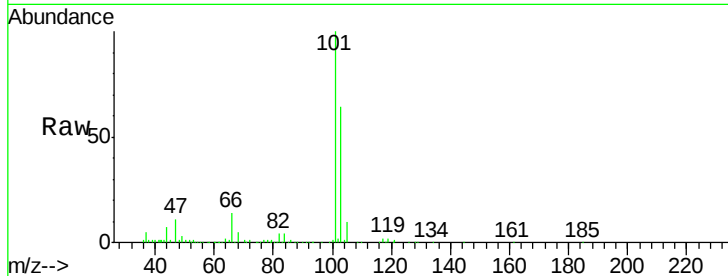
Trichlorofluoromethane
Concen: 20.060 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Instrument :
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ClientSampleId :
VX0920WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.0	76.4

Manual Integrations
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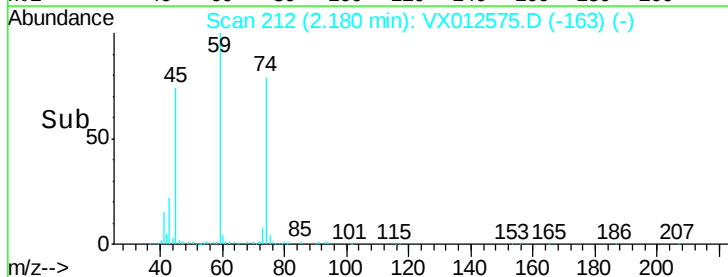
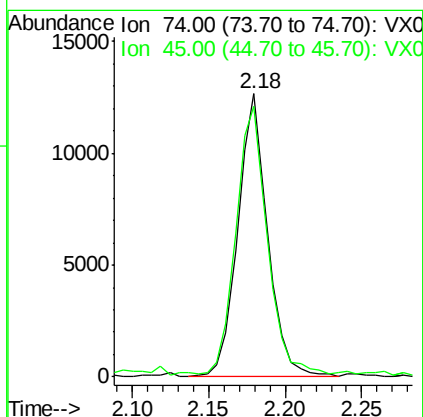
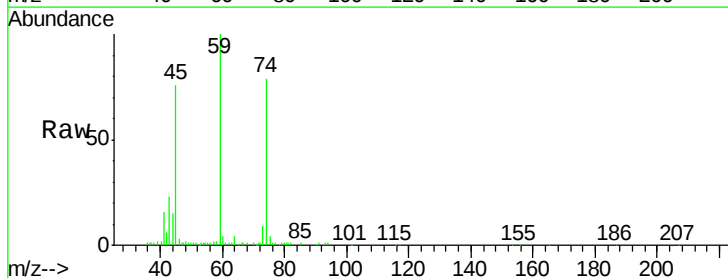
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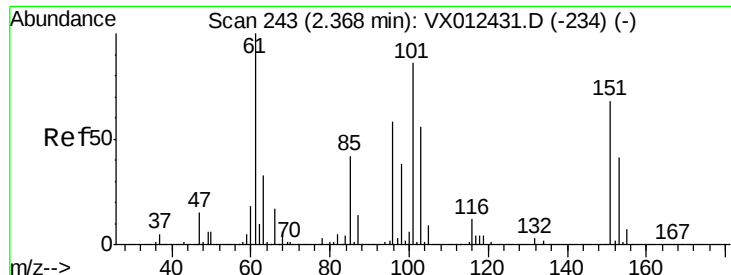


#8

Diethyl Ether
Concen: 19.280 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.6	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.694 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

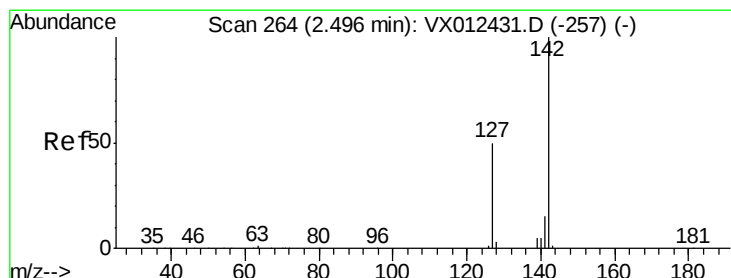
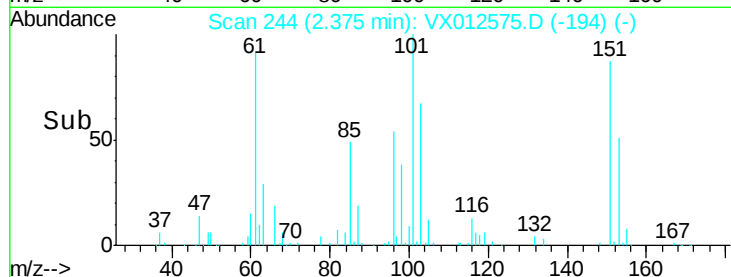
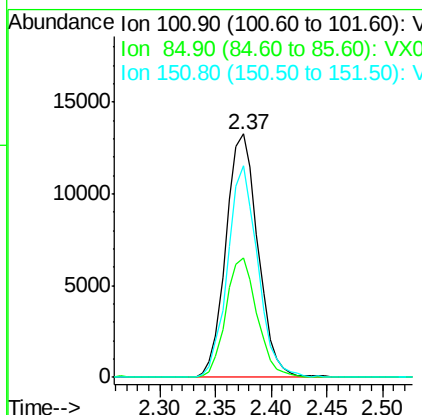
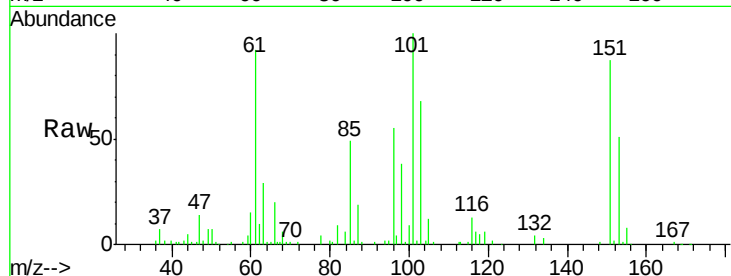
ClientSampleId :

VX0920WBSD02

Tot Ion:	101	Resp:	26462
Ion Ratio	Lower	Upper	
101	100		
85	47.8	37.3	55.9
151	81.7	61.0	91.4

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#10

Methyl Iodide

Concen: 20.828 ug/l

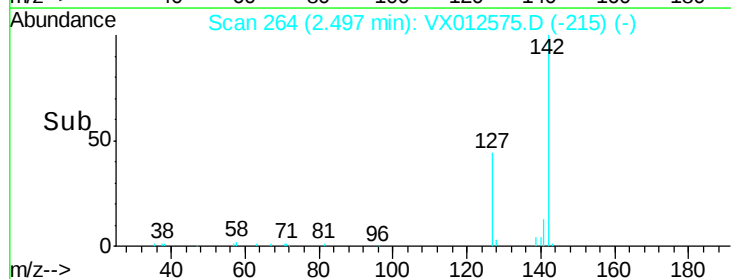
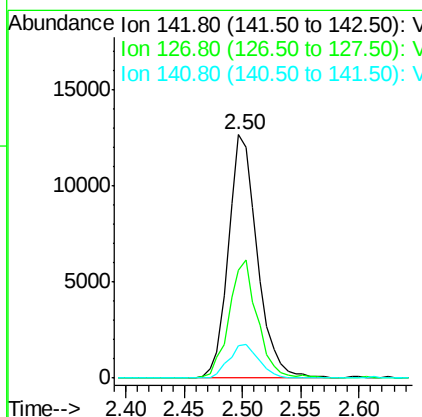
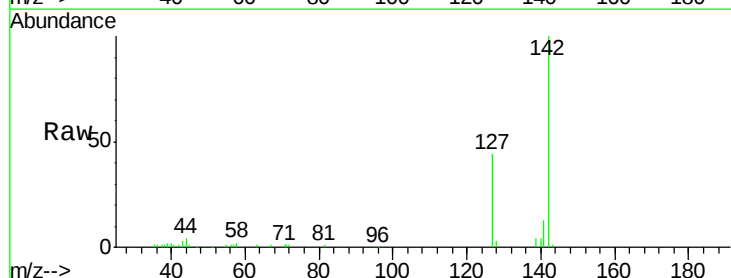
RT: 2.50 min Scan# 264

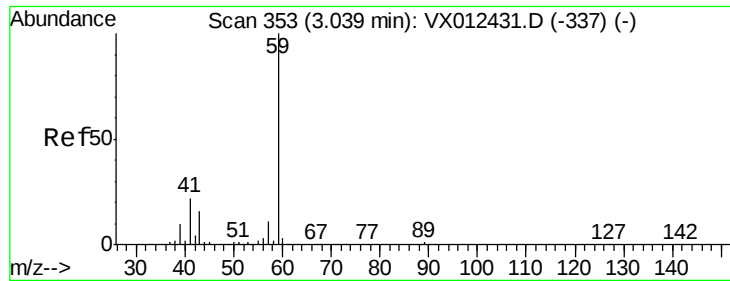
Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Tgt Ion:	142	Resp:	21846
Ion Ratio	Lower	Upper	
142	100		
127	47.8	40.8	61.2
141	14.3	12.1	18.1





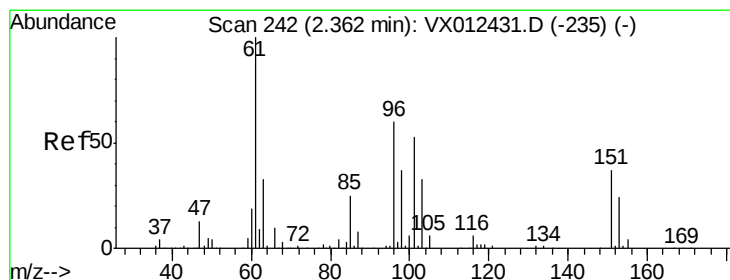
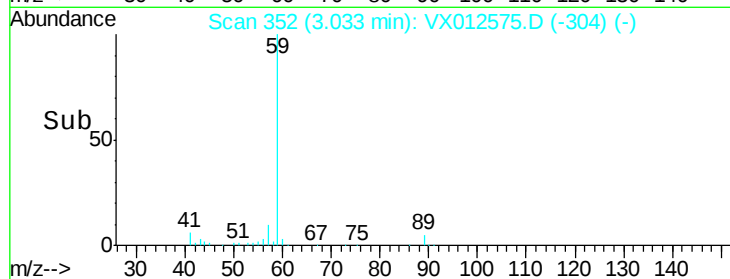
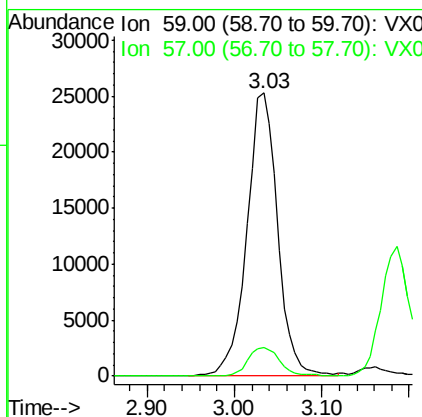
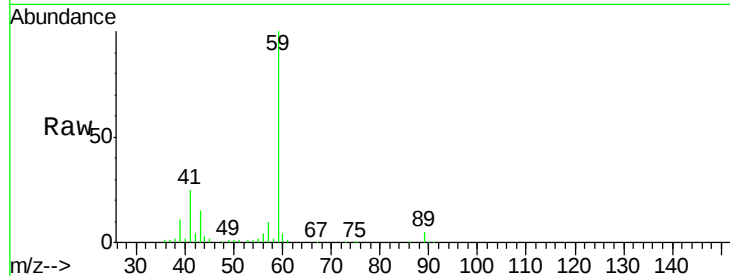
#11
Tert butyl alcohol
Concen: 90.936 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD02

Tot Ion	59	Resp	61801
Ion Ratio	100	Lower	Upper
57	10.5	8.3	12.5

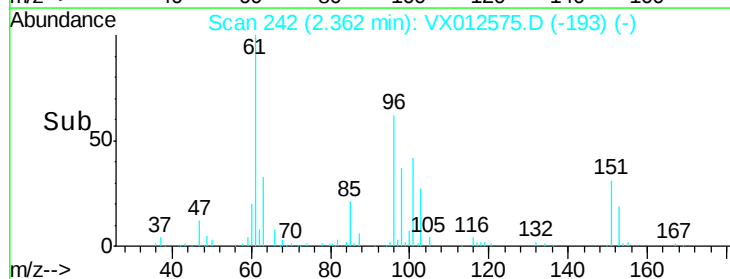
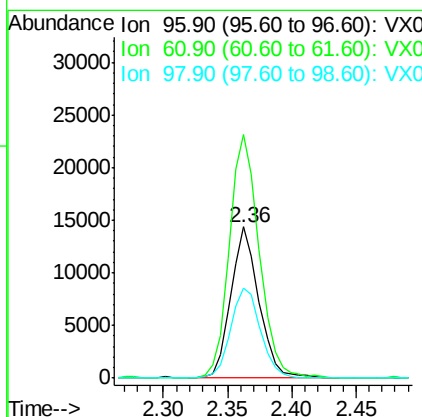
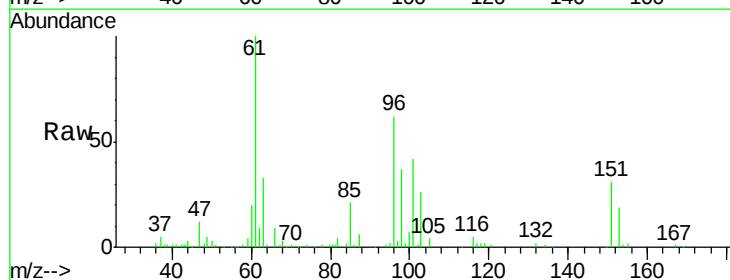
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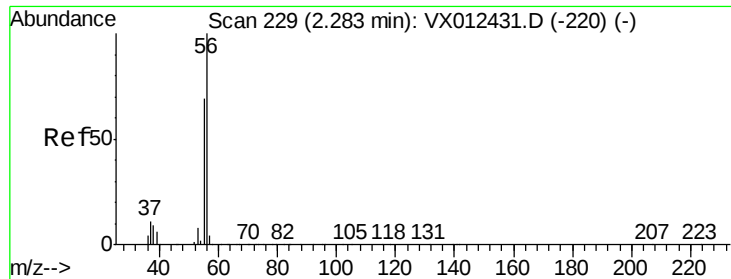
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#12
1,1-Dichloroethene
Concen: 19.472 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Tgt Ion	96	Resp	21988
Ion Ratio	100	Lower	Upper
61	160.8	133.8	200.6
98	59.5	49.9	74.9





#13

Acrolein

Concen: 70.574 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD02

Tot Ion: 56 Resp: 16225

Ion Ratio Lower Upper

56 100

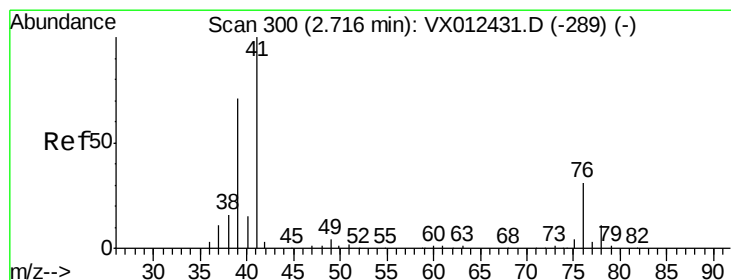
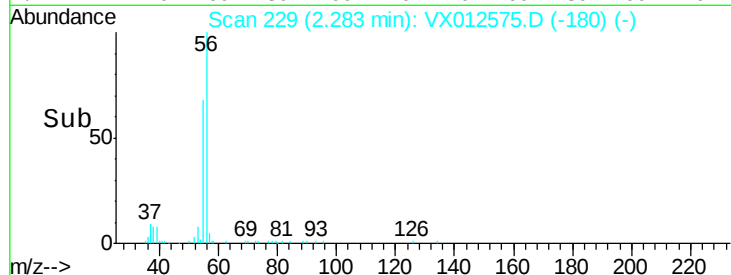
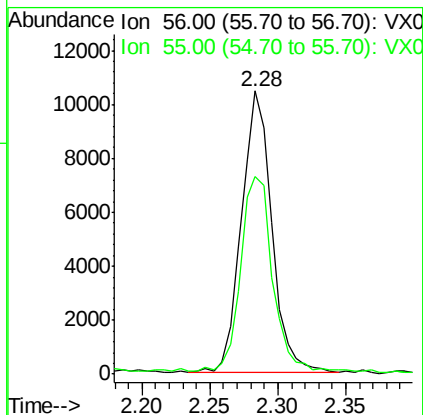
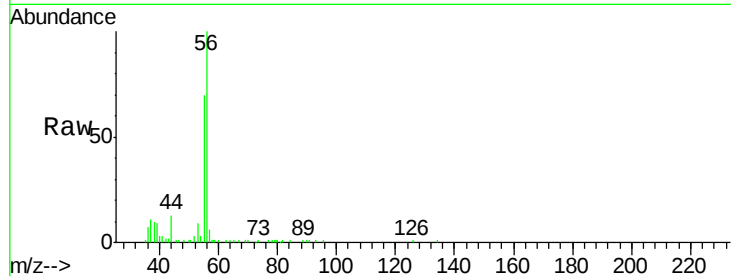
55 73.2 55.8 83.8

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#14

Allyl chloride

Concen: 18.399 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

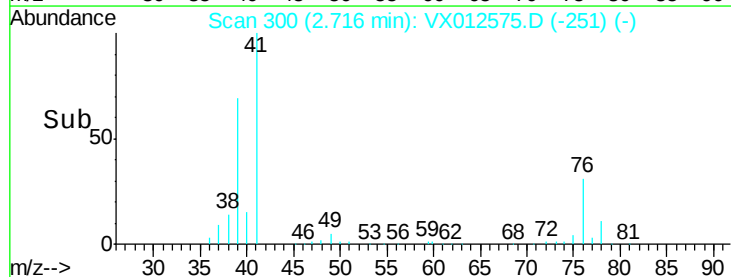
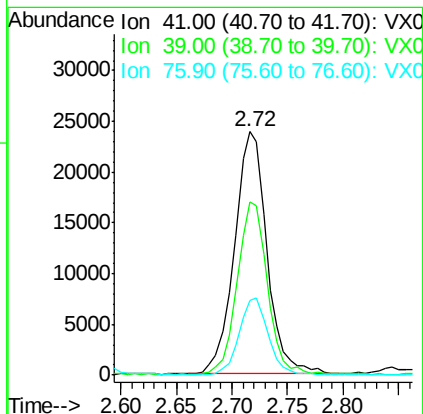
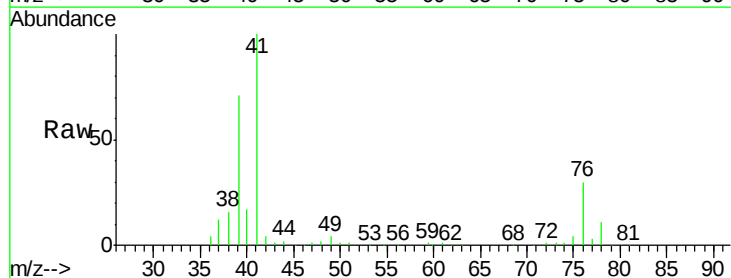
Tgt Ion: 41 Resp: 48370

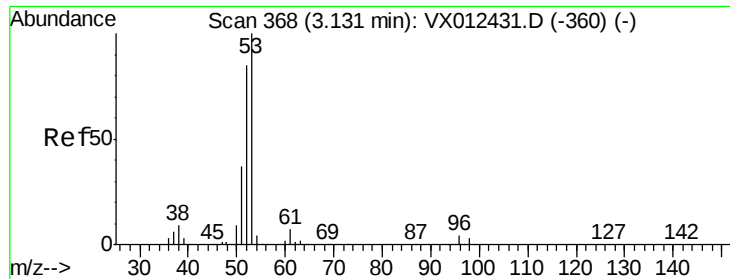
Ion Ratio Lower Upper

41 100

39 67.1 51.3 76.9

76 28.4 22.6 33.8





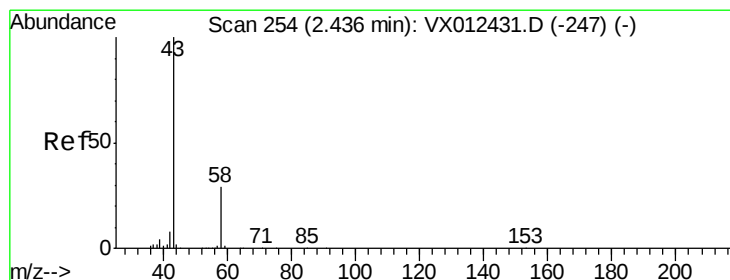
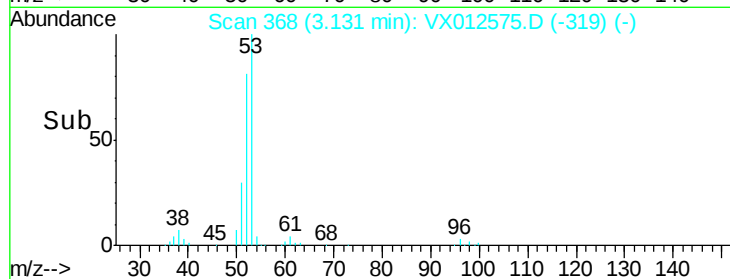
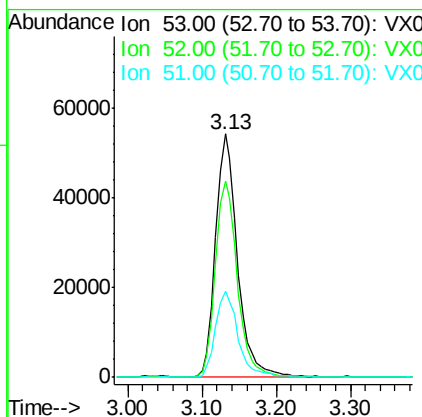
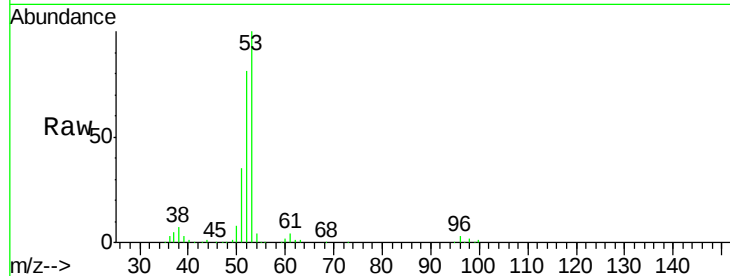
#15
 Acrylonitrile
 Concen: 98.471 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD02

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.9	67.0	100.4
51	36.4	29.6	44.4

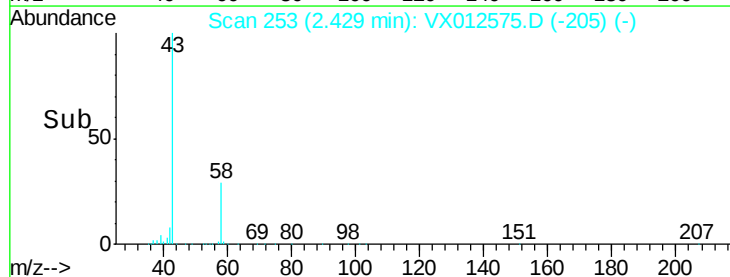
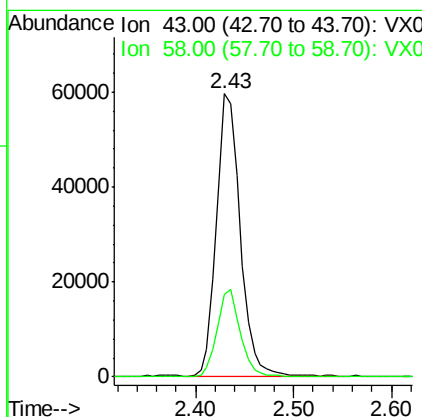
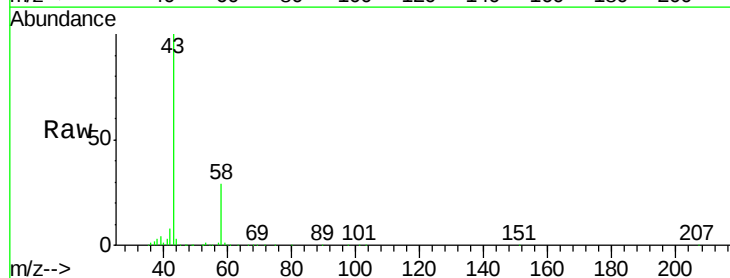
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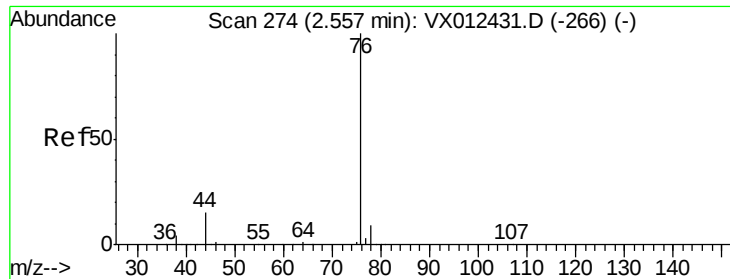
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#16
 Acetone
 Concen: 80.207 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.3	34.9





#17

Carbon Disulfide

Concen: 16.827 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD02

Tot Ion: 76 Resp: 24887

Ion Ratio Lower Upper

76 100

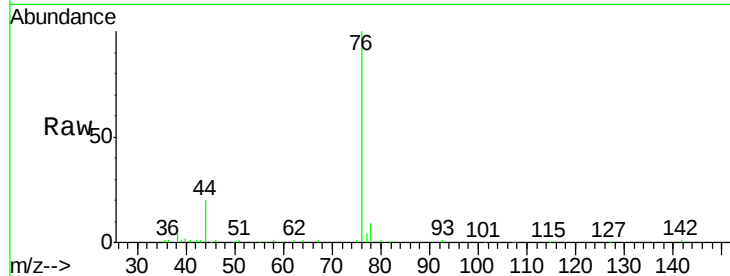
78 8.9 7.3 10.9

Manual Integrations

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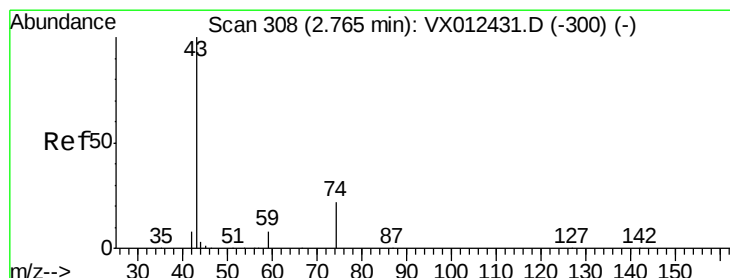
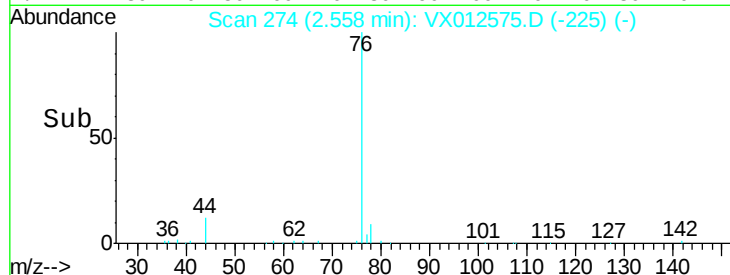
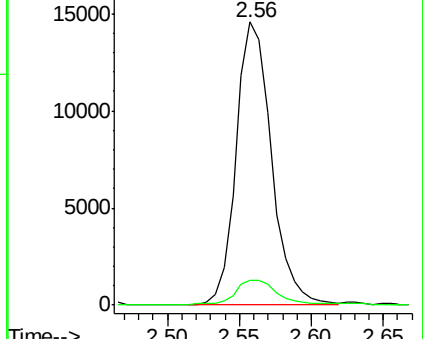
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.797 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012575.D

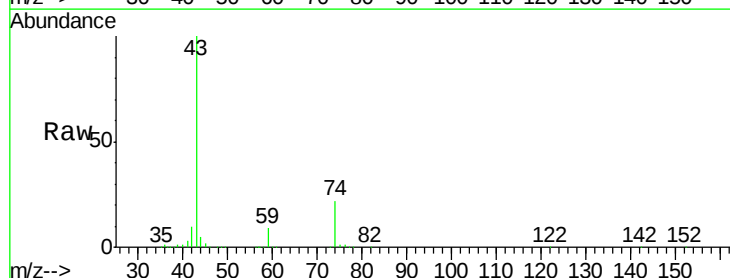
Acq: 20 Sep 2019 22:59

Tgt Ion: 43 Resp: 53103

Ion Ratio Lower Upper

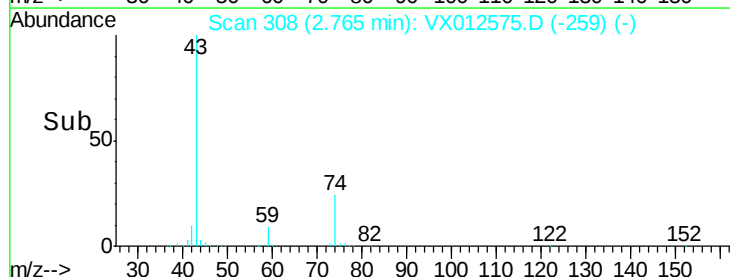
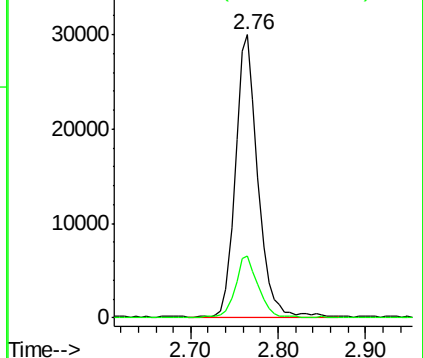
43 100

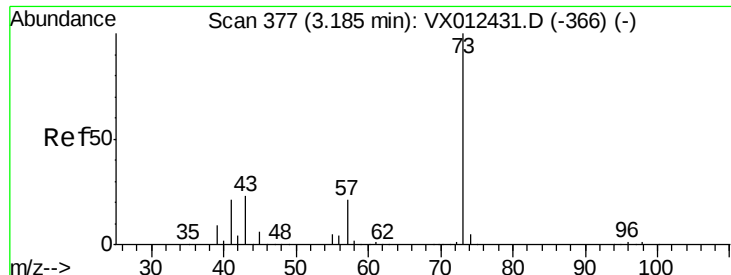
74 23.0 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





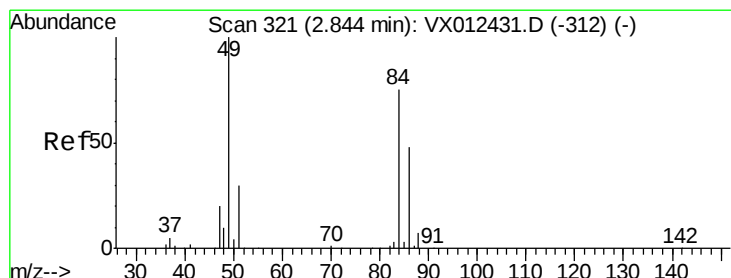
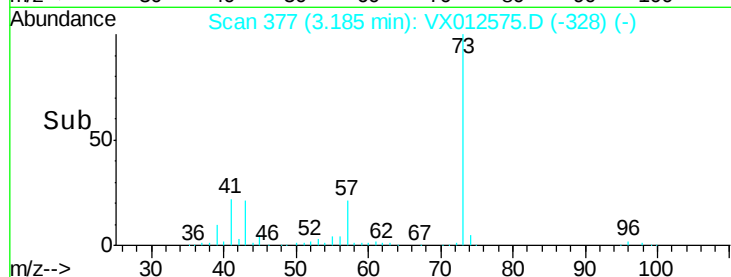
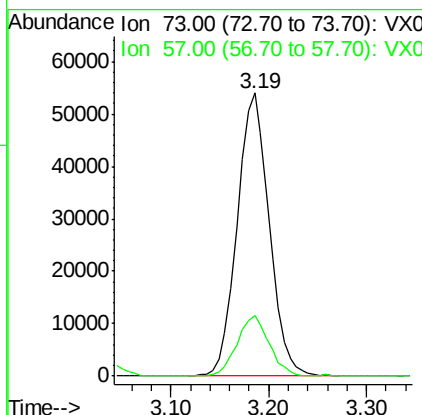
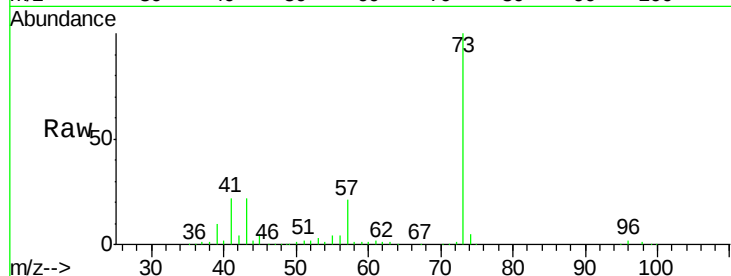
#19
Methvl tert-butvl Ether
Concen: 19.934 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.8	25.2

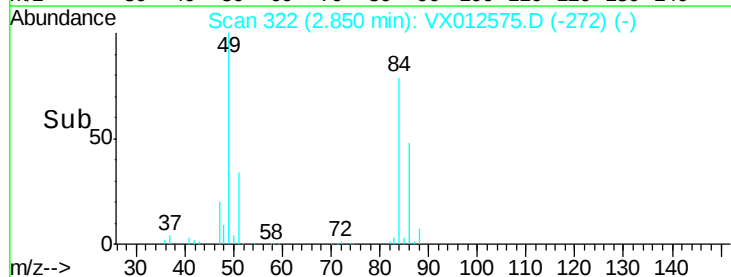
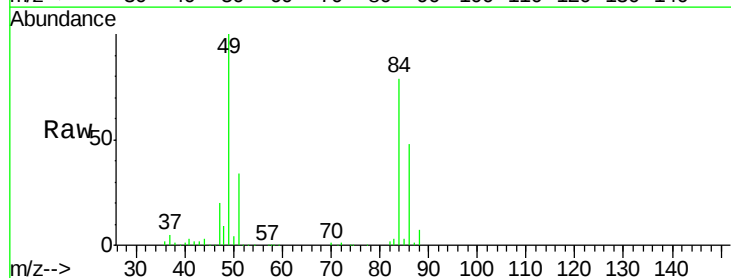
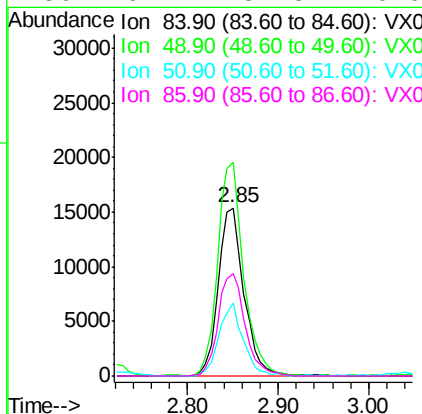
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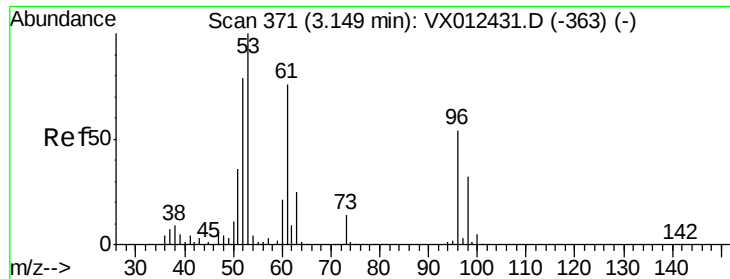
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#20
Methylene Chloride
Concen: 19.538 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.4	106.8	160.2
51	43.2	32.3	48.5
86	61.1	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 19.325 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD02

Tot Ion: 96 Resp: 22661

Ion Ratio Lower Upper

96 100

61 134.5 112.0 168.0

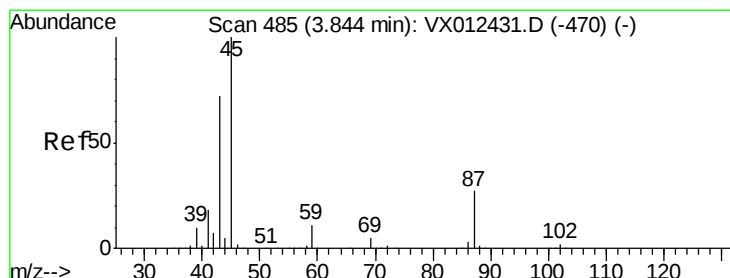
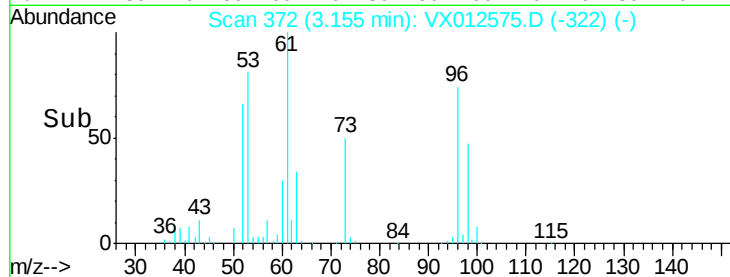
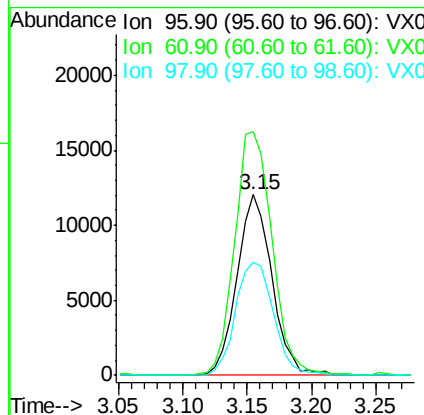
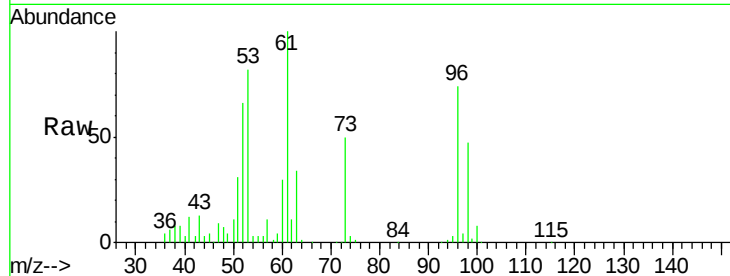
98 62.9 47.8 71.8

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#22

Diisopropyl ether

Concen: 19.694 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Tgt Ion: 45 Resp: 121225

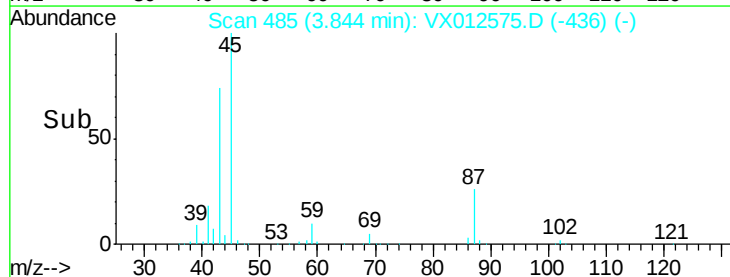
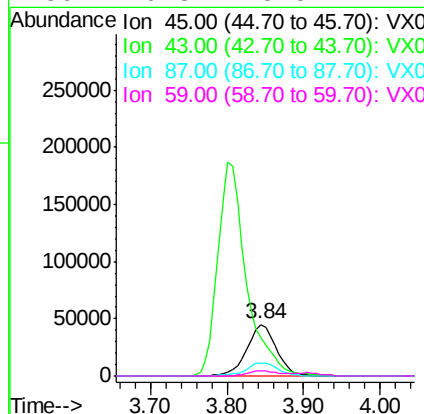
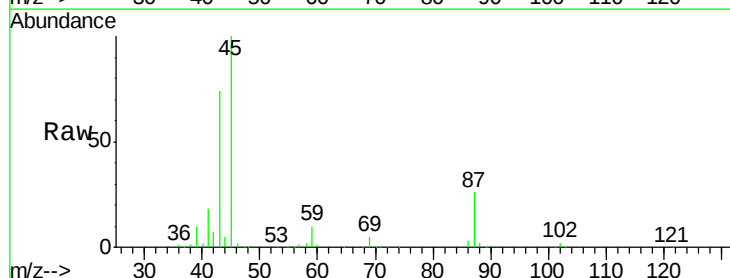
Ion Ratio Lower Upper

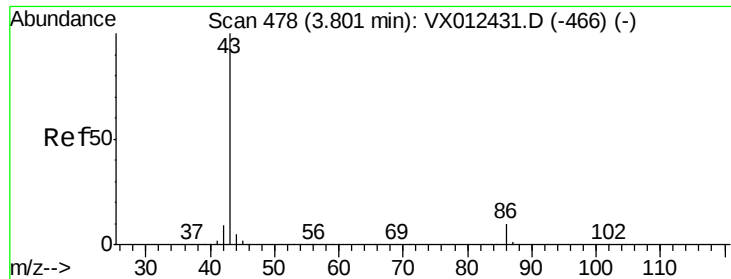
45 100

43 73.3 57.8 86.8

87 25.9 21.3 31.9

59 10.3 8.5 12.7





#23

Vinyl Acetate

Concen: 96.321 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD02

Tot Ion: 43 Resp: 487733

Ion Ratio Lower Upper

43 100

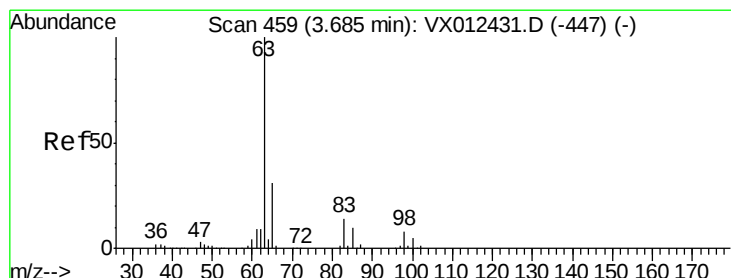
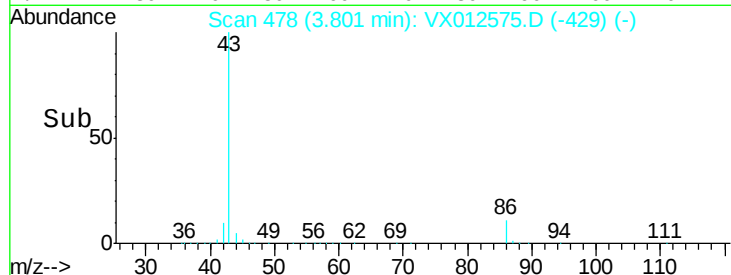
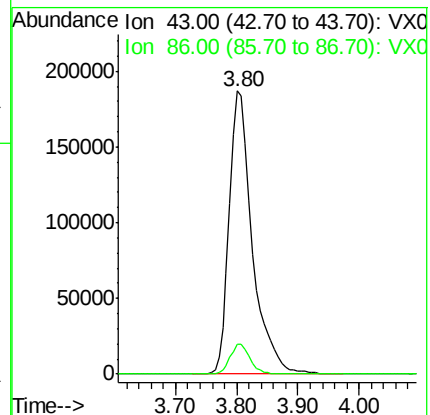
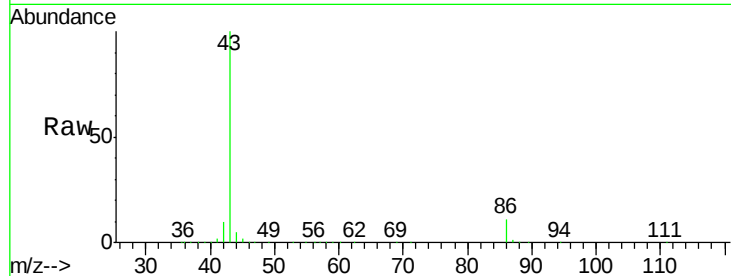
86 10.6 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 19.952 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

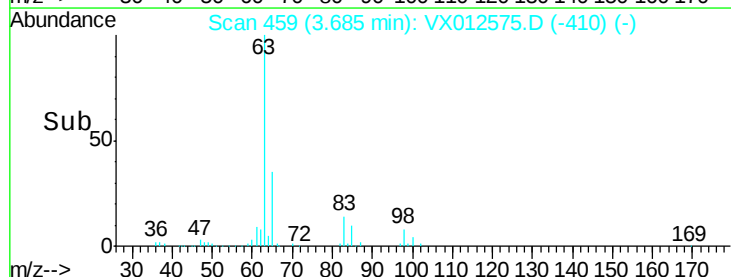
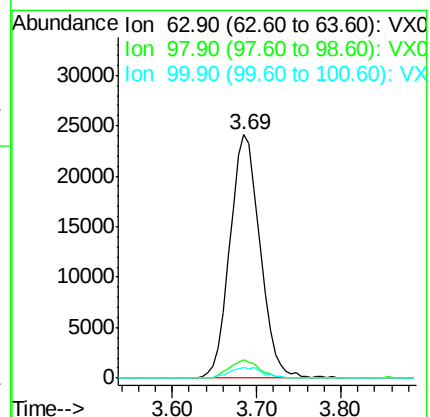
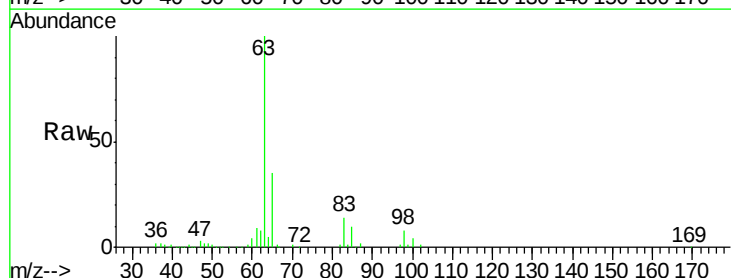
Tgt Ion: 63 Resp: 58763

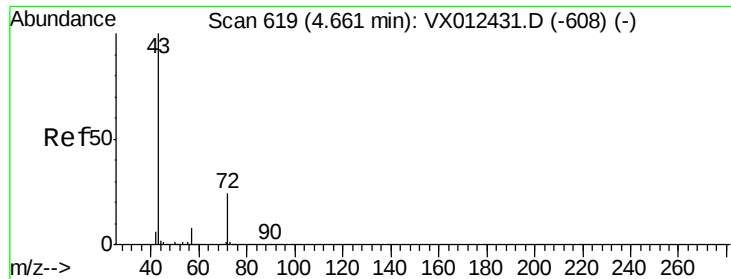
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 4.2 2.3 6.9





#25

2-Butanone

Concen: 90.227 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD02

Tot Ion: 43 Resp: 161110

Ion Ratio Lower Upper

43 100

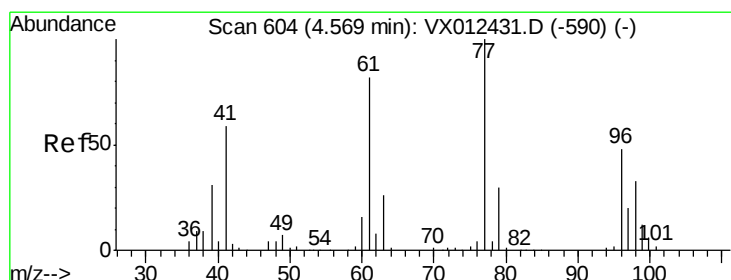
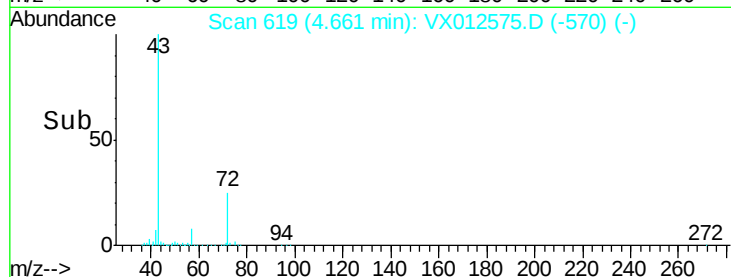
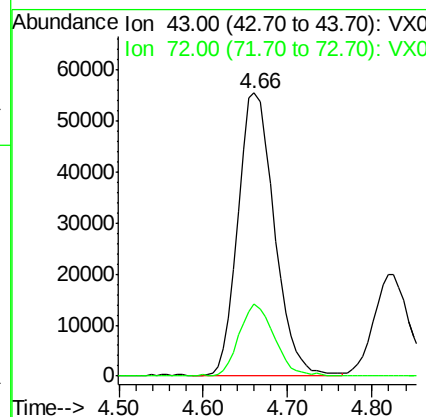
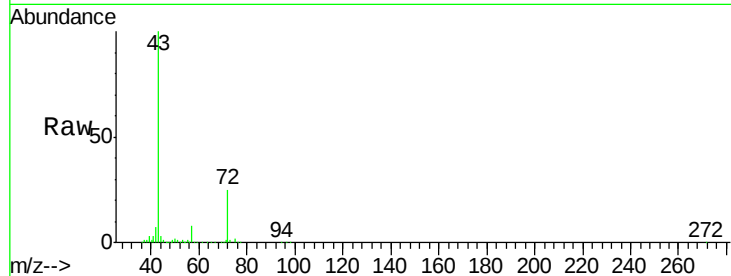
72 25.3 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 15.366 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012575.D

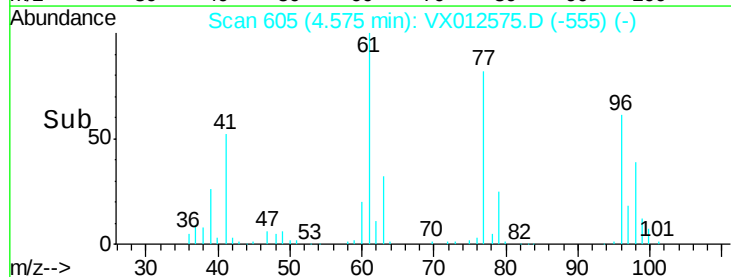
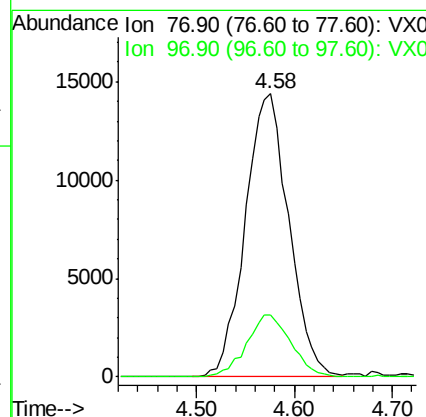
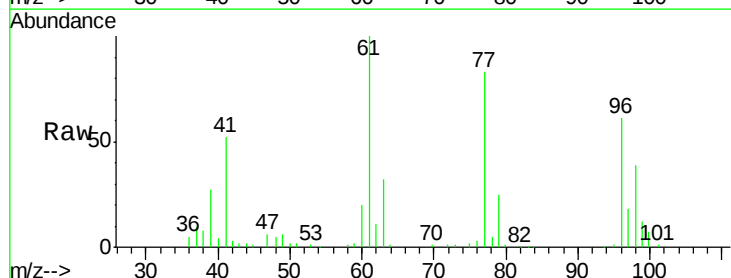
Acq: 20 Sep 2019 22:59

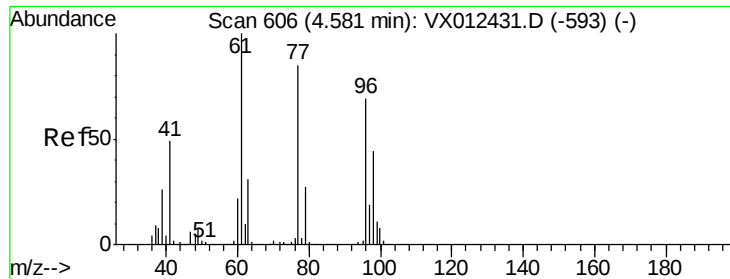
Tgt Ion: 77 Resp: 44507

Ion Ratio Lower Upper

77 100

97 22.3 10.5 31.6





#27

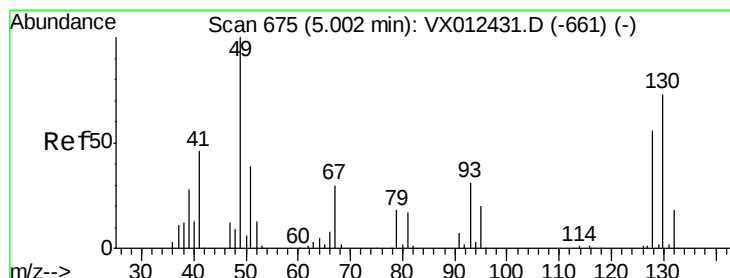
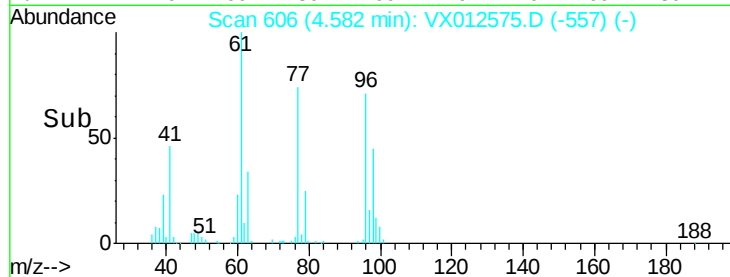
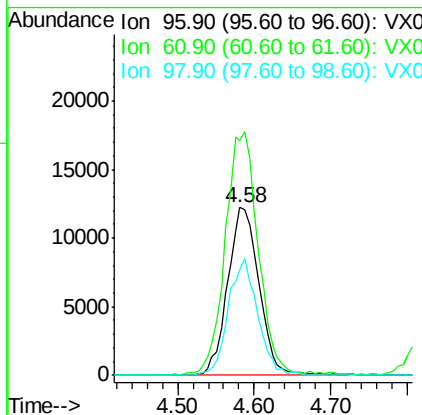
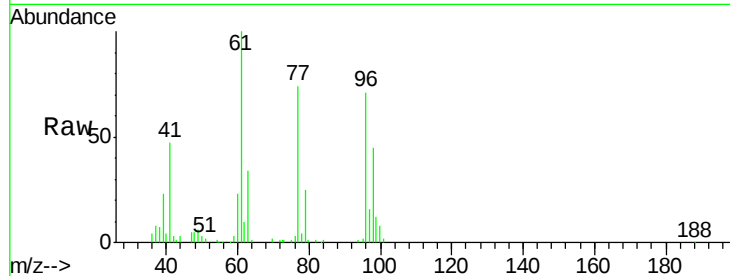
cis-1,2-Dichloroethene
 Concen: 19.834 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	319.4
98	64.8	0.0	130.6

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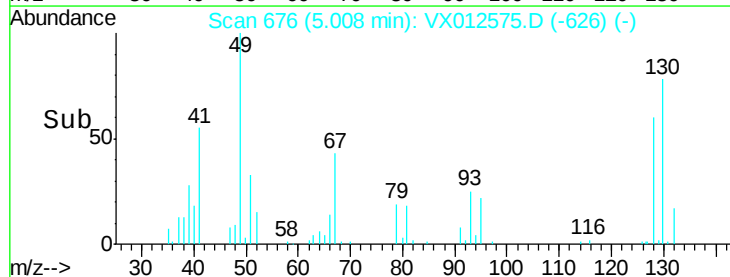
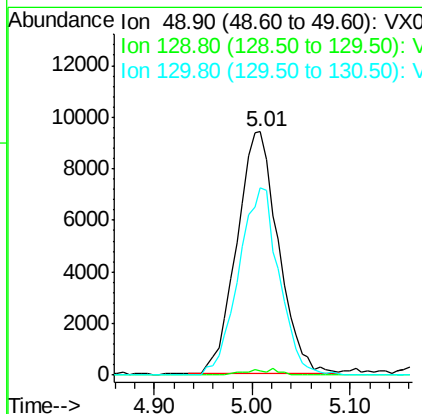
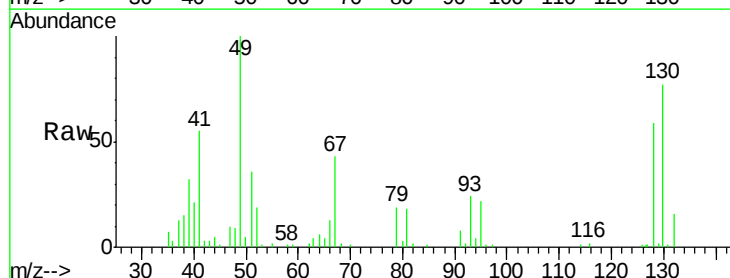
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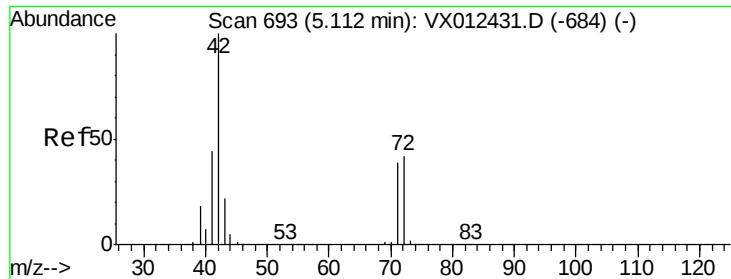


#28

Bromochloromethane
 Concen: 18.135 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	75.8	58.2	87.4





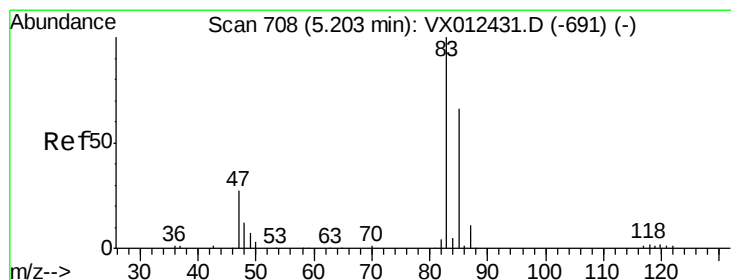
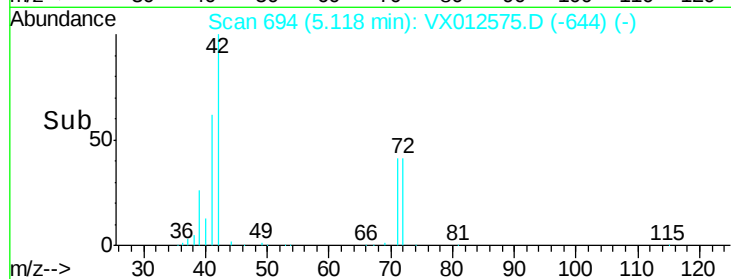
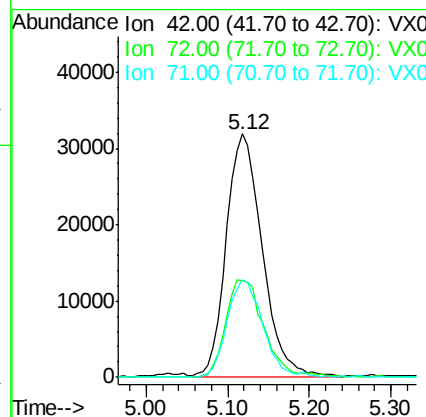
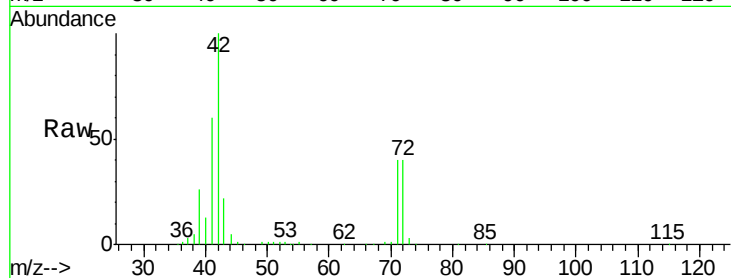
#29
Tetrahydrofuran
Concen: 98.238 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.0	51.0
71	40.4	31.5	47.3

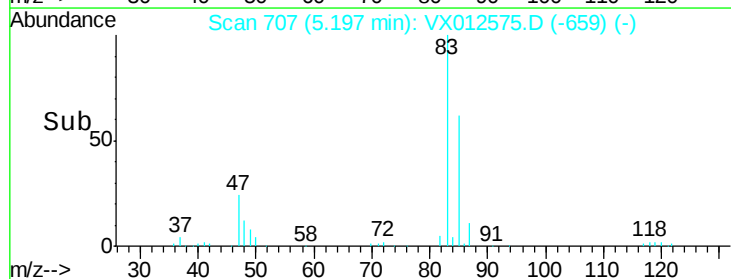
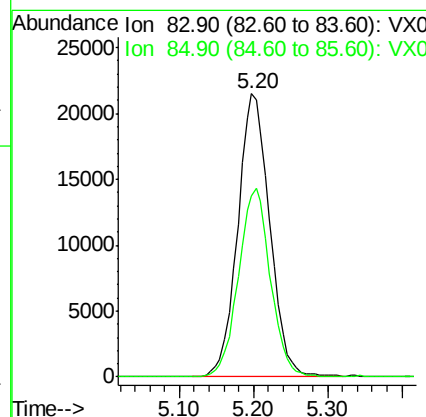
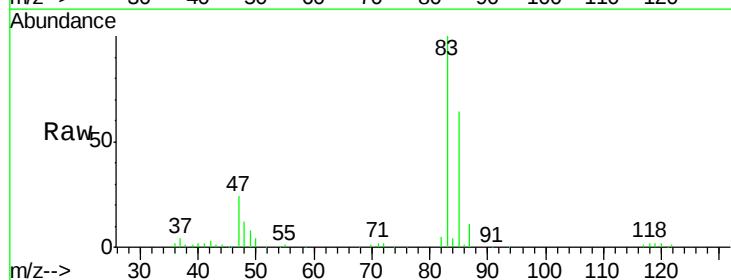
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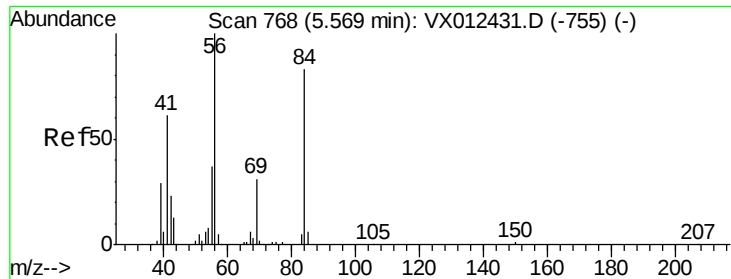
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#30
Chloroform
Concen: 19.138 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	53.0	79.4





#31

Cyclohexane

Concen: 19.312 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

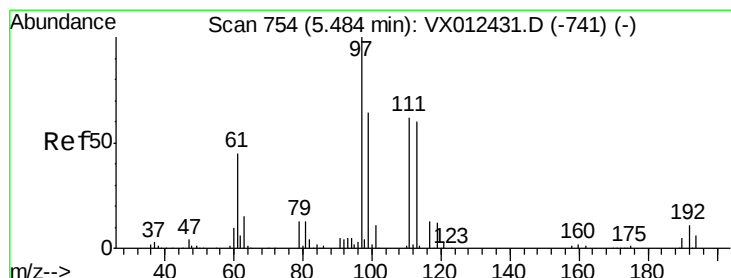
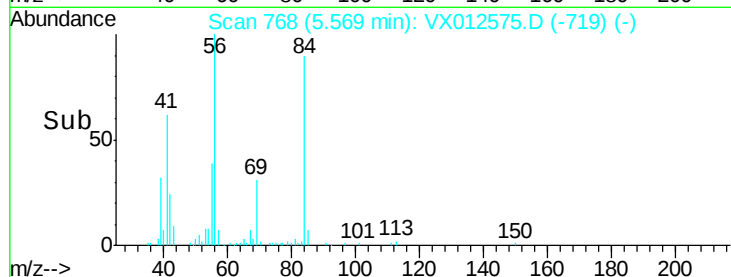
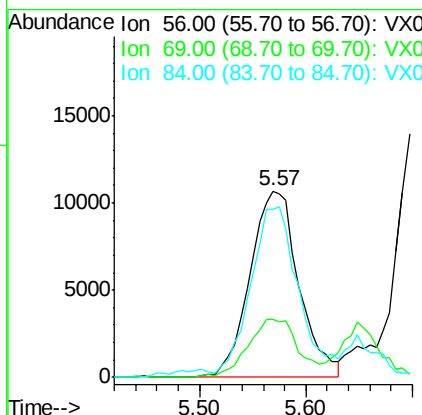
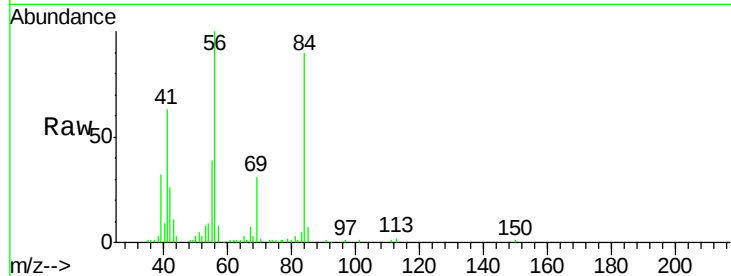
ClientSampleId :

VX0920WBSD02

Tot Ion:	56	Resp:	34335
Ion Ratio	Lower	Upper	
56	100		
69	30.9	25.0	37.6
84	87.3	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 19.001 ug/l

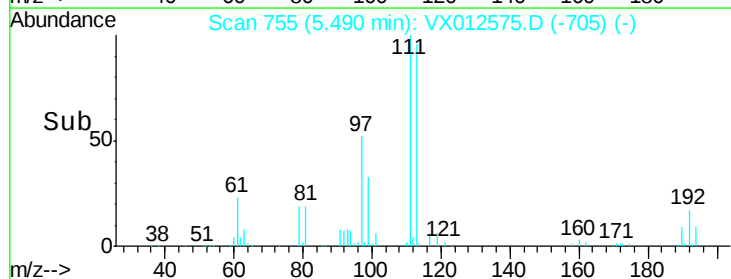
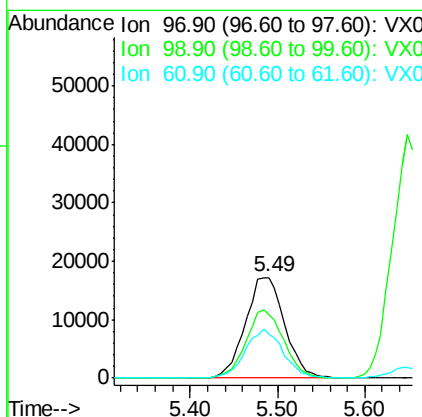
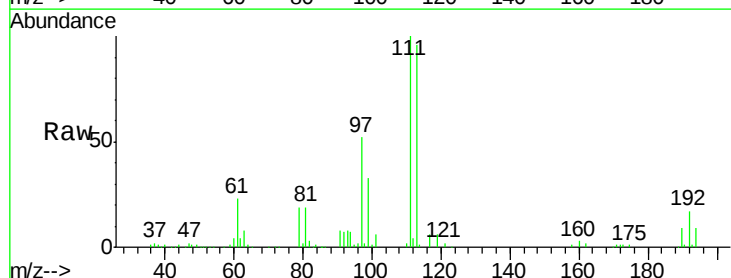
RT: 5.49 min Scan# 755

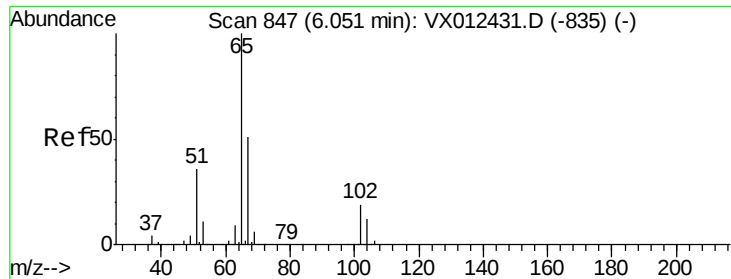
Delta R.T. 0.01 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Tgt Ion:	97	Resp:	53716
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.3	76.9
61	47.0	36.1	54.1





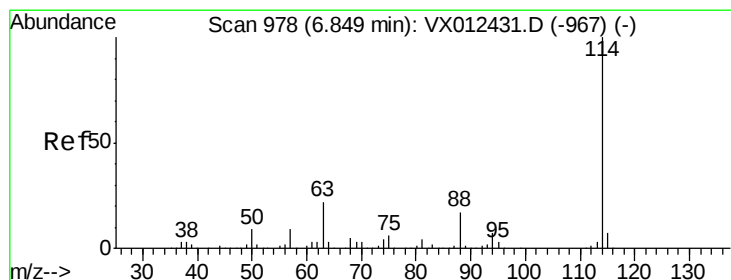
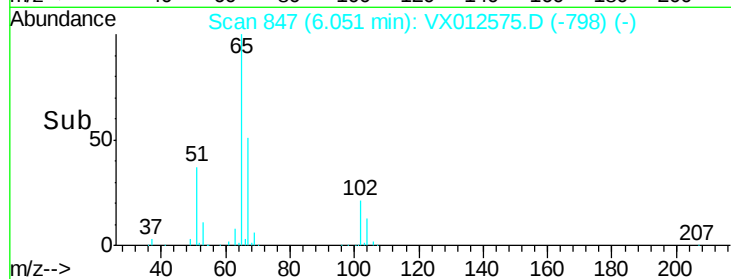
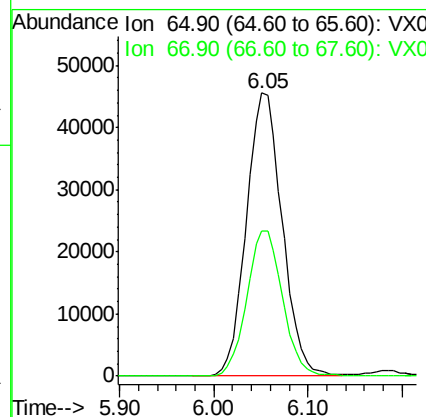
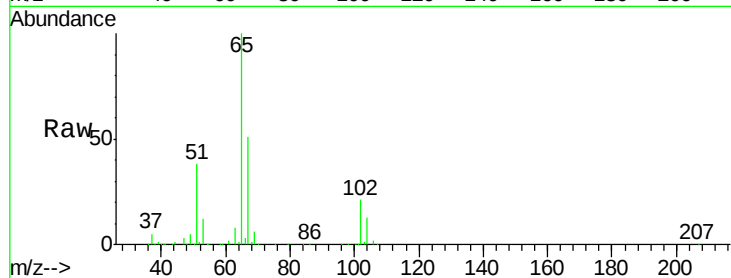
#33
 1,2-Dichloroethane-d4
 Concen: 47.169 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0920WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	121420		
67	51.1	0.0	101.2	

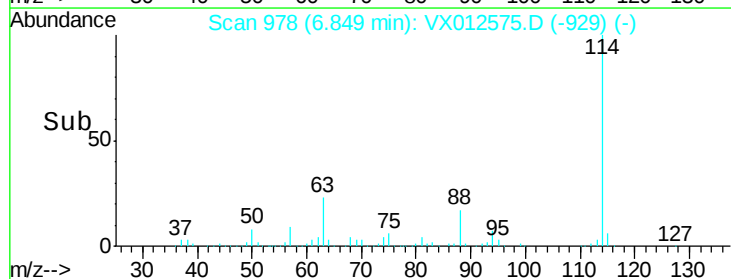
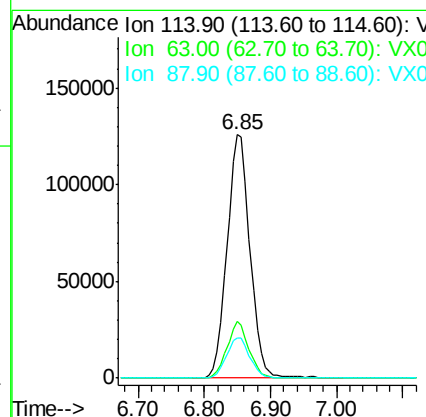
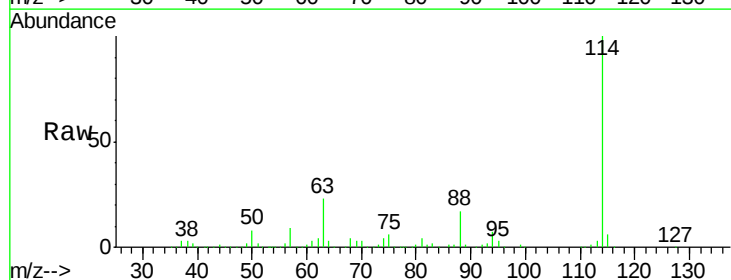
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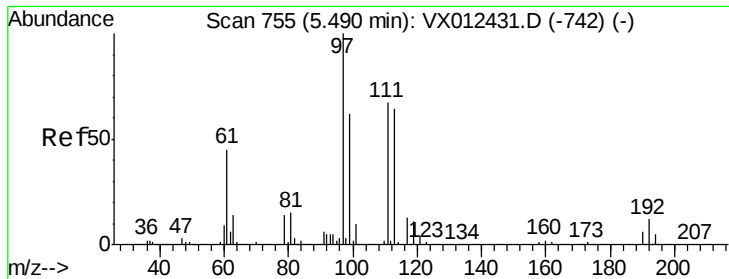
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	301337		
63	23.0	0.0	43.2	
88	16.7	0.0	33.2	





#35

Dibromofluoromethane

Concen: 49.102 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

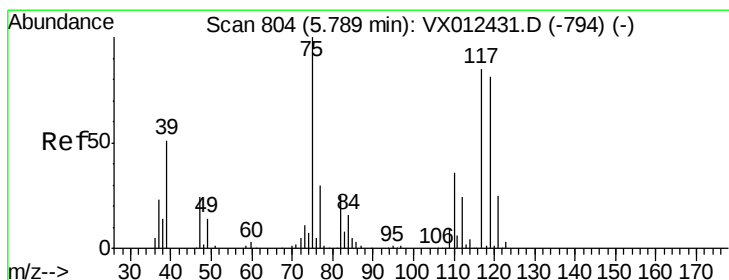
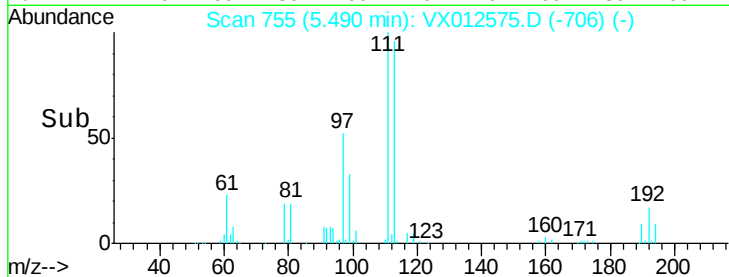
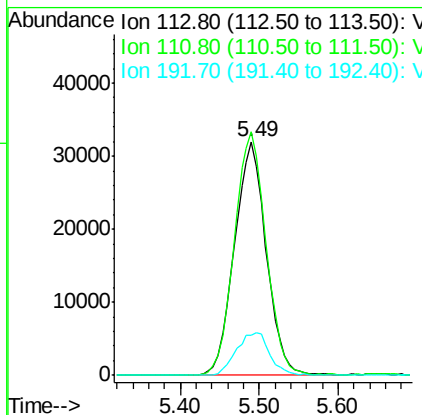
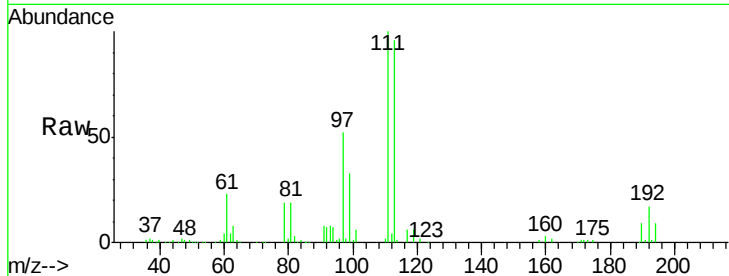
ClientSampleId :

VX0920WBSD02

Tot Ion:	113	Resp:	89555
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.4	125.2
192	19.3	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 19.092 ug/l

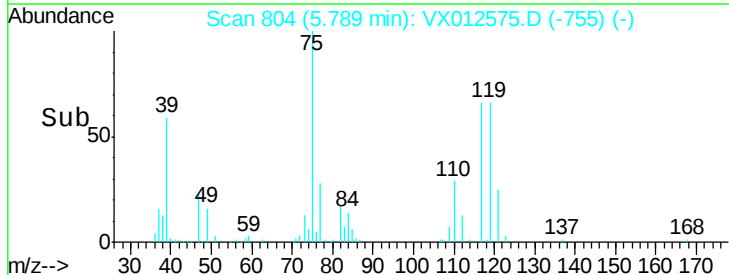
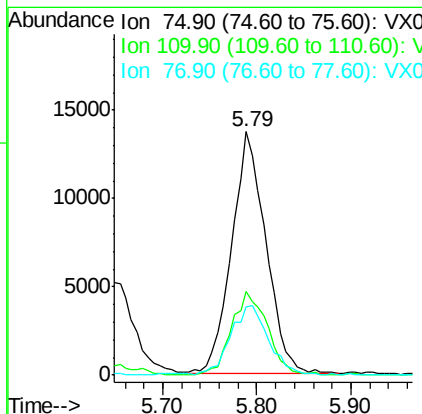
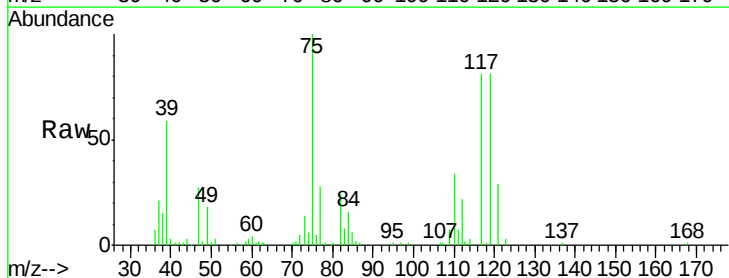
RT: 5.79 min Scan# 804

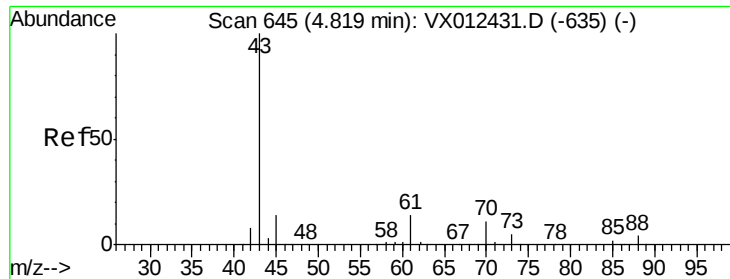
Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Tgt Ion:	75	Resp:	34964
Ion	Ratio	Lower	Upper
75	100		
110	36.0	16.7	50.0
77	31.6	24.2	36.2





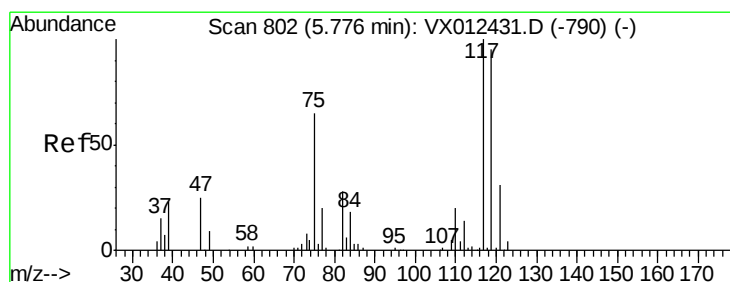
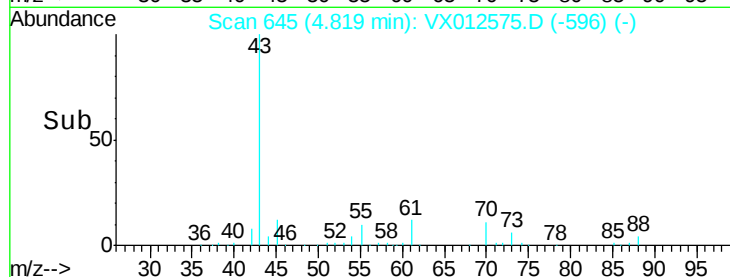
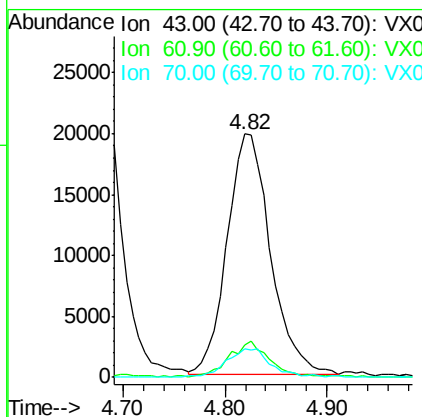
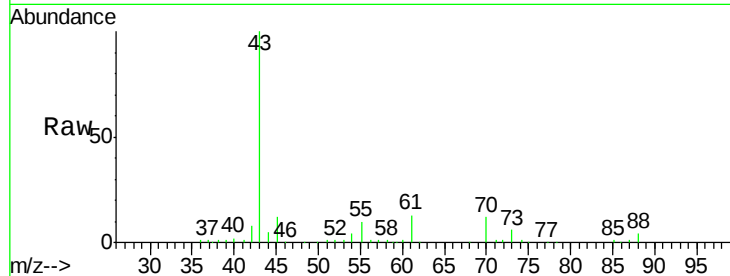
#37
Ethyl Acetate
Concen: 20.701 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.2	15.4
70	12.1	8.7	13.1

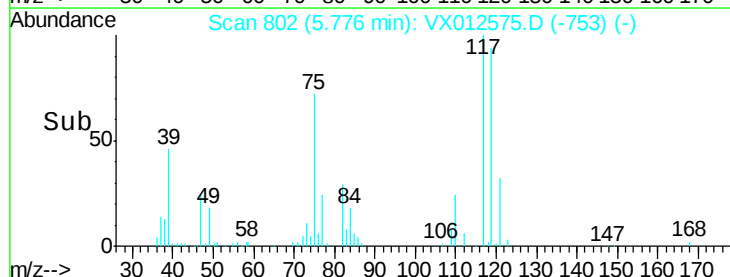
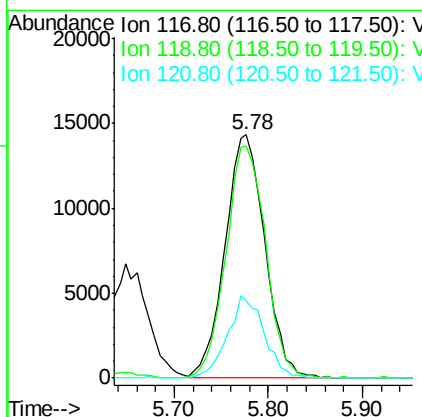
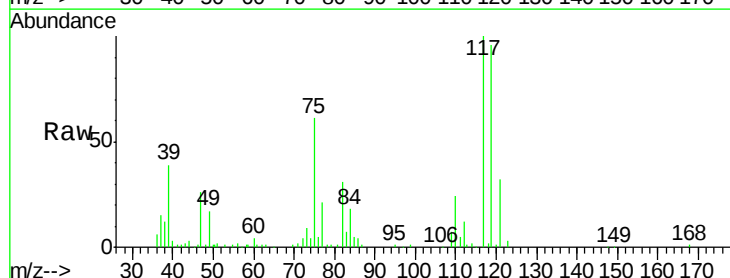
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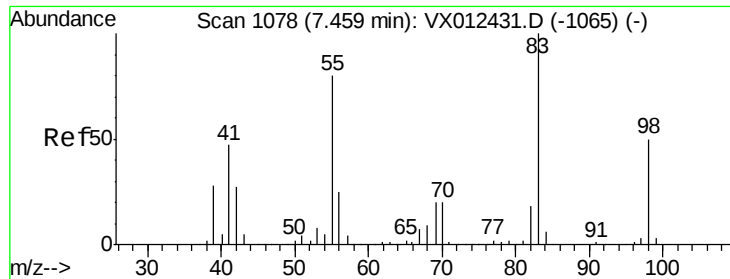
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#38
Carbon Tetrachloride
Concen: 18.558 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.7	113.5
121	31.9	24.2	36.4





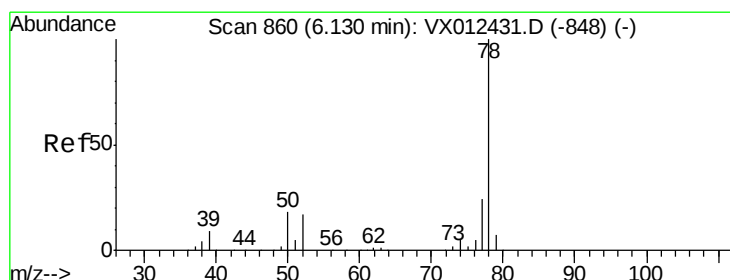
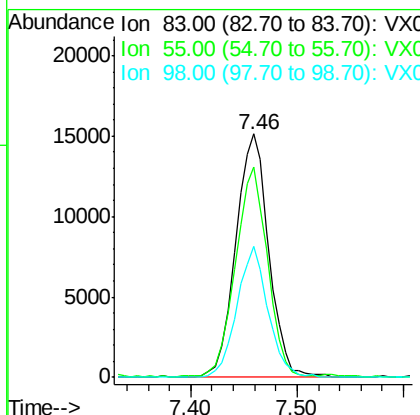
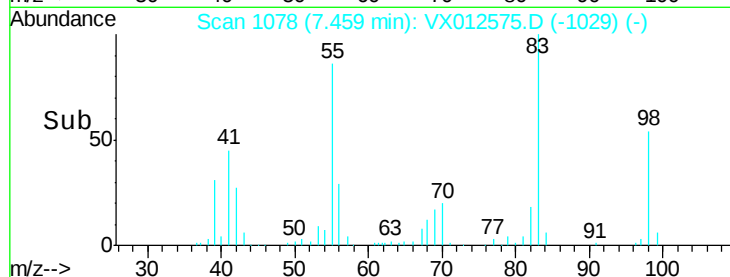
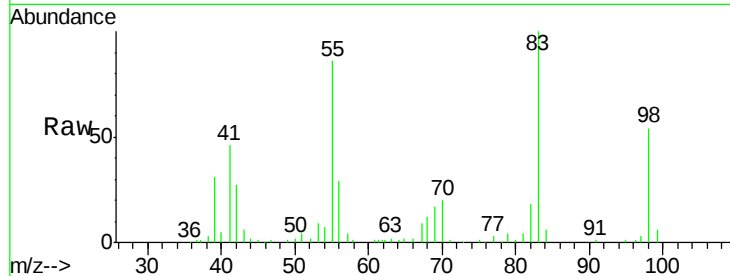
#39
Methvlcvclohexane
Concen: 18.500 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	85.8	64.4	96.6	
98	53.7	40.1	60.1	

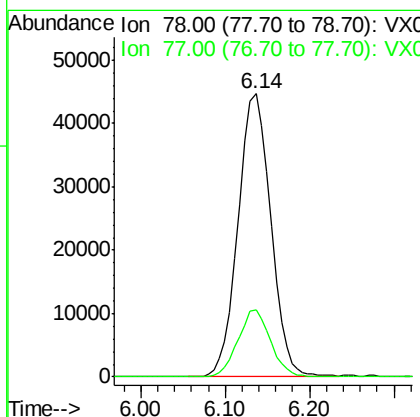
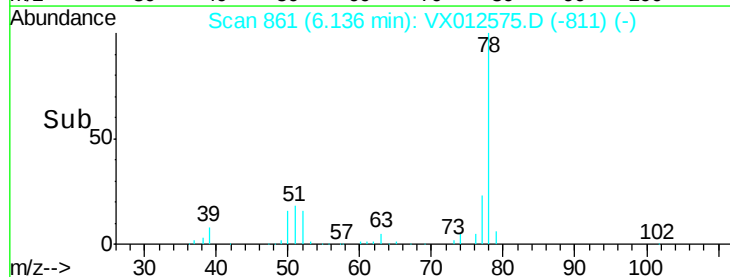
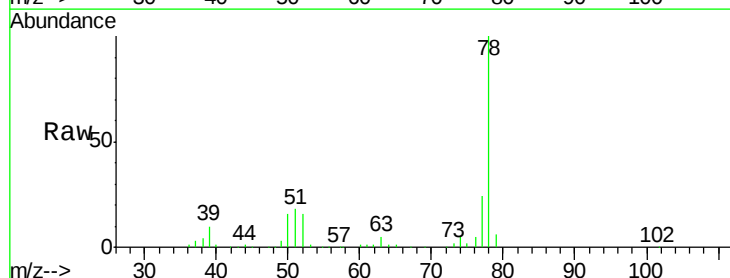
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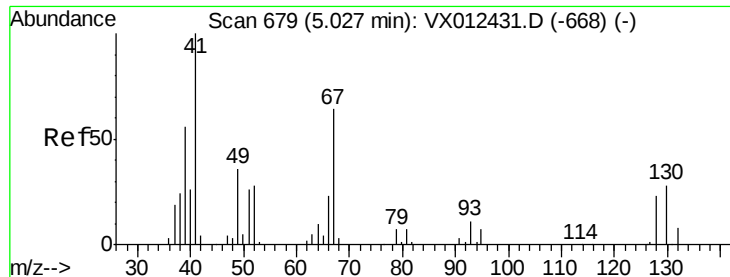
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#40
Benzene
Concen: 20.226 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	19.2	28.8	





#41

Methacrylonitrile

Concen: 18.366 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD02

Tot Ion: 41 Resp: 33245

Ion Ratio Lower Upper

41 100

39 57.7 46.0 69.0

67 70.8 52.2 78.2

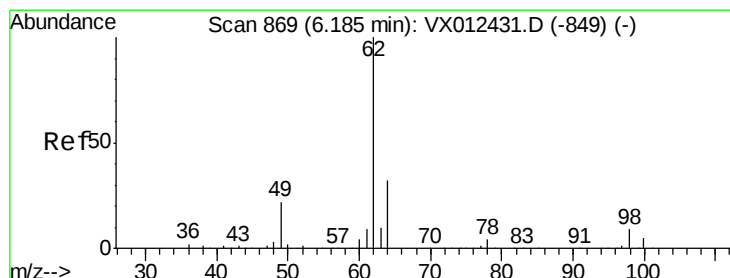
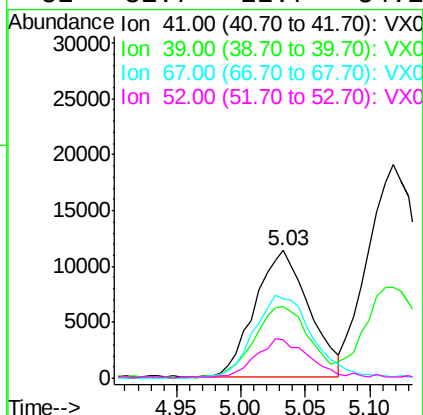
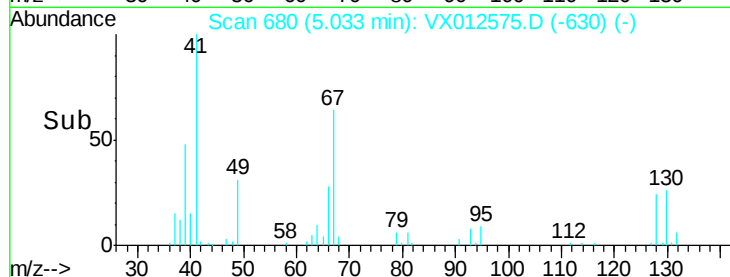
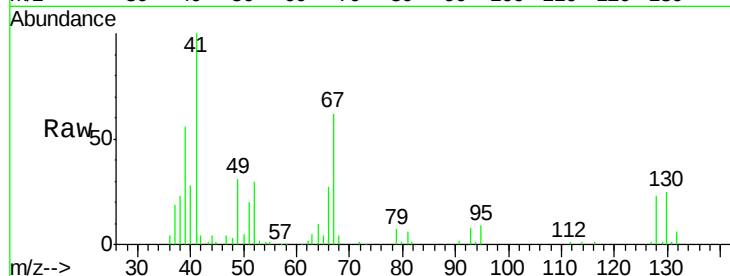
52 31.7 22.7 34.1

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#42

1,2-Dichloroethane

Concen: 19.472 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012575.D

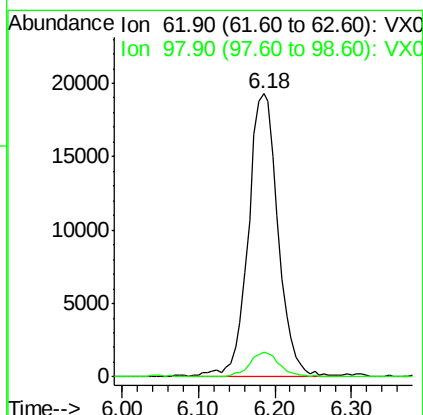
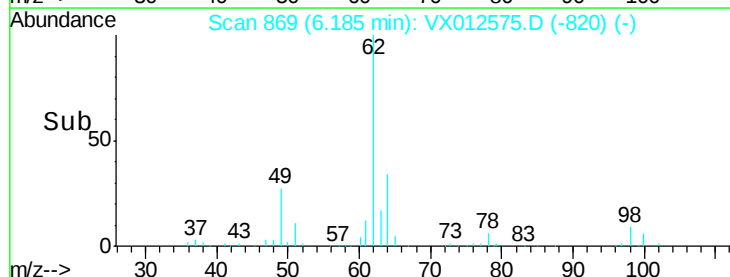
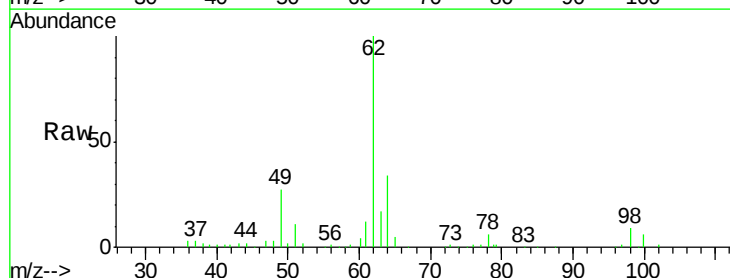
Acq: 20 Sep 2019 22:59

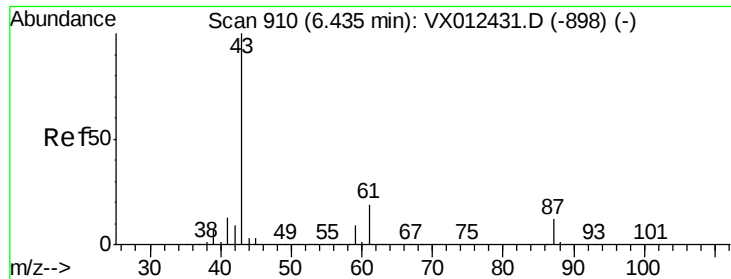
Tgt Ion: 62 Resp: 52597

Ion Ratio Lower Upper

62 100

98 8.8 0.0 17.8





#43

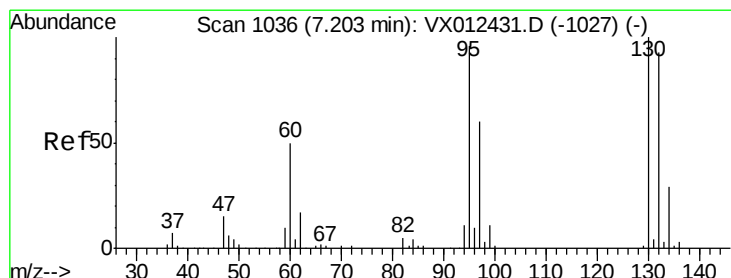
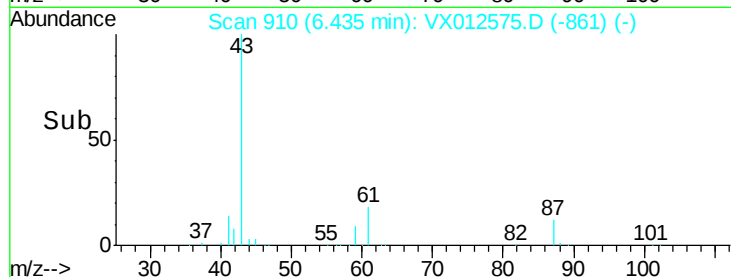
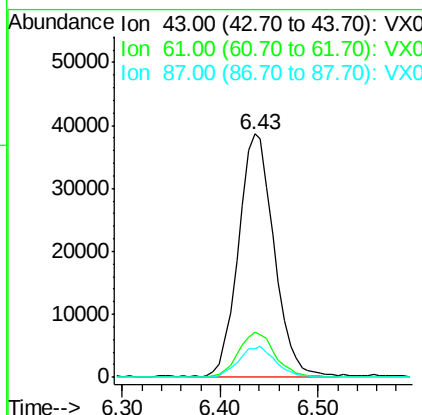
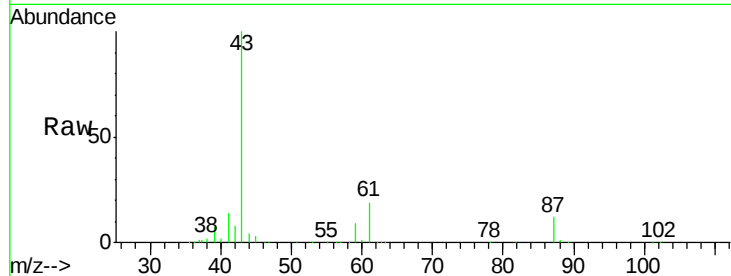
Isopropyl Acetate
 Concen: 19.230 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0920WBSD02

Tot Ion	43	61	87
Resp	97025		
Ratio	100	19.3	13.4
Lower		15.4	9.8
Upper		23.0	14.8

Manual Integrations
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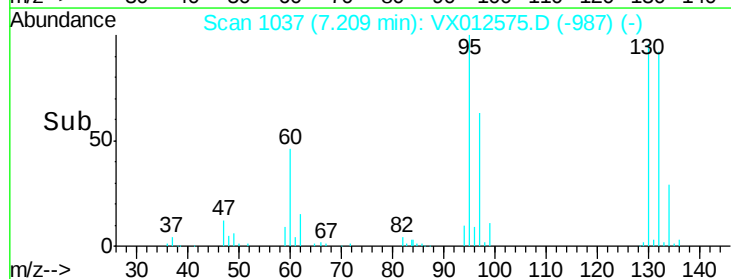
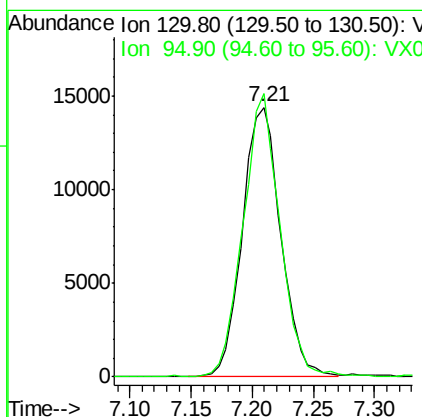
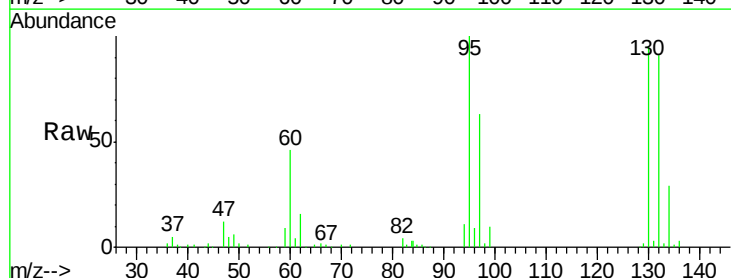
MMDadoda
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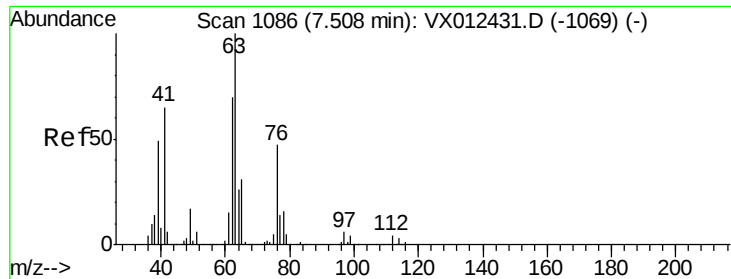


#44

Trichloroethene
 Concen: 20.536 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Tgt Ion	130	95
Resp	31460	
Ratio	100	105.1
Lower		0.0
Upper		193.0





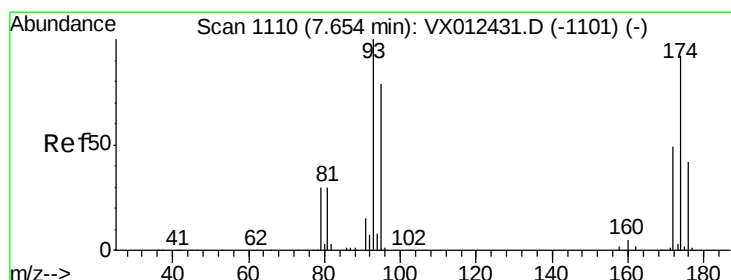
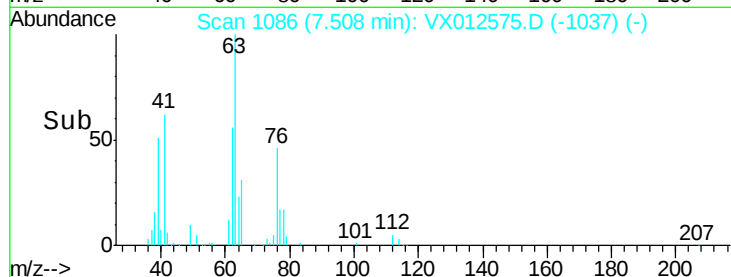
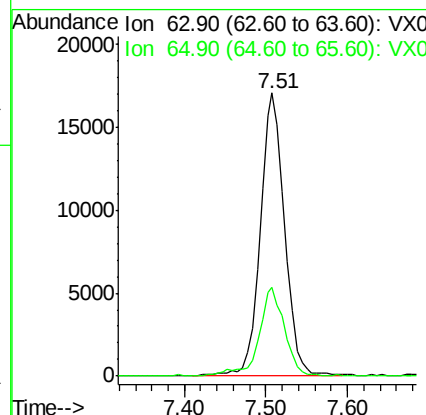
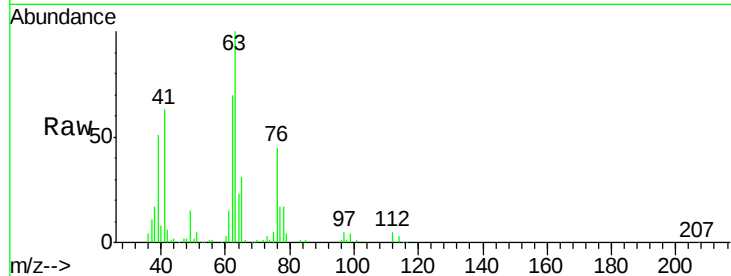
#45
 1,2-Dichloropropane
 Concen: 19.937 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD02

Tot Ion: 63 Resp: 35671
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6

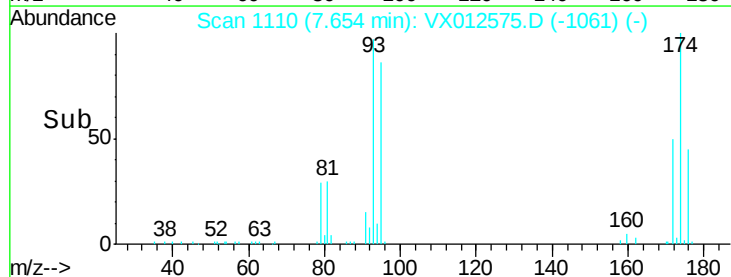
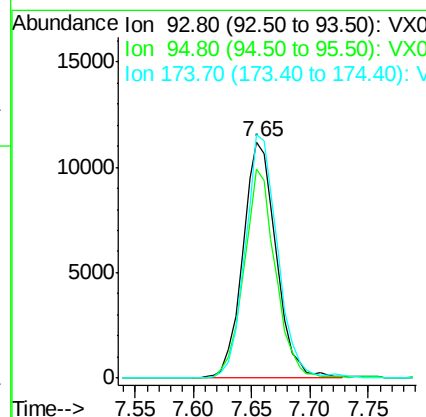
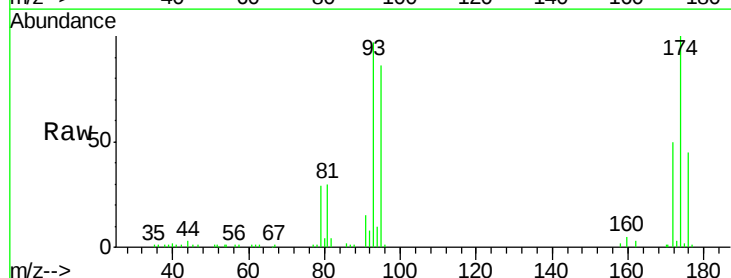
Manual Integrations
 APPROVED

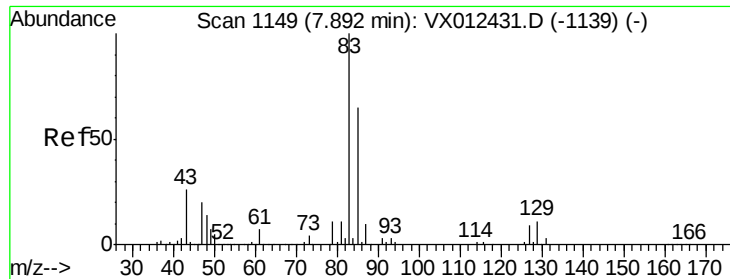
MMDadoda
 9/23/2019 11:28:56 AM



#46
 Dibromomethane
 Concen: 19.265 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Tgt Ion: 93 Resp: 22306
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 100.0
 174 100.5 77.4 116.0





#47

Bromodichloromethane

Concen: 18.652 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

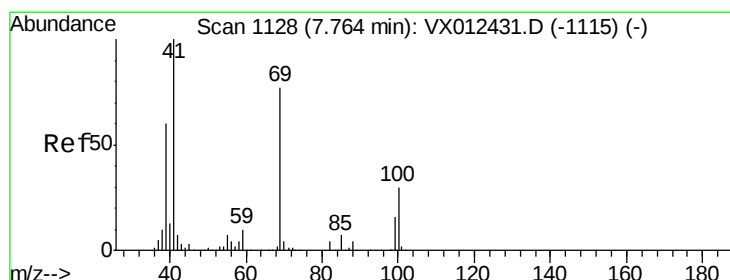
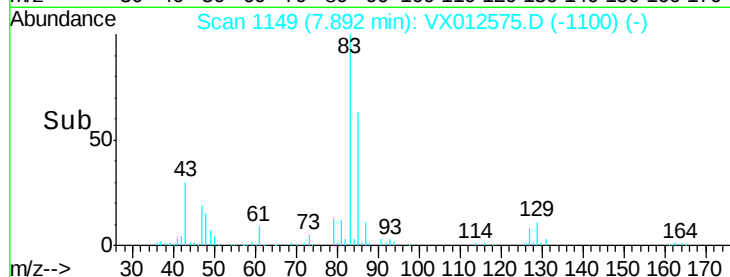
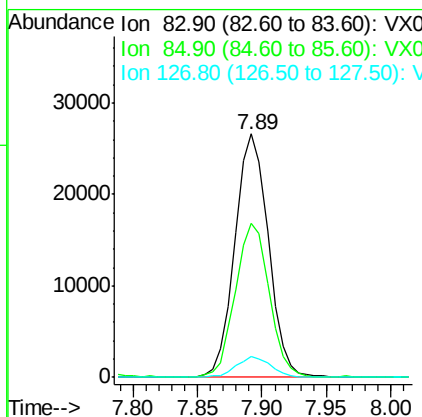
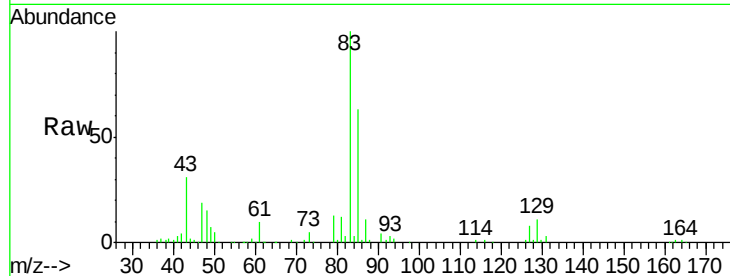
ClientSampleId :

VX0920WBSD02

Tot Ion:	83	Resp:	48084
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.6
127	8.4	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.757 ug/l

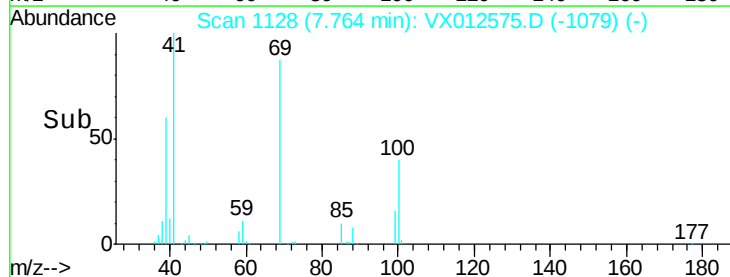
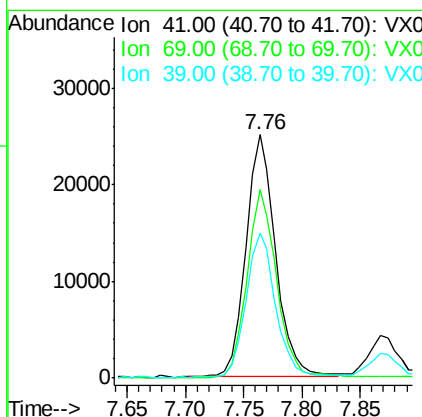
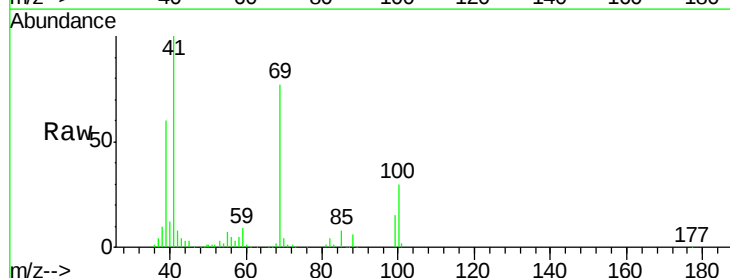
RT: 7.76 min Scan# 1128

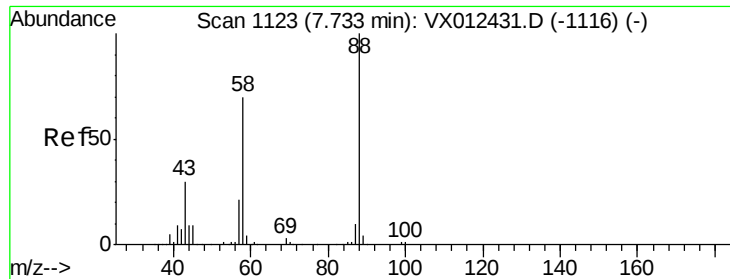
Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Tgt Ion:	41	Resp:	44613
Ion	Ratio	Lower	Upper
41	100		
69	78.7	59.9	89.9
39	59.7	47.8	71.6





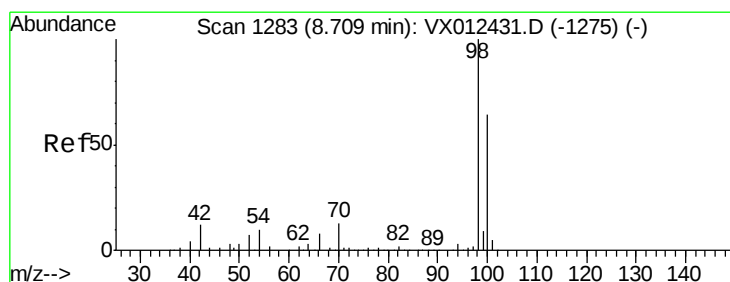
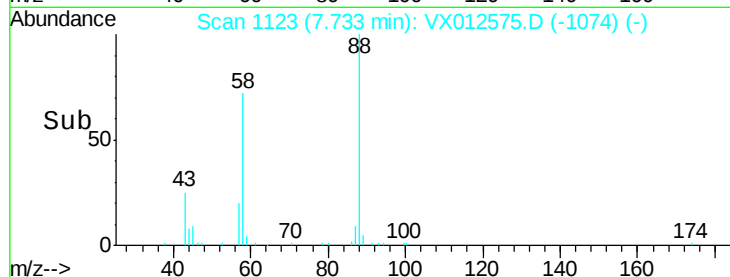
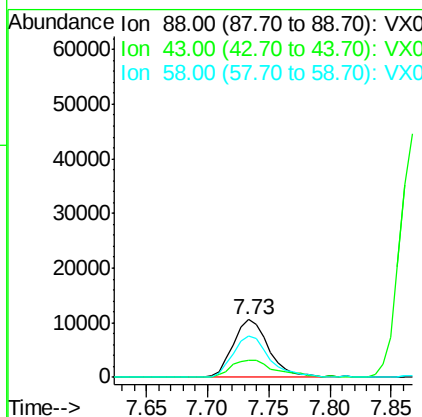
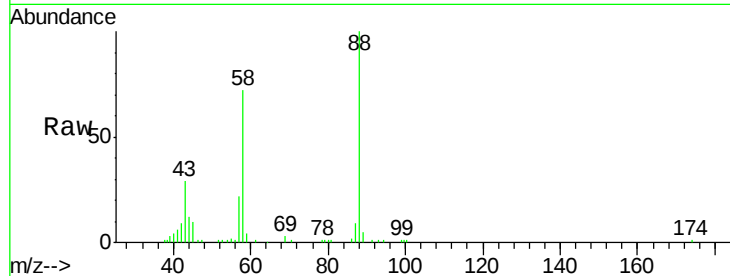
#49
1,4-Dioxane
Concen: 370.553 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
88	100	21450		
43	35.7		29.4	44.0
58	73.7		57.5	86.3

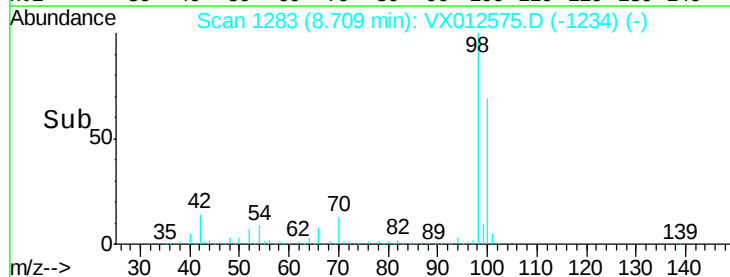
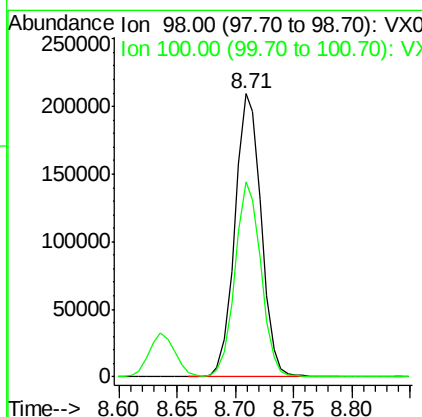
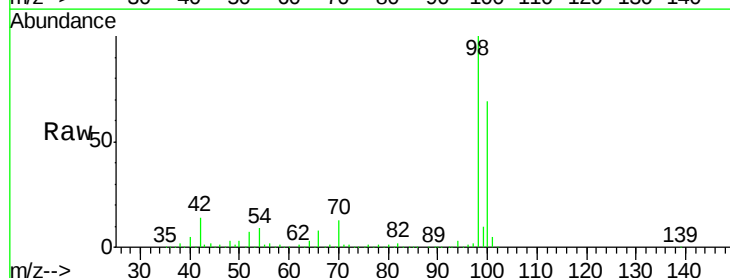
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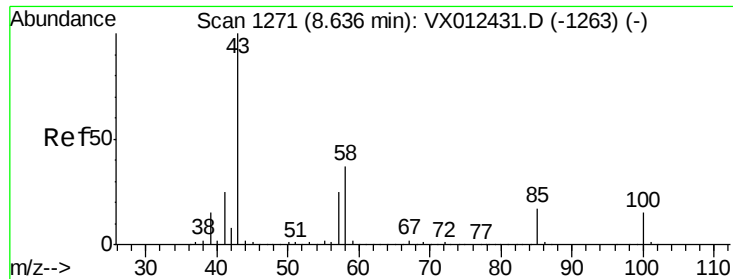
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#50
Toluene-d8
Concen: 48.902 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	330131		
100	67.5		53.4	80.2





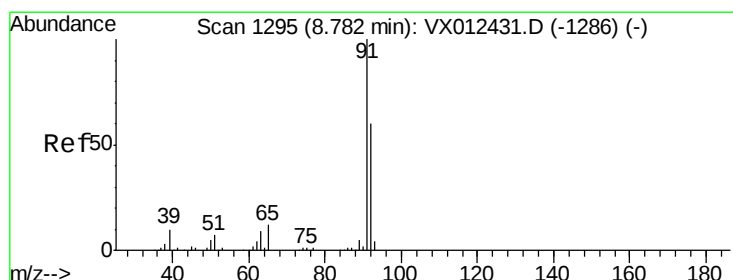
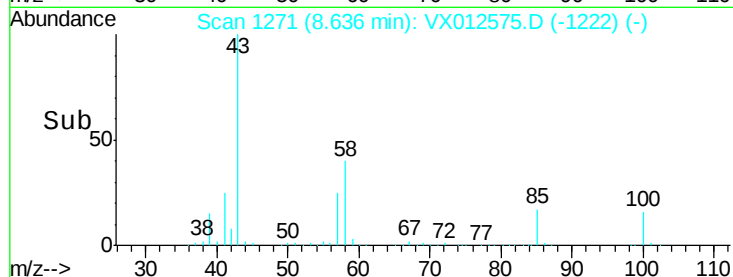
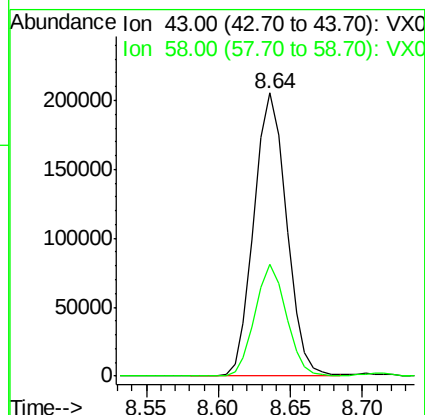
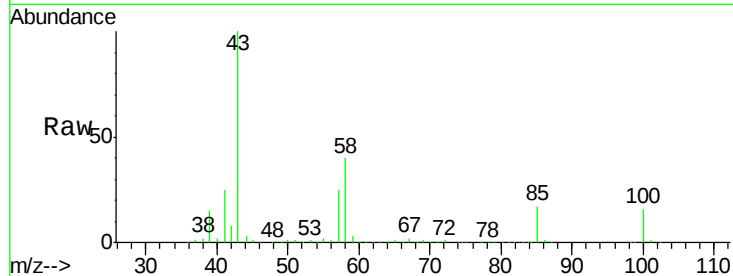
#51
4-Methyl-2-Pentanone
Concen: 97.148 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD02

Tot Ion	43	58	Ratio	Lower	Upper
Resp: 321447	100	38.4		29.8	44.6

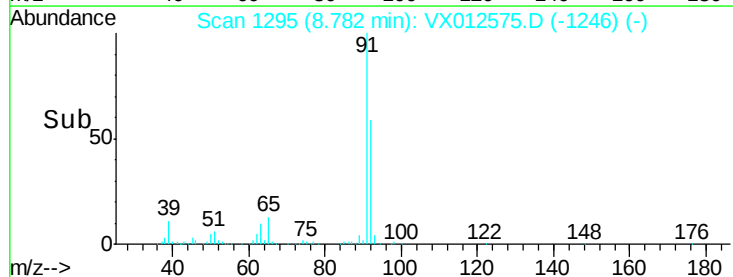
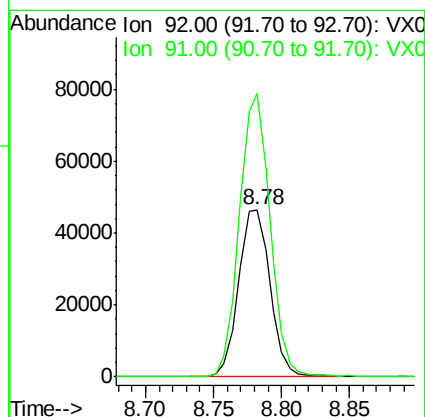
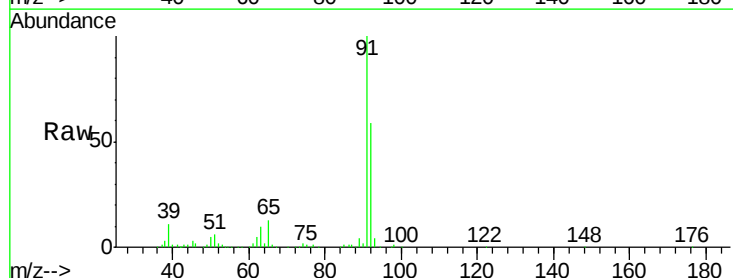
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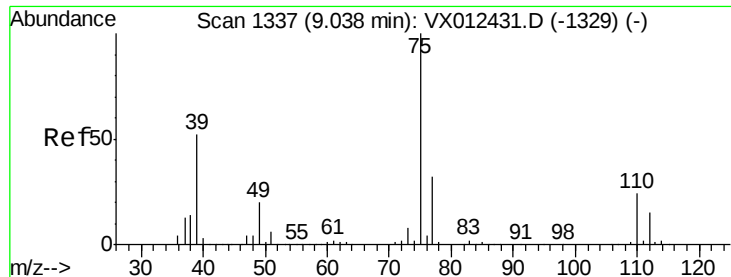
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#52
Toluene
Concen: 20.074 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Tgt Ion	92	91	Ratio	Lower	Upper
Resp: 75330	100	165.8		135.4	203.0





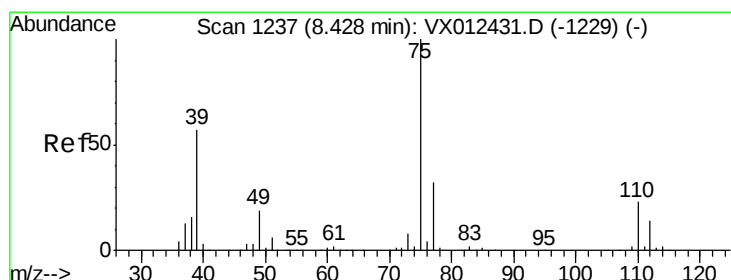
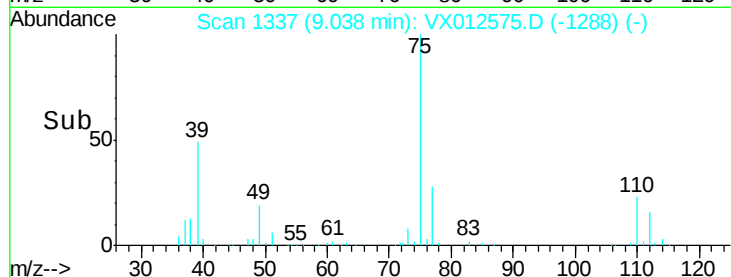
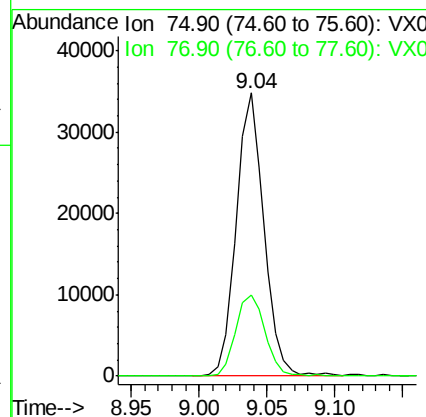
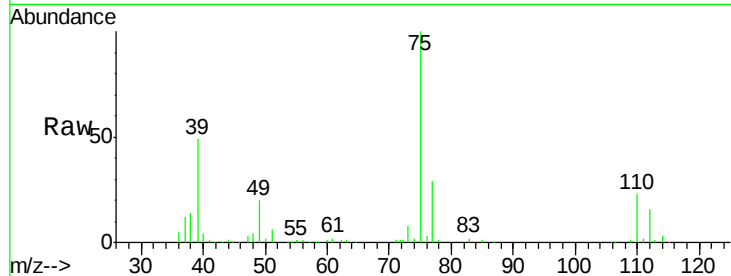
#53
t-1,3-Dichloropropene
Concen: 18.371 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD02

Tot Ion: 75 Resp: 49232
Ion Ratio Lower Upper
75 100
77 28.4 25.2 37.8

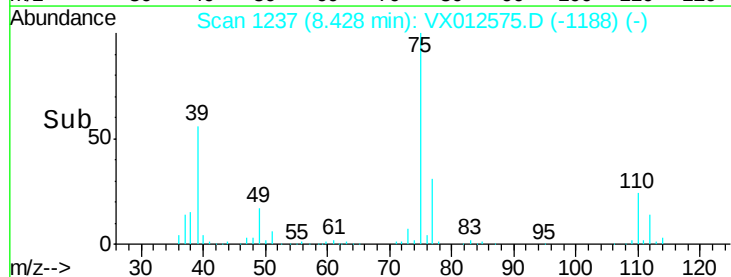
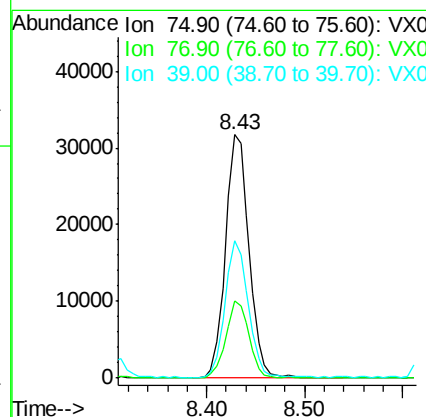
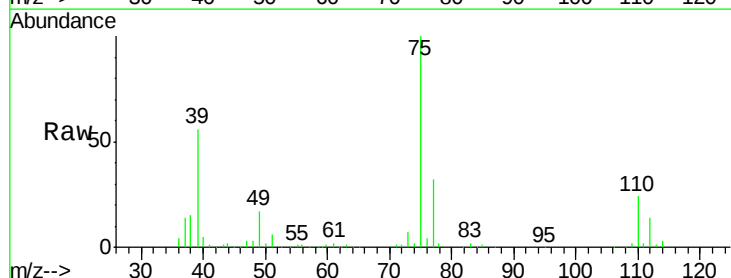
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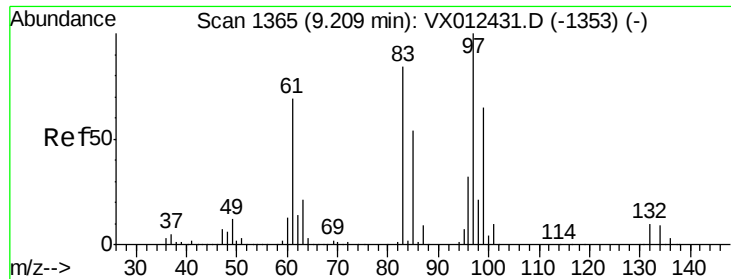
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#54
cis-1,3-Dichloropropene
Concen: 19.061 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Tgt Ion: 75 Resp: 52882
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8
39 56.1 45.5 68.3





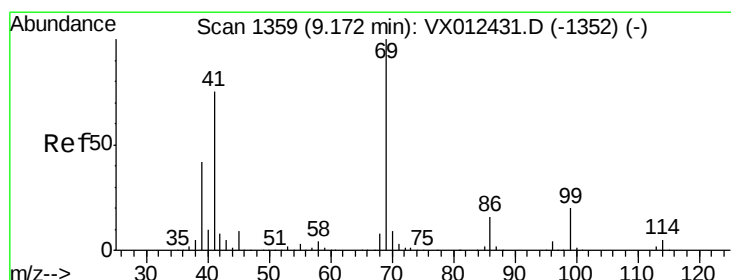
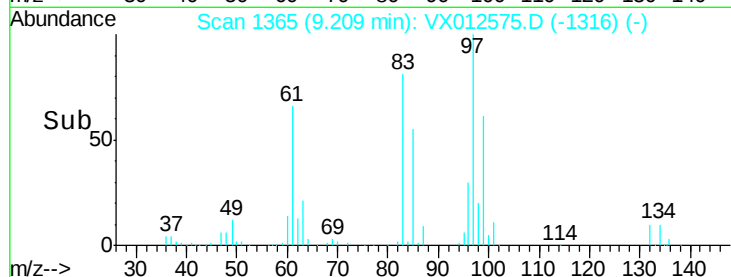
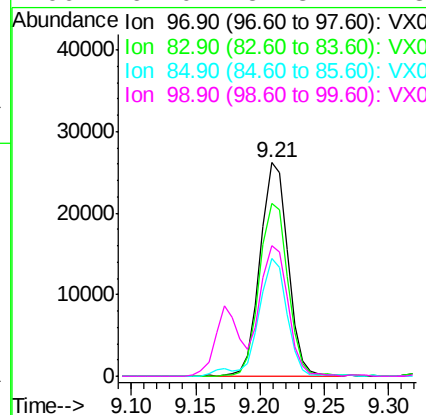
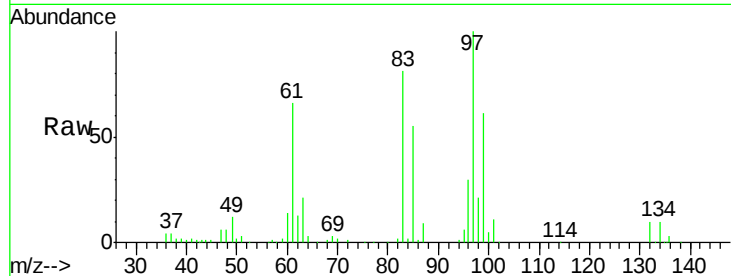
#55
 1,1,2-Trichloroethane
 Concen: 20.243 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD02

Tot Ion:	97	Resp:	39136
Ion	Ratio	Lower	Upper
97	100		
83	80.8	67.4	101.2
85	54.9	43.5	65.3
99	61.0	51.8	77.8

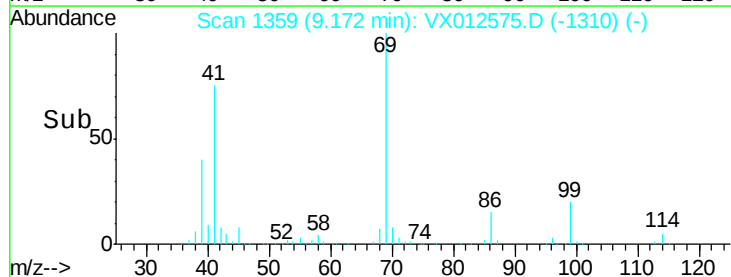
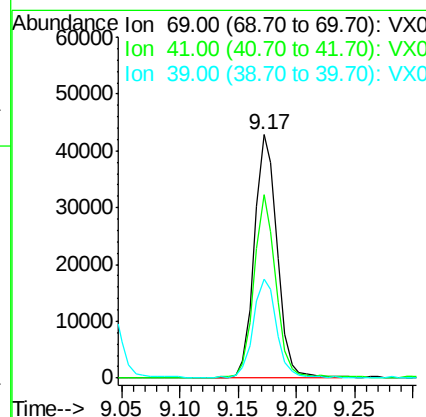
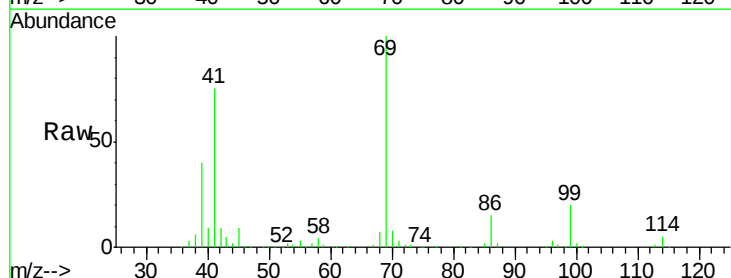
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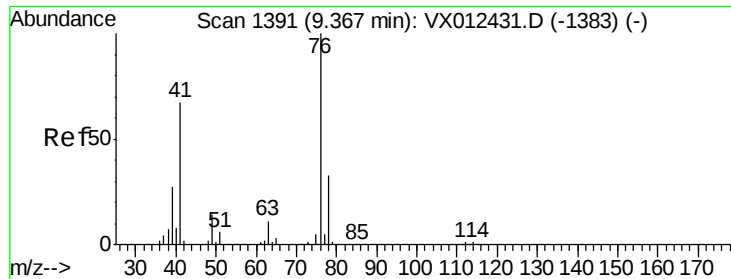
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#56
 Ethyl methacrylate
 Concen: 19.505 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Tgt Ion:	69	Resp:	58958
Ion	Ratio	Lower	Upper
69	100		
41	72.0	58.4	87.6
39	41.1	33.4	50.0





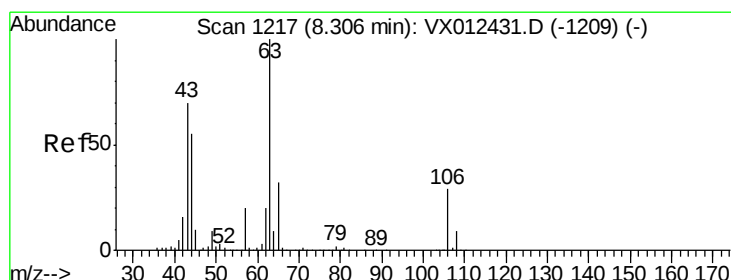
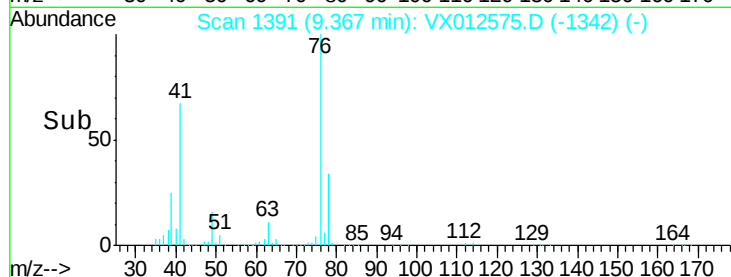
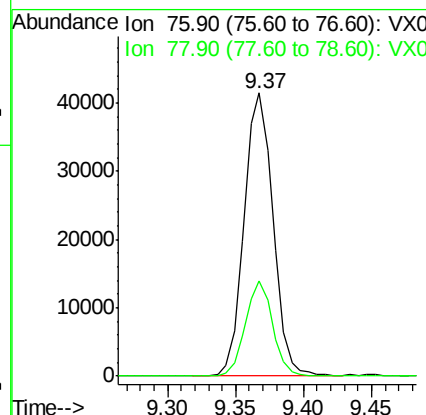
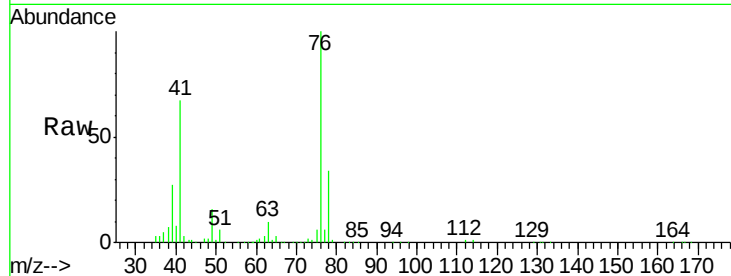
#57
 1,3-Dichloropropane
 Concen: 20.018 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	26.2	39.2

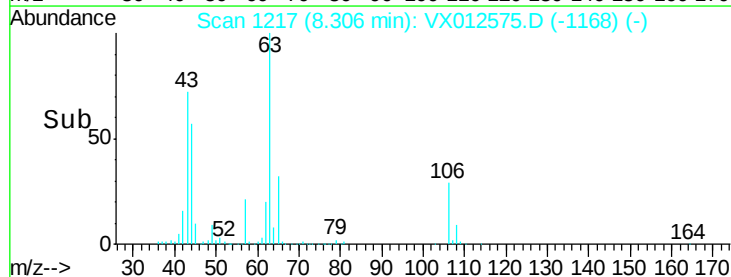
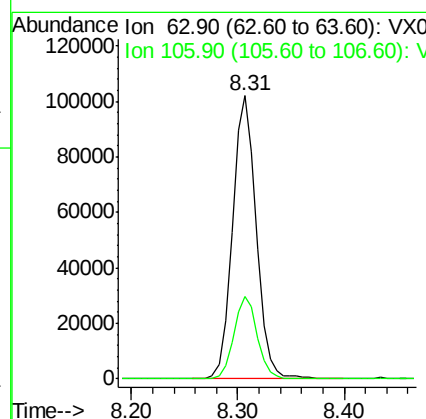
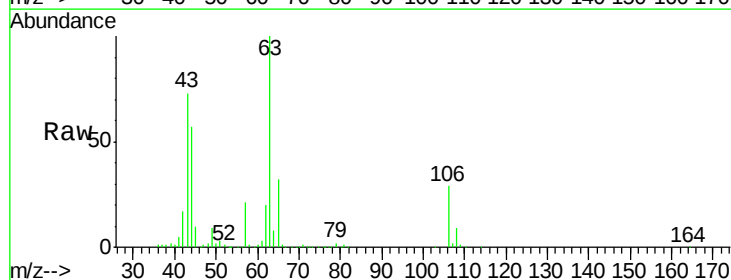
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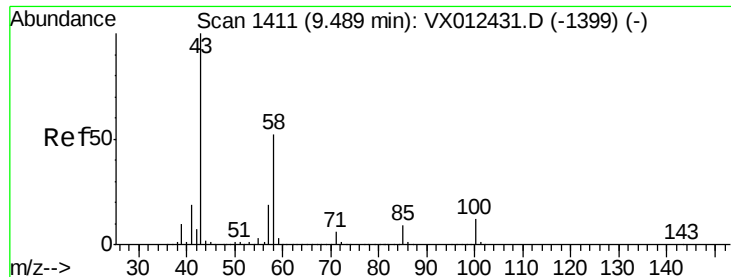
MMDadoda
 9/23/2019 11:28:56 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.928 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	23.8	35.6





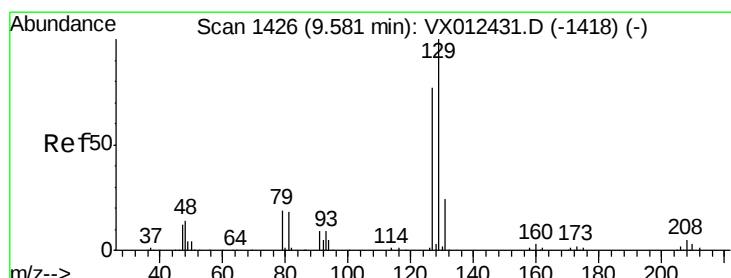
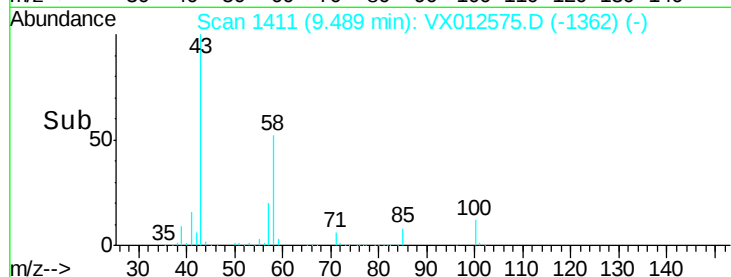
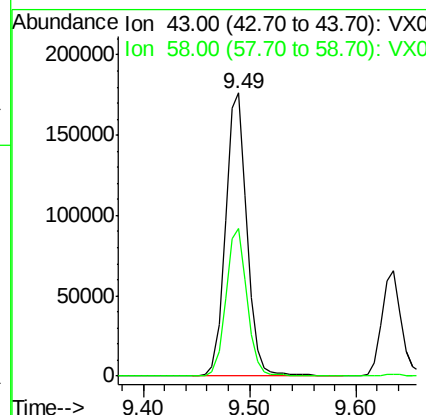
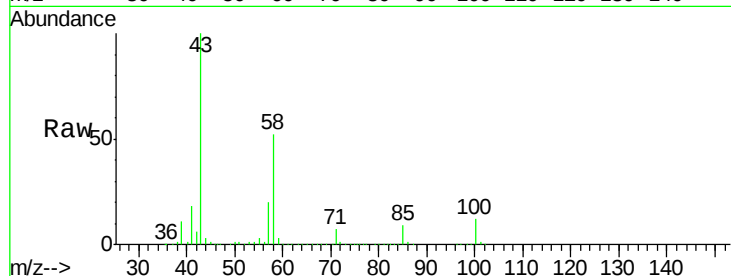
#59
2-Hexanone
Concen: 95.469 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD02

Tot Ion: 43 Resp: 246447
Ion Ratio Lower Upper
43 100
58 51.6 25.7 77.1

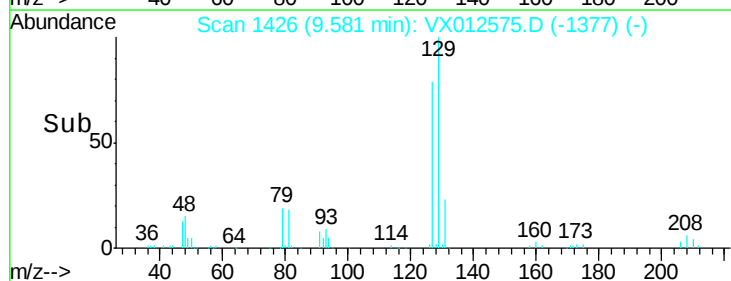
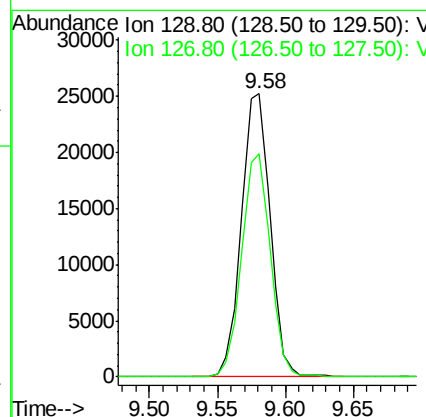
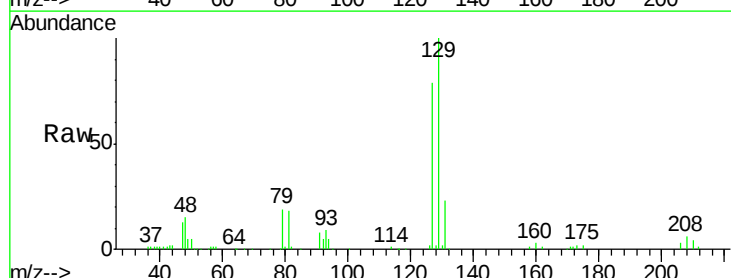
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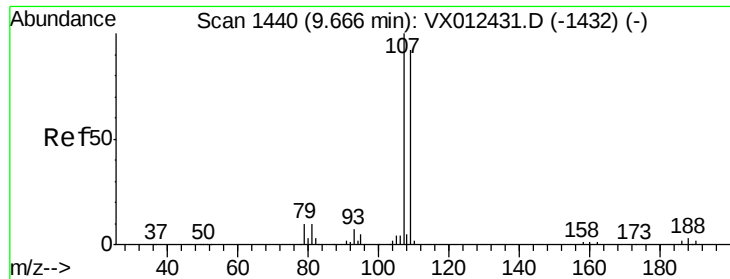
MMDadoda
9/23/2019 11:28:56 AM



#60
Dibromochloromethane
Concen: 18.928 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Tgt Ion: 129 Resp: 37275
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.143 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD02

Tot Ion:107 Resp: 35567

Ion Ratio Lower Upper

107 100

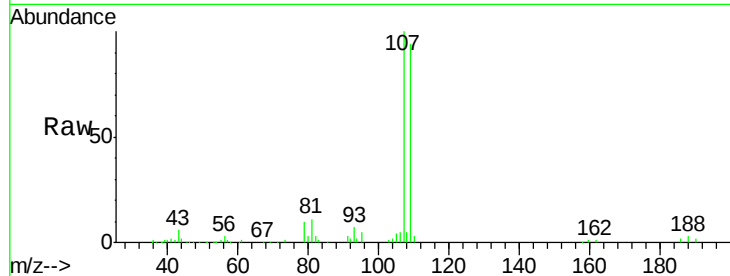
109 96.3 74.7 112.1

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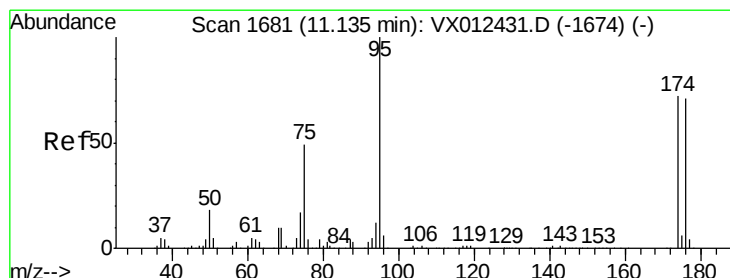
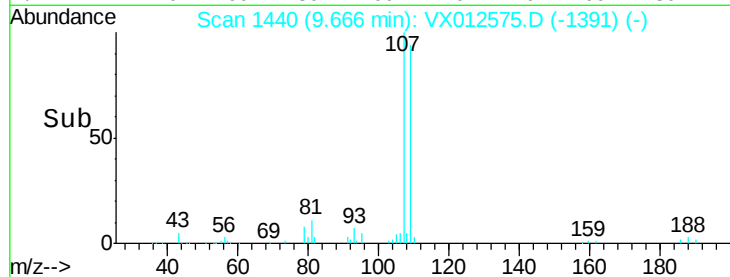
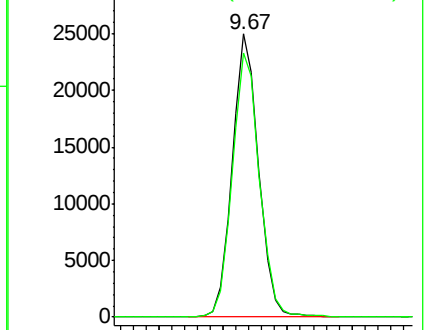
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.128 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

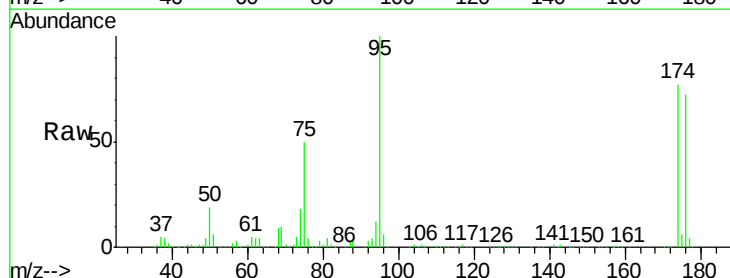
Tgt Ion: 95 Resp: 132101

Ion Ratio Lower Upper

95 100

174 72.3 0.0 140.0

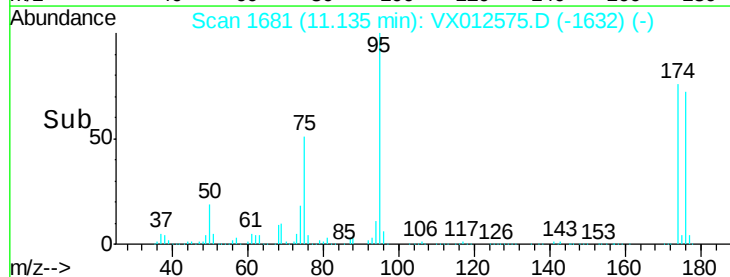
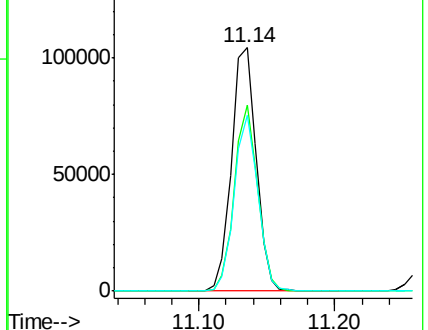
176 69.4 0.0 135.4

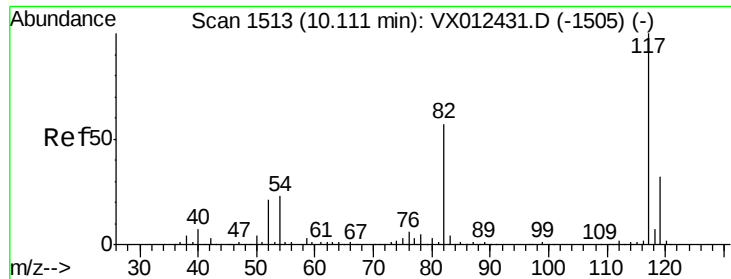


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





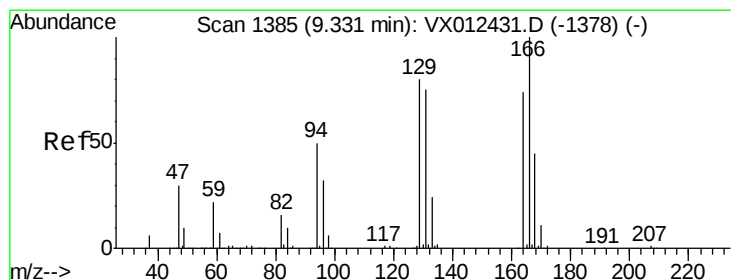
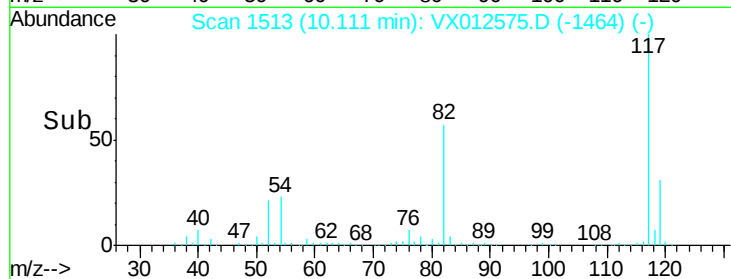
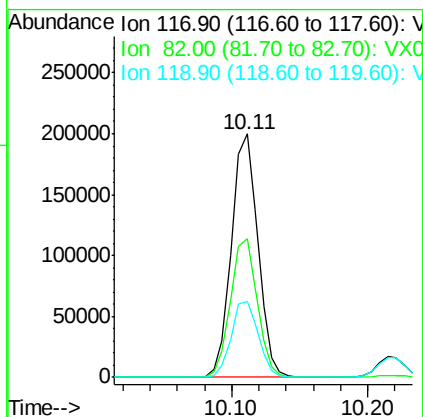
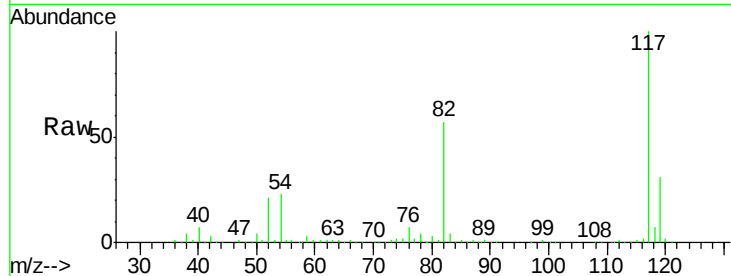
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.9	68.9
119	31.1	25.3	37.9

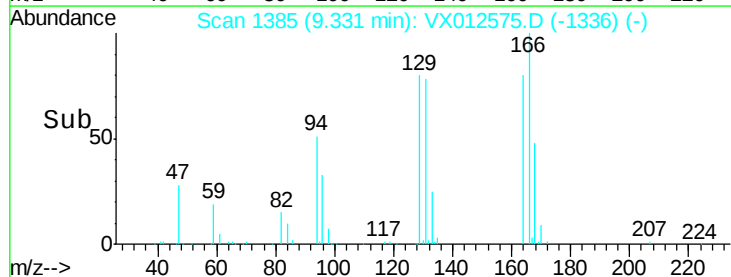
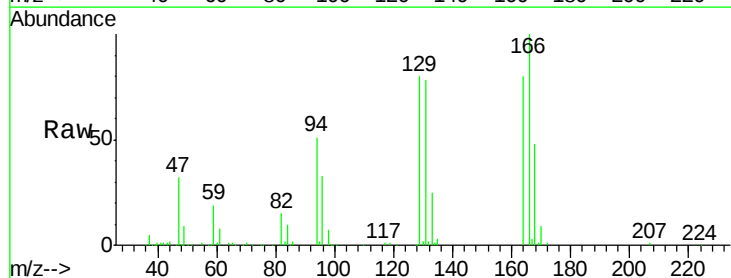
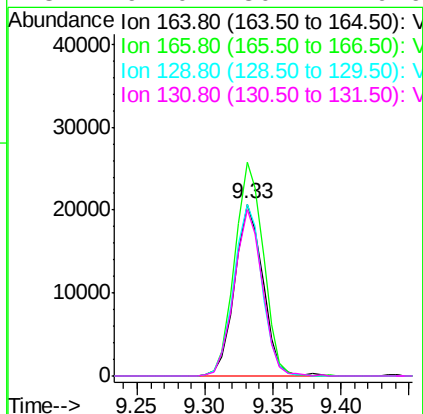
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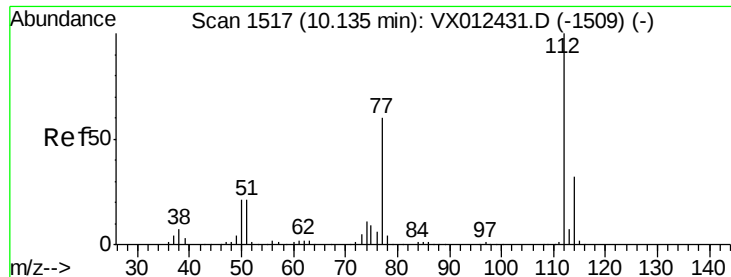
MMDadoda
9/23/2019 11:28:56 AM



#64
Tetrachloroethene
Concen: 24.150 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	107.8	161.6
129	99.8	86.2	129.2
131	97.0	80.4	120.6





#65

Chlorobenzene

Concen: 19.657 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD02

Tot Ion:112 Resp: 87874

Ion Ratio Lower Upper

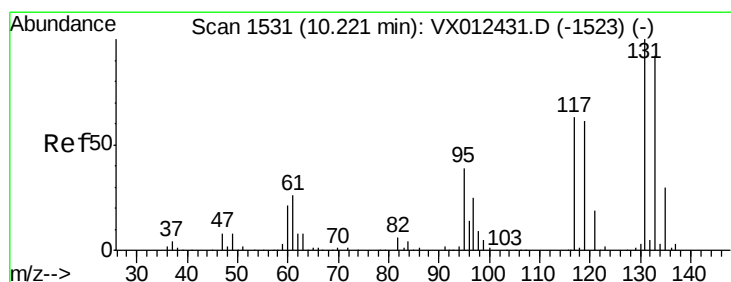
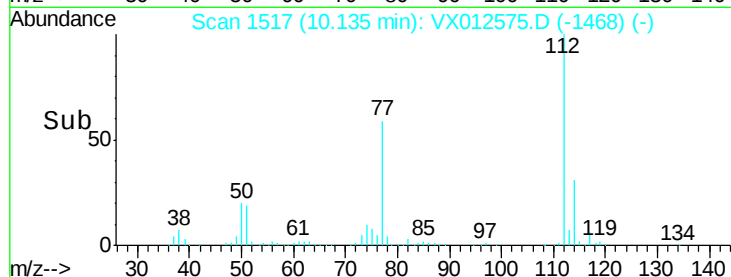
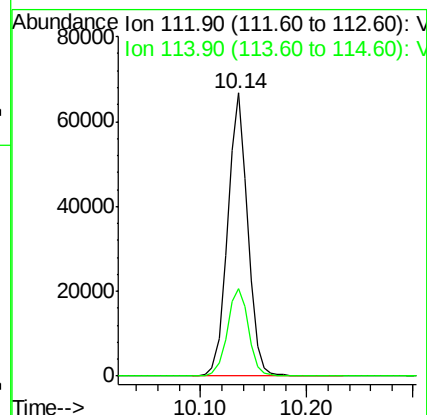
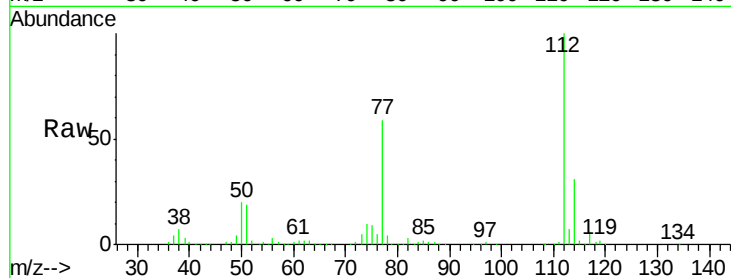
112 100

114 31.1 25.4 38.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.005 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

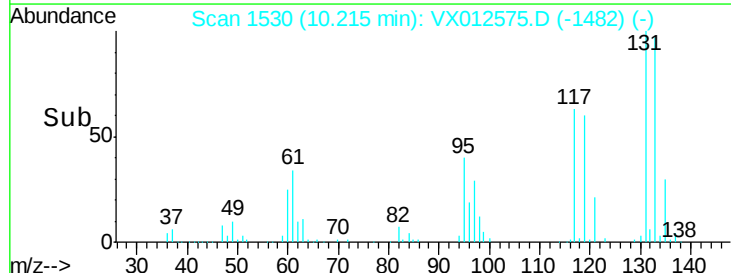
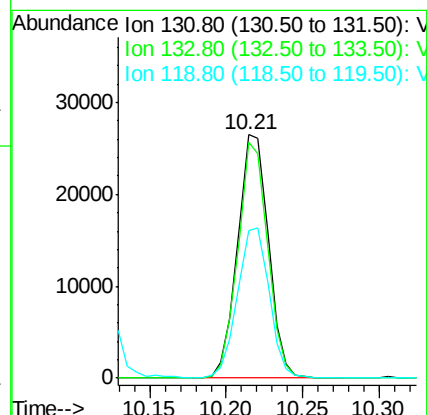
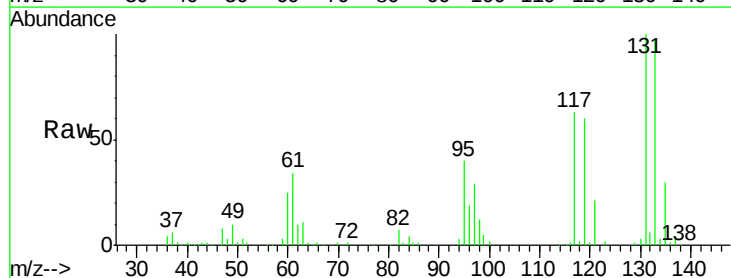
Tgt Ion:131 Resp: 37115

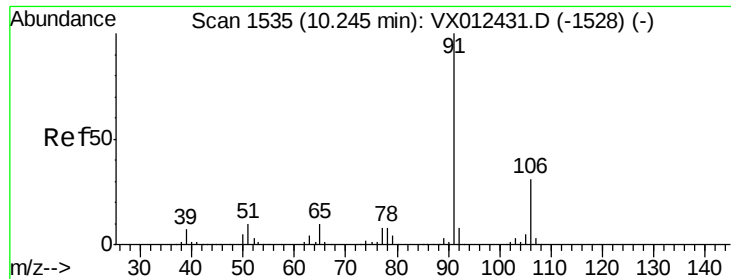
Ion Ratio Lower Upper

131 100

133 94.1 47.6 142.9

119 63.2 31.3 93.8





#67

Ethyl Benzene

Concen: 19.844 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD02

Tot Ion: 91 Resp: 152408

Ion Ratio Lower Upper

91 100

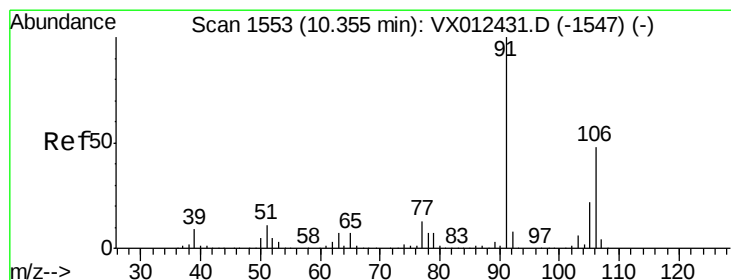
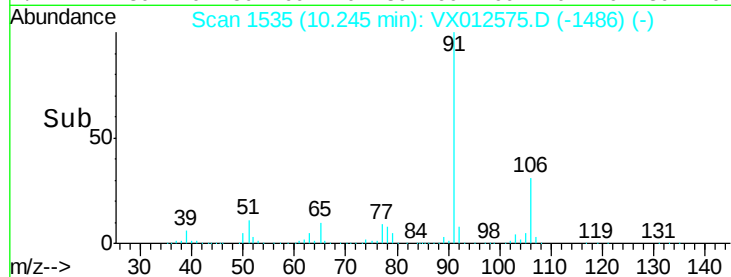
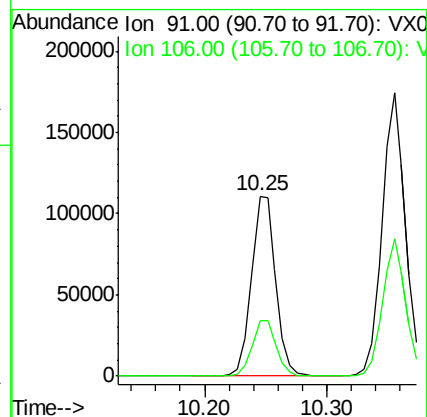
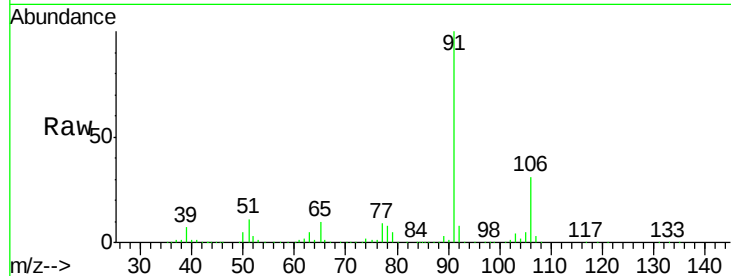
106 30.6 24.6 37.0

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#68

m/p-Xylenes

Concen: 39.845 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012575.D

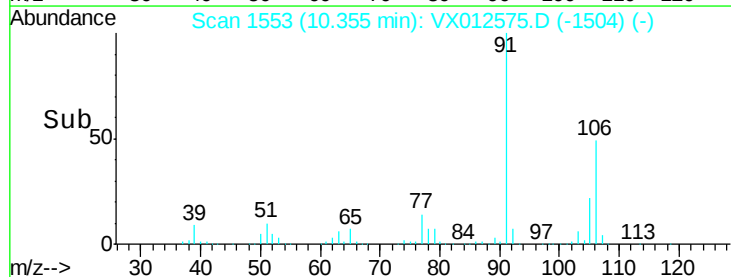
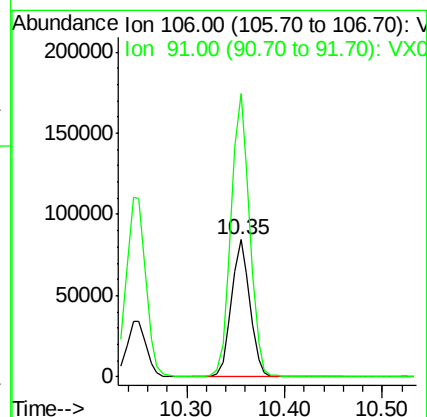
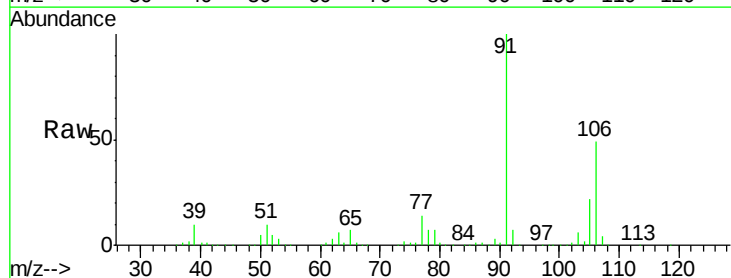
Acq: 20 Sep 2019 22:59

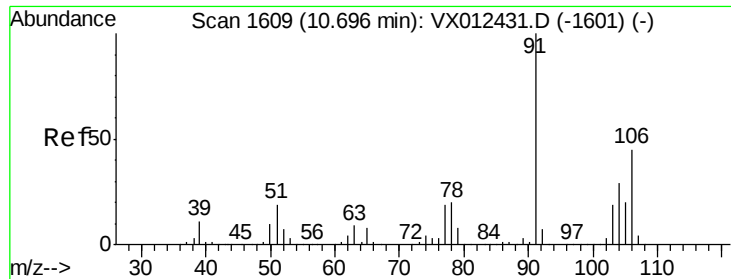
Tgt Ion: 106 Resp: 111346

Ion Ratio Lower Upper

106 100

91 206.4 166.6 250.0





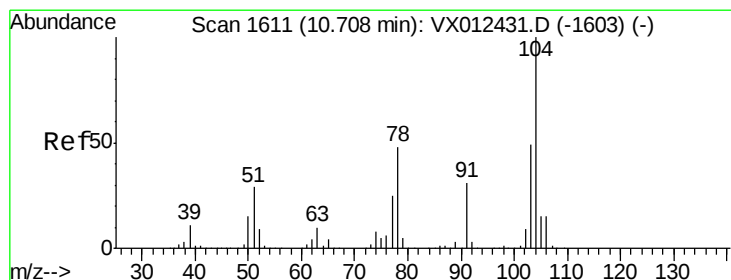
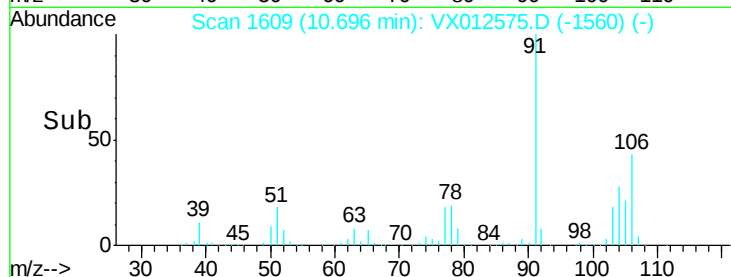
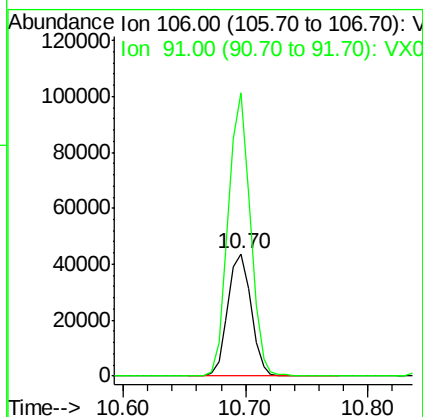
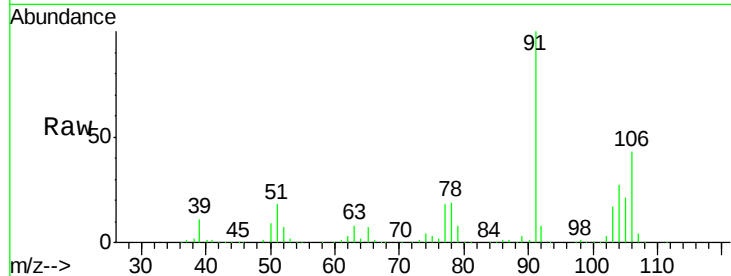
#69
o-Xylene
Concen: 19.984 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD02

Tot Ion:106 Resp: 57430
Ion Ratio Lower Upper
106 100
91 220.0 109.4 328.2

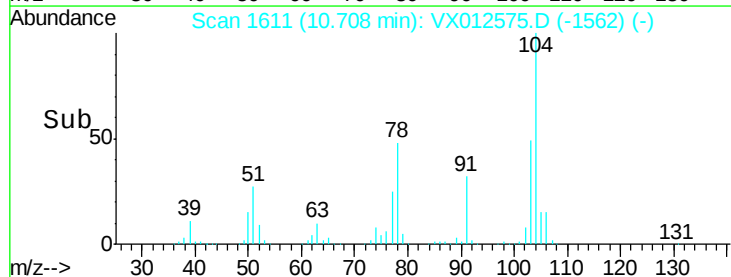
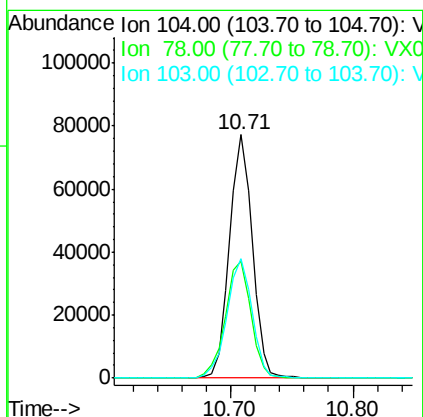
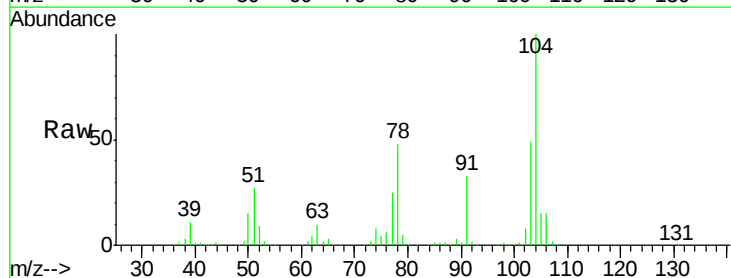
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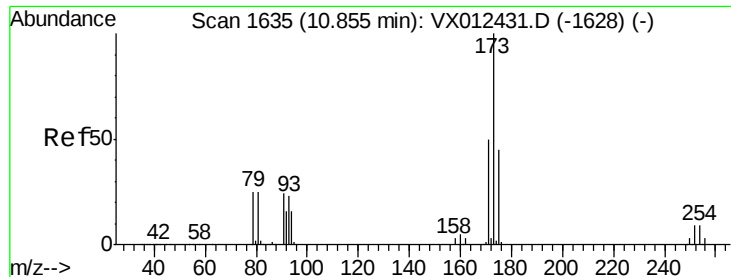
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#70
Styrene
Concen: 19.629 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Tgt Ion:104 Resp: 99807
Ion Ratio Lower Upper
104 100
78 54.1 43.4 65.2
103 53.9 43.3 64.9





#71

Bromoform

Concen: 17.870 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

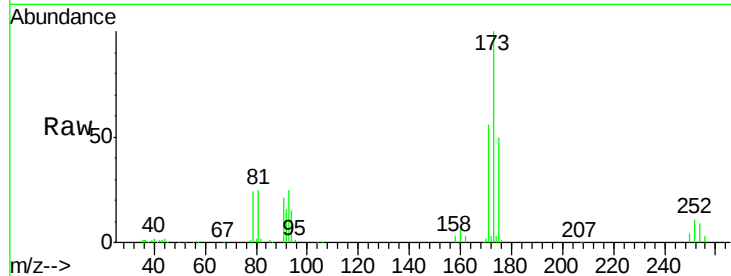
ClientSampleId :

VX0920WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.7	71.1
254	0.0	0.1	0.1

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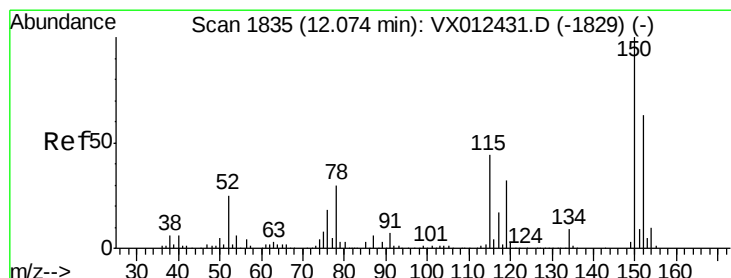
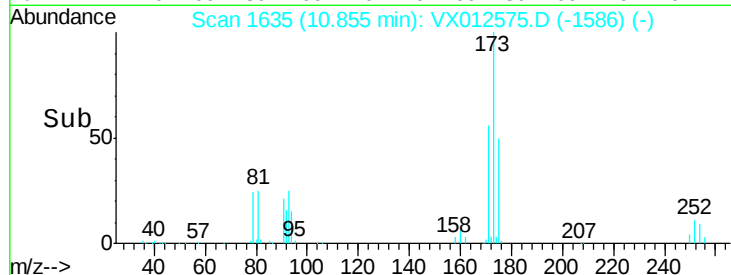
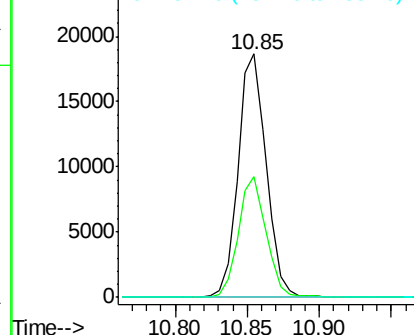


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

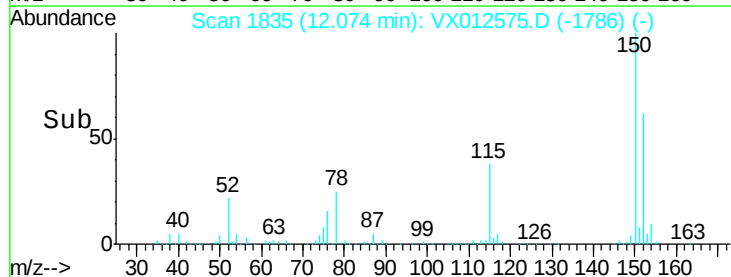
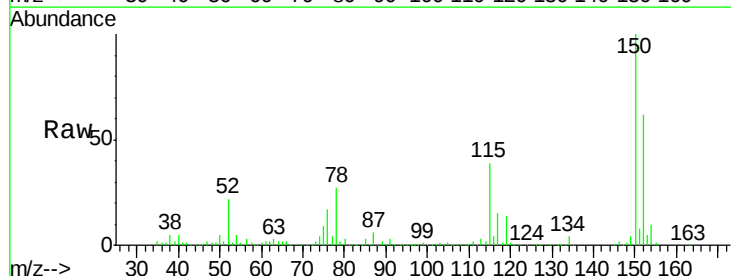
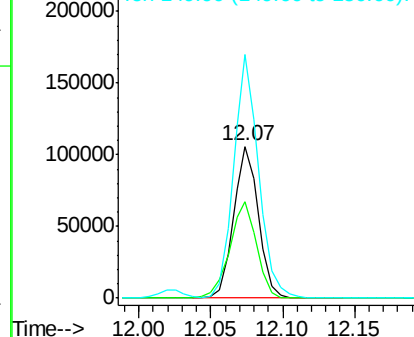
Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.4	44.1	132.3
150	162.5	0.0	343.8

Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.294 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD02

Tot Ion: 105 Resp: 161572

Ion Ratio Lower Upper

105 100

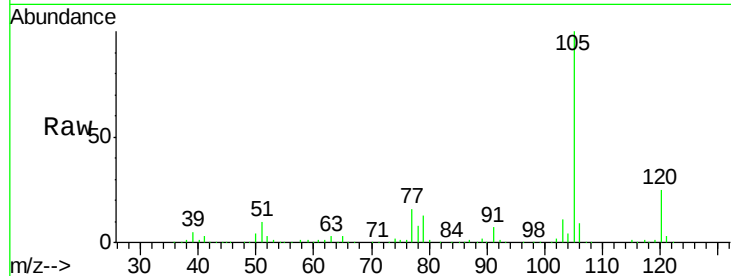
120 25.6 12.9 38.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

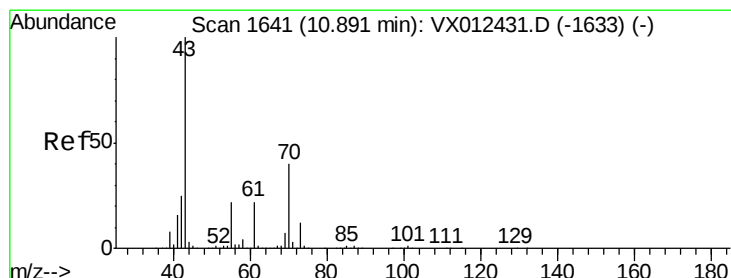
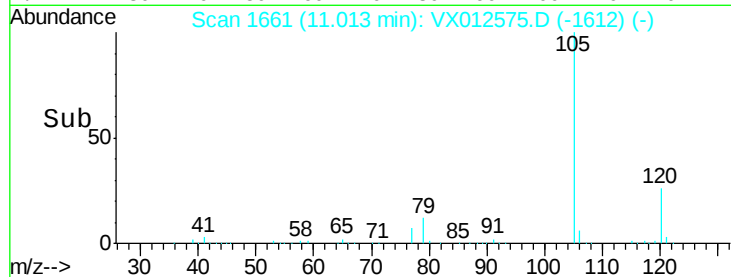
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.240 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Tgt Ion: 43 Resp: 82469

Ion Ratio Lower Upper

43 100

70 40.2 32.4 48.6

55 23.9 18.2 27.4

61 23.7 18.5 27.7

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

100000

80000

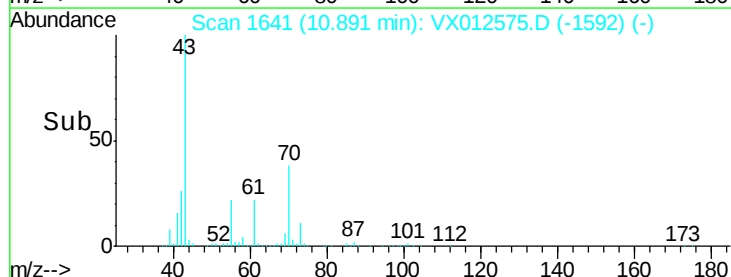
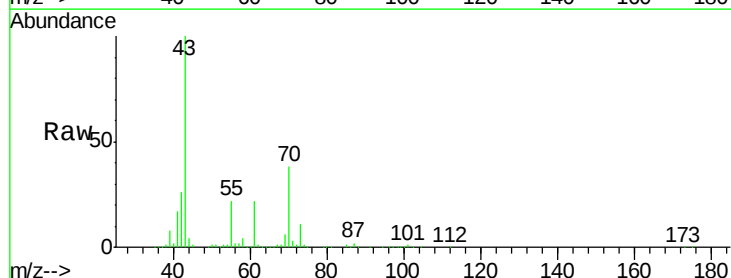
60000

40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.570 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

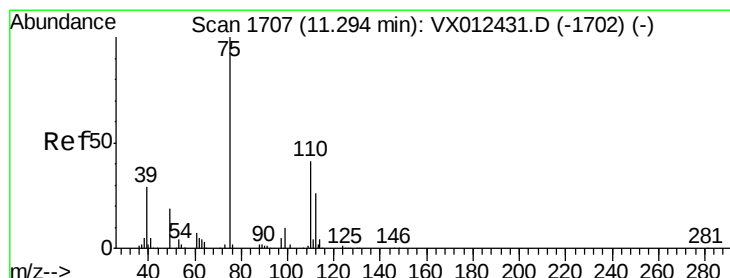
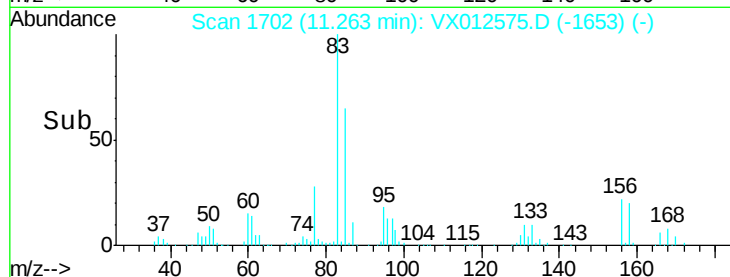
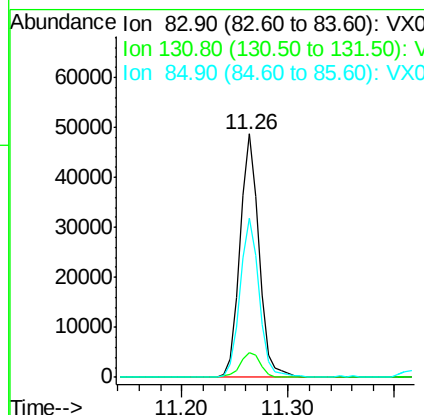
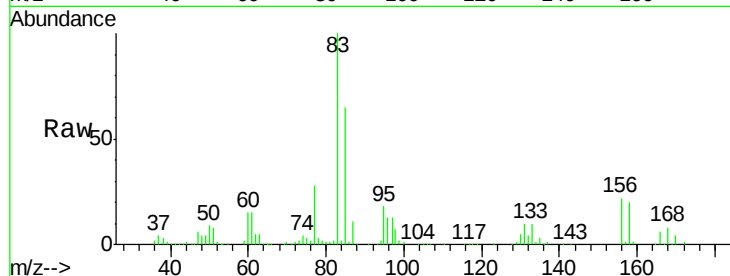
ClientSampleId :

VX0920WBSD02

Tot Ion:	83	Resp:	61120
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.2	15.6
85	66.2	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.644 ug/l m

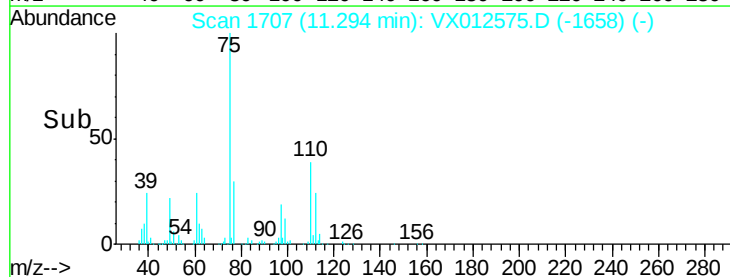
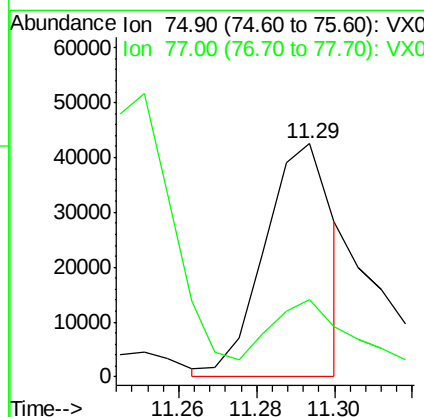
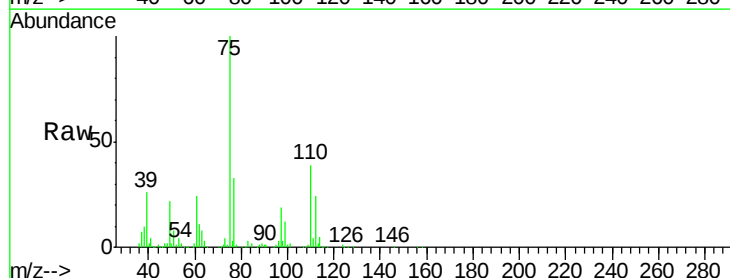
RT: 11.29 min Scan# 1707

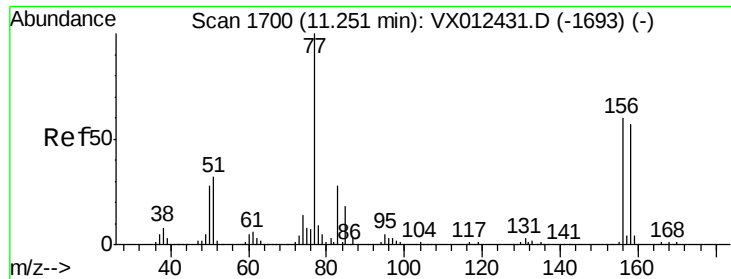
Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Tgt Ion:	75	Resp:	51428
Ion	Ratio	Lower	Upper
75	100		
77	42.9	19.7	59.0





#77

Bromobenzene

Concen: 20.558 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

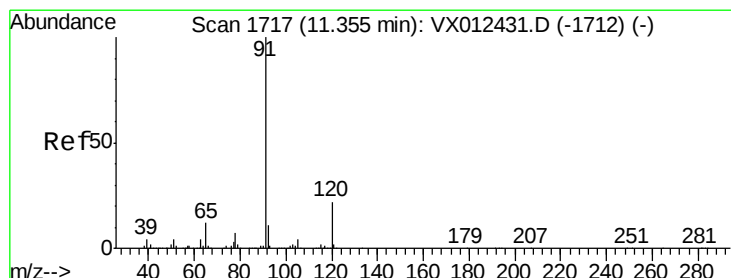
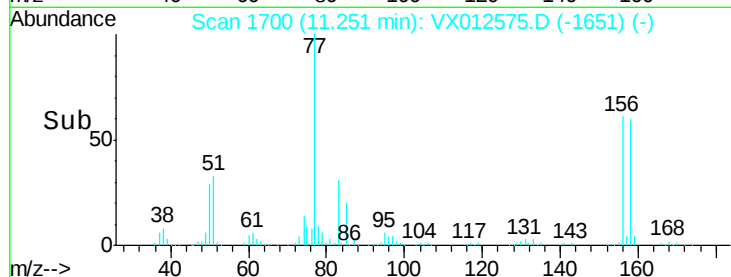
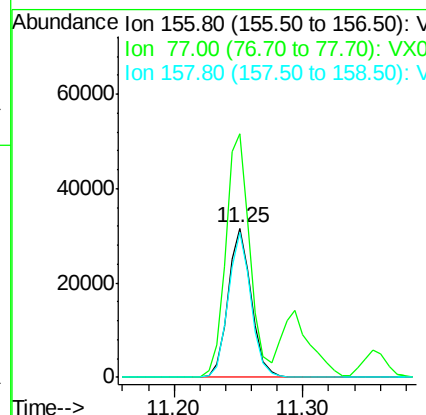
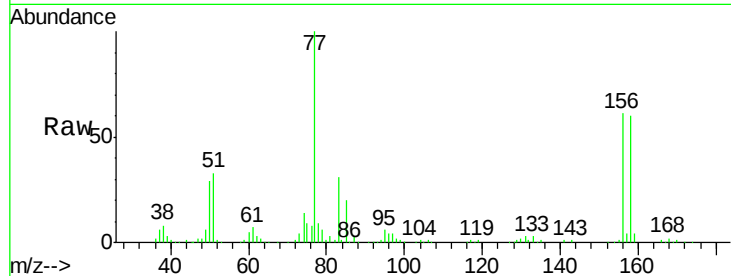
ClientSampleId :

VX0920WBSD02

Tot Ion:	156	Resp:	39916
Ion	Ratio	Lower	Upper
156	100		
77	170.7	87.3	261.8
158	95.6	48.5	145.6

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#78

n-propylbenzene

Concen: 19.652 ug/l

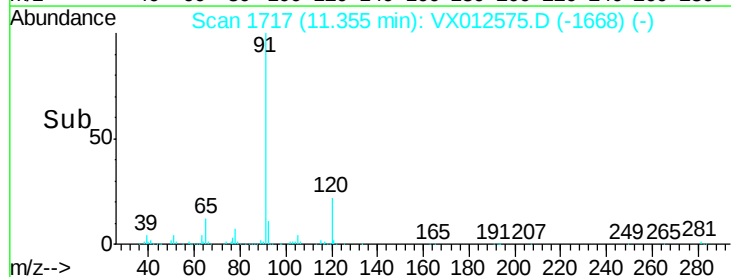
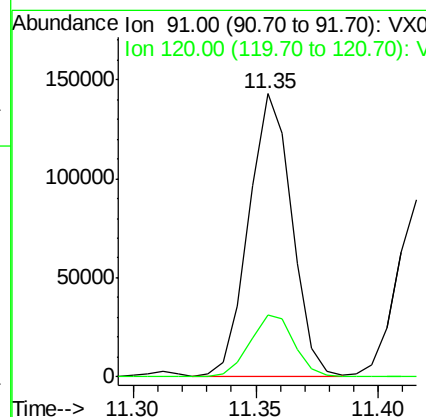
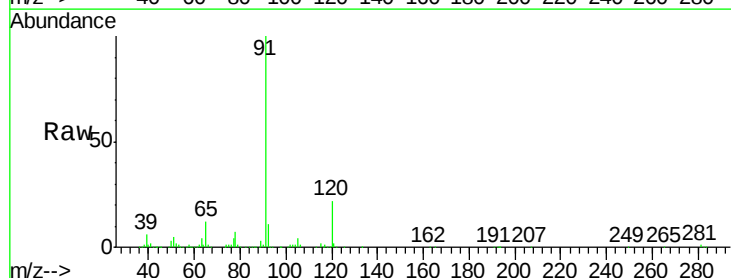
RT: 11.35 min Scan# 1717

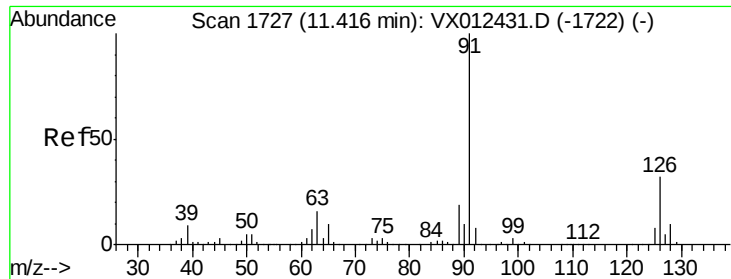
Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Tgt Ion:	91	Resp:	174385
Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.3	33.8





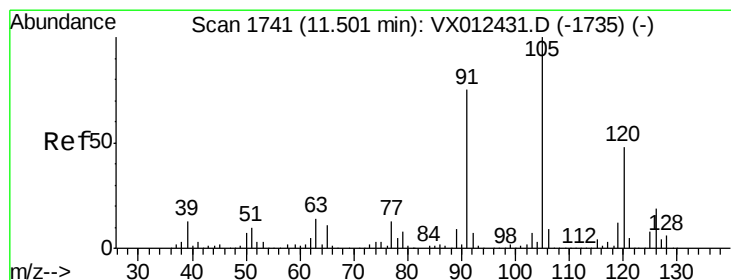
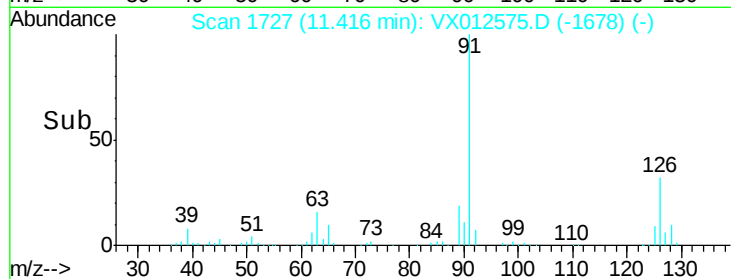
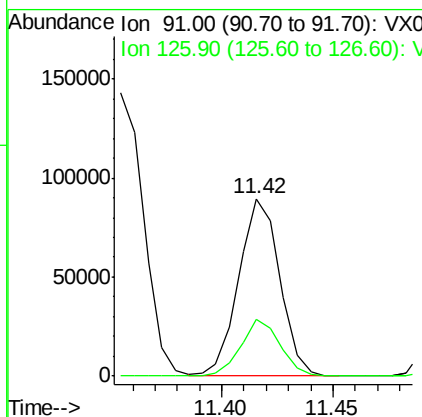
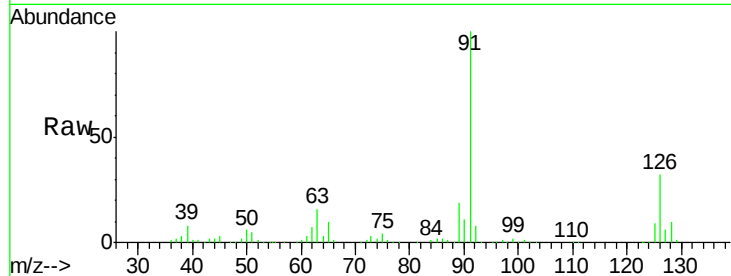
#79
 2-Chlorotoluene
 Concen: 19.871 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD02

Tot Ion: 91 Resp: 114707
 Ion Ratio Lower Upper
 91 100
 126 31.0 16.4 49.4

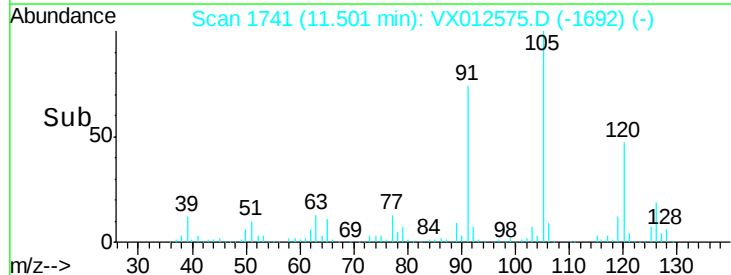
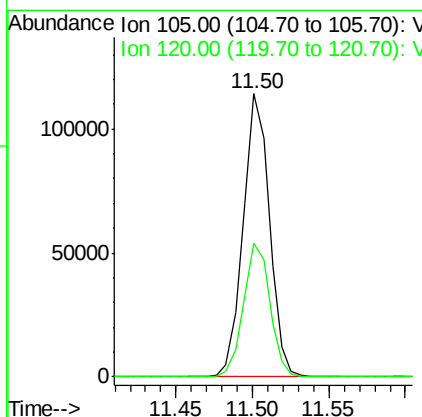
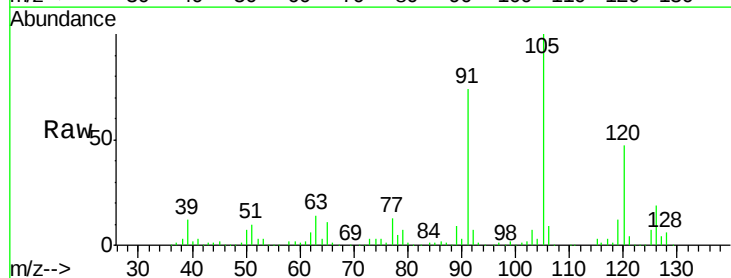
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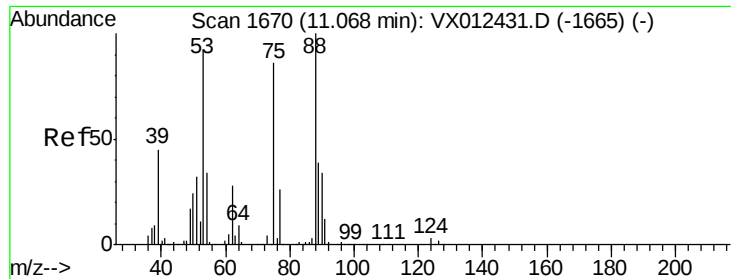
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.939 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Tgt Ion: 105 Resp: 135383
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.447 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

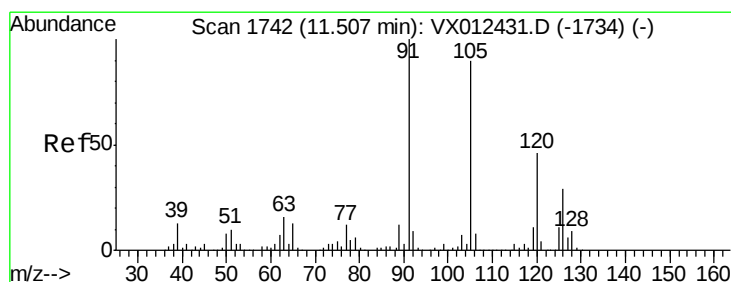
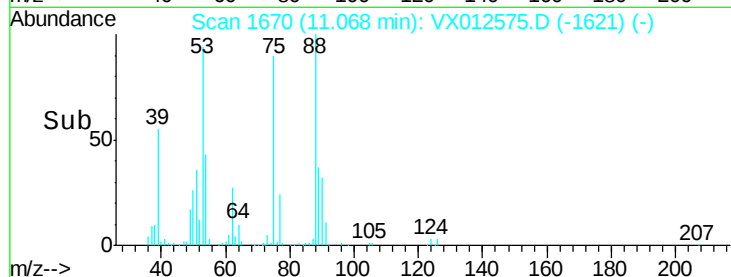
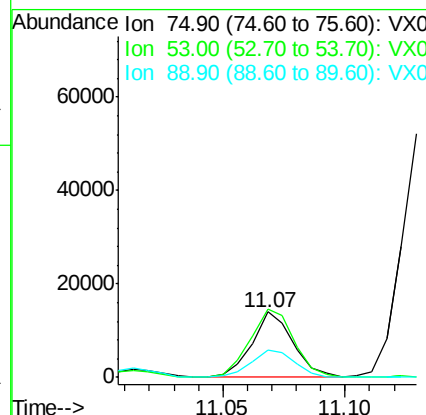
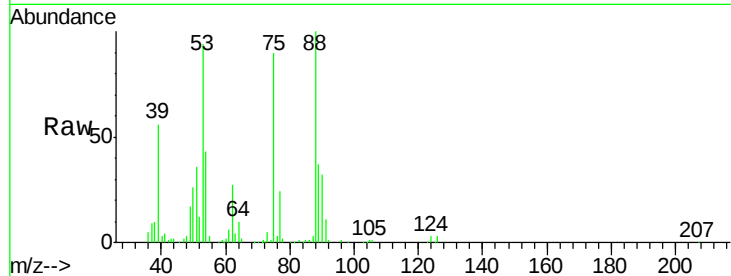
ClientSampleId :

VX0920WBSD02

Tot Ion:	75	Resp:	16242
Ion Ratio	Lower	Upper	
75	100		
53	112.7	83.6	125.4
89	45.4	36.3	54.5

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#82

4-Chlorotoluene

Concen: 19.641 ug/l

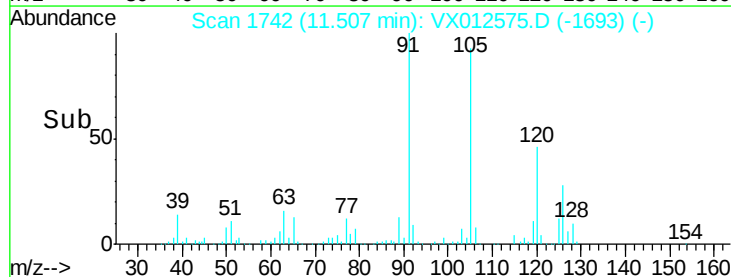
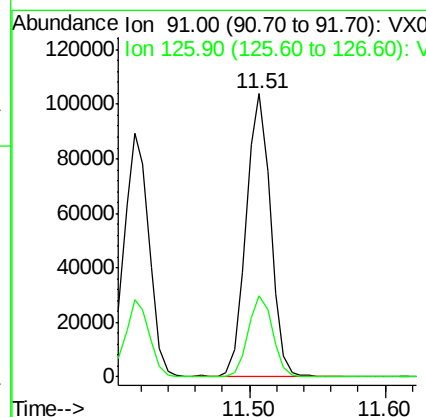
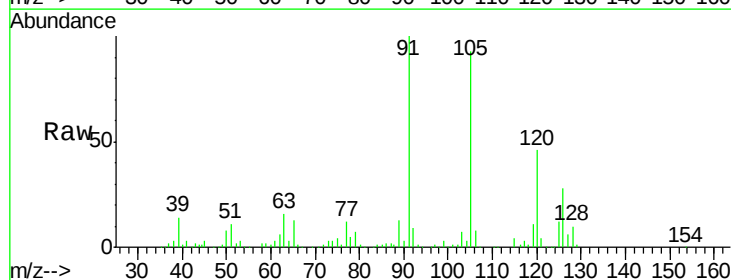
RT: 11.51 min Scan# 1742

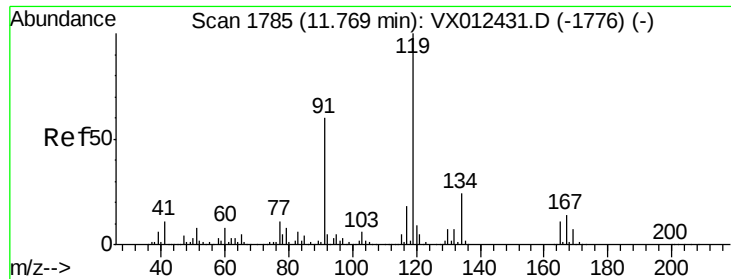
Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Tgt Ion:	91	Resp:	130128
Ion Ratio	Lower	Upper	
91	100		
126	28.8	14.4	43.0





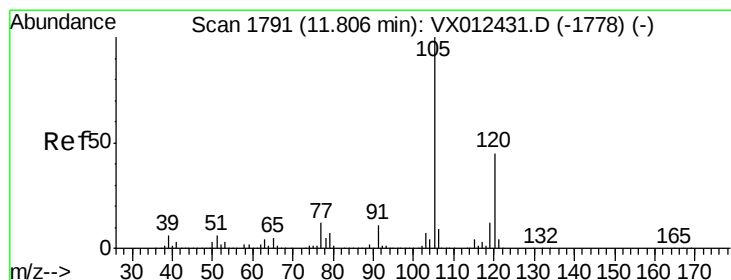
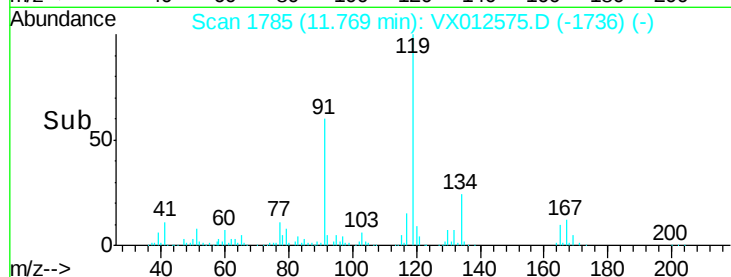
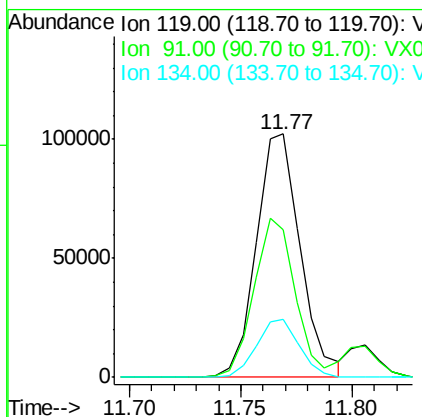
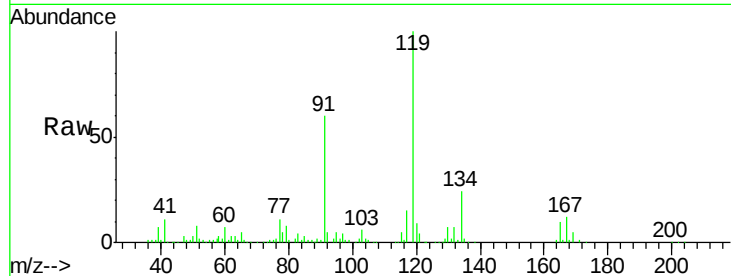
#83
tert-Butylbenzene
Concen: 19.323 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	140588		
91	61.4	30.0	90.0	
134	23.2	11.3	33.9	

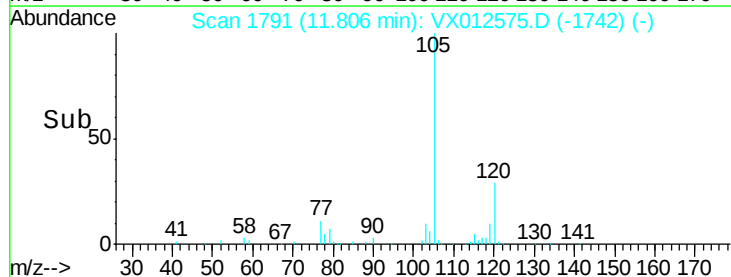
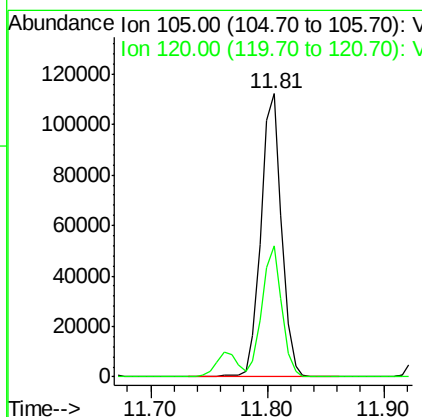
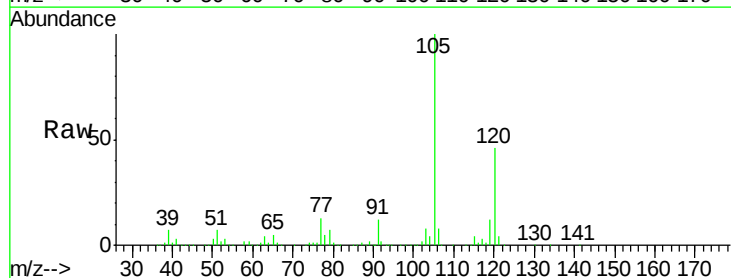
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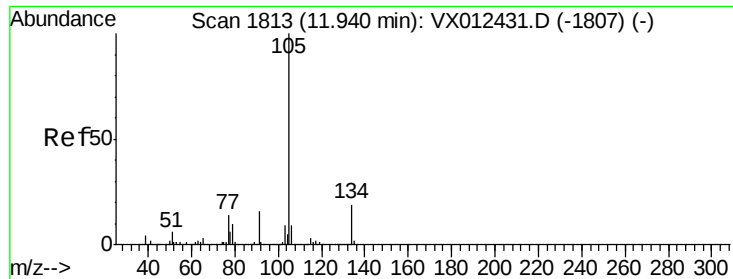
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#84
1,2,4-Trimethylbenzene
Concen: 19.866 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	138501		
120	44.2	22.2	66.6	





#85

sec-Butylbenzene

Concen: 19.278 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD02

Tot Ion:105 Resp: 154556

Ion Ratio Lower Upper

105 100

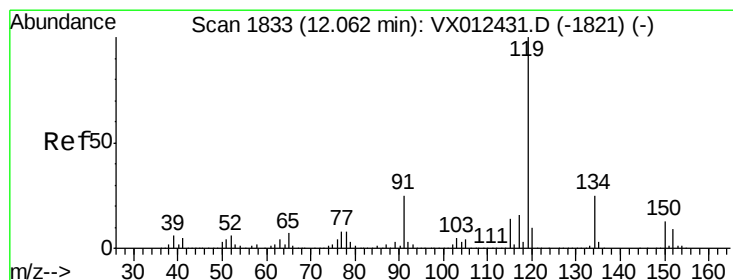
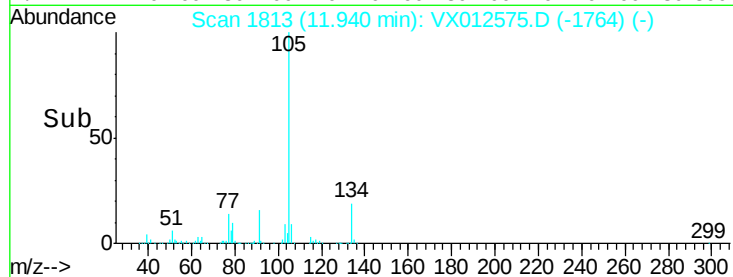
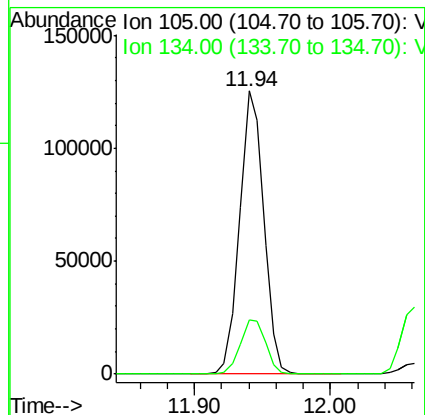
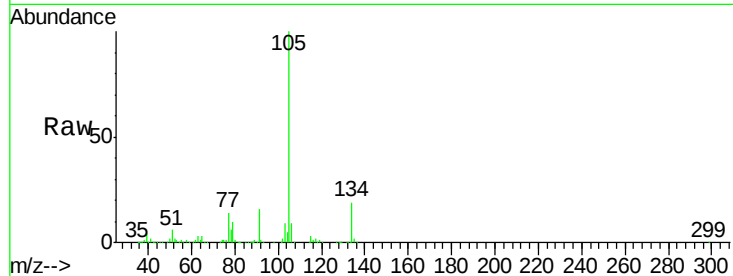
134 20.2 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 19.780 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

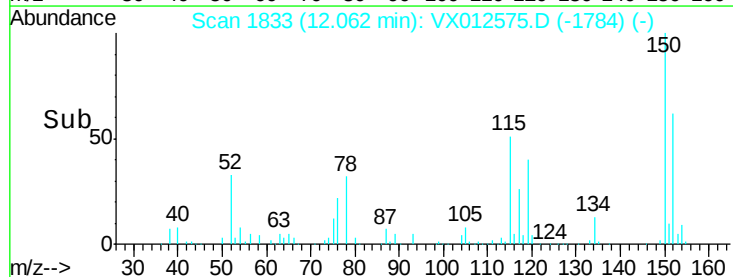
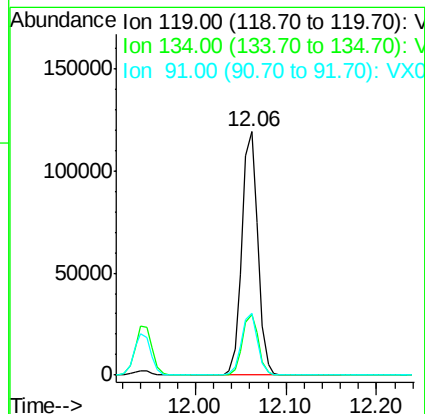
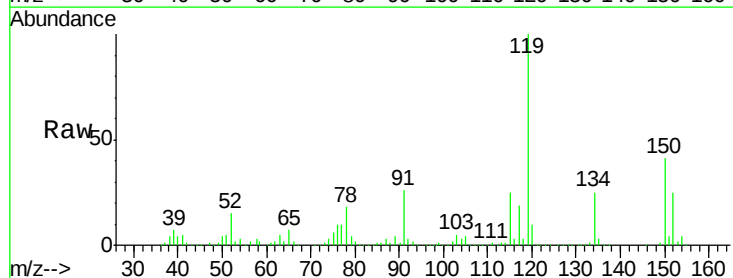
Tgt Ion:119 Resp: 145616

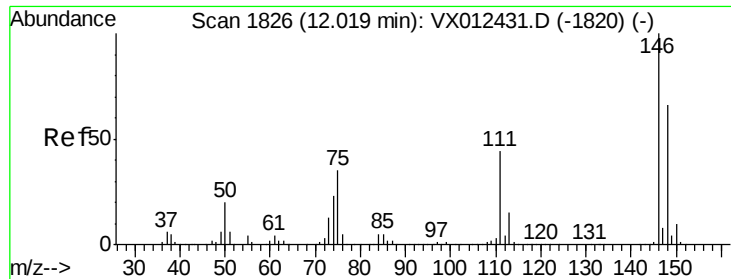
Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

91 25.6 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 20.169 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

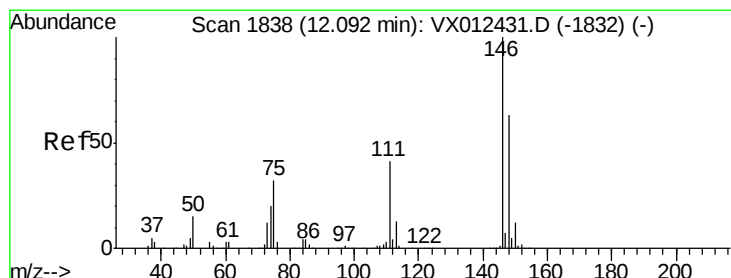
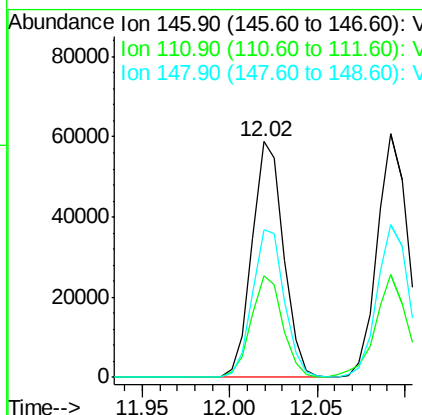
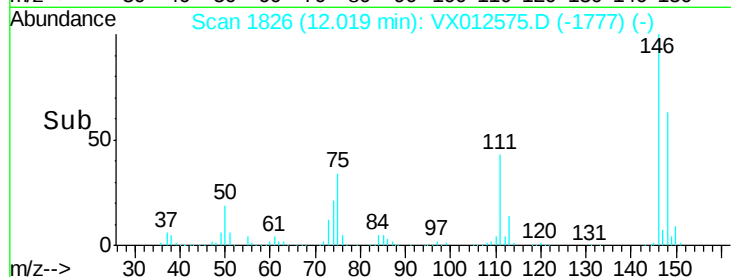
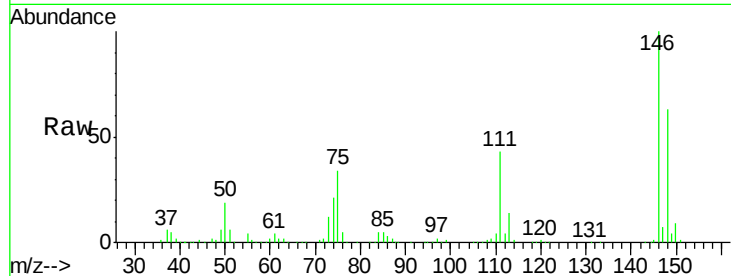
ClientSampleId :

VX0920WBSD02

Tot Ion:	146	Resp:	73667
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.3	64.0
148	63.6	32.4	97.2

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#88

1,4-Dichlorobenzene

Concen: 19.836 ug/l

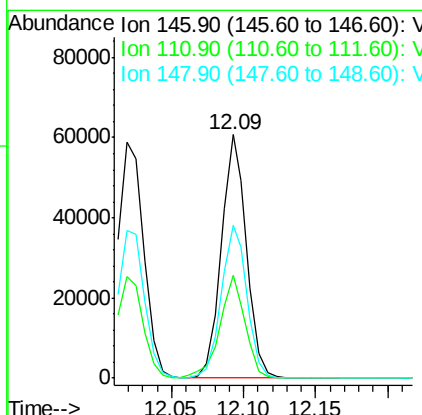
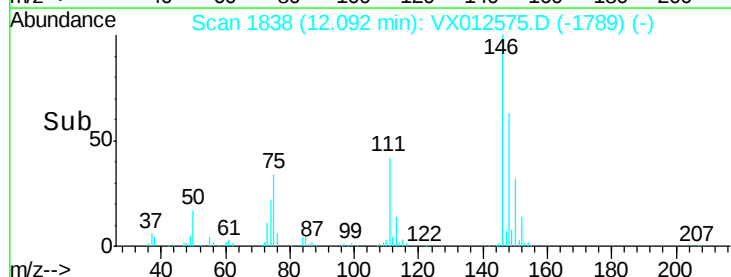
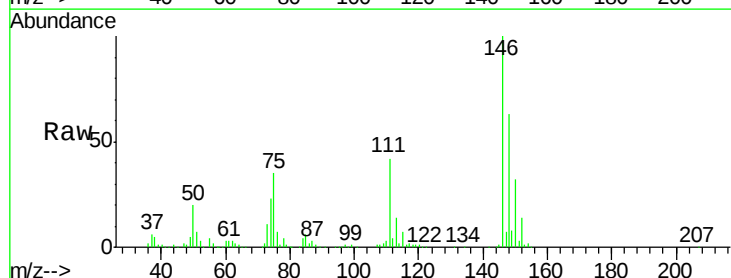
RT: 12.09 min Scan# 1838

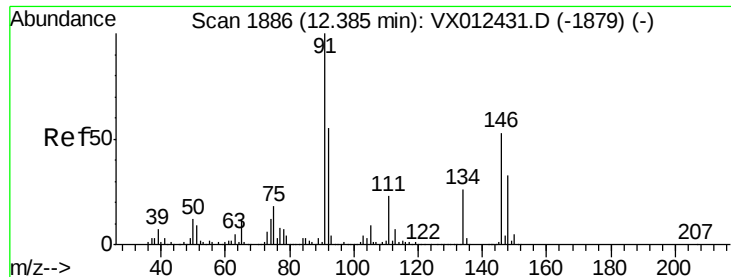
Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Tgt Ion:	146	Resp:	74420
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.1	63.3
148	64.3	32.1	96.5





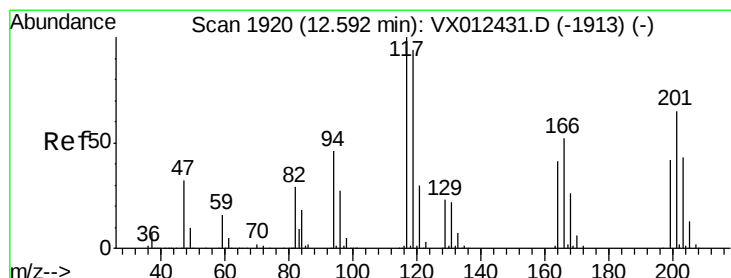
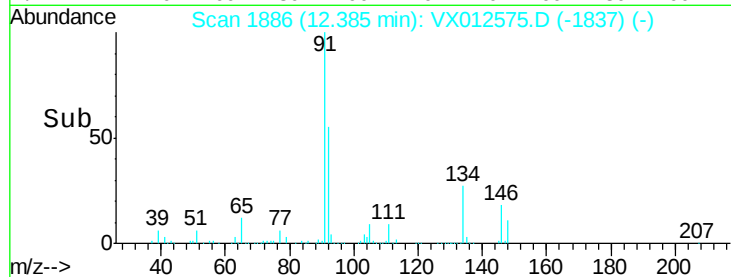
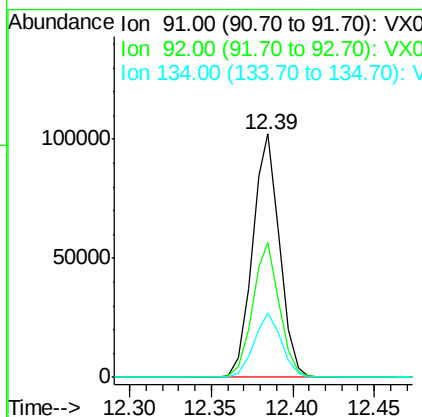
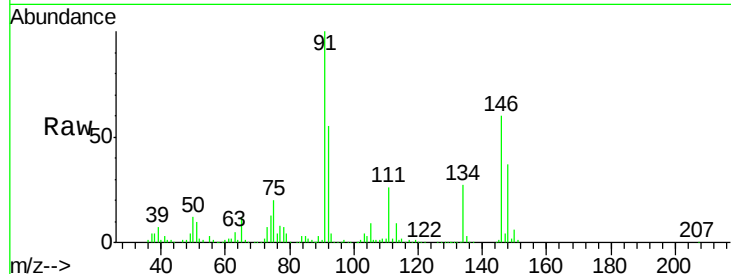
#89
n-Butylbenzene
Concen: 17.943 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	117860		
92	54.5	27.7	83.0	
134	26.7	12.9	38.6	

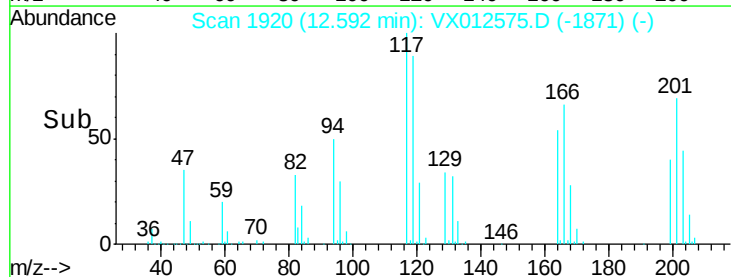
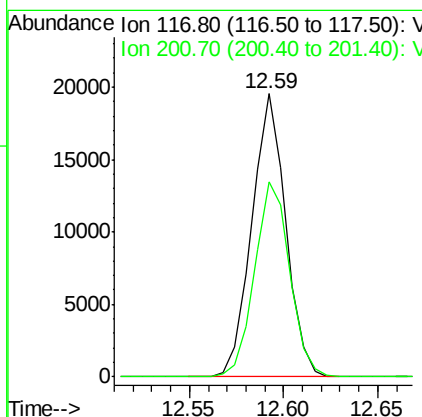
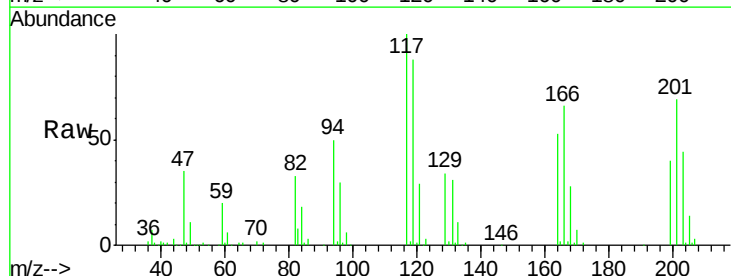
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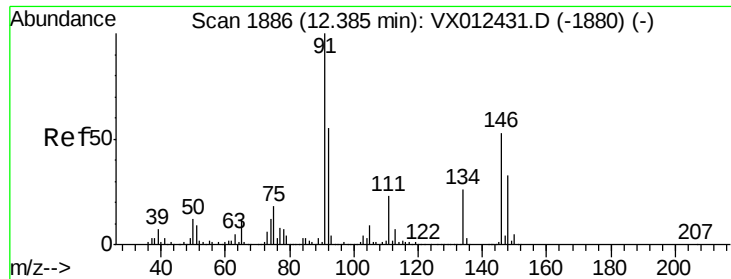
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#90
Hexachloroethane
Concen: 18.028 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012575.D
Acq: 20 Sep 2019 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	24335		
201	71.5	33.3	99.8	





#91

1,2-Dichlorobenzene

Concen: 20.190 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

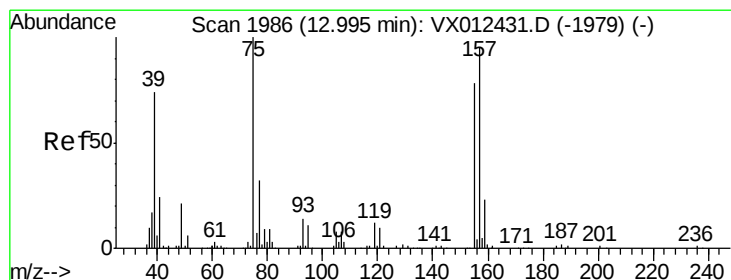
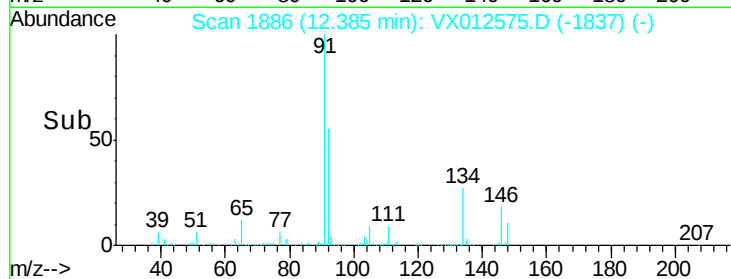
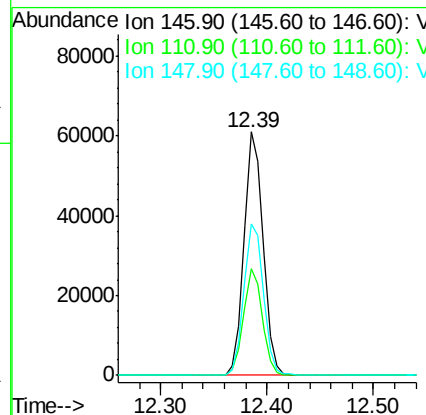
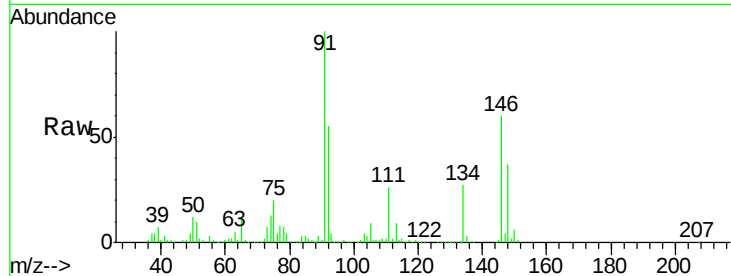
ClientSampleId :

VX0920WBSD02

Tot Ion:	146	Resp:	77076
Ion Ratio	Lower	Upper	
146	100		
111	43.1	22.1	66.1
148	63.9	31.3	93.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.680 ug/l

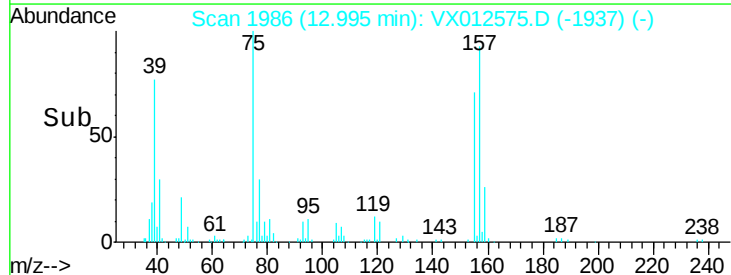
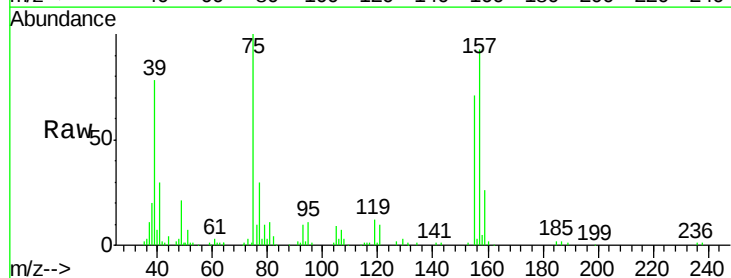
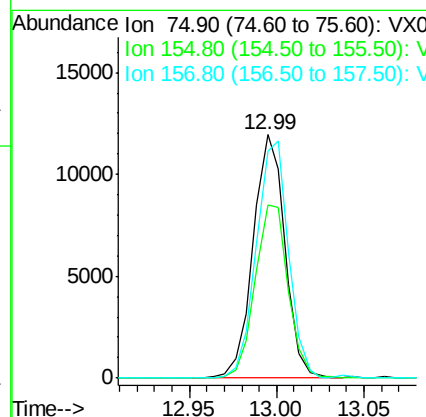
RT: 12.99 min Scan# 1986

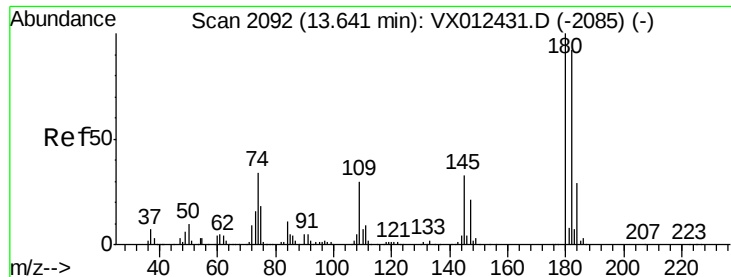
Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Tgt Ion:	75	Resp:	15125
Ion Ratio	Lower	Upper	
75	100		
155	74.3	38.6	115.8
157	99.0	50.6	151.9





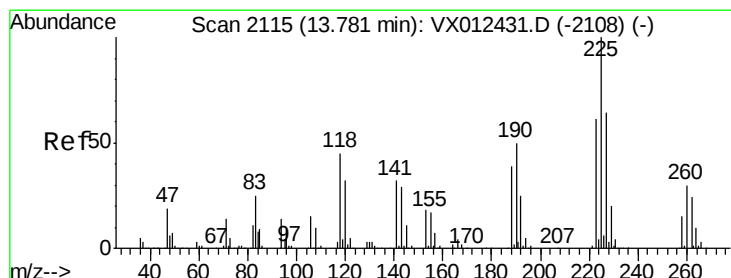
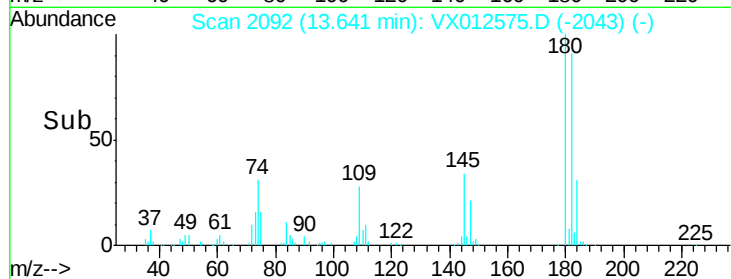
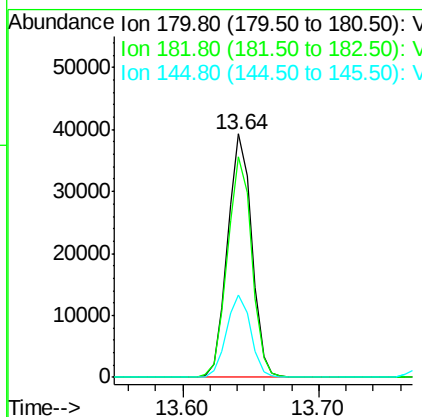
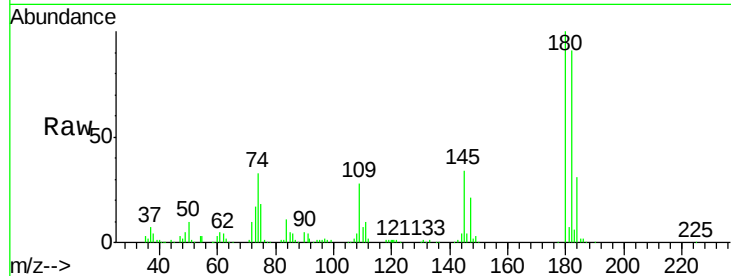
#93
 1,2,4-Trichlorobenzene
 Concen: 19.711 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	48468		
182	91.5	47.0	141.0	
145	34.0	16.8	50.4	

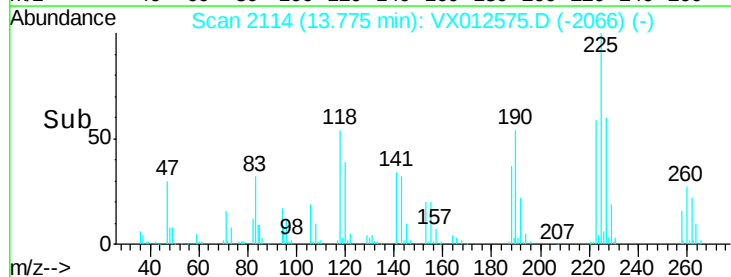
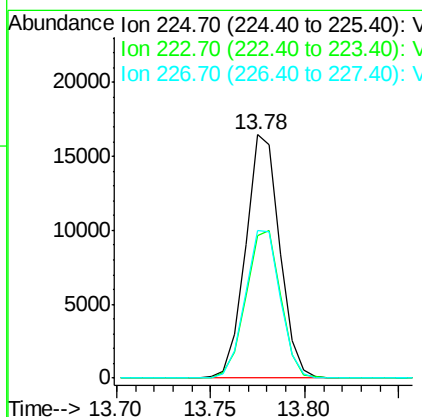
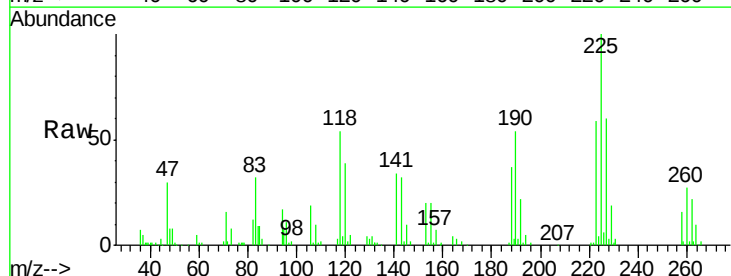
Manual Integrations
 APPROVED

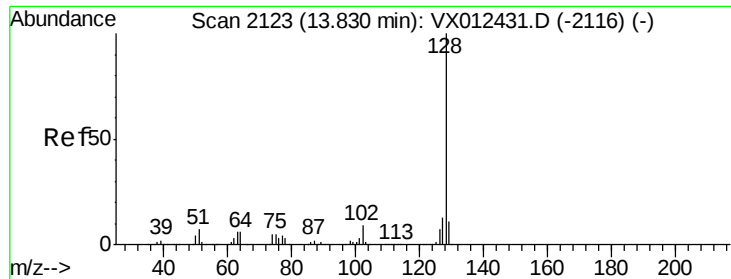
MMDadoda
 9/23/2019 11:28:56 AM



#94
 Hexachlorobutadiene
 Concen: 17.815 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012575.D
 Acq: 20 Sep 2019 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20646		
223	61.8	32.0	96.2	
227	62.3	31.9	95.5	





#95

Naphthalene

Concen: 20.131 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Instrument :

MSVOA_X

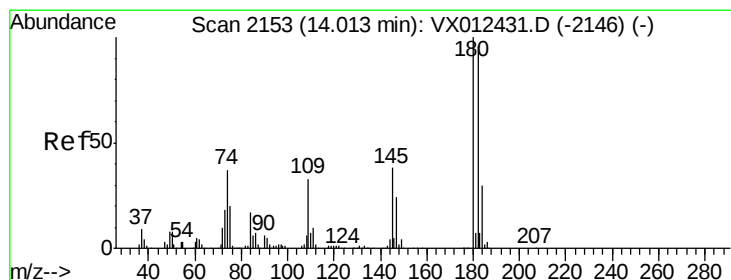
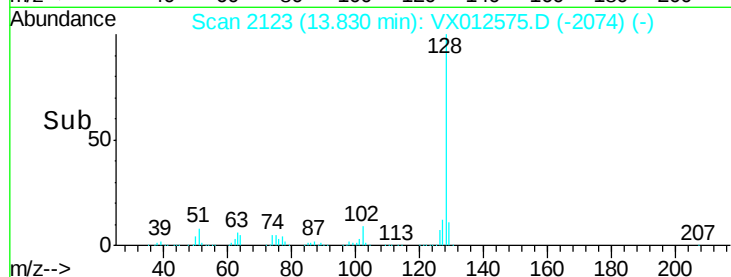
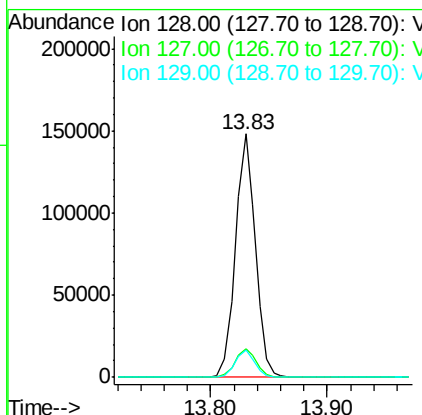
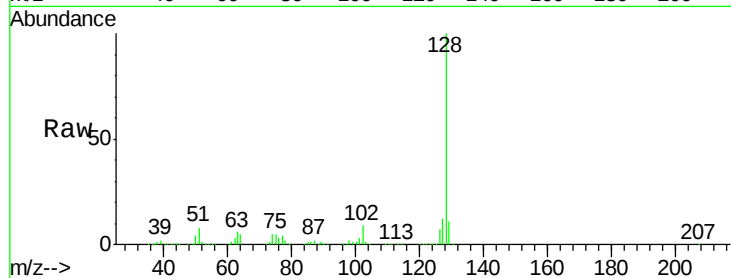
ClientSampleId :

VX0920WBSD02

Tot Ion:	128	Resp:	176130
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.2	15.4
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/23/2019 11:28:56 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.881 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012575.D

Acq: 20 Sep 2019 22:59

Tgt Ion:	180	Resp:	49816
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.1	141.3
145	35.9	18.0	54.0

