

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102419\
 Data File : VX013195.D
 Acq On : 23 Oct 2019 18:32
 Operator : JC/SP
 Sample : VX1024WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/25/2019 4:33:18 PM

Quant Time: Oct 24 04:20:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	85713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	125190	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	127184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	85130	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	84892	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	5.49	113	66991	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.71	98	244138	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
62) 4-Bromofluorobenzene	11.13	95	95706	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	33545	19.396	ug/l	99
3) Chloromethane	1.32	50	28981	20.927	ug/l	99
4) Vinyl Chloride	1.40	62	30458	19.569	ug/l	96
5) Bromomethane	1.63	94	19942	24.173	ug/l	92
6) Chloroethane	1.72	64	19785	21.244	ug/l	98
7) Trichlorofluoromethane	1.92	101	49976	20.525	ug/l	100
8) Diethyl Ether	2.18	74	17105	20.306	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	30087	19.780	ug/l	98
10) Methyl Iodide	2.50	142	34194	20.120	ug/l	98
11) Tert butyl alcohol	3.03	59	40149	102.606	ug/l	99
12) 1,1-Dichloroethene	2.36	96	28878	19.778	ug/l	93
13) Acrolein	2.28	56	18734	89.068	ug/l	99
14) Allyl chloride	2.72	41	46100	20.055	ug/l	99
15) Acrylonitrile	3.13	53	80764	102.208	ug/l	98
16) Acetone	2.43	43	91406	108.225	ug/l	99
17) Carbon Disulfide	2.56	76	74850	19.068	ug/l	98
18) Methyl Acetate	2.76	43	39526	21.986	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	104593	20.342	ug/l	99
20) Methylene Chloride	2.84	84	32834	20.957	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	32095	21.401	ug/l	94
22) Diisopropyl ether	3.84	45	92410	20.560	ug/l	95
23) Vinyl Acetate	3.80	43	400437	104.820	ug/l	99
24) 1,1-Dichloroethane	3.69	63	55751	20.166	ug/l	98
25) 2-Butanone	4.66	43	119291	105.317	ug/l	99
26) 2,2-Dichloropropane	4.57	77	50738	19.858	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	36203	20.246	ug/l	98
28) Bromochloromethane	5.00	49	14635	20.530	ug/l	98
29) Tetrahydrofuran	5.12	42	71065	104.088	ug/l	97
30) Chloroform	5.20	83	59924	20.358	ug/l	100
31) Cyclohexane	5.57	56	47761	20.600	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	53120	20.297	ug/l	98
36) 1,1-Dichloropropene	5.79	75	43381	20.656	ug/l	99
37) Ethyl Acetate	4.82	43	43502	20.852	ug/l	98
38) Carbon Tetrachloride	5.78	117	45469	19.650	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52517	19.595	ug/l	100
40) Benzene	6.14	78	126325	20.089	ug/l	100
41) Methacrylonitrile	5.03	41	23455	20.970	ug/l	98
42) 1,2-Dichloroethane	6.18	62	48681	20.533	ug/l	99
43) Isopropyl Acetate	6.43	43	71292	20.582	ug/l	99
44) Trichloroethene	7.21	130	35647	19.974	ug/l	99
45) 1,2-Dichloropropane	7.51	63	31618	20.076	ug/l	99
46) Dibromomethane	7.65	93	22665	19.974	ug/l	98
47) Bromodichloromethane	7.89	83	44544	20.144	ug/l	98
48) Methyl methacrylate	7.76	41	35015	20.453	ug/l	99
49) 1,4-Dioxane	7.73	88	17455	400.606	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	218579	103.530	ug/l	99
52) Toluene	8.78	92	82265	19.741	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	49024	20.862	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	53277	20.725	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	33041	20.054	ug/l	91
56) Ethyl methacrylate	9.17	69	52108	21.014	ug/l	99
57) 1,3-Dichloropropane	9.37	76	56550	20.342	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	104607	108.112	ug/l	99
59) 2-Hexanone	9.49	43	170468	104.820	ug/l	98
60) Dibromochloromethane	9.57	129	34380	19.914	ug/l	97
61) 1,2-Dibromoethane	9.67	107	35505	20.299	ug/l	98
64) Tetrachloroethene	9.33	164	34888	21.119	ug/l	97
65) Chlorobenzene	10.14	112	87291	19.606	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	32606	19.825	ug/l	98
67) Ethyl Benzene	10.25	91	157333	19.740	ug/l	99
68) m/p-Xylenes	10.35	106	119140	39.553	ug/l	100
69) o-Xylene	10.70	106	58334	20.188	ug/l	98
70) Styrene	10.71	104	99163	19.930	ug/l	99
71) Bromoform	10.85	173	23570	19.613	ug/l #	97
73) Isopropylbenzene	11.01	105	158586	20.514	ug/l	100
74) N-amyl acetate	10.89	43	57940	20.421	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	47426	20.204	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	40777m	19.874	ug/l	
77) Bromobenzene	11.25	156	37511	20.245	ug/l	97
78) n-propylbenzene	11.35	91	172471	20.539	ug/l	100
79) 2-Chlorotoluene	11.42	91	107333	20.230	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	129158	20.101	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	14825	19.855	ug/l	95
82) 4-Chlorotoluene	11.51	91	125484	20.874	ug/l	99
83) tert-Butylbenzene	11.76	119	126372	19.878	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	135383	20.888	ug/l	100
85) sec-Butylbenzene	11.94	105	144792	20.014	ug/l	99
86) p-Isopropyltoluene	12.06	119	138522	20.381	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	67655	20.212	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	67100	19.689	ug/l	100
89) n-Butylbenzene	12.38	91	113038	20.331	ug/l	97
90) Hexachloroethane	12.59	117	22404	19.684	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	65968	20.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11423	19.569	ug/l	100

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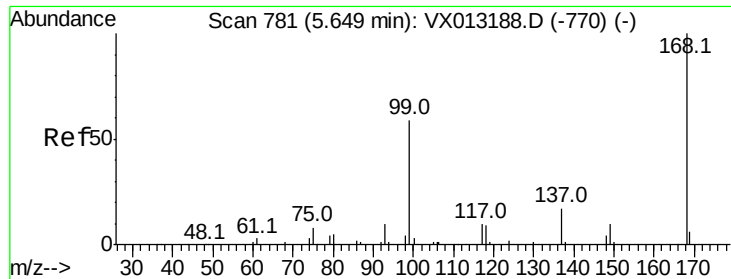
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	41609	20.076	ug/l	96
94) Hexachlorobutadiene	13.77	225	21047	19.631	ug/l	97
95) Naphthalene	13.83	128	136405	21.444	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	42505	20.754	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

Tot Ion:168 Resp: 85713

Ion Ratio Lower Upper

168 100

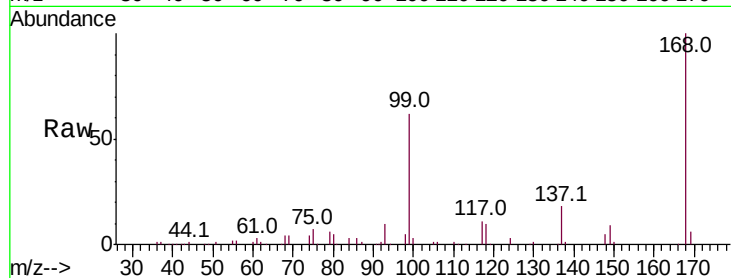
99 61.6 47.0 70.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

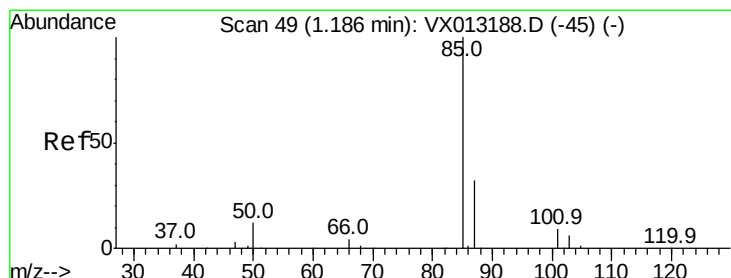
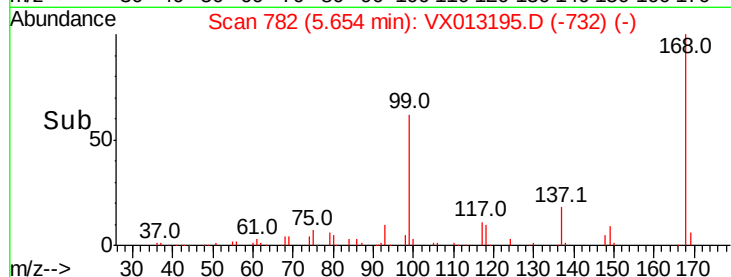
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.396 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013195.D

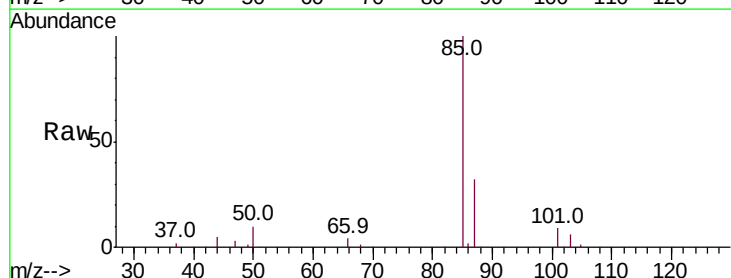
Acq: 23 Oct 2019 18:32

Tgt Ion: 85 Resp: 33545

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

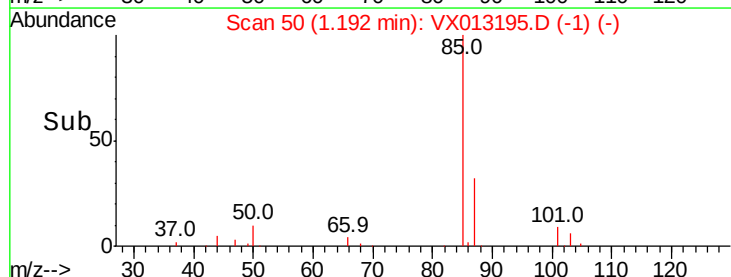
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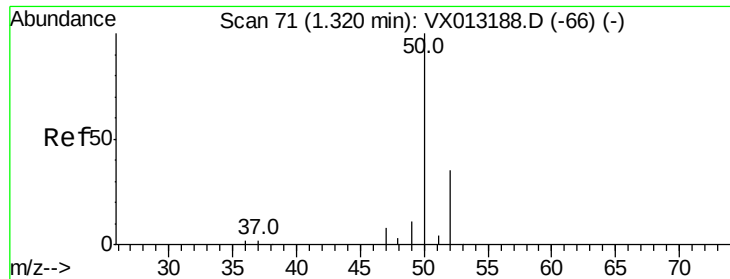
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 20.927 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

Tot Ion: 50 Resp: 28981

Ion Ratio Lower Upper

50 100

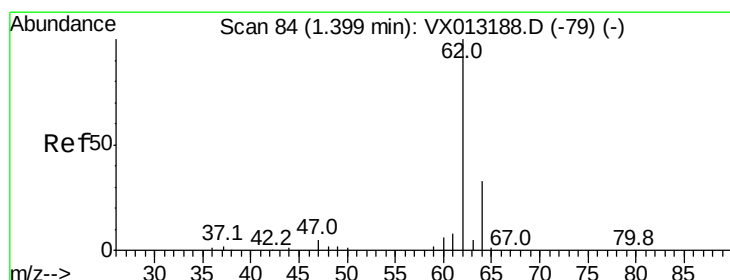
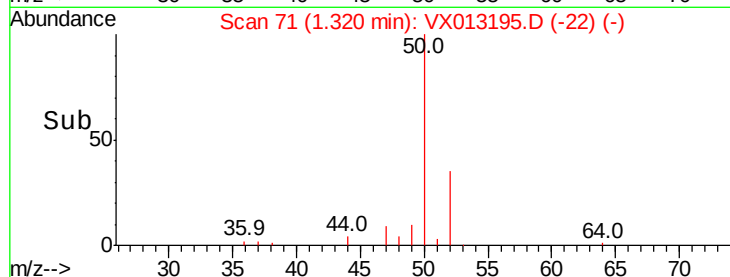
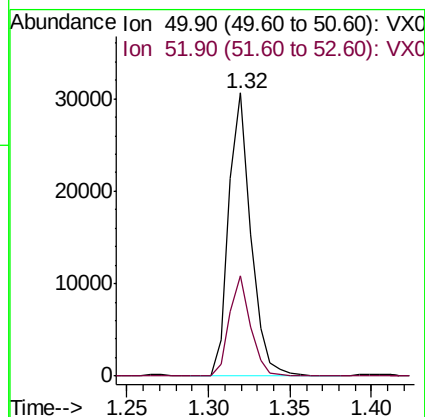
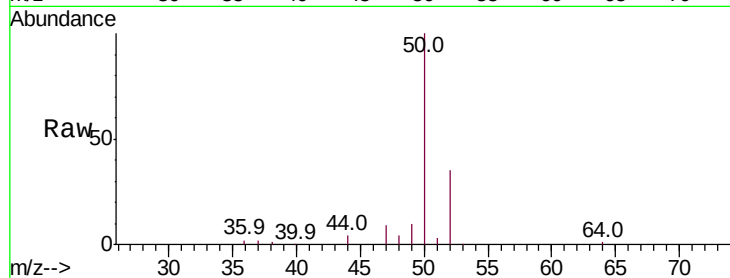
52 35.4 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.569 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013195.D

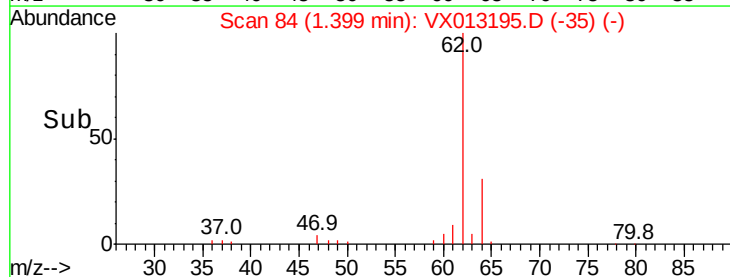
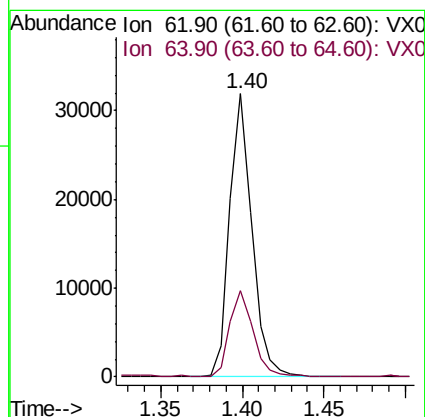
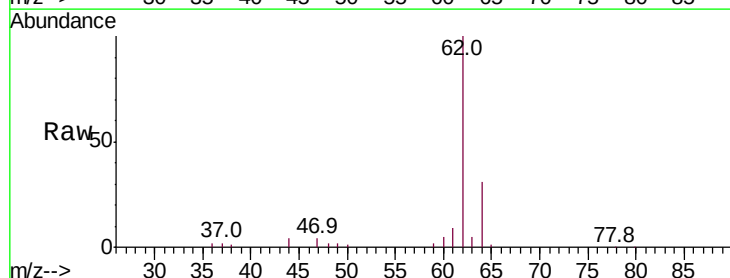
Acq: 23 Oct 2019 18:32

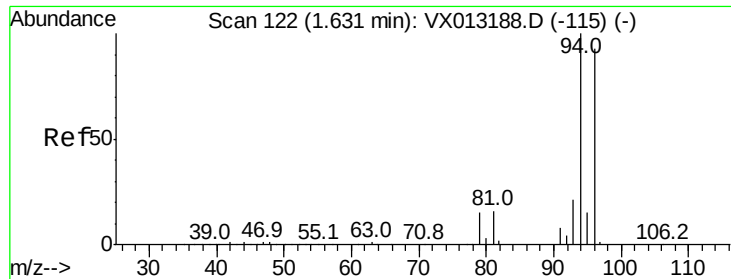
Tgt Ion: 62 Resp: 30458

Ion Ratio Lower Upper

62 100

64 30.6 26.4 39.6





#5

Bromomethane

Concen: 24.173 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

Tot Ion: 94 Resp: 19942

Ion Ratio Lower Upper

94 100

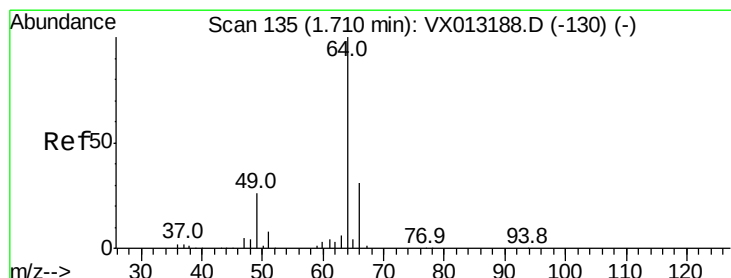
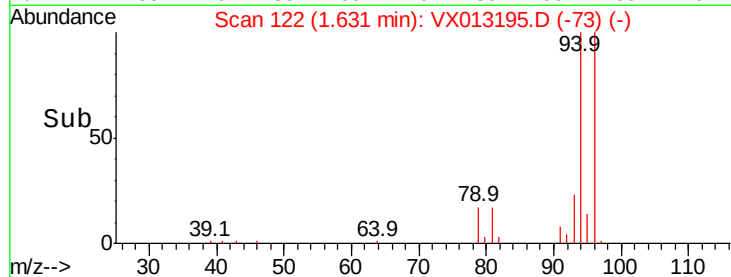
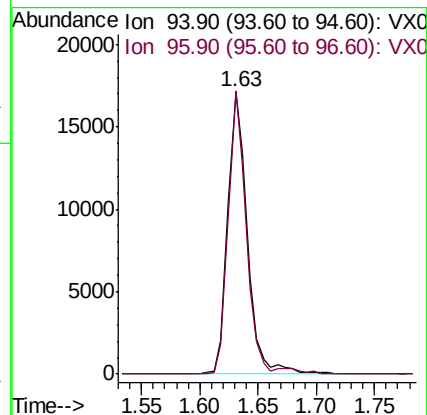
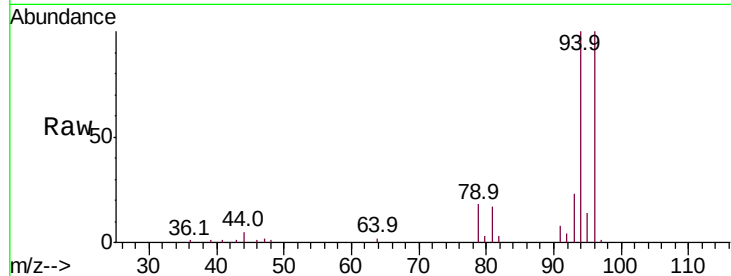
96 100.3 74.2 111.2

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#6

Chloroethane

Concen: 21.244 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013195.D

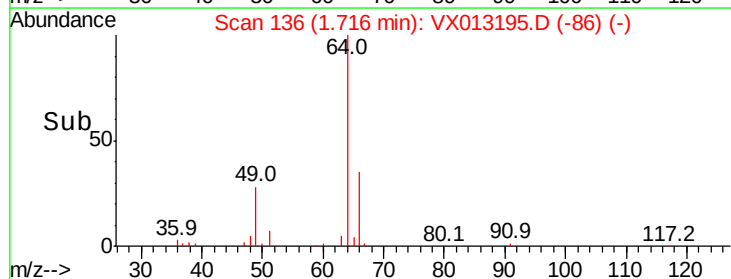
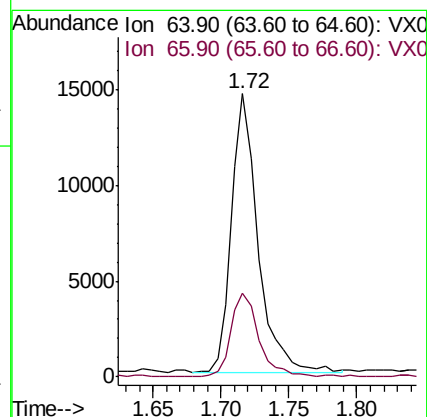
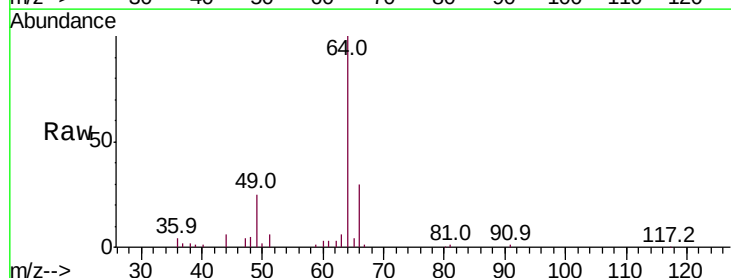
Acq: 23 Oct 2019 18:32

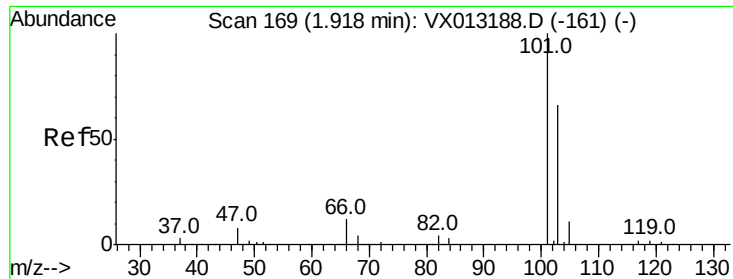
Tgt Ion: 64 Resp: 19785

Ion Ratio Lower Upper

64 100

66 30.2 25.0 37.6





#7

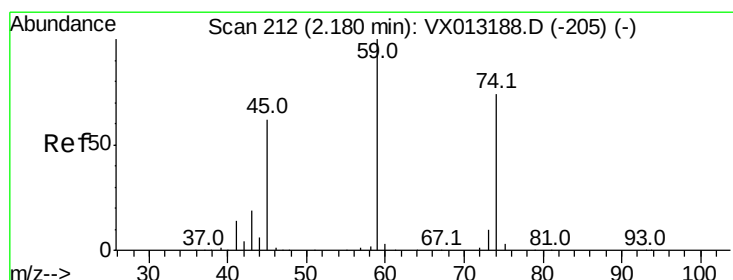
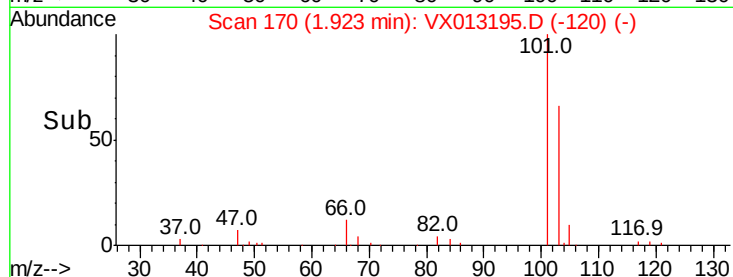
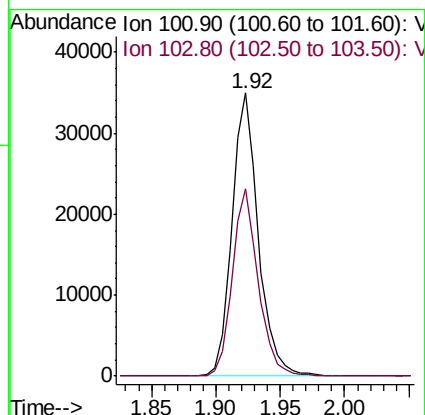
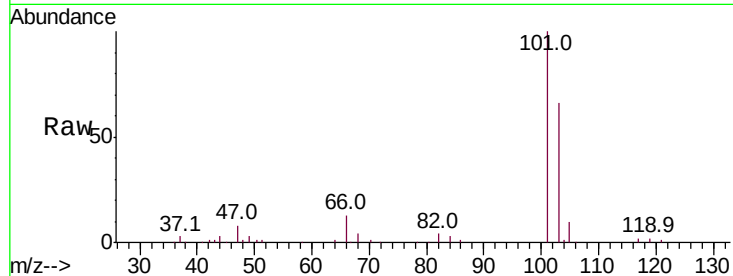
Trichlorofluoromethane
Concen: 20.525 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
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ClientSampleId :
VX1024WBSD02

Tot Ion:101 Resp: 49976
Ion Ratio Lower Upper
101 100
103 66.1 53.0 79.6

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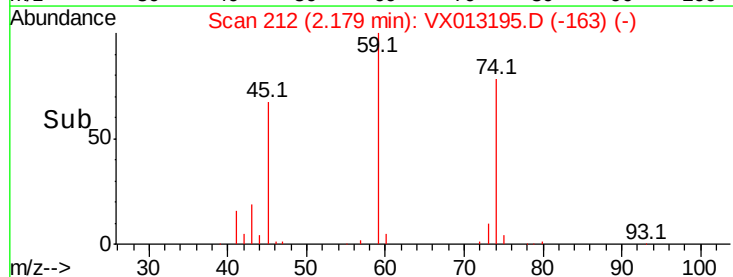
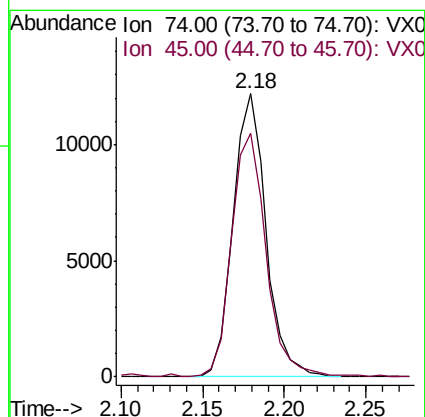
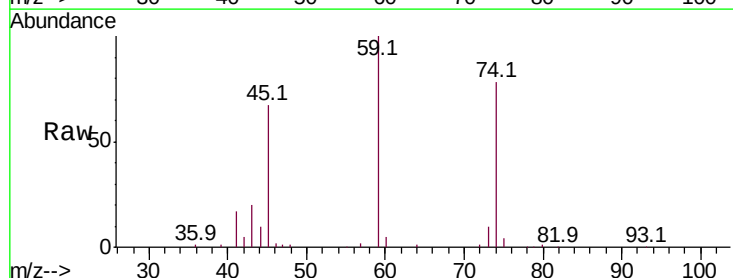
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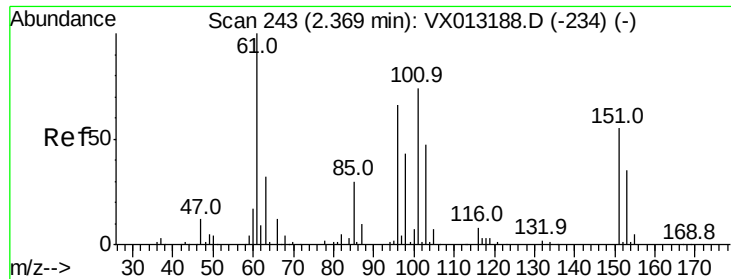


#8

Diethyl Ether
Concen: 20.306 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion: 74 Resp: 17105
Ion Ratio Lower Upper
74 100
45 90.5 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.780 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

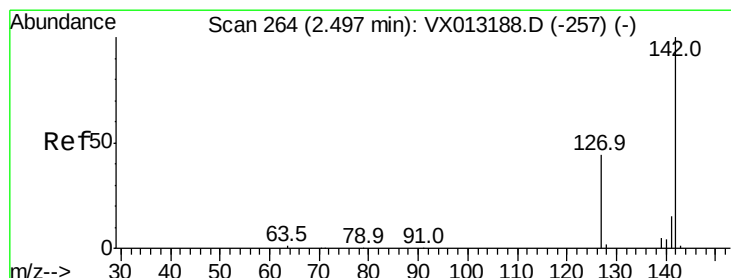
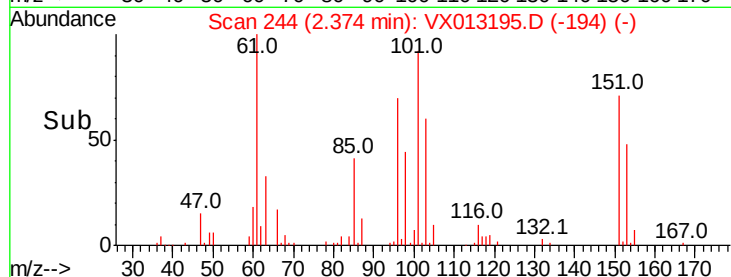
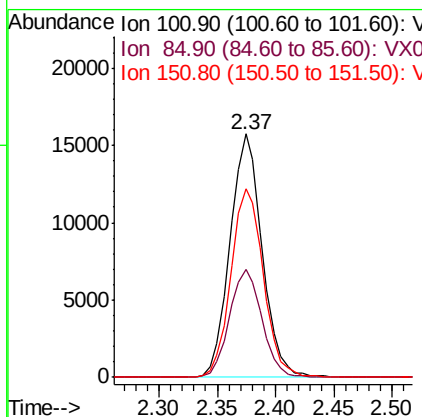
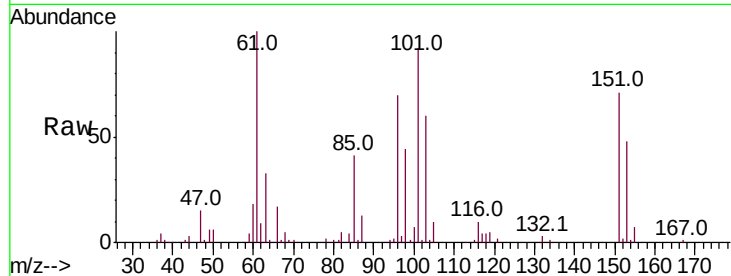
ClientSampleId :

VX1024WBSD02

Tot Ion:	101	Resp:	30087
Ion Ratio	Lower	Upper	
101	100		
85	44.7	34.0	51.0
151	78.4	62.0	93.0

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#10

Methyl Iodide

Concen: 20.120 ug/l

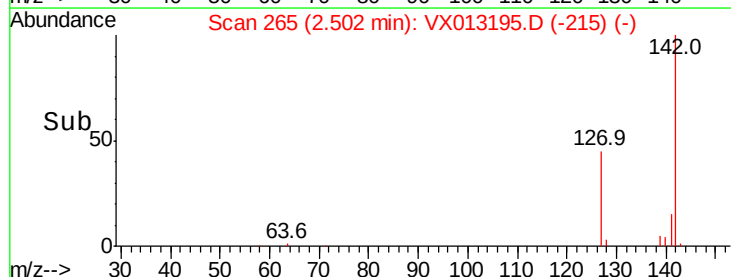
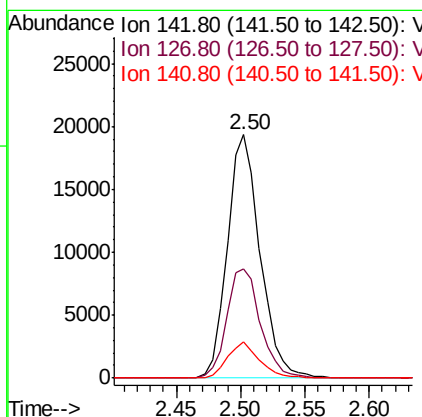
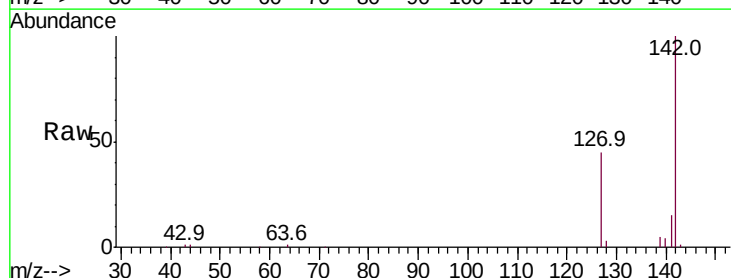
RT: 2.50 min Scan# 265

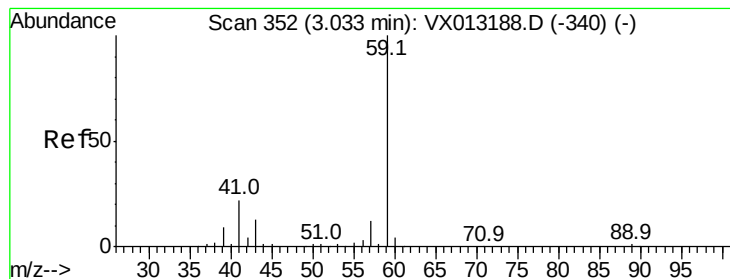
Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Tgt Ion:	142	Resp:	34194
Ion Ratio	Lower	Upper	
142	100		
127	46.3	35.6	53.4
141	14.3	11.6	17.4





#11

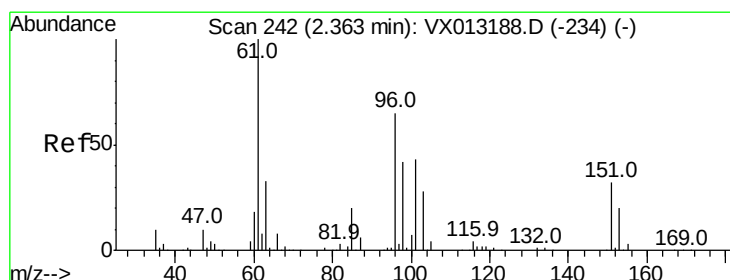
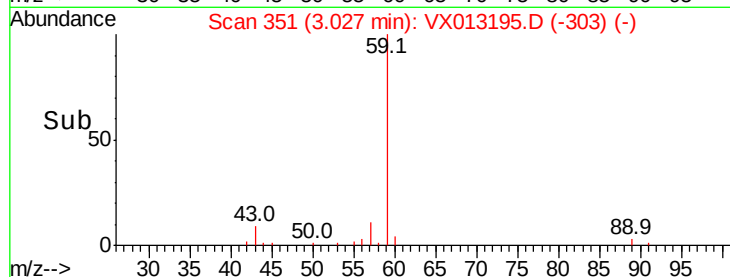
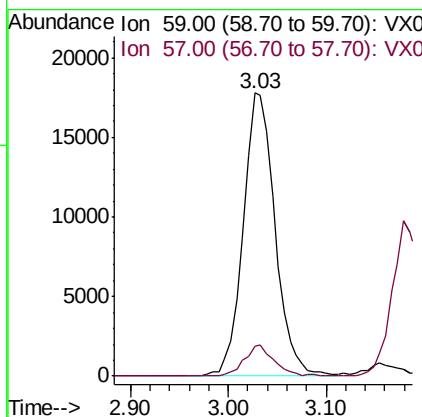
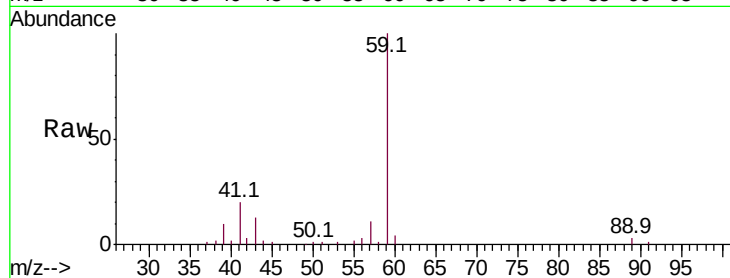
Tert butyl alcohol
 Concen: 102.606 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

Tot Ion	59.00 (58.70 to 59.70): VX0	Resp	40149
Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.4

Manual Integrations
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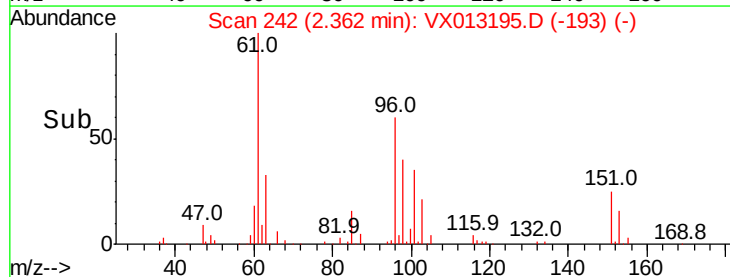
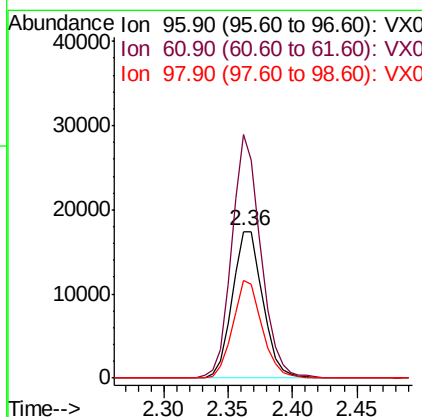
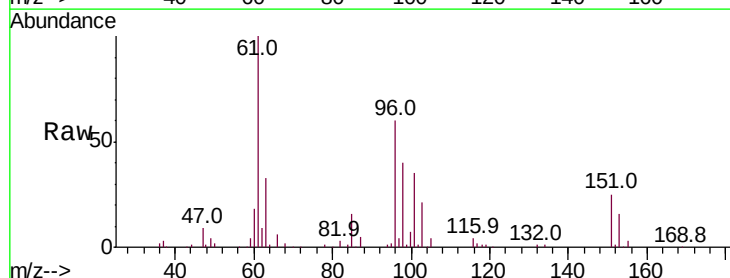
MMDadoda
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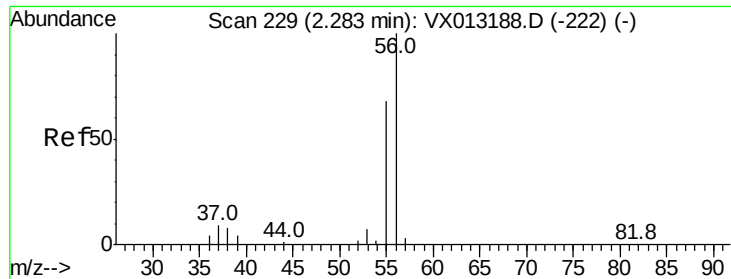


#12

1,1-Dichloroethene
 Concen: 19.778 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Tgt Ion	96	Resp	28878
Ion	Ratio	Lower	Upper
96	100		
61	165.8	123.8	185.8
98	66.8	51.6	77.4





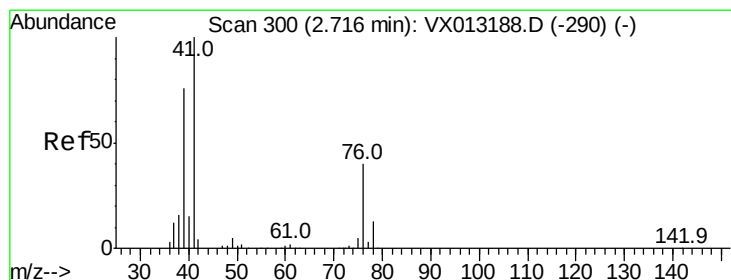
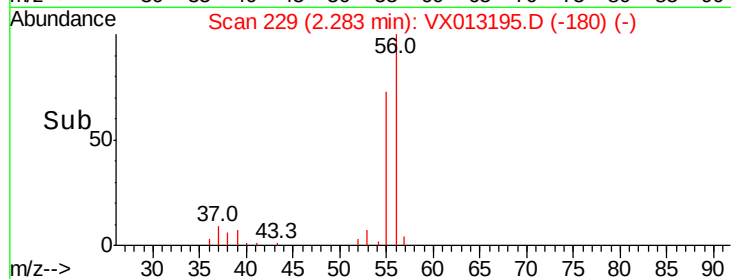
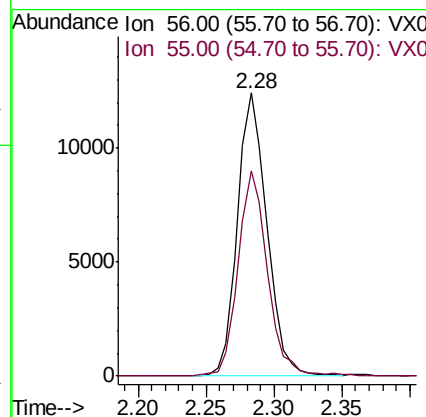
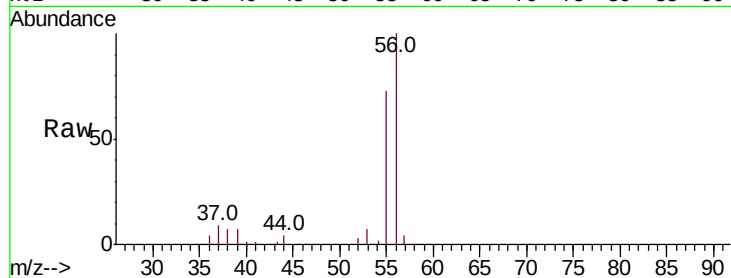
#13
Acrolein
Concen: 89.068 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion	56	Resp	18734
Ion Ratio	Lower	Upper	
56	100		
55	72.7	58.9	88.3

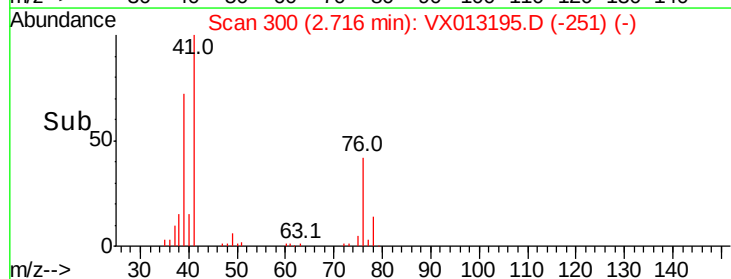
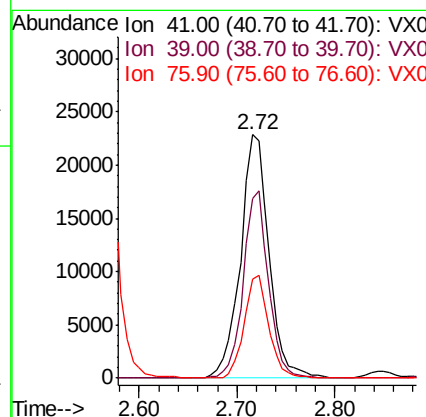
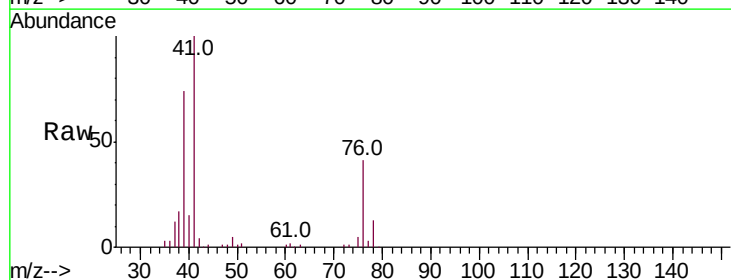
Manual Integrations
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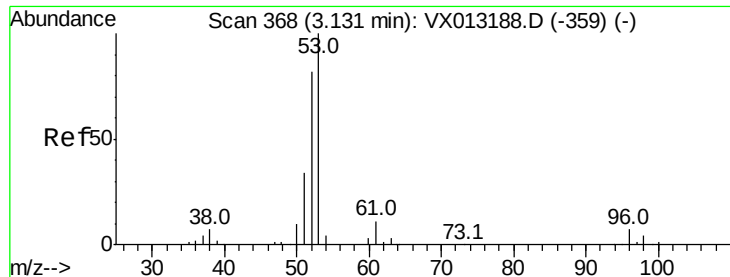
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#14
Allyl chloride
Concen: 20.055 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion	41	Resp	46100
Ion Ratio	Lower	Upper	
41	100		
39	68.2	54.6	81.8
76	36.4	29.8	44.6





#15

Acrylonitrile

Concen: 102.208 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

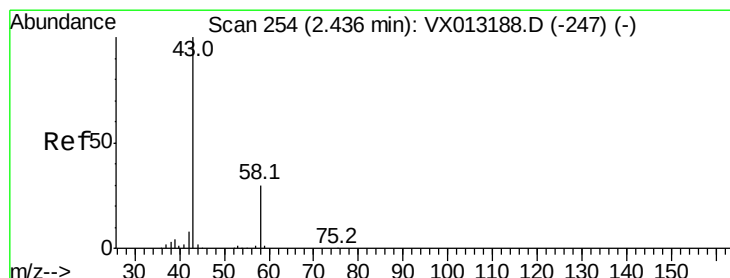
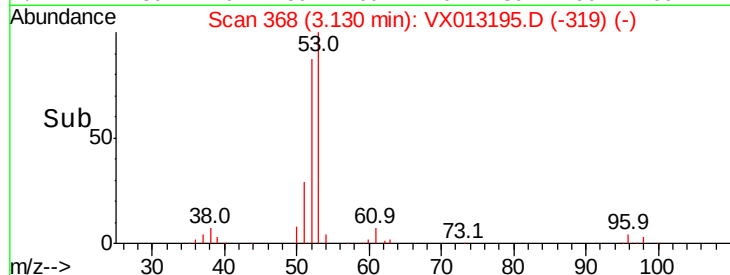
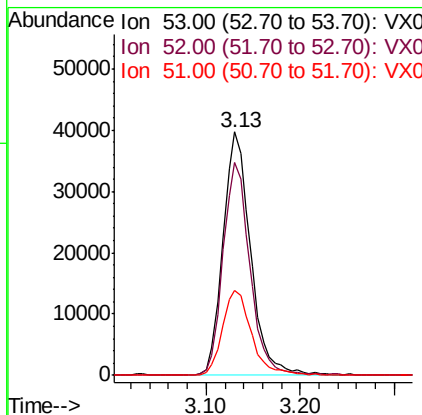
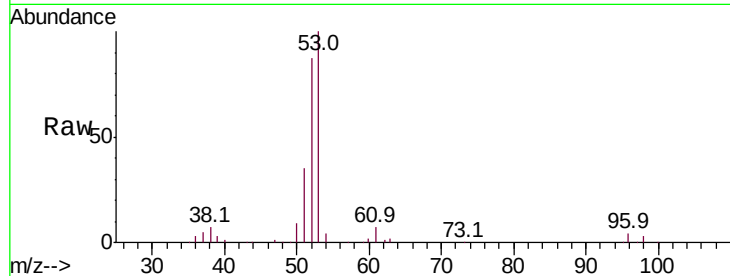
ClientSampleId :

VX1024WBSD02

Tot Ion:	53	Resp:	80764
Ion	Ratio	Lower	Upper
53	100		
52	85.6	66.4	99.6
51	36.8	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 108.225 ug/l

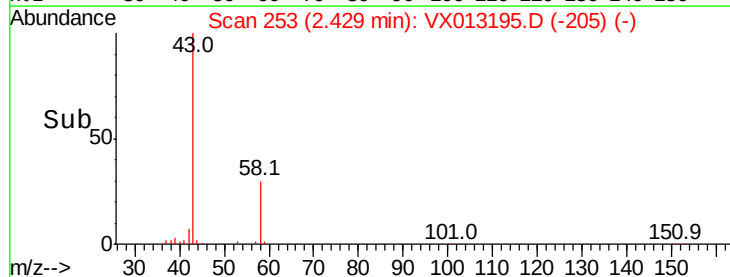
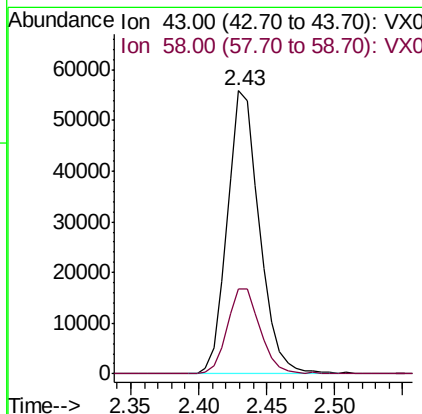
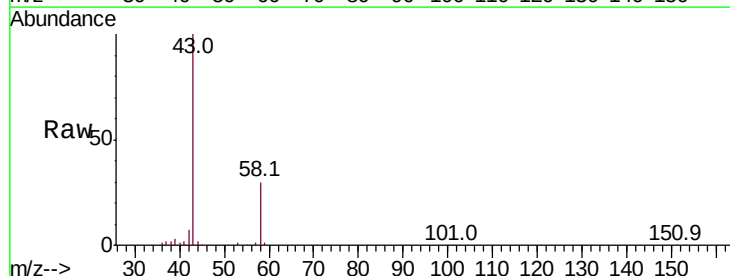
RT: 2.43 min Scan# 253

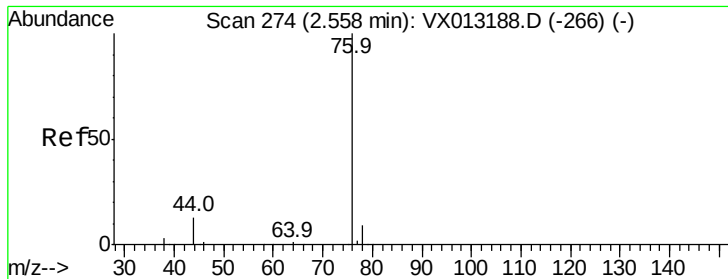
Delta R.T. -0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Tgt Ion:	43	Resp:	91406
Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.8	35.6





#17

Carbon Disulfide

Concen: 19.068 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

Tot Ion: 76 Resp: 74850

Ion Ratio Lower Upper

76 100

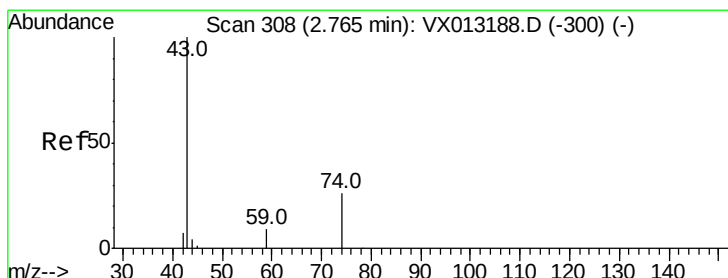
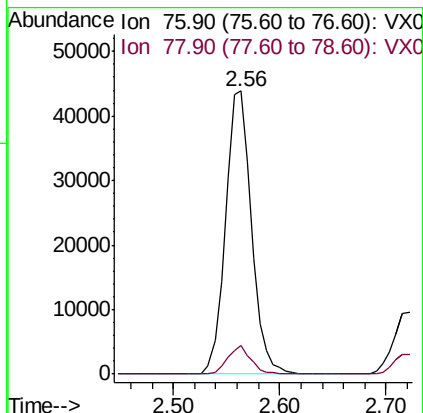
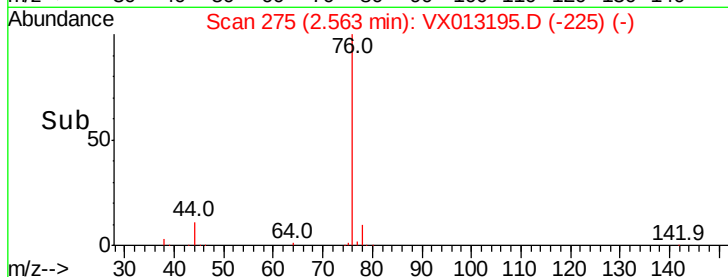
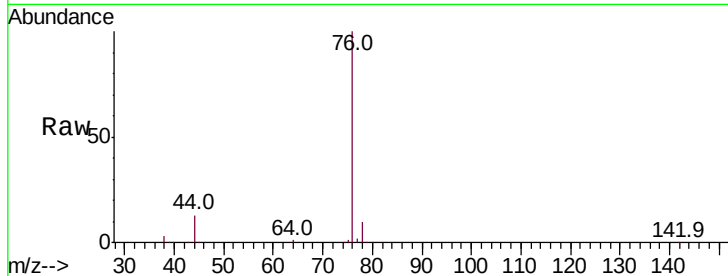
78 9.9 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 21.986 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX013195.D

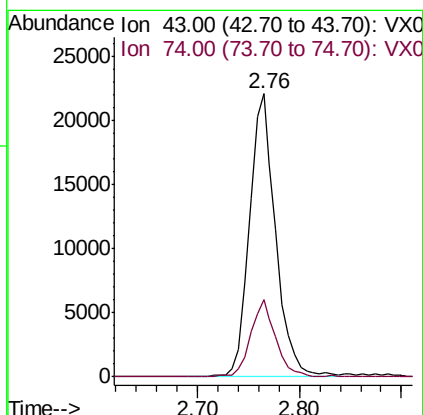
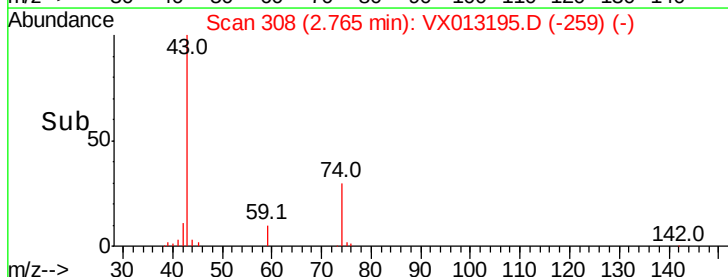
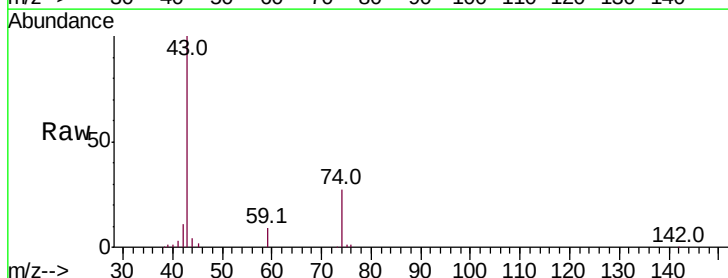
Acq: 23 Oct 2019 18:32

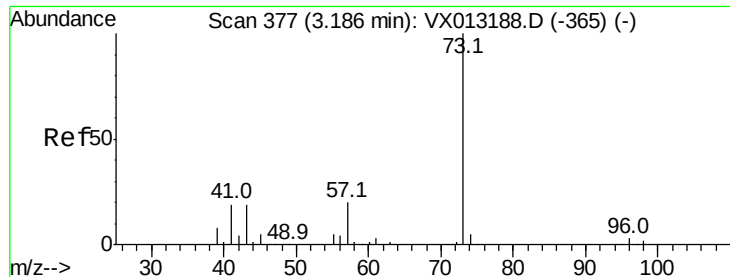
Tgt Ion: 43 Resp: 39526

Ion Ratio Lower Upper

43 100

74 26.0 20.9 31.3





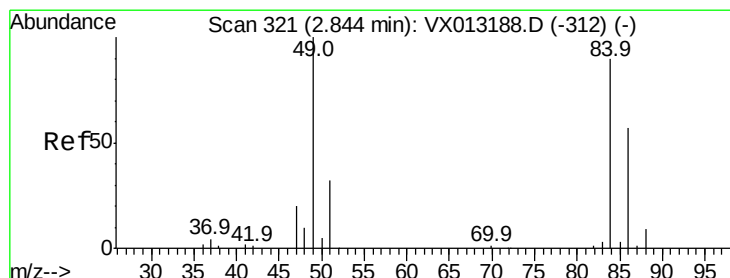
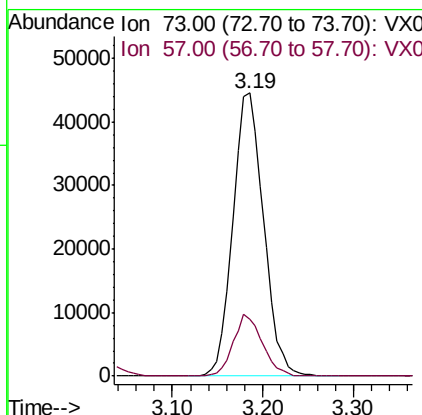
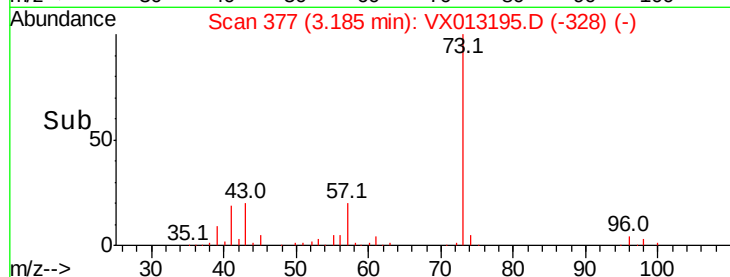
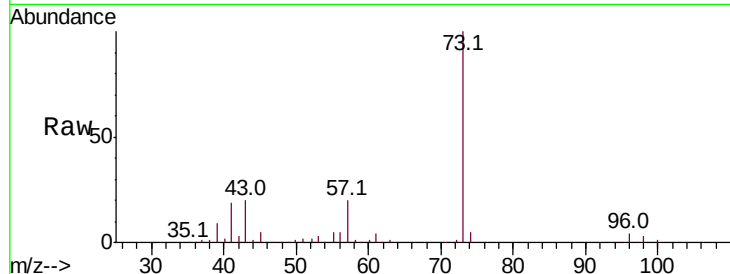
#19
Methyl tert-butyl Ether
Concen: 20.342 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion: 73 Resp: 104593
Ion Ratio Lower Upper
73 100
57 20.2 15.8 23.8

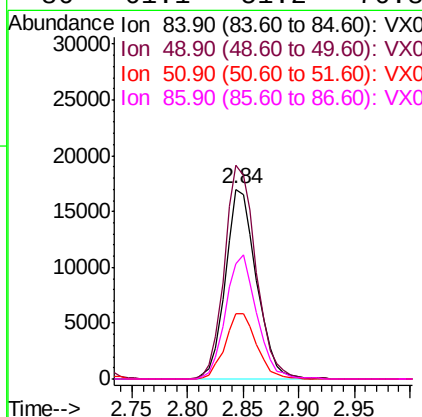
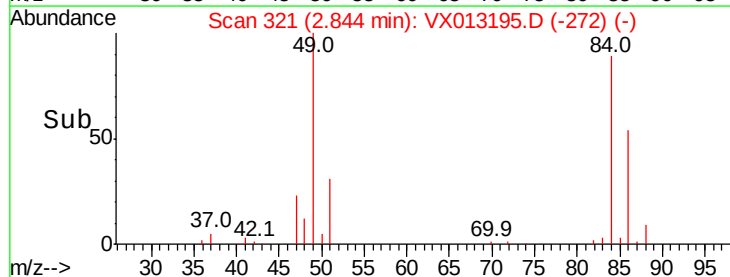
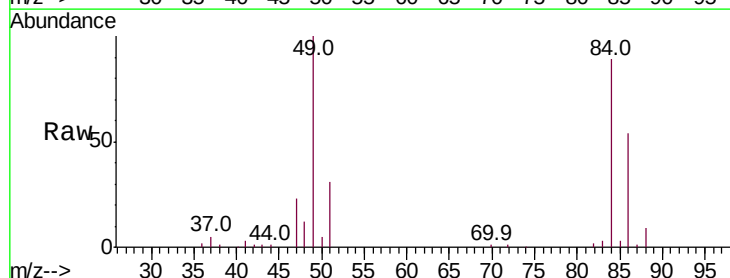
Manual Integrations
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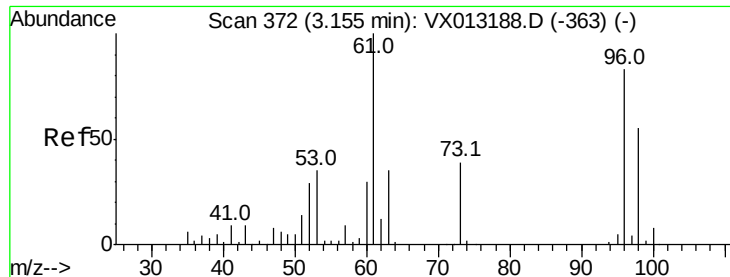
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#20
Methylene Chloride
Concen: 20.957 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion: 84 Resp: 32834
Ion Ratio Lower Upper
84 100
49 112.7 89.2 133.8
51 34.5 28.8 43.2
86 61.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.401 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

Tot Ion: 96 Resp: 32095

Ion Ratio Lower Upper

96 100

61 128.8 96.9 145.3

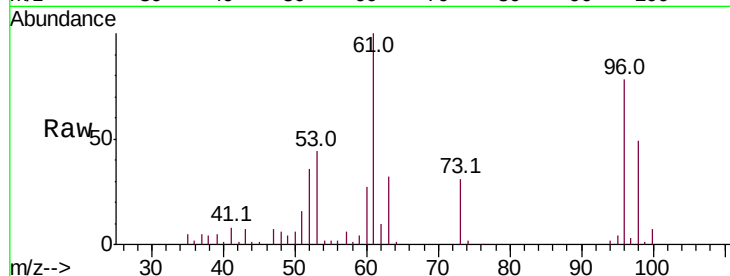
98 63.1 53.0 79.4

Manual Integrations

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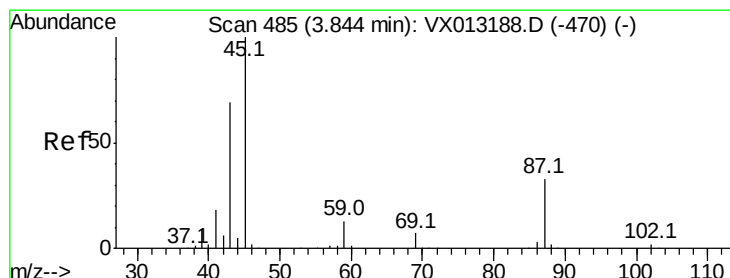
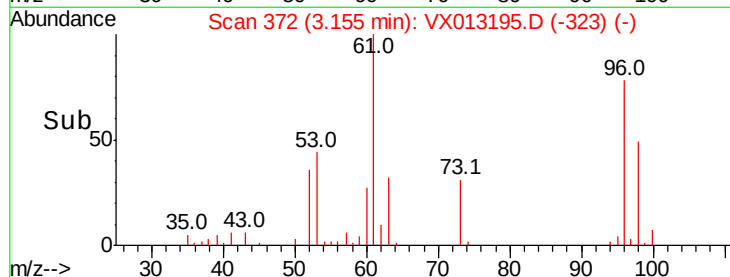
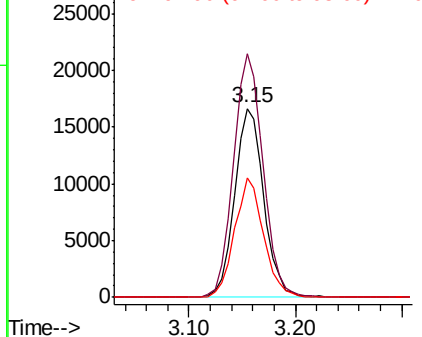


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.560 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Tgt Ion: 45 Resp: 92410

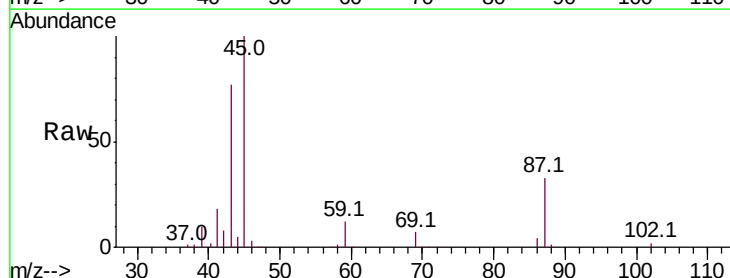
Ion Ratio Lower Upper

45 100

43 76.2 55.5 83.3

87 33.3 26.7 40.1

59 12.2 10.2 15.2



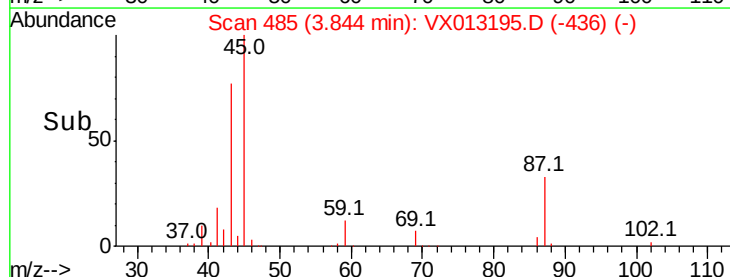
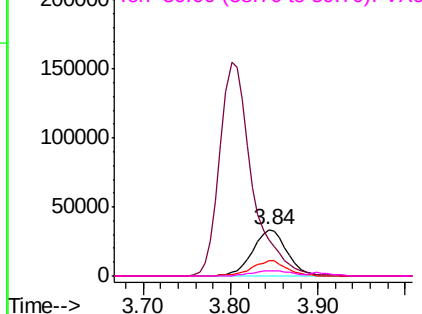
Abundance

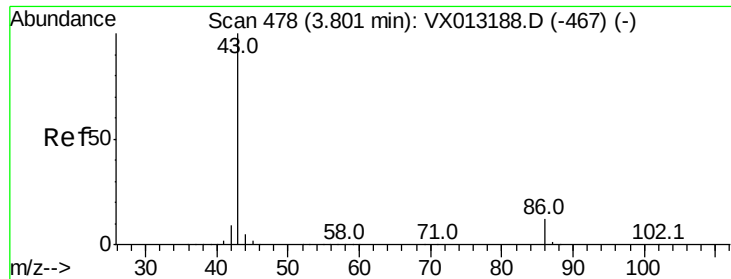
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 104.820 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleID :

VX1024WBSD02

Tot Ion: 43 Resp: 400437

Ion Ratio Lower Upper

43 100

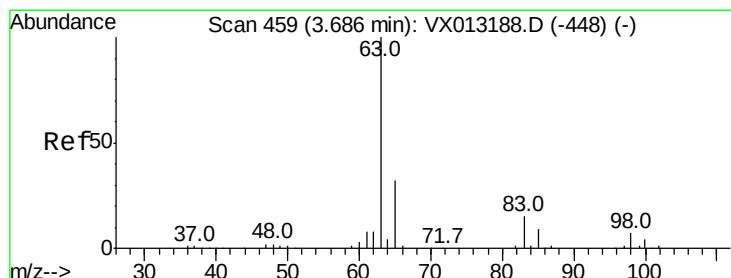
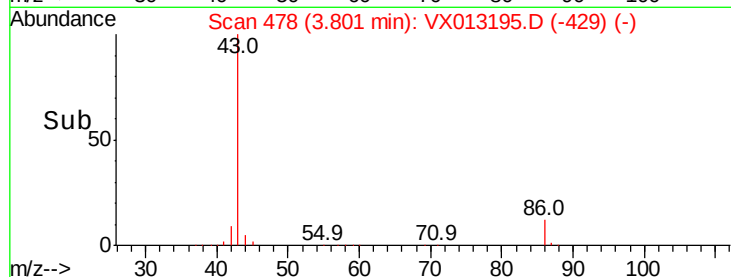
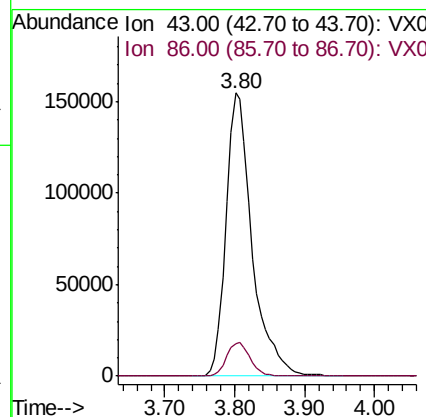
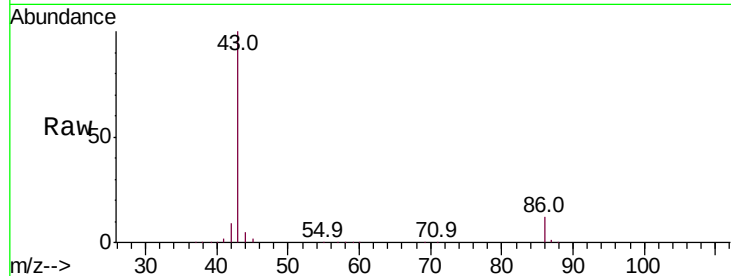
86 11.6 9.7 14.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.166 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

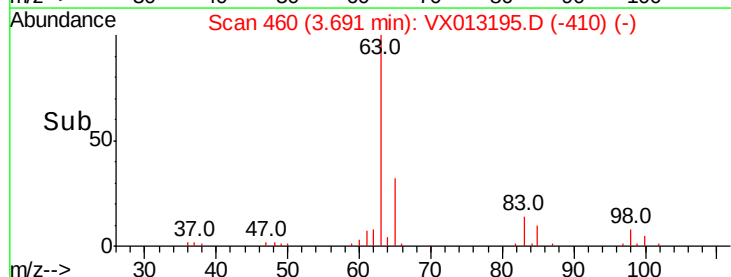
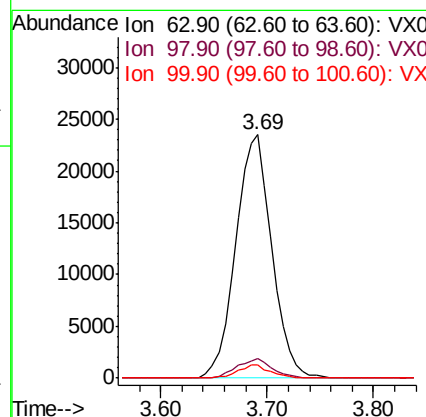
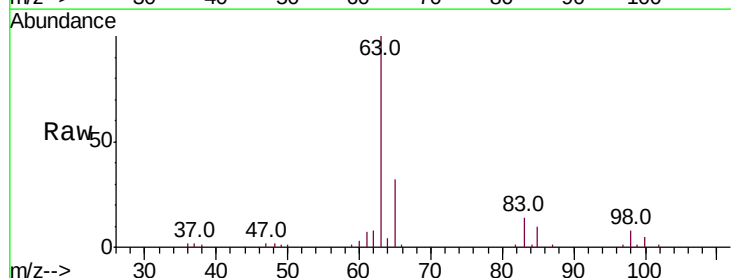
Tgt Ion: 63 Resp: 55751

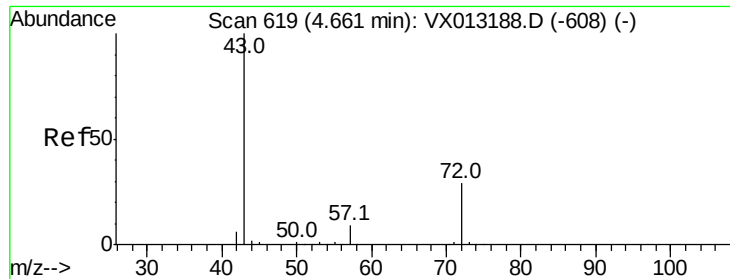
Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.2

100 5.4 2.2 6.6





#25

2-Butanone

Concen: 105.317 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

Tot Ion: 43 Resp: 119291

Ion Ratio Lower Upper

43 100

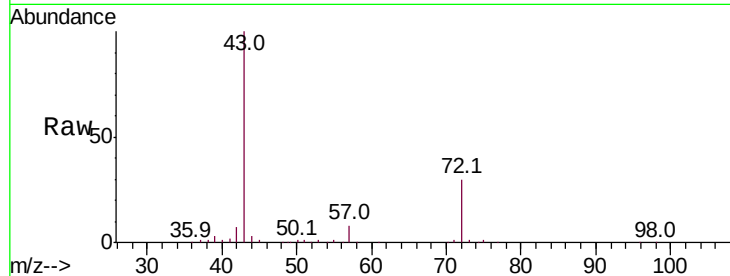
72 29.9 23.4 35.2

Manual Integrations

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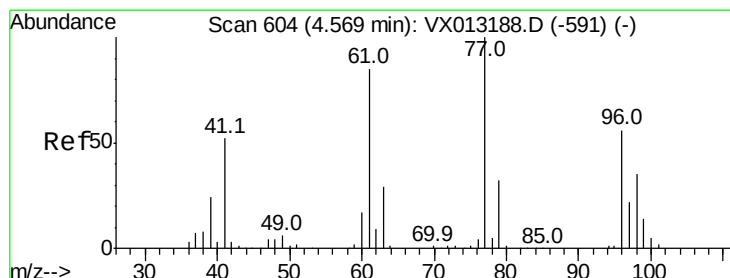
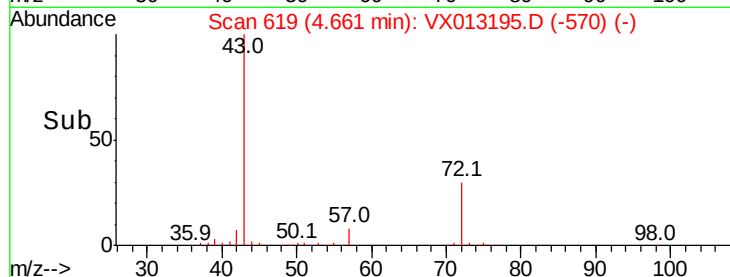
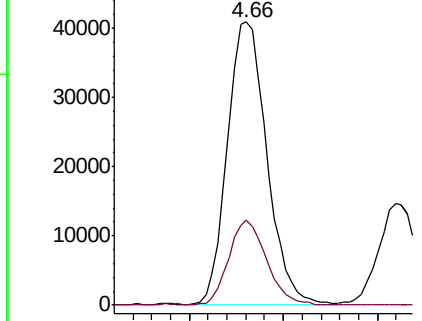
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.858 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013195.D

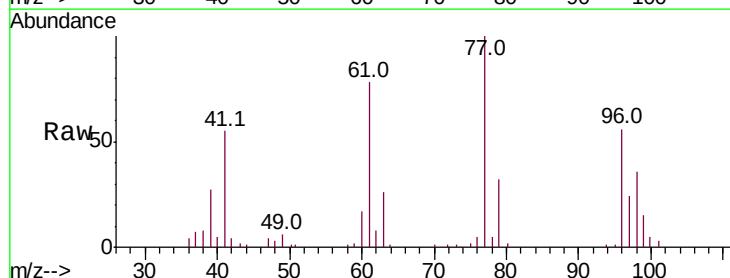
Acq: 23 Oct 2019 18:32

Tgt Ion: 77 Resp: 50738

Ion Ratio Lower Upper

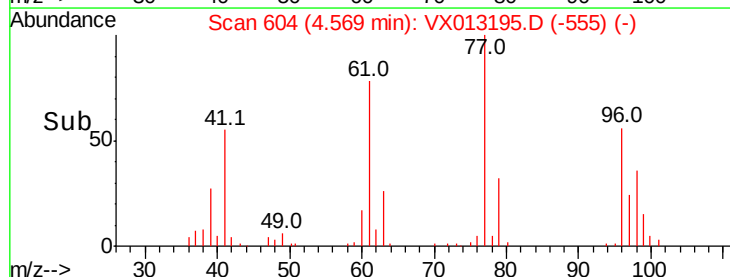
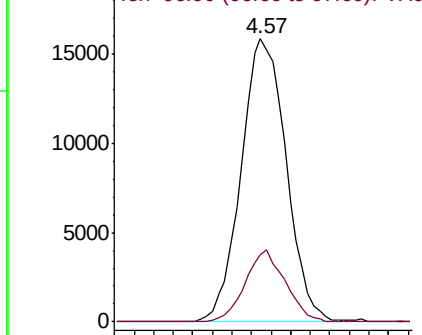
77 100

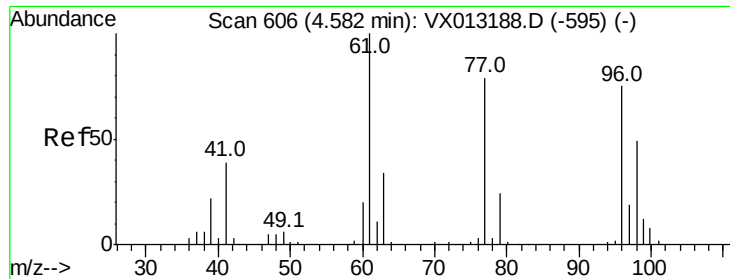
97 22.5 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

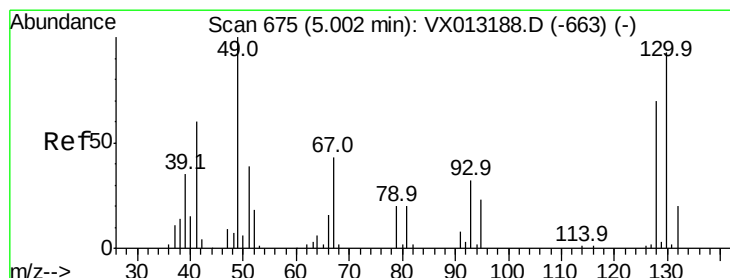
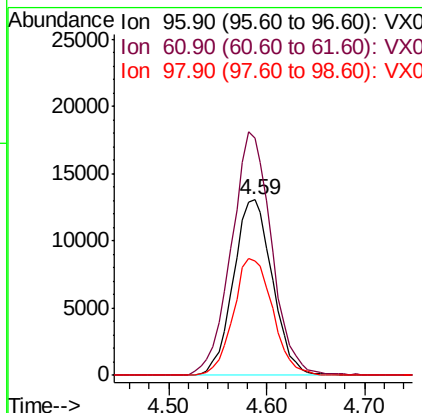
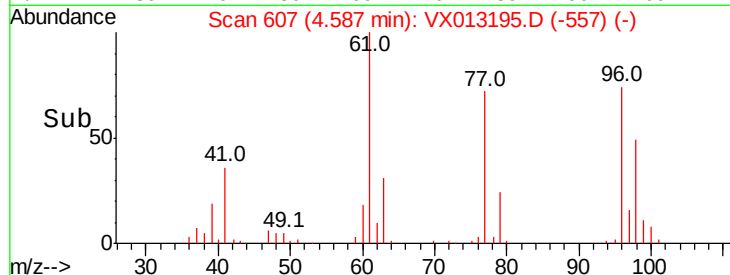
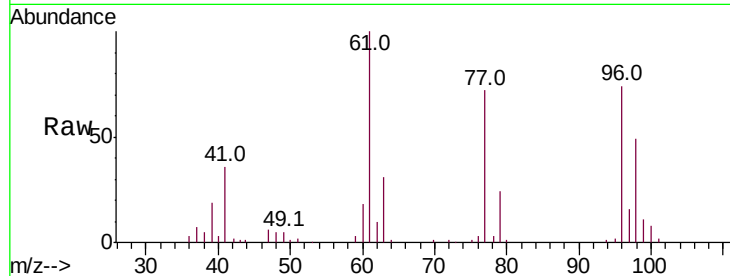
cis-1,2-Dichloroethene
Concen: 20.246 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	290.4
98	67.1	0.0	130.4

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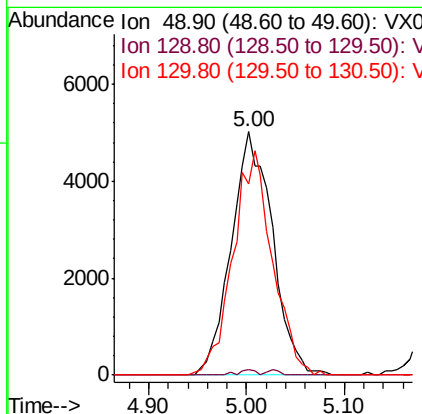
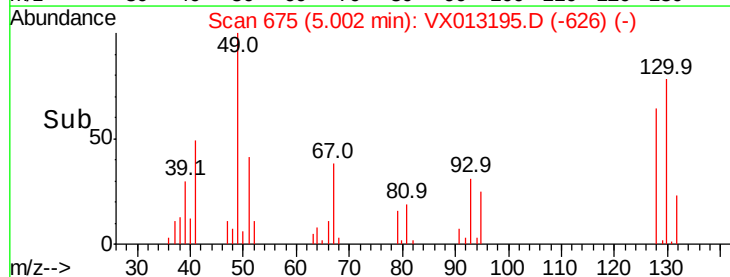
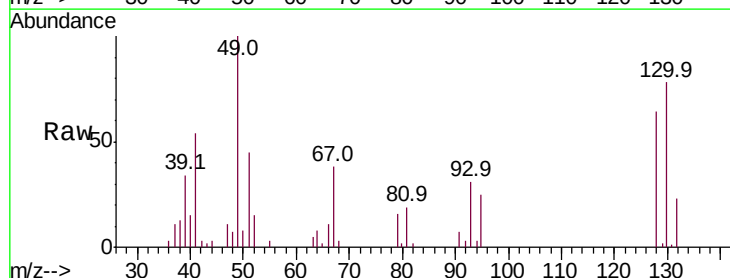
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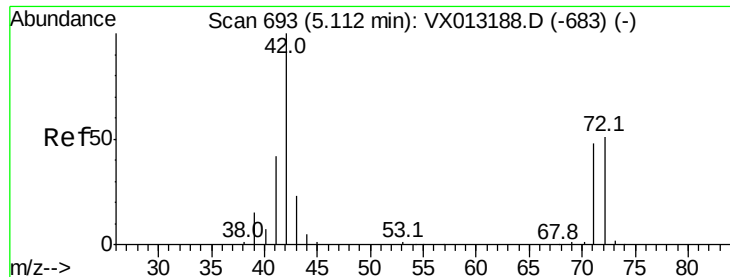


#28

Bromochloromethane
Concen: 20.530 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.8
130	88.3	71.8	107.8





#29

Tetrahydrofuran

Concen: 104.088 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

Tot Ion: 42 Resp: 71065

Ion Ratio Lower Upper

42 100

72 49.0 40.9 61.3

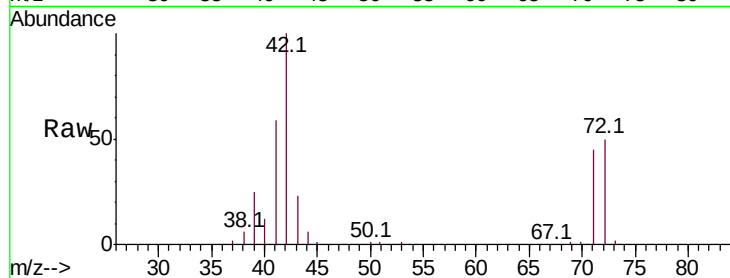
71 46.9 38.6 57.8

Manual Integrations

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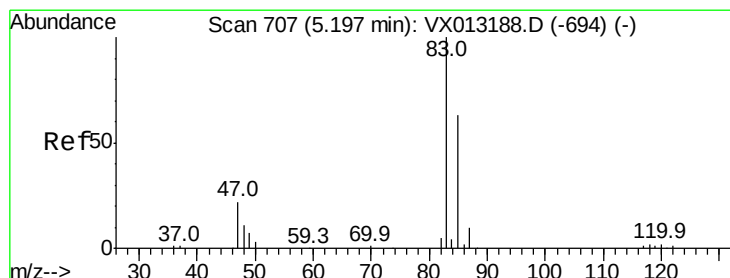
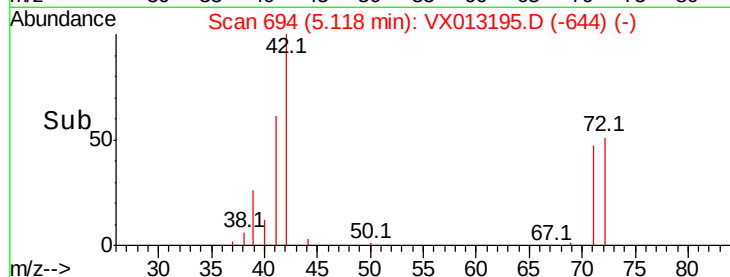
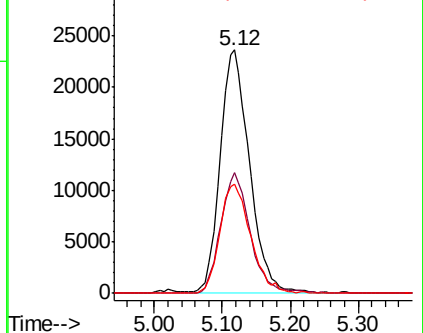
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Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.358 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013195.D

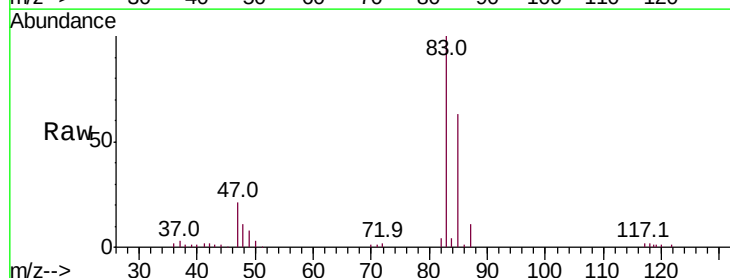
Acq: 23 Oct 2019 18:32

Tgt Ion: 83 Resp: 59924

Ion Ratio Lower Upper

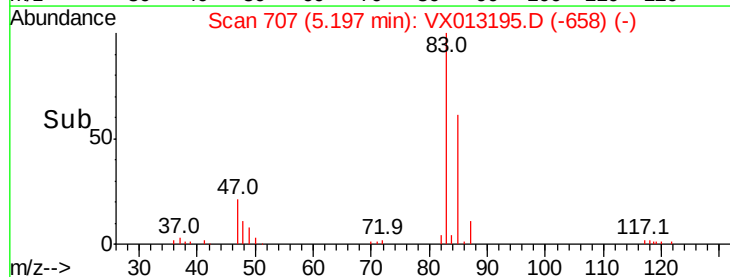
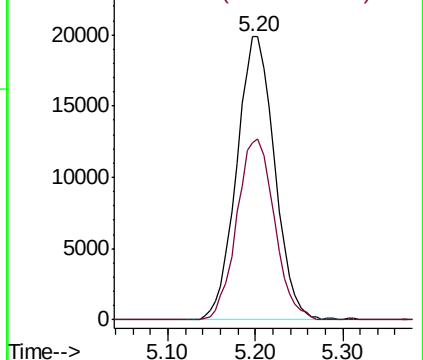
83 100

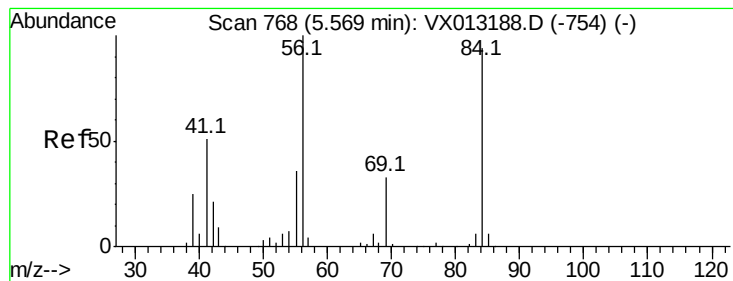
85 62.8 50.1 75.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.600 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

Tot Ion: 56 Resp: 47761

Ion Ratio Lower Upper

56 100

69 30.9 26.3 39.5

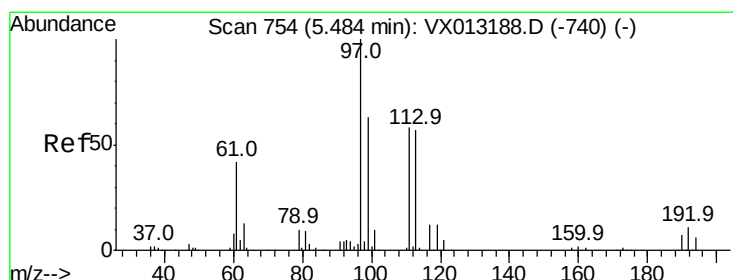
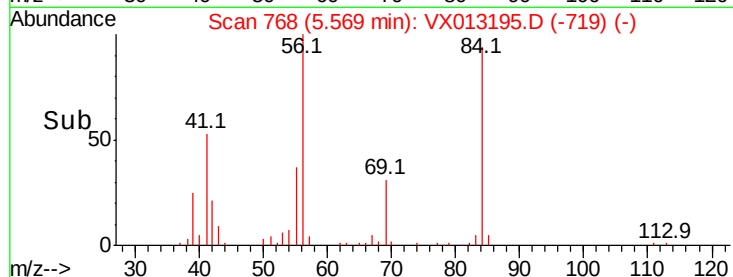
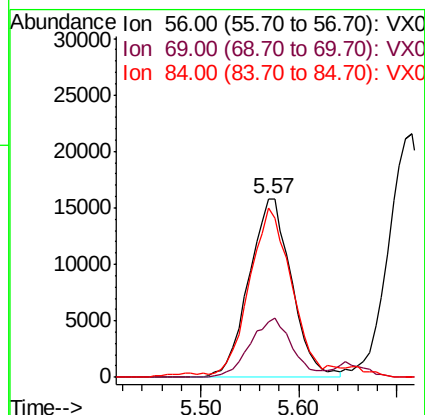
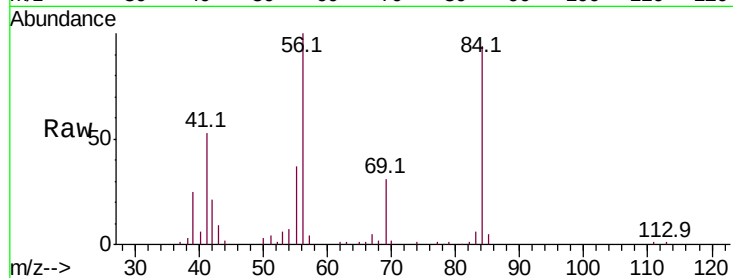
84 92.2 73.8 110.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 20.297 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

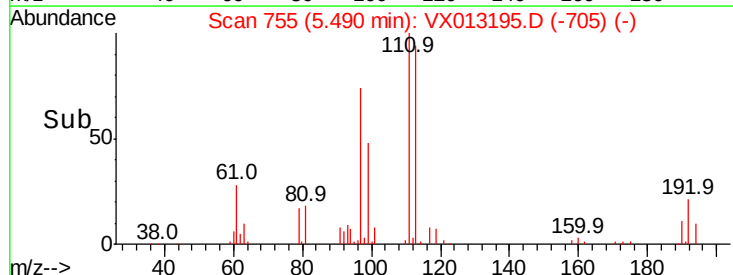
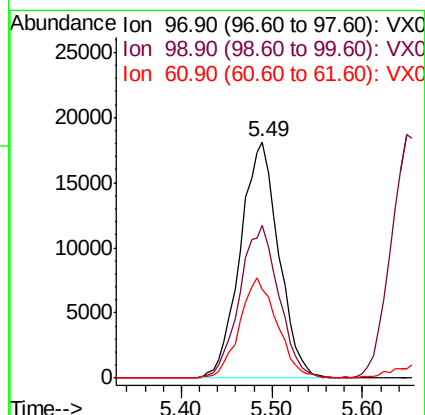
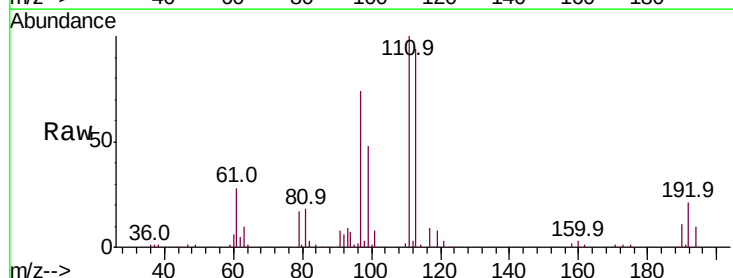
Tgt Ion: 97 Resp: 53120

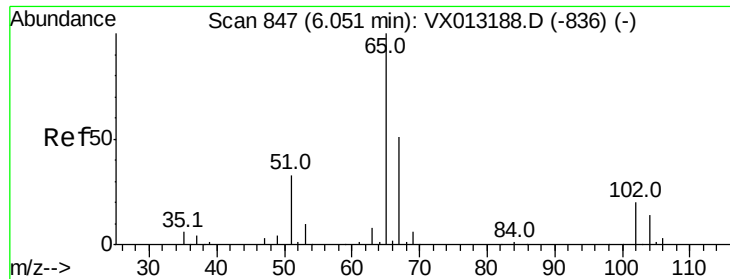
Ion Ratio Lower Upper

97 100

99 66.0 50.8 76.2

61 41.6 32.8 49.2





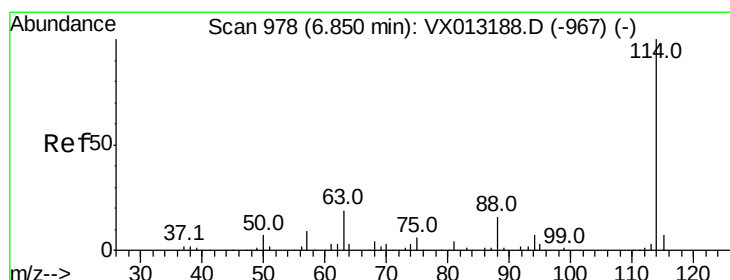
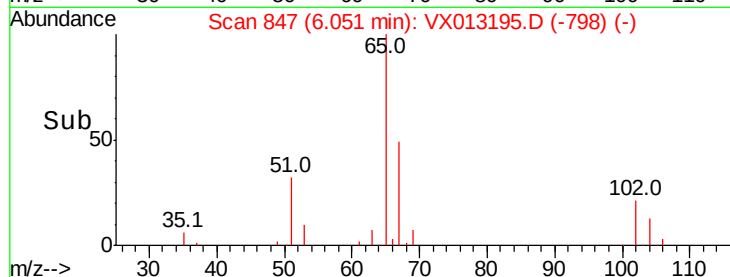
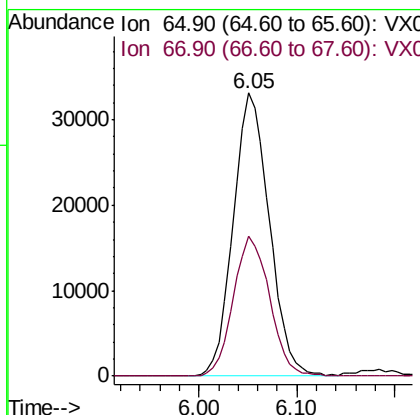
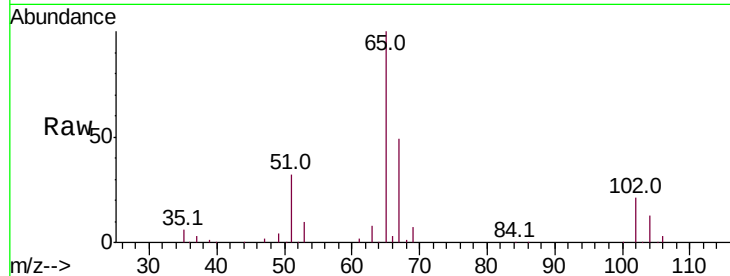
#33
 1,2-Dichloroethane-d4
 Concen: 47.353 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	102.6

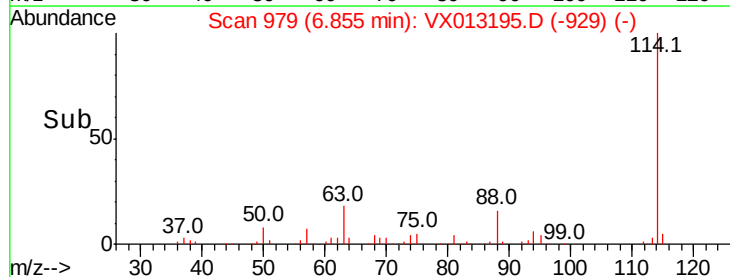
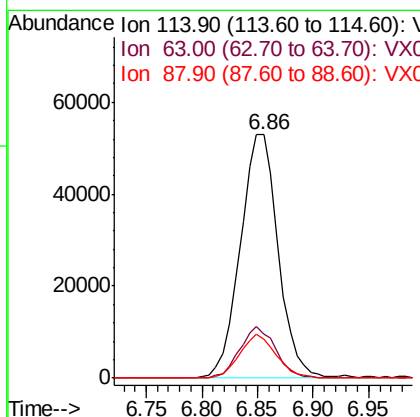
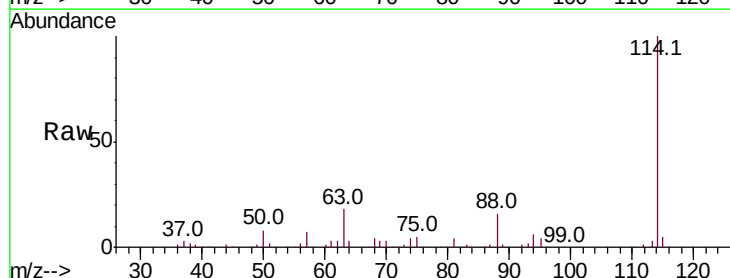
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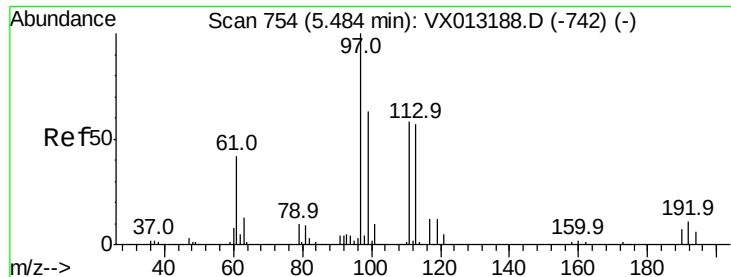
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	39.0
88	15.8	0.0	32.0





#35

Dibromofluoromethane

Concen: 47.986 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

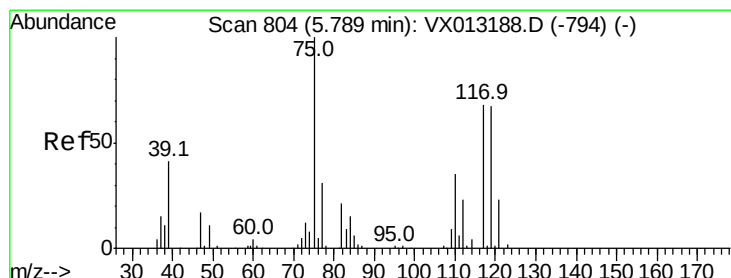
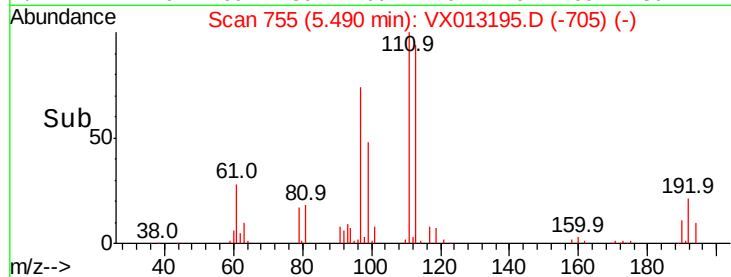
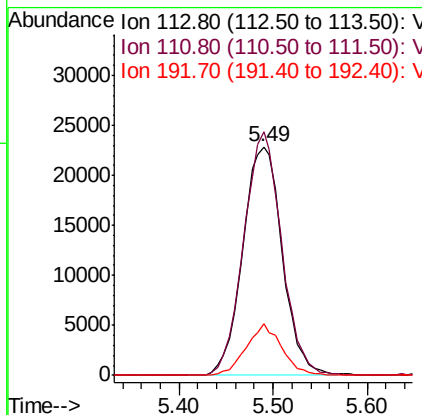
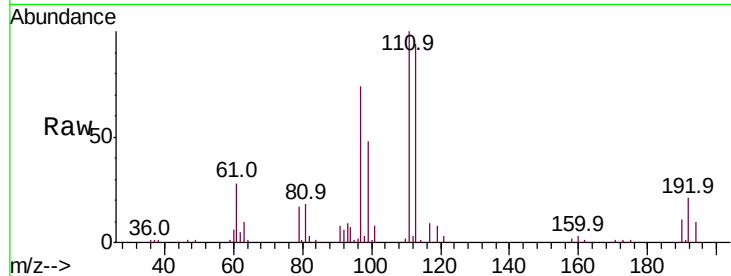
ClientSampleId :

VX1024WBSD02

Tot Ion:	113	Resp:	66991
Ion Ratio	Lower	Upper	
113	100		
111	102.3	80.3	120.5
192	20.2	15.9	23.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.656 ug/l

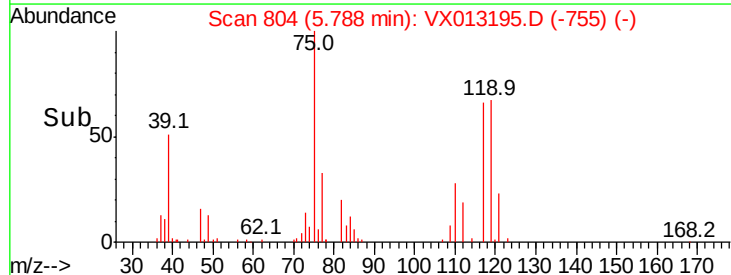
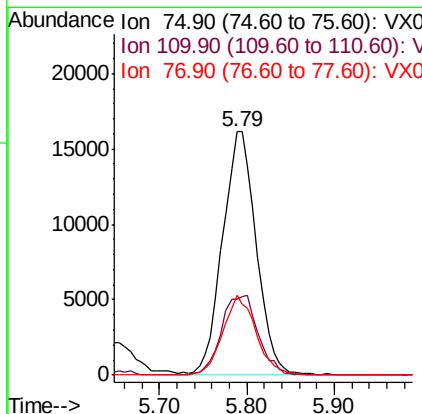
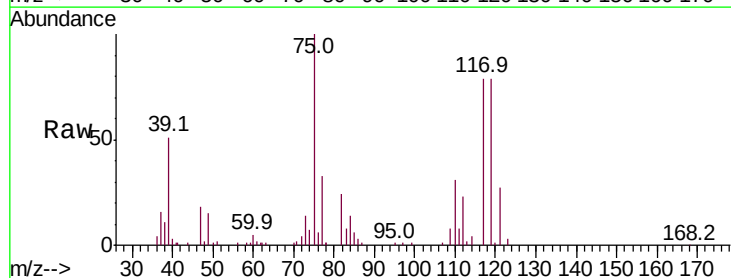
RT: 5.79 min Scan# 804

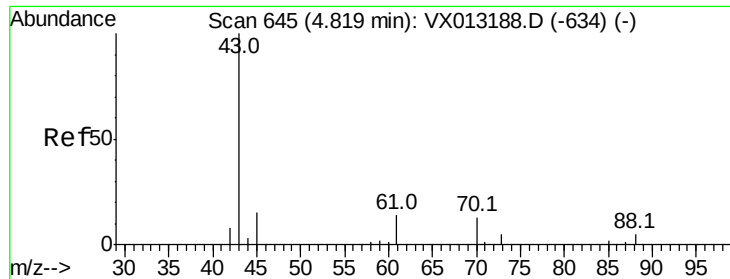
Delta R.T. 0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Tgt Ion:	75	Resp:	43381
Ion Ratio	Lower	Upper	
75	100		
110	35.5	17.6	52.9
77	31.9	24.7	37.1





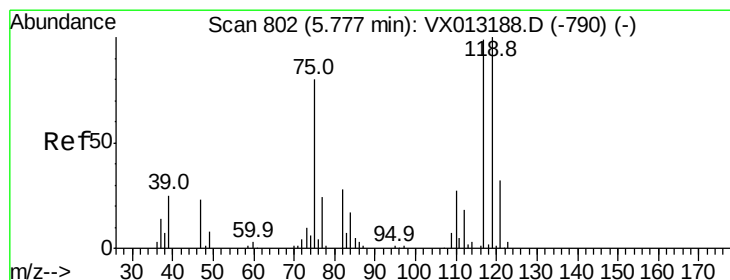
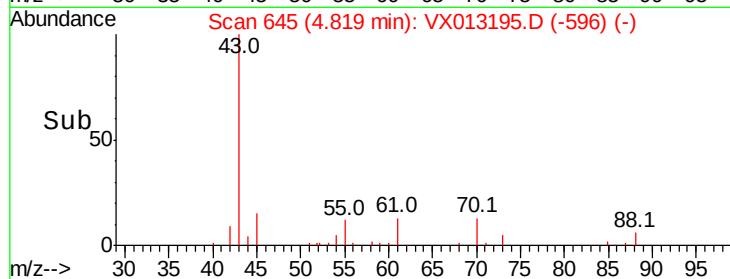
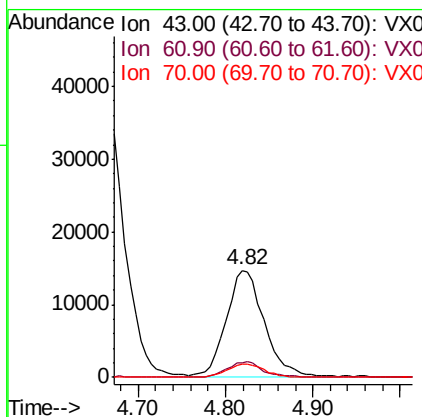
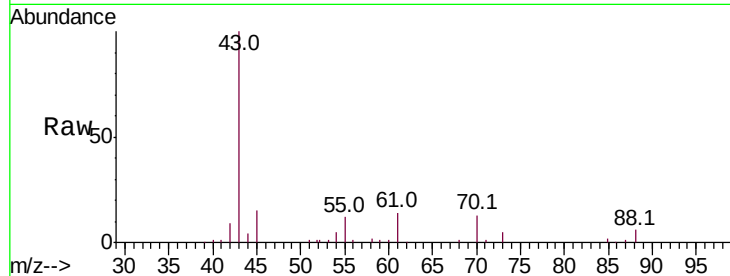
#37
Ethyl Acetate
Concen: 20.852 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion	43	61	70
Ion	43	61	70
Ratio	100	14.1	12.5
Lower		12.1	10.4
Upper		18.1	15.6

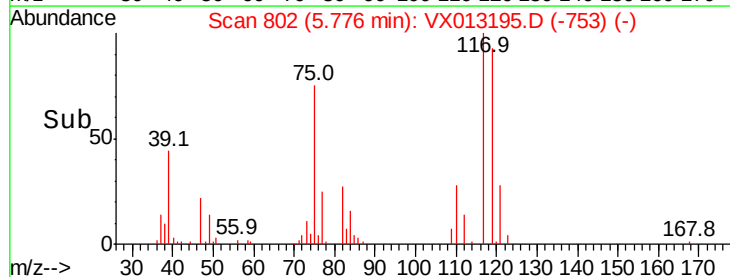
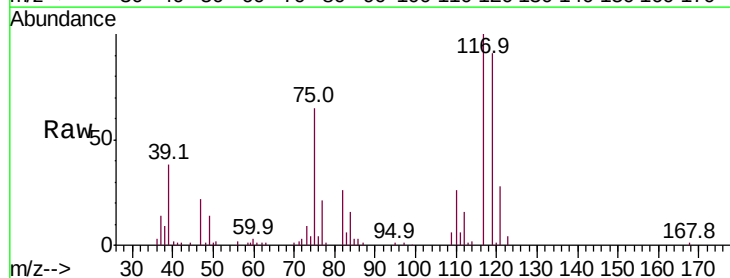
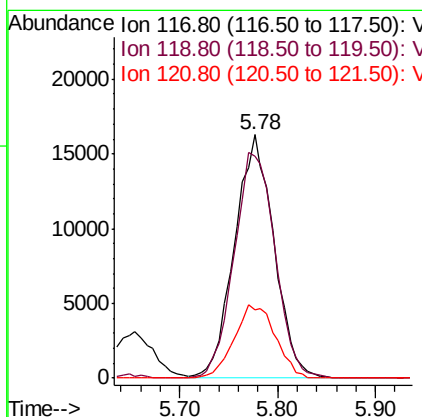
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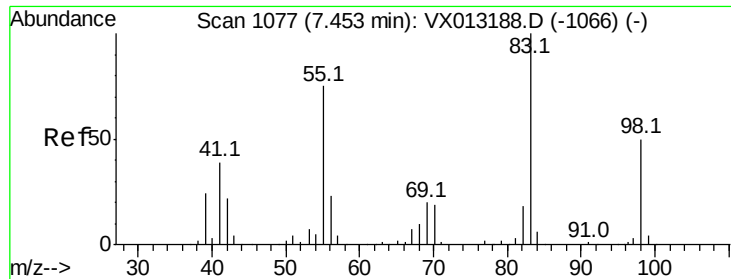
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#38
Carbon Tetrachloride
Concen: 19.650 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion	117	119	121
Ion	117	119	121
Ratio	100	91.3	28.0
Lower		80.1	25.5
Upper		120.1	38.3





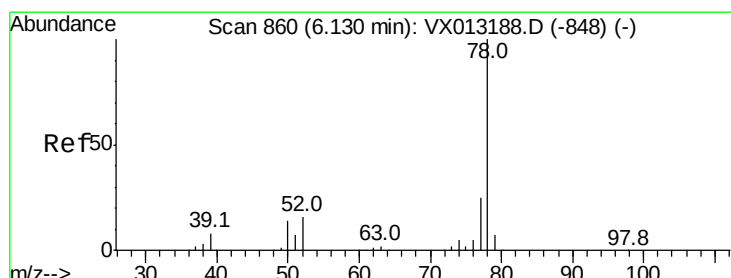
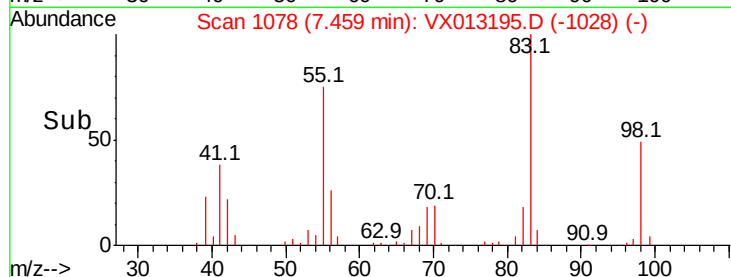
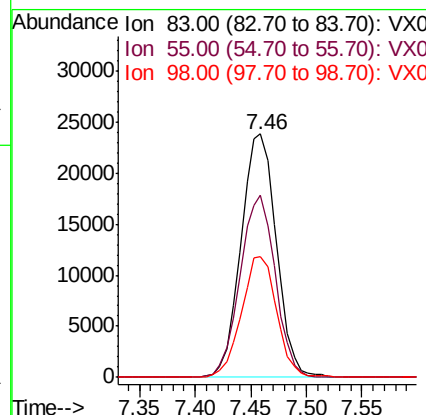
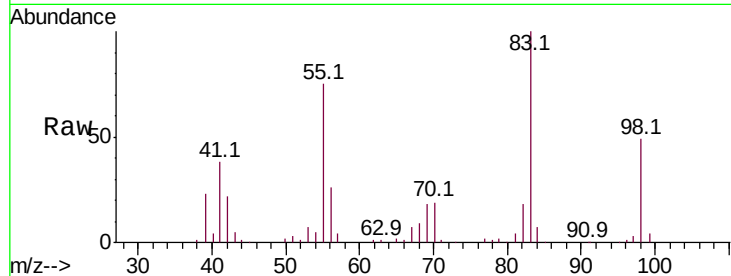
#39
Methylvlcyclohexane
Concen: 19.595 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	60.1	90.1
98	49.4	39.8	59.8

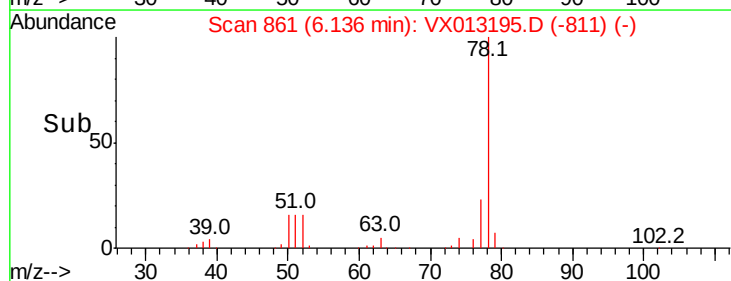
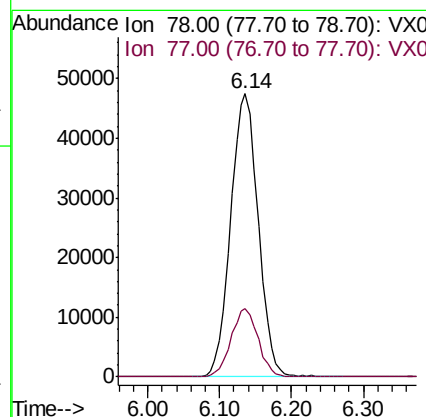
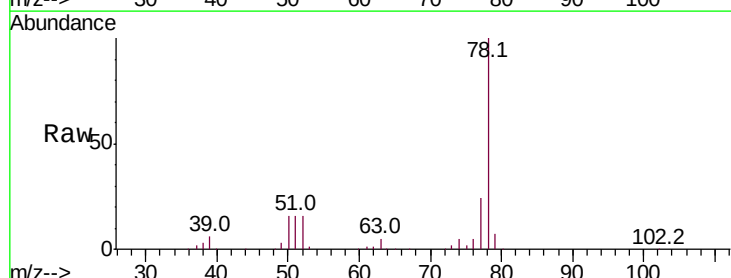
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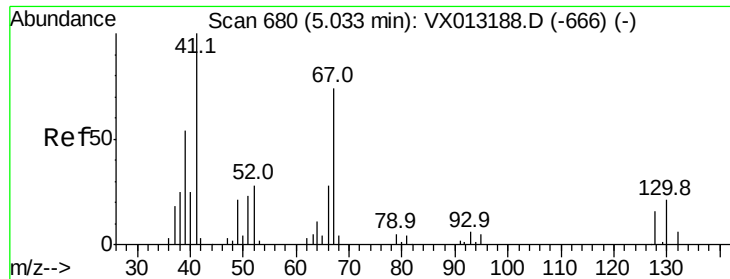
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#40
Benzene
Concen: 20.089 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.6	29.4





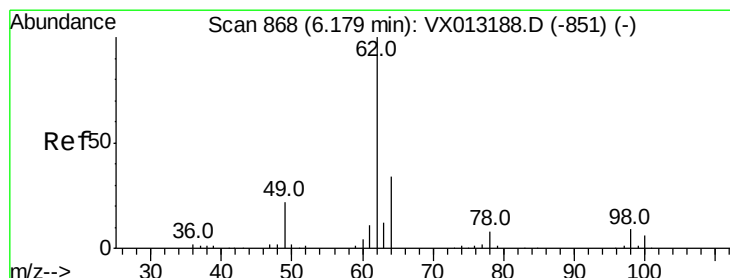
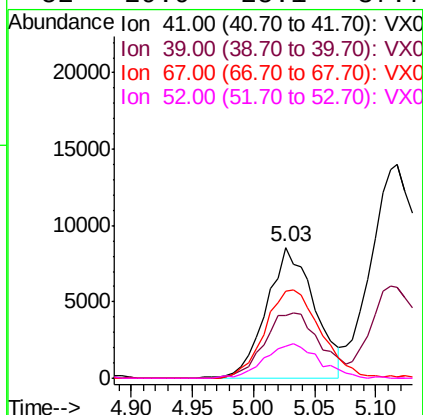
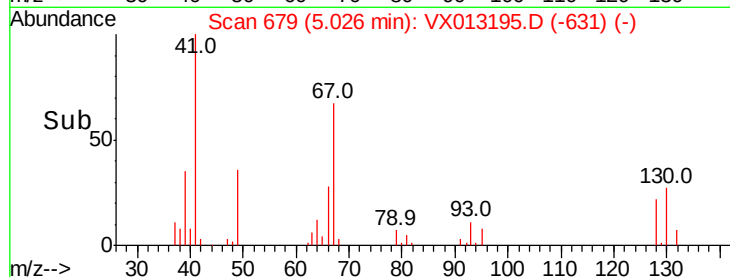
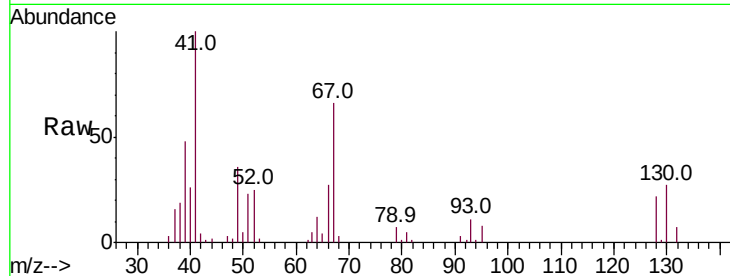
#41
Methacrylonitrile
Concen: 20.970 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.9	45.2	67.8	
67	78.1	61.3	91.9	
52	29.9	25.1	37.7	

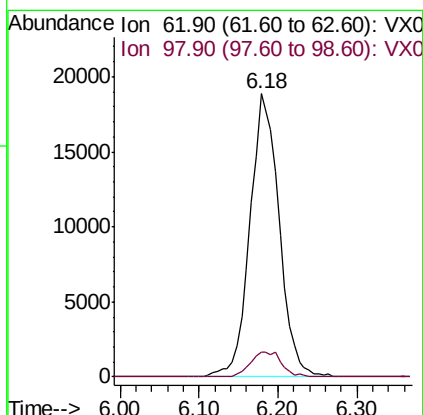
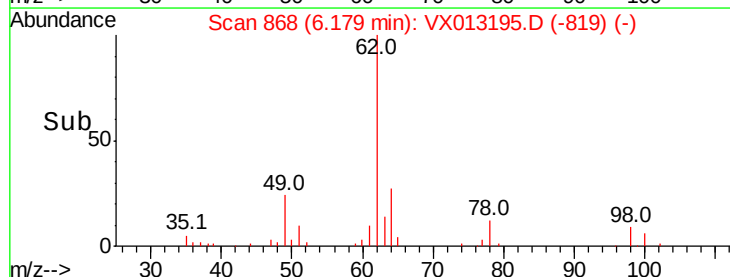
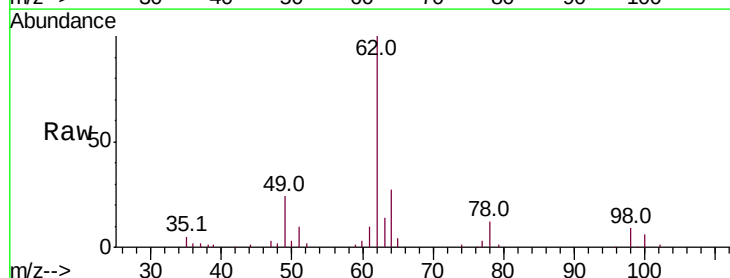
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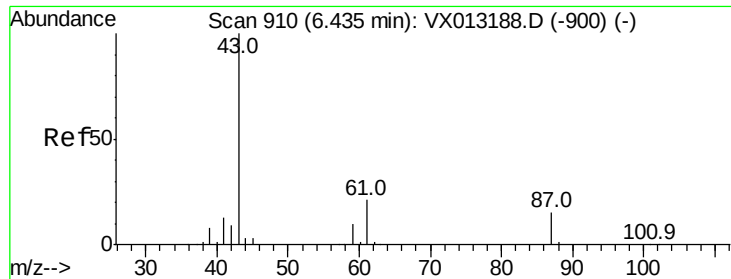
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#42
1,2-Dichloroethane
Concen: 20.533 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	18.4	





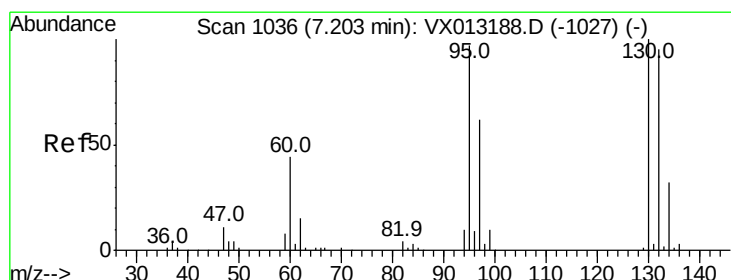
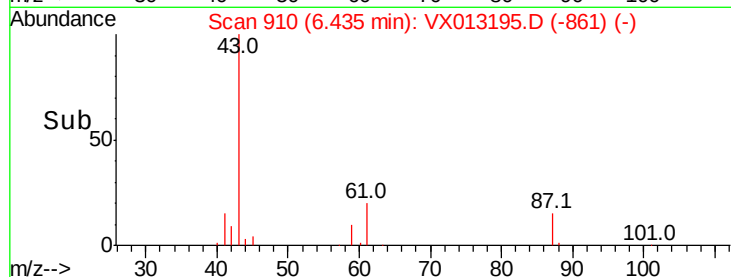
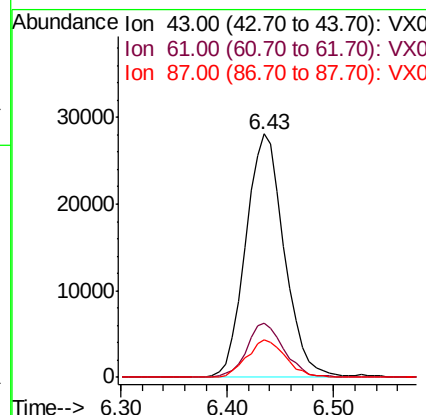
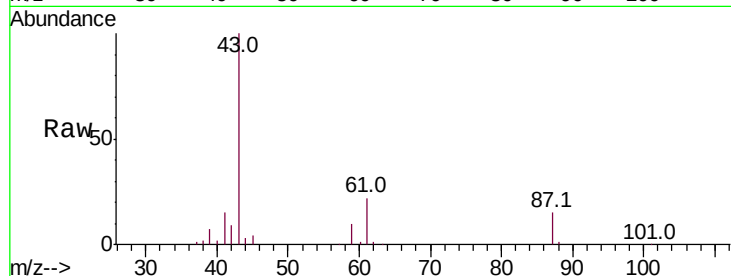
#43
Isopropyl Acetate
Concen: 20.582 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.0	25.4
87	15.5	12.1	18.1

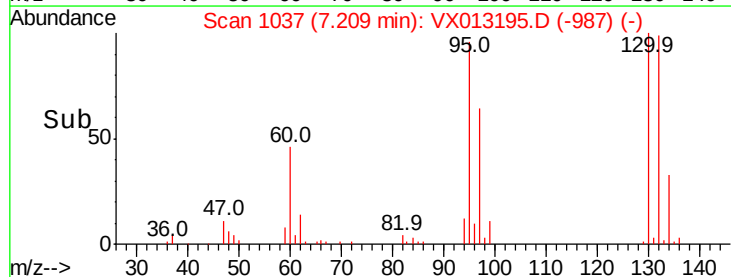
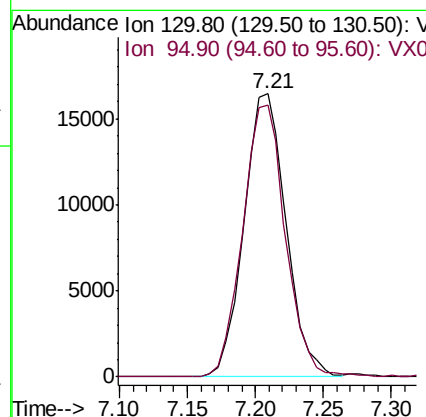
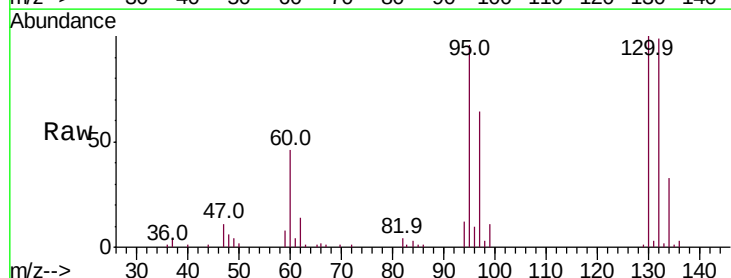
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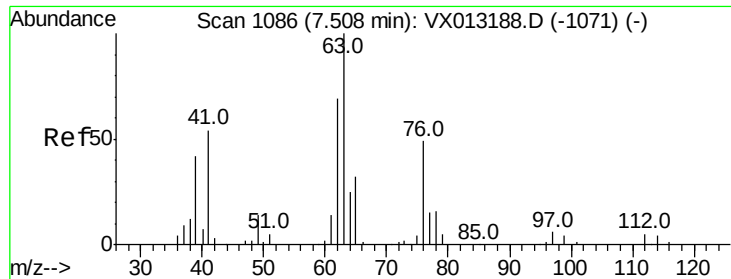
MMDadoda
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#44
Trichloroethene
Concen: 19.974 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	193.6





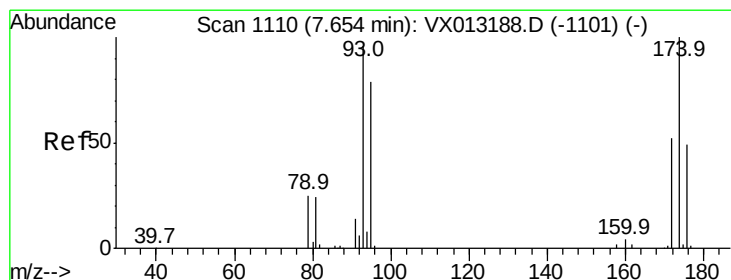
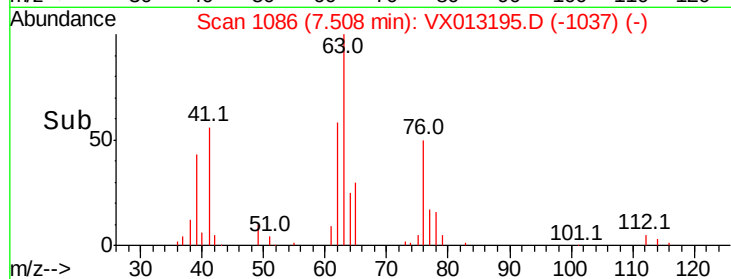
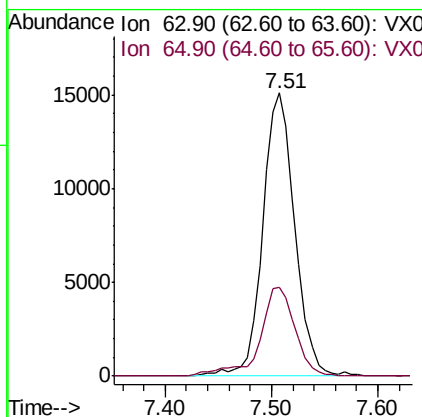
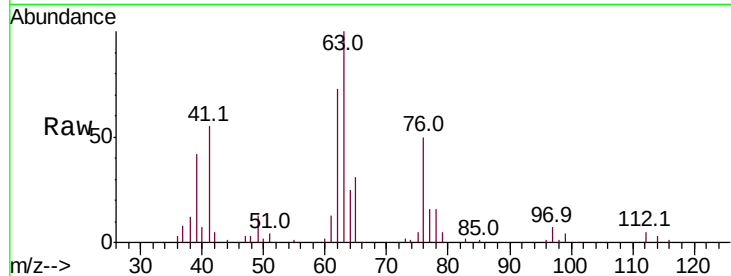
#45
 1,2-Dichloropropane
 Concen: 20.076 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

Tot Ion: 63 Resp: 31618
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.3 37.9

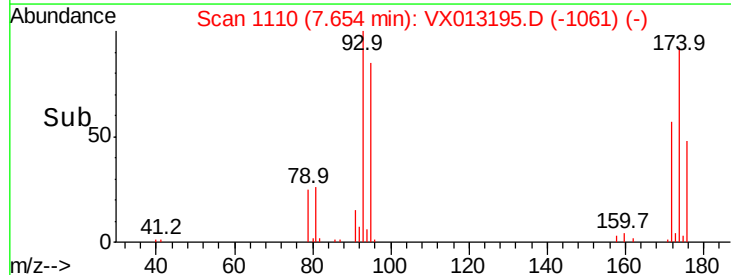
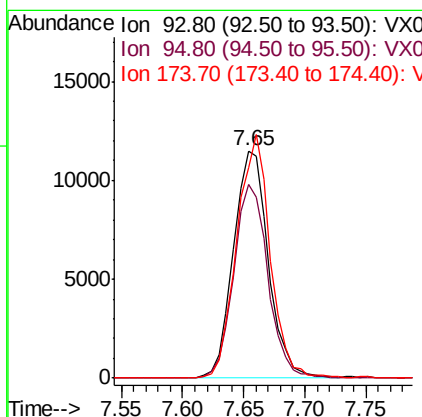
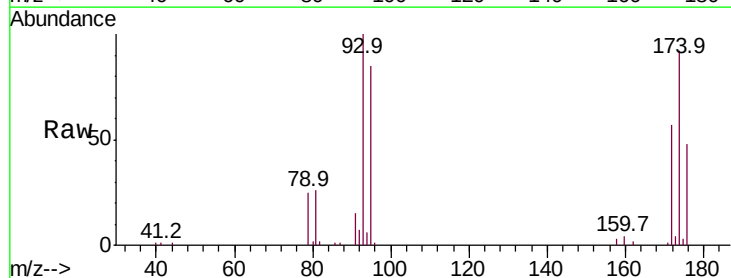
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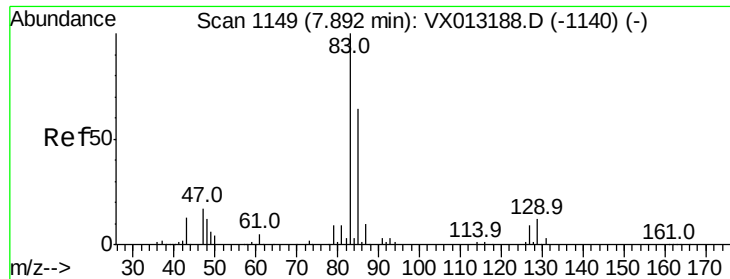
MMDadoda
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#46
 Dibromomethane
 Concen: 19.974 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Tgt Ion: 93 Resp: 22665
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.2 99.4
 174 102.4 85.2 127.8





#47

Bromodichloromethane

Concen: 20.144 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

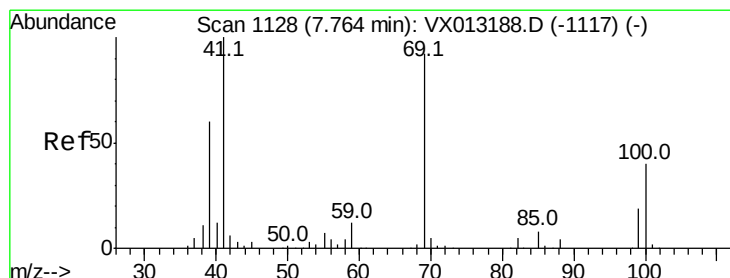
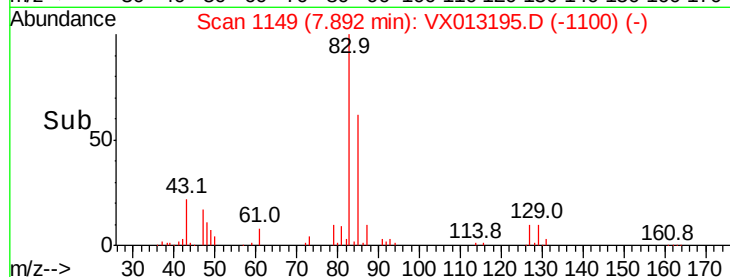
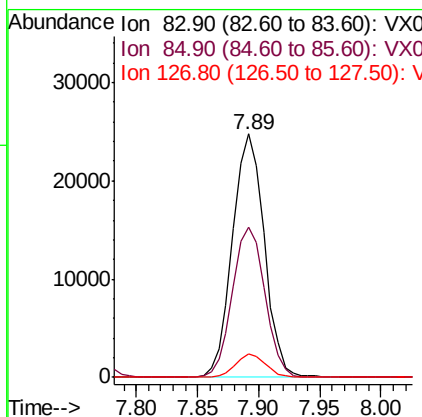
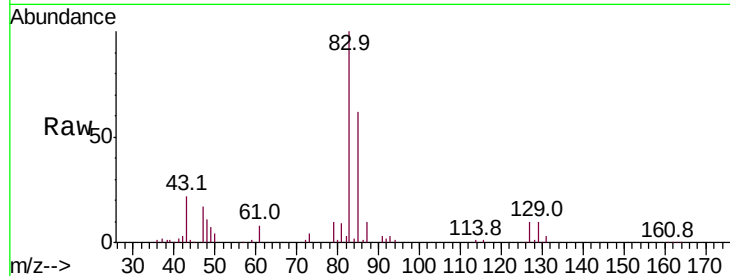
ClientSampleId :

VX1024WBSD02

Tot Ion:	83	Resp:	44544
Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.0	76.6
127	9.6	7.2	10.8

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#48

Methyl methacrylate

Concen: 20.453 ug/l

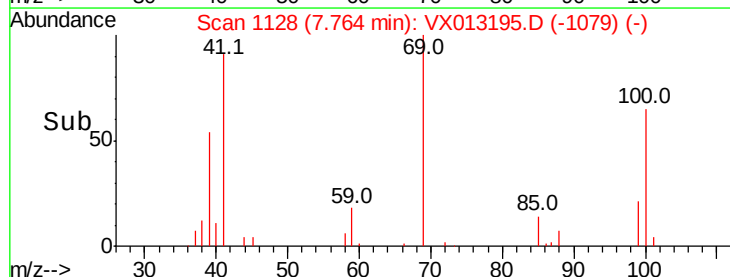
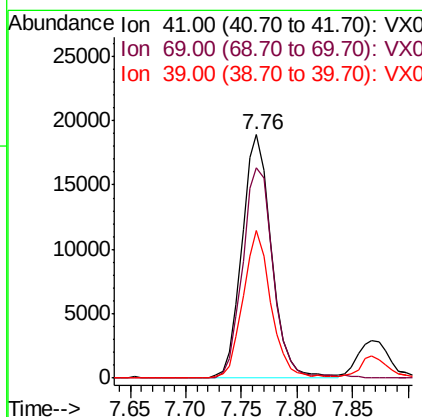
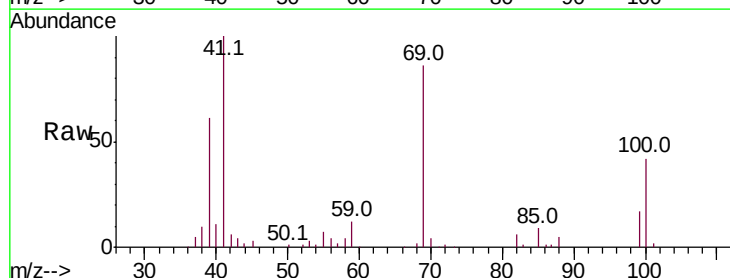
RT: 7.76 min Scan# 1128

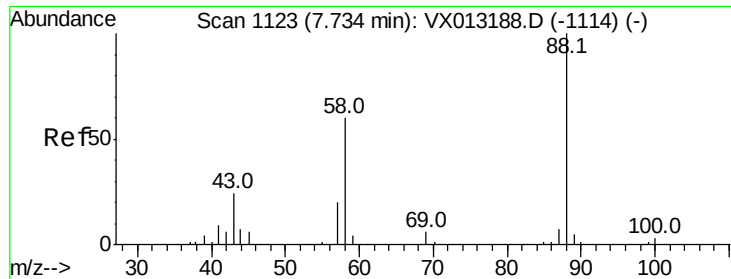
Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Tgt Ion:	41	Resp:	35015
Ion	Ratio	Lower	Upper
41	100		
69	89.6	72.0	108.0
39	57.5	47.4	71.0





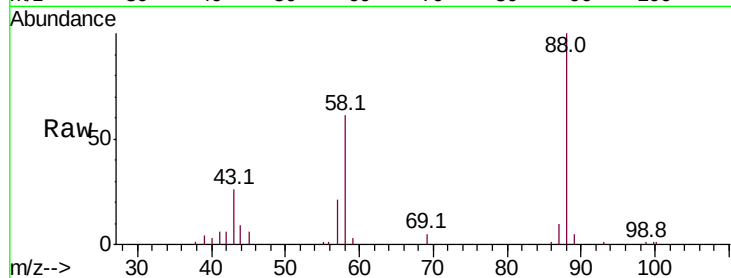
#49
1,4-Dioxane
Concen: 400.606 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

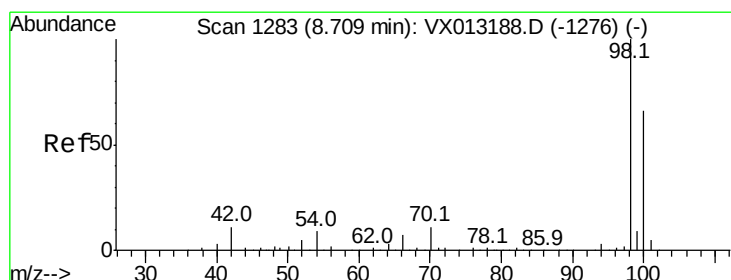
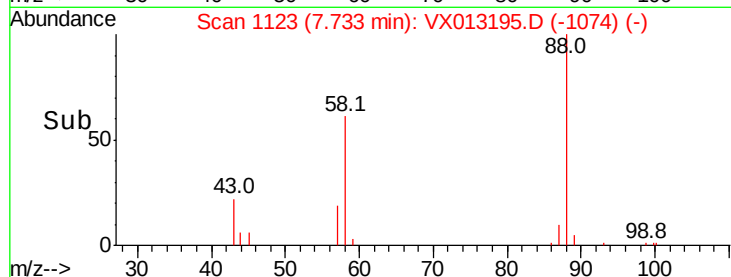
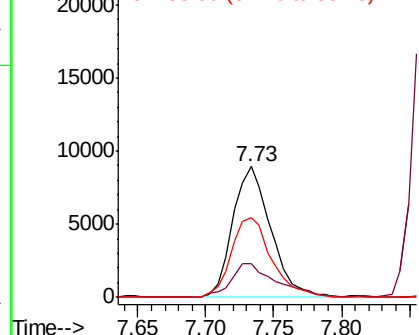
Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	24.5	36.7
58	64.7	54.1	81.1

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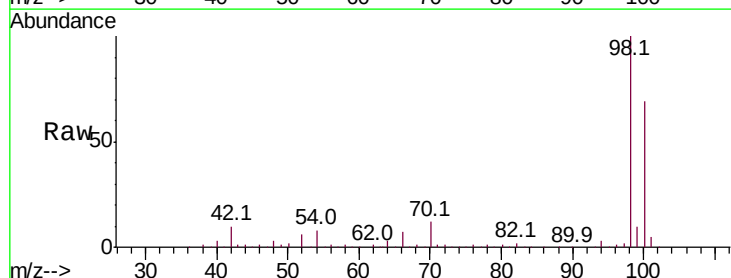


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

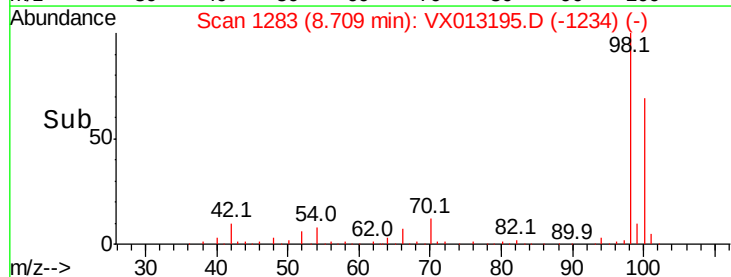
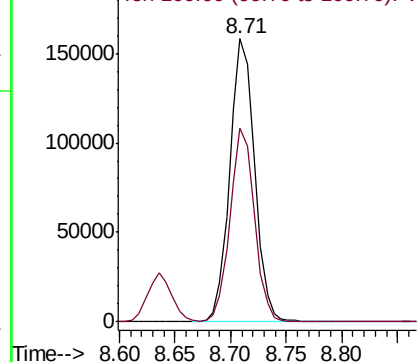


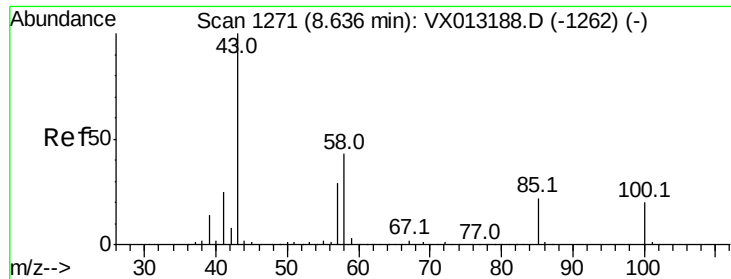
#50
Toluene-d8
Concen: 47.189 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.3	79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 103.530 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

Tot Ion: 43 Resp: 218579

Ion Ratio Lower Upper

43 100

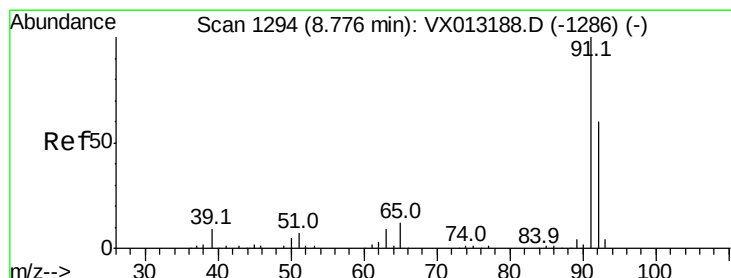
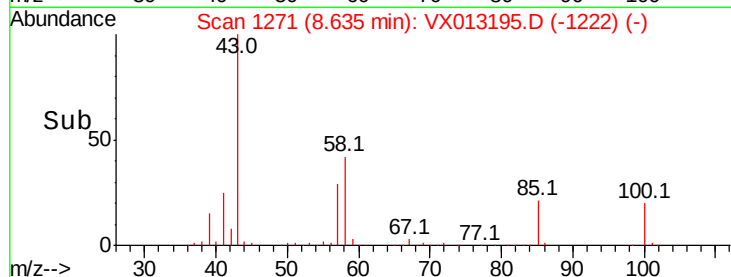
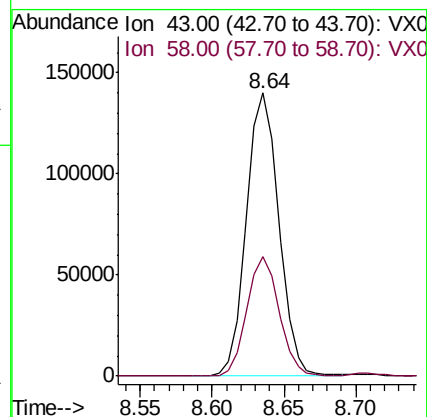
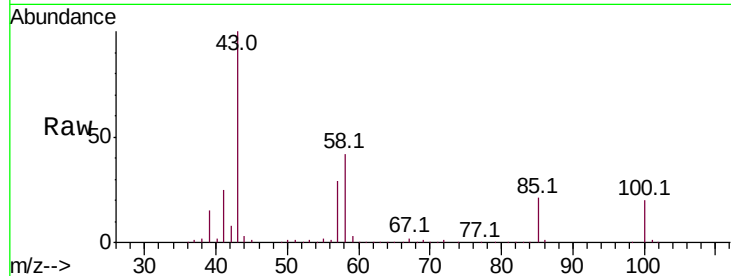
58 42.0 33.9 50.9

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#52

Toluene

Concen: 19.741 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013195.D

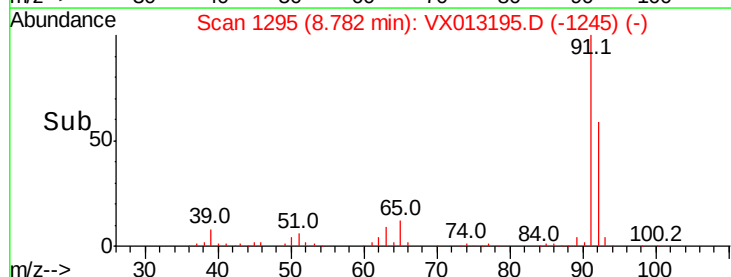
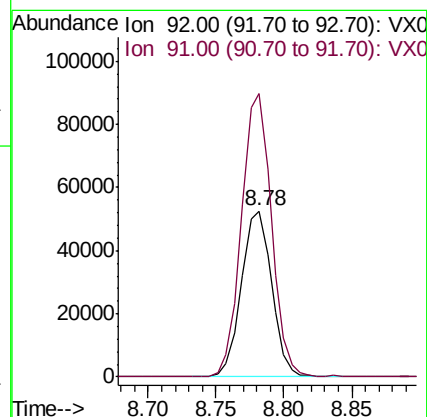
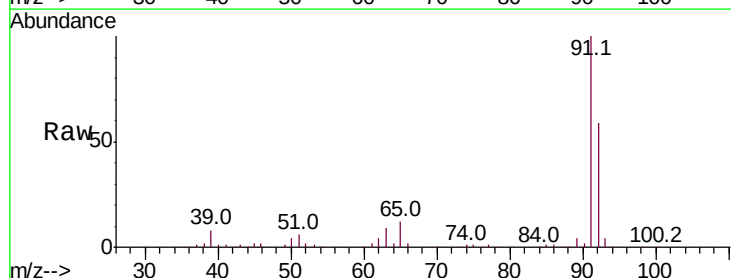
Acq: 23 Oct 2019 18:32

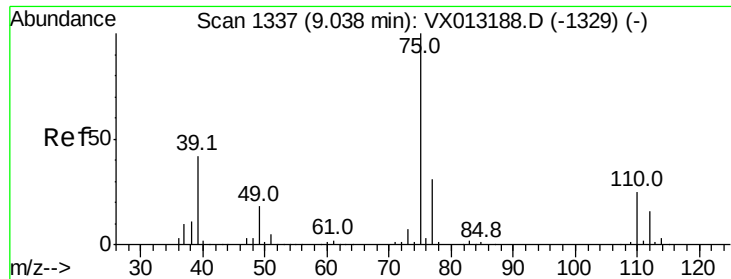
Tgt Ion: 92 Resp: 82265

Ion Ratio Lower Upper

92 100

91 169.0 133.9 200.9





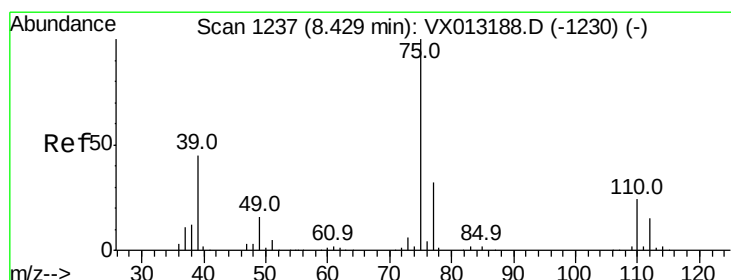
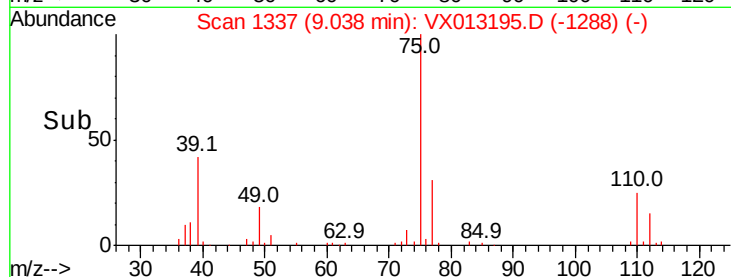
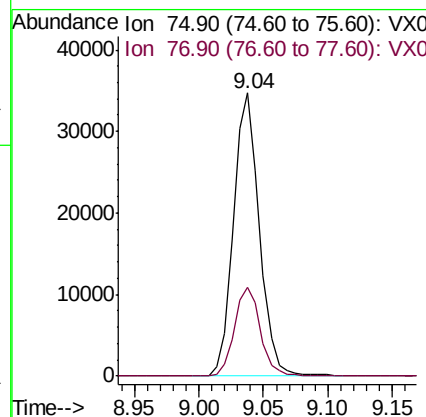
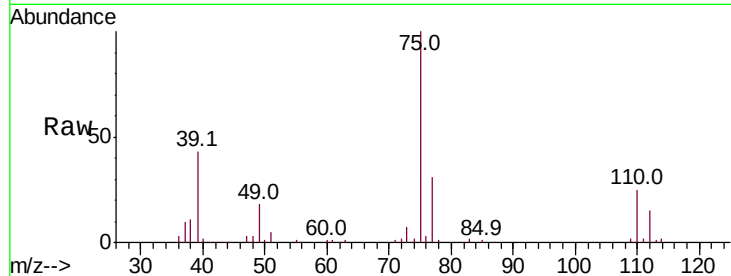
#53
 t-1,3-Dichloropropene
 Concen: 20.862 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

Tot Ion: 75 Resp: 49024
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.7 37.1

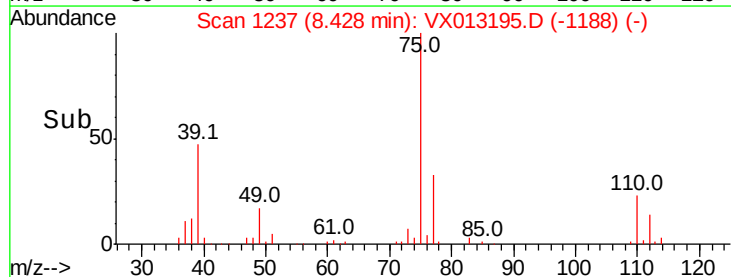
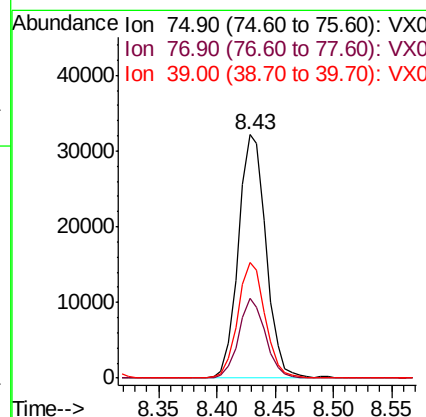
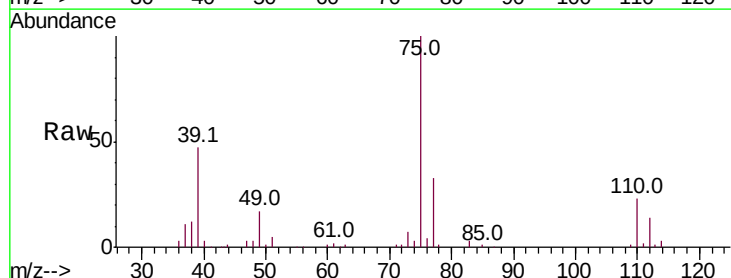
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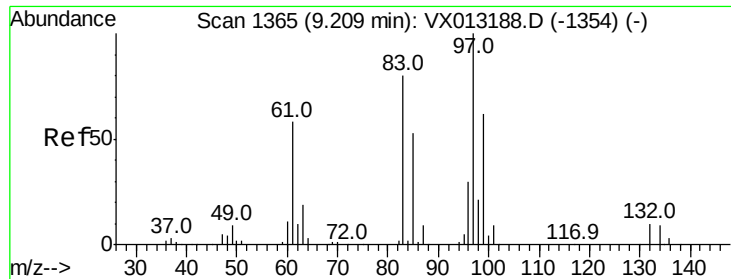
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#54
 cis-1,3-Dichloropropene
 Concen: 20.725 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Tgt Ion: 75 Resp: 53277
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.0
 39 47.3 36.2 54.4





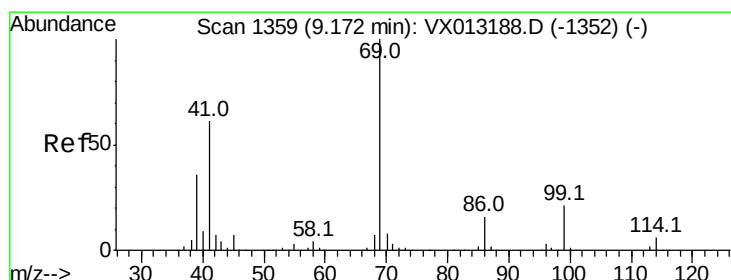
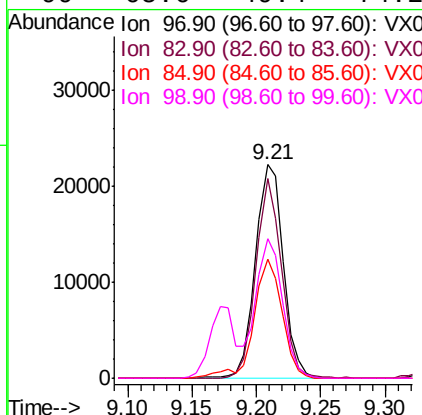
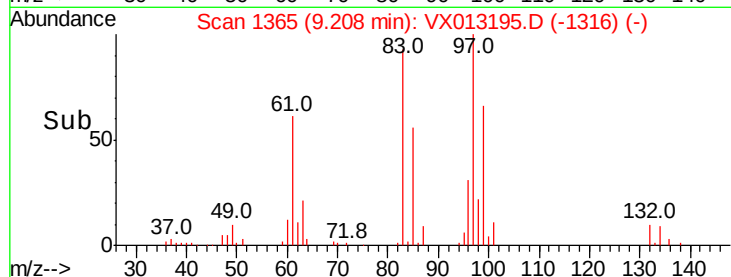
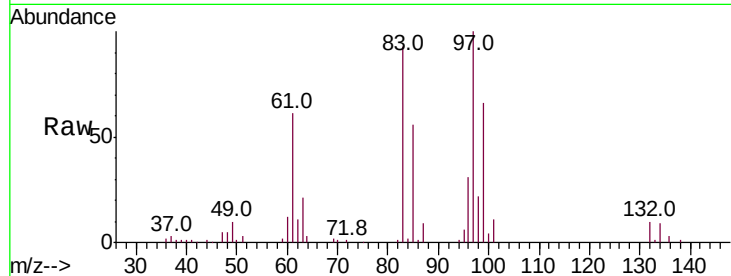
#55
1,1,2-Trichloroethane
Concen: 20.054 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion	Ratio	Lower	Upper
97	100		
83	93.5	64.1	96.1
85	55.7	42.1	63.1
99	65.6	49.4	74.2

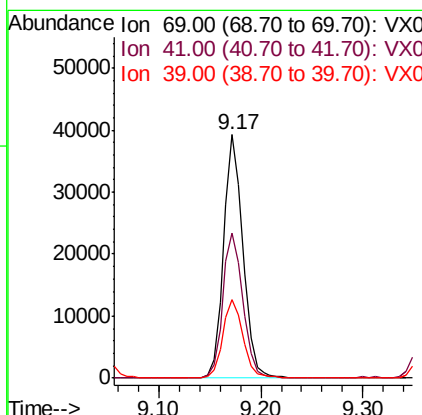
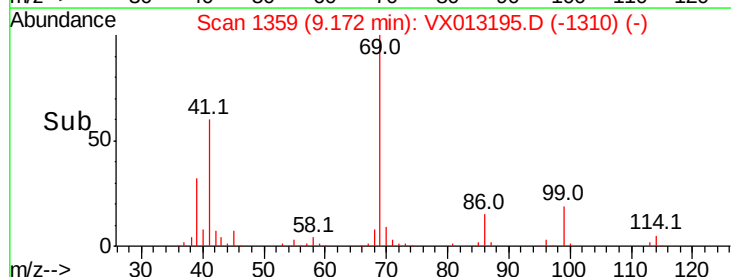
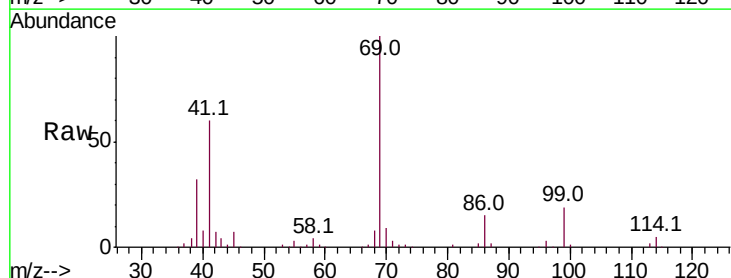
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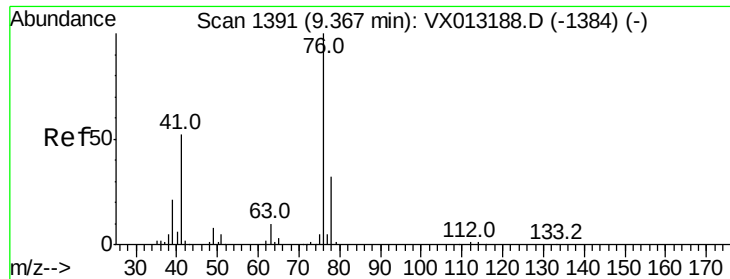
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#56
Ethyl methacrylate
Concen: 21.014 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.8	49.5	74.3
39	34.2	28.3	42.5





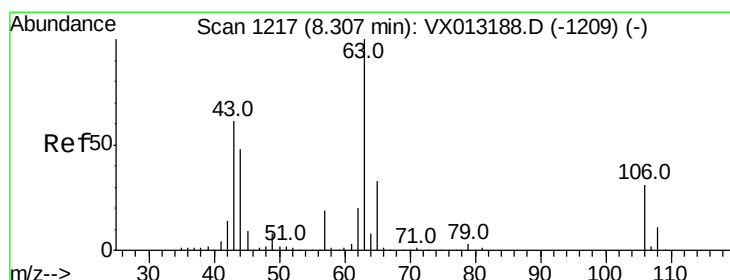
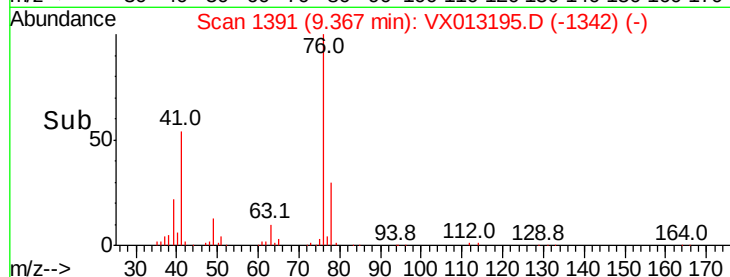
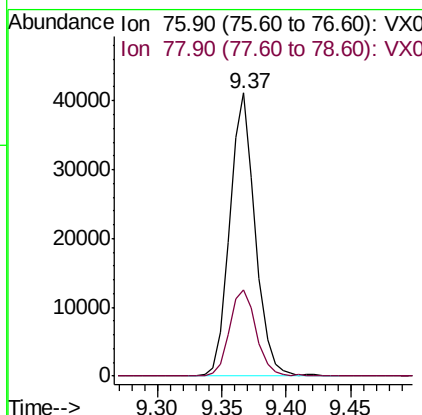
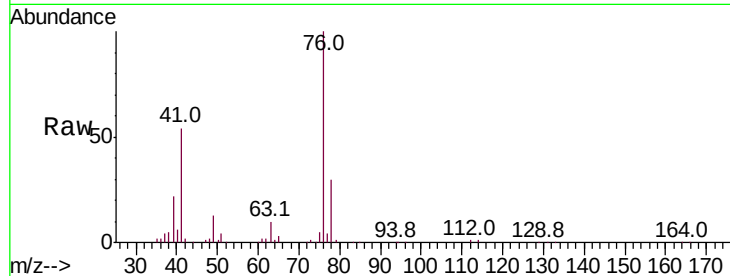
#57
 1,3-Dichloropropane
 Concen: 20.342 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

Tot Ion: 76 Resp: 56550
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1

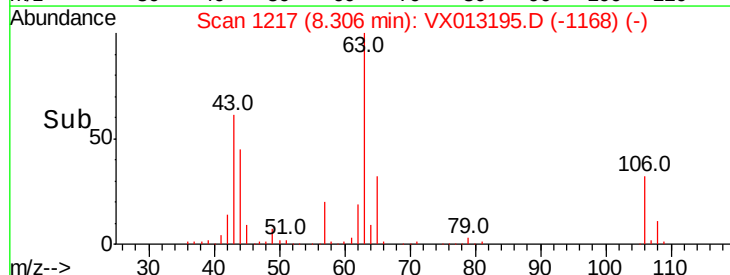
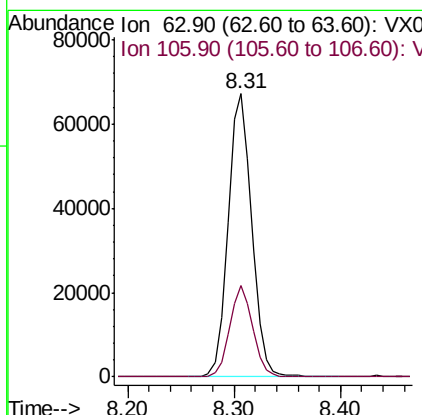
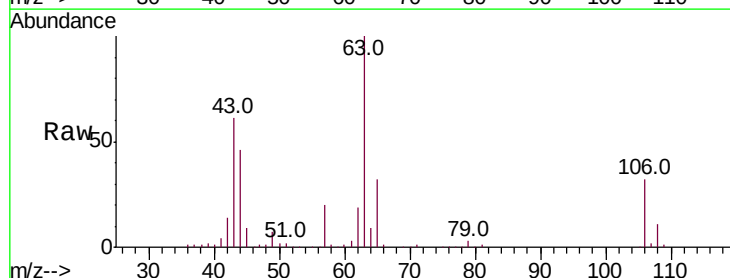
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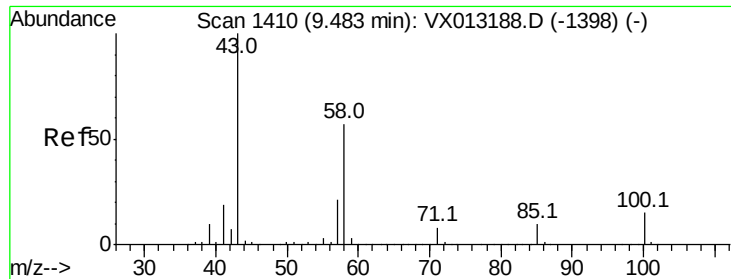
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#58
 2-Chloroethyl Vinyl ether
 Concen: 108.112 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Tgt Ion: 63 Resp: 104607
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.4 38.0





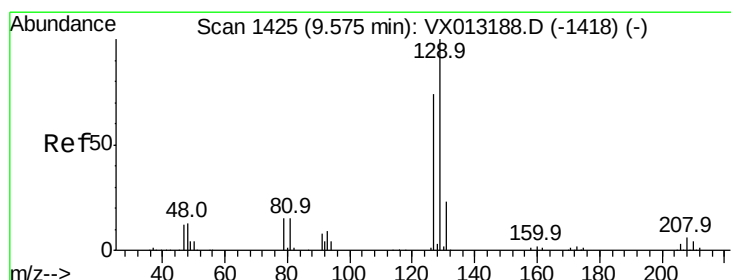
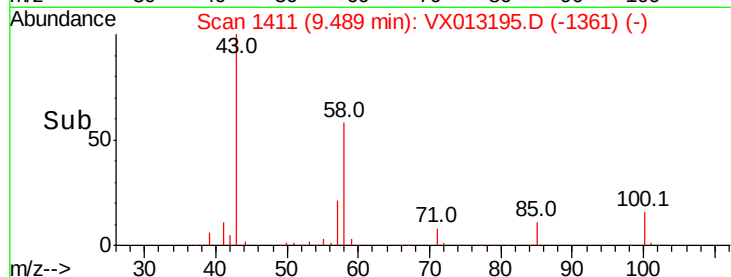
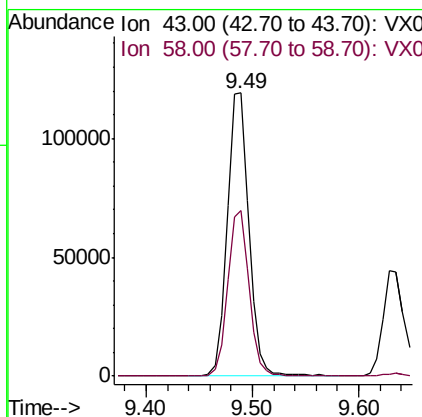
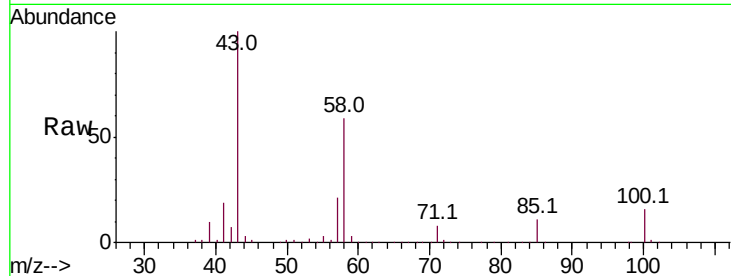
#59
2-Hexanone
Concen: 104.820 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion: 43 Resp: 170468
Ion Ratio Lower Upper
43 100
58 57.9 28.2 84.7

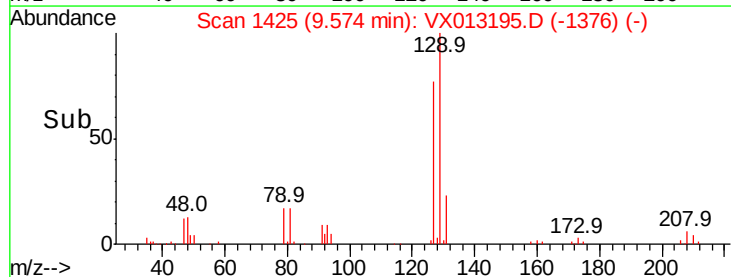
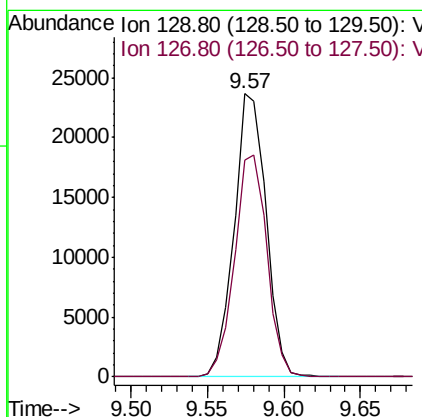
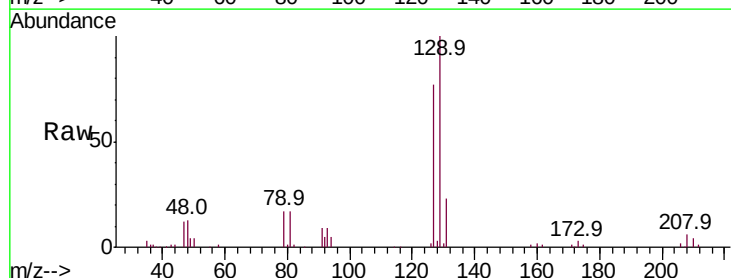
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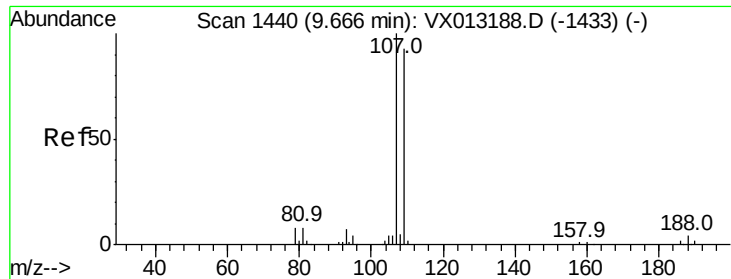
MMDadoda
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#60
Dibromochloromethane
Concen: 19.914 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion: 129 Resp: 34380
Ion Ratio Lower Upper
129 100
127 79.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.299 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

Tot Ion:107 Resp: 35505

Ion Ratio Lower Upper

107 100

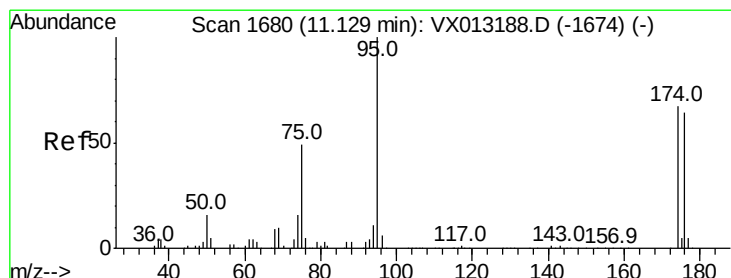
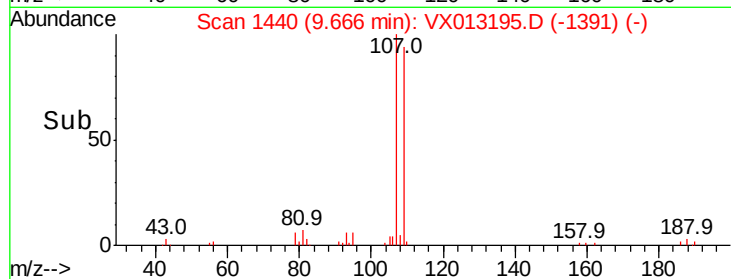
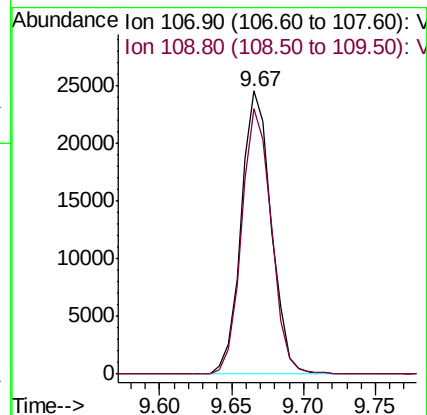
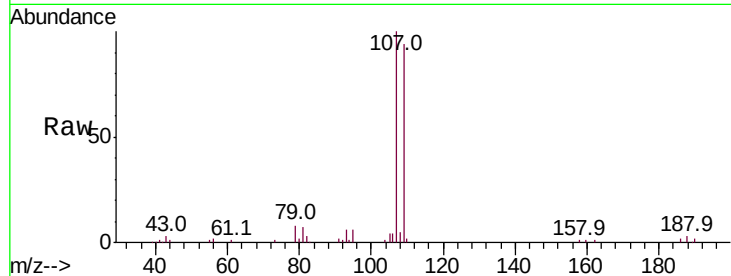
109 92.9 75.7 113.5

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 46.738 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

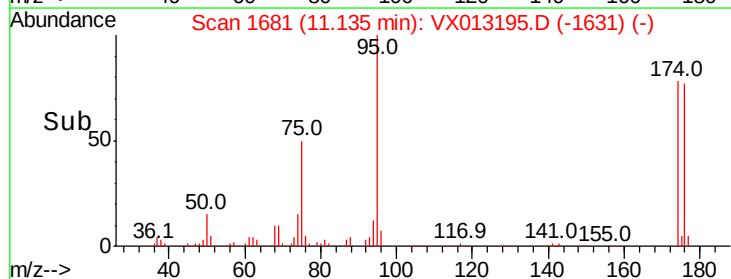
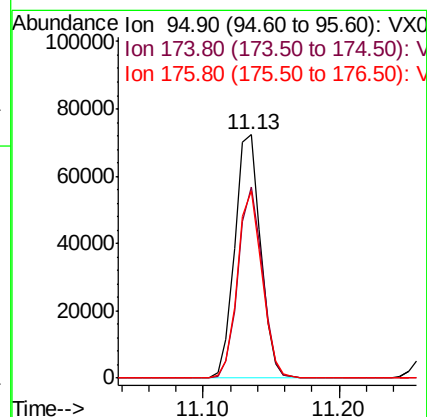
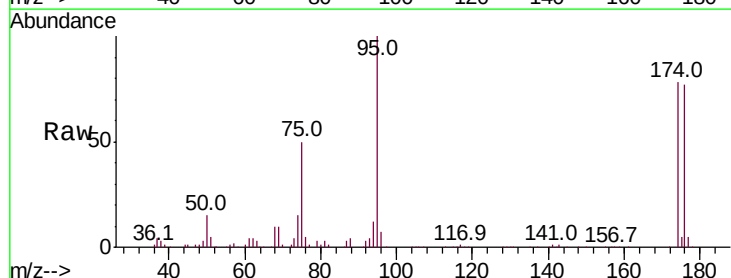
Tgt Ion: 95 Resp: 95706

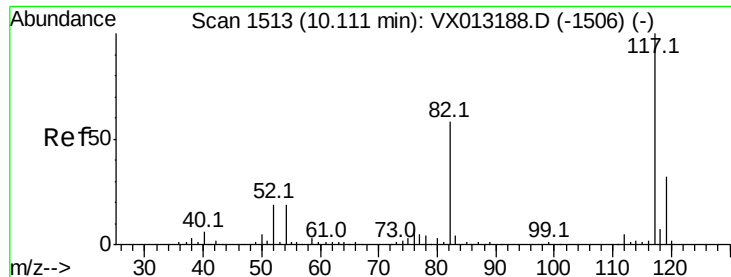
Ion Ratio Lower Upper

95 100

174 74.2 0.0 152.4

176 73.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

Tot Ion:117 Resp: 127184

Ion Ratio Lower Upper

117 100

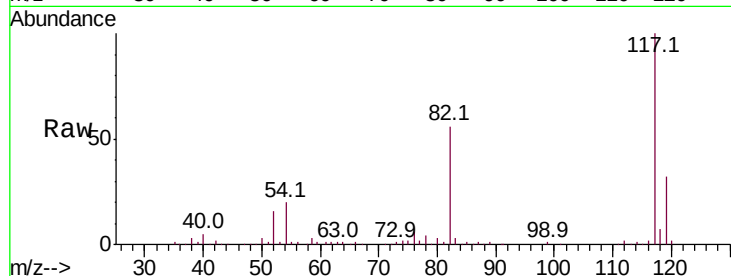
82 56.0 46.5 69.7

119 32.3 25.2 37.8

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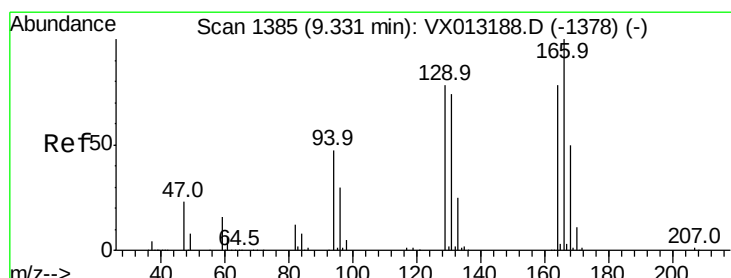
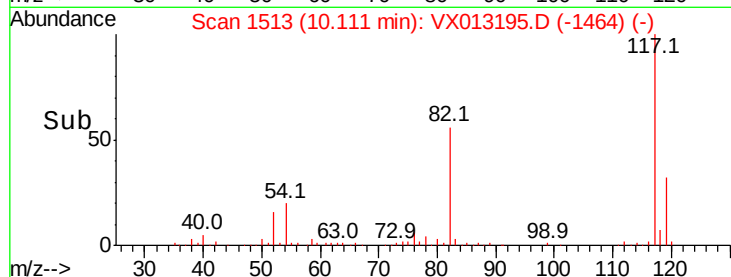
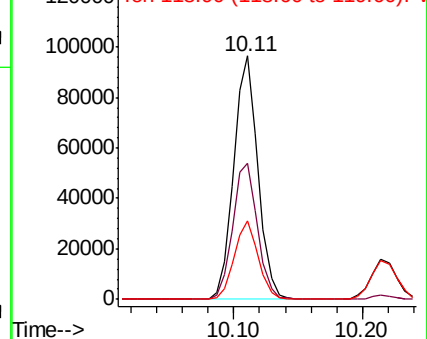


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.119 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Tgt Ion:164 Resp: 34888

Ion Ratio Lower Upper

164 100

166 123.3 102.2 153.4

129 97.7 79.8 119.8

131 97.7 75.3 112.9

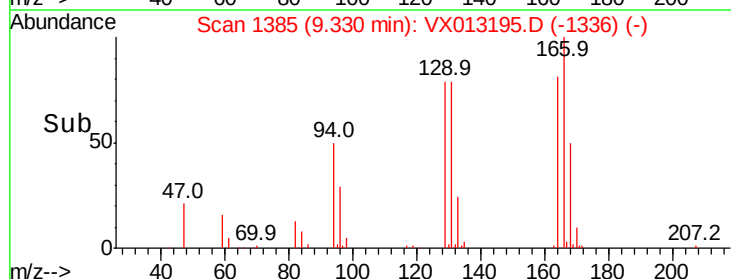
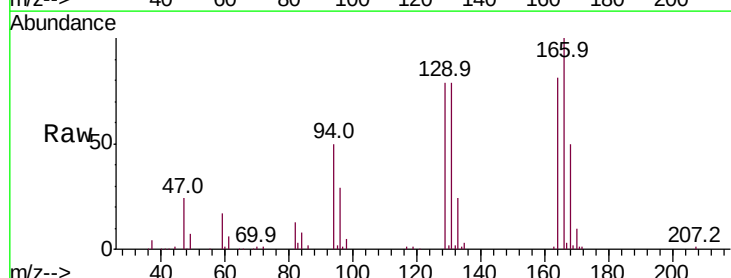
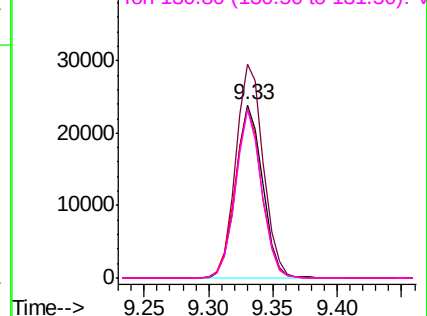
Abundance

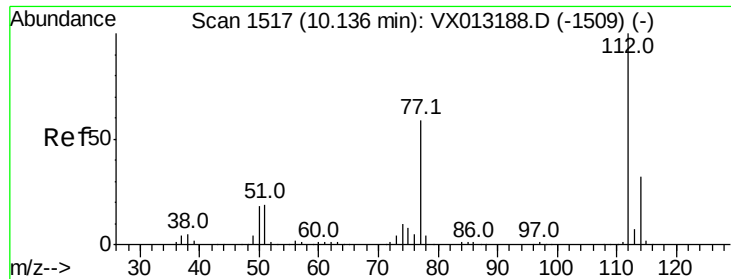
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





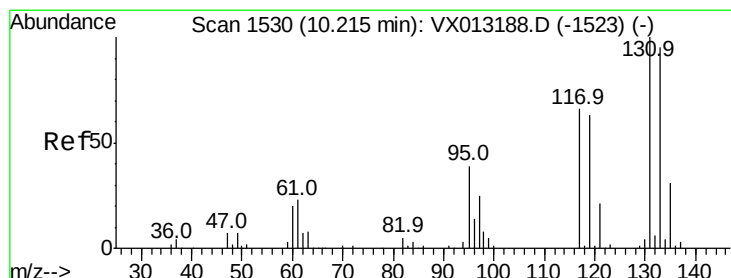
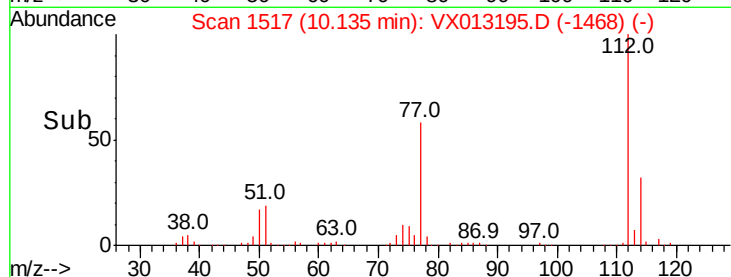
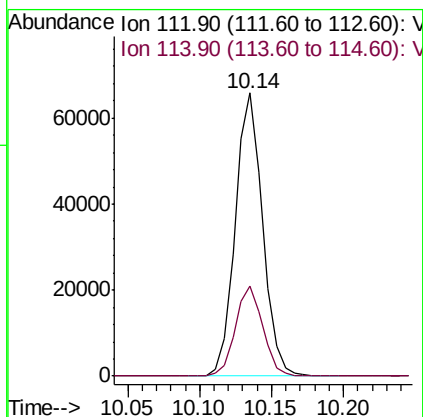
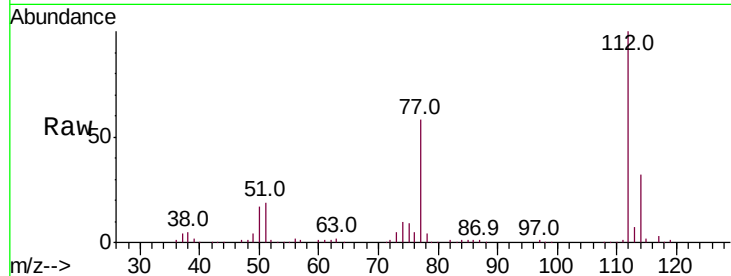
#65
Chlorobenzene
Concen: 19.606 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.8	38.8

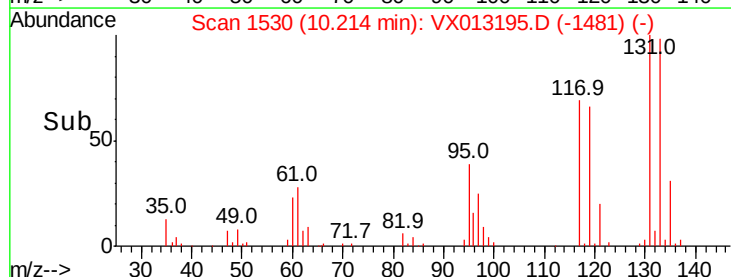
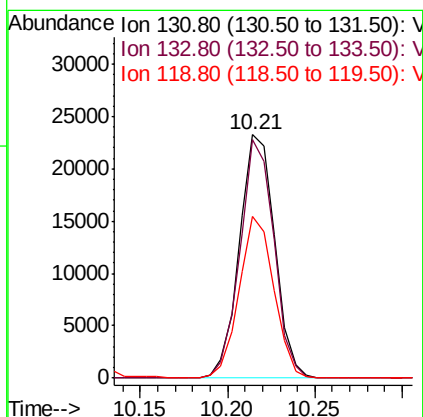
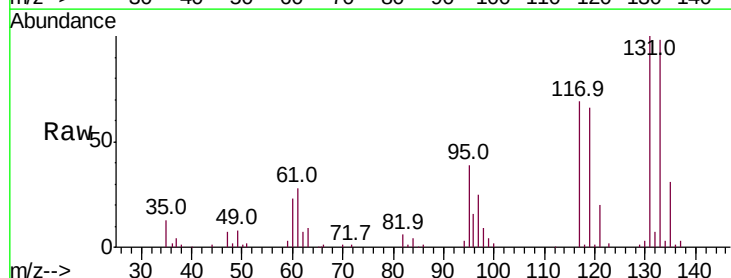
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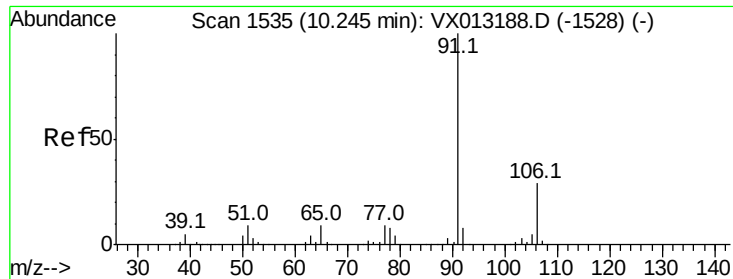
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.825 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	48.4	145.2
119	65.3	32.4	97.0





#67

Ethyl Benzene

Concen: 19.740 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

Tot Ion: 91 Resp: 157333

Ion Ratio Lower Upper

91 100

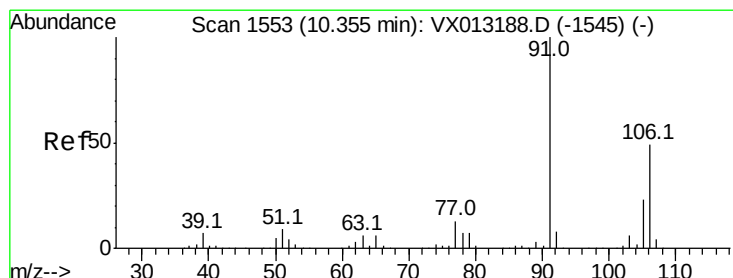
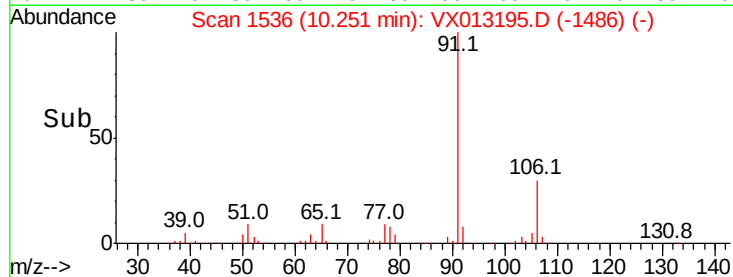
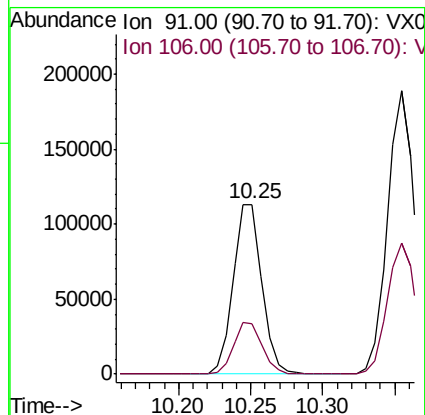
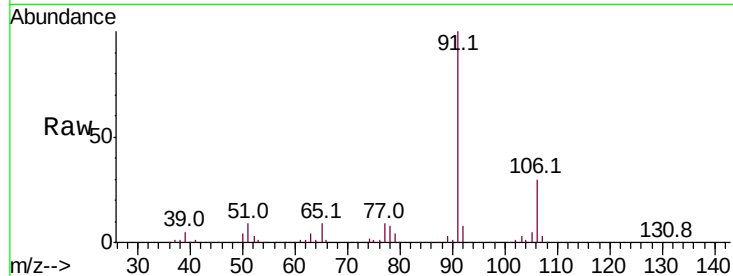
106 30.1 23.5 35.3

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#68

m/p-Xylenes

Concen: 39.553 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013195.D

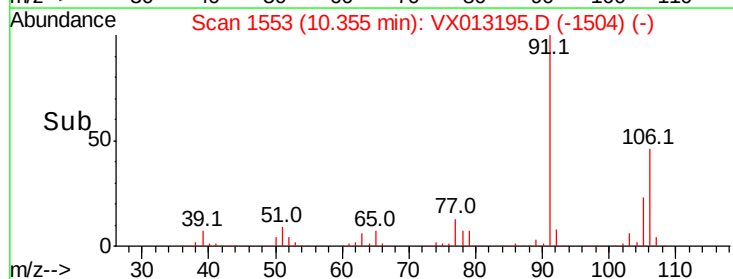
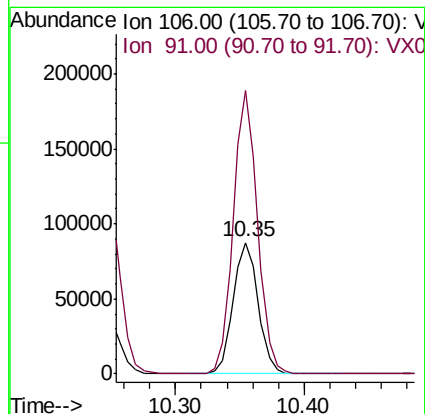
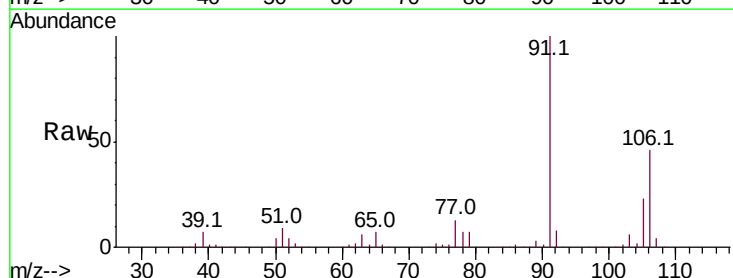
Acq: 23 Oct 2019 18:32

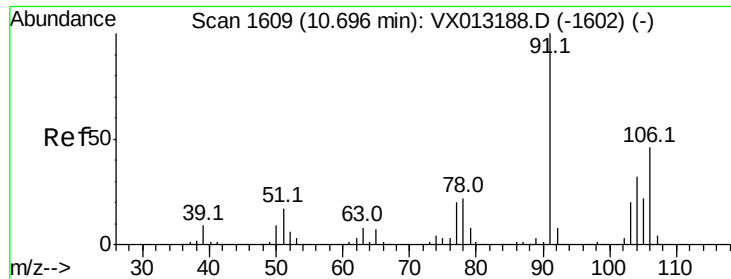
Tgt Ion: 106 Resp: 119140

Ion Ratio Lower Upper

106 100

91 209.1 166.8 250.2





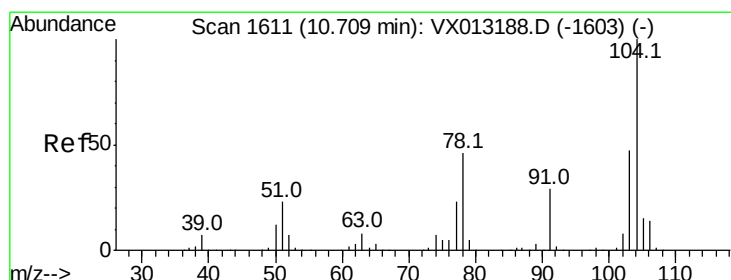
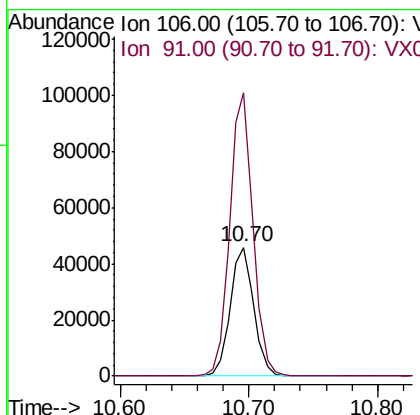
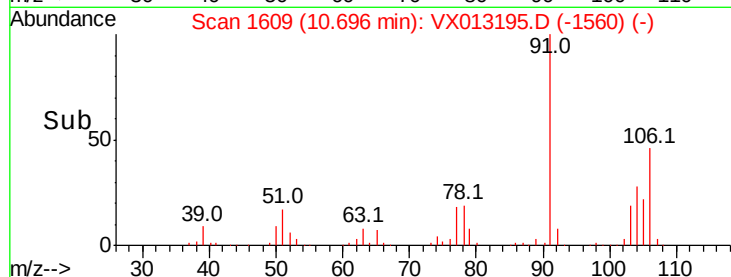
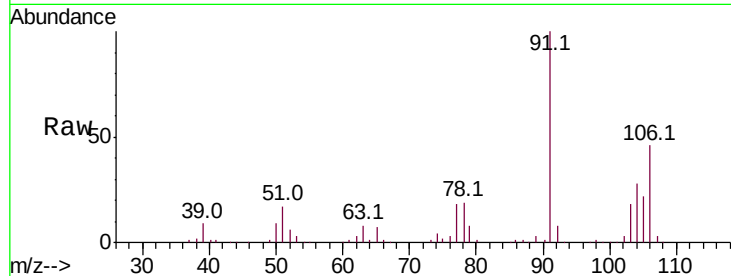
#69
o-Xylene
Concen: 20.188 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion:106 Resp: 58334
Ion Ratio Lower Upper
106 100
91 218.2 110.7 331.9

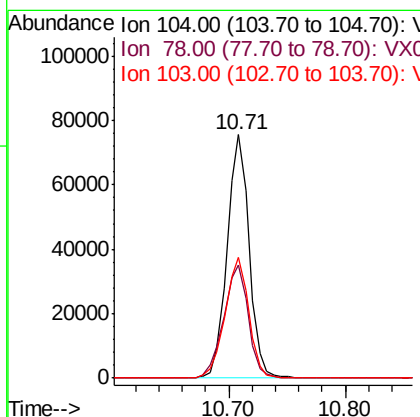
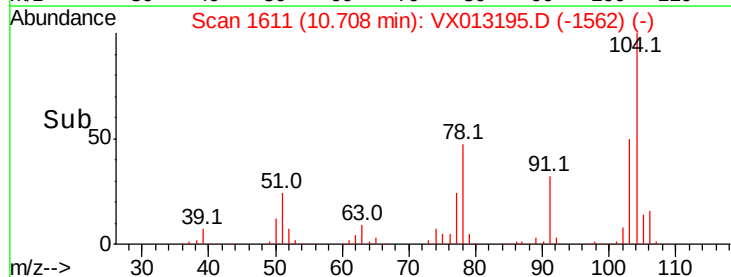
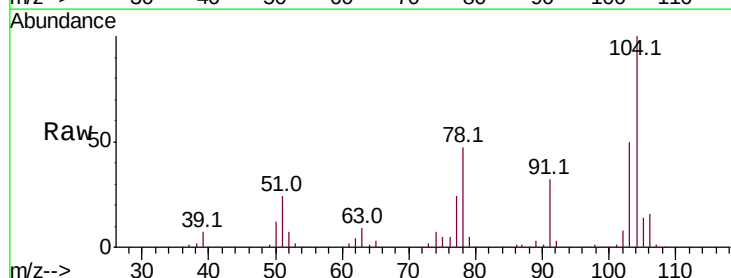
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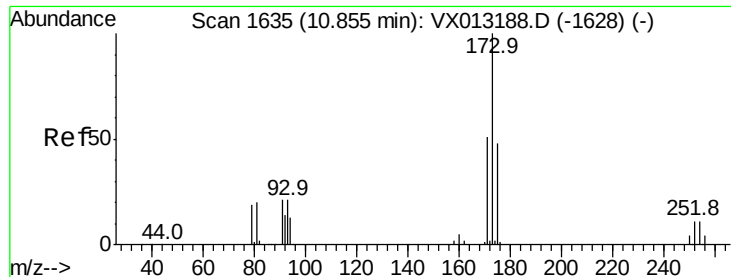
MMDadoda
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#70
Styrene
Concen: 19.930 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion:104 Resp: 99163
Ion Ratio Lower Upper
104 100
78 51.8 42.2 63.4
103 53.6 42.8 64.2





#71

Bromoform

Concen: 19.613 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

Tot Ion:173 Resp: 23570

Ion Ratio Lower Upper

173 100

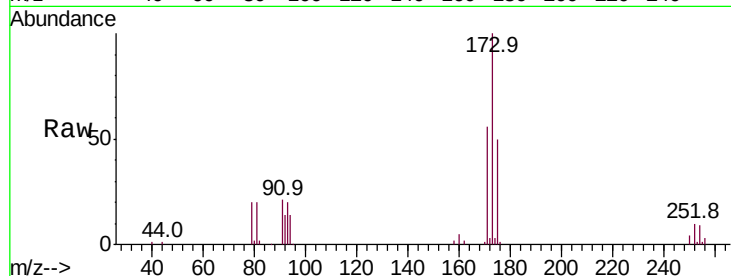
175 50.4 24.3 72.8

254 0.2 0.1 0.1#

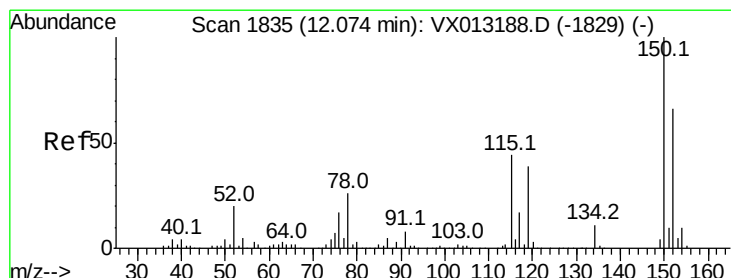
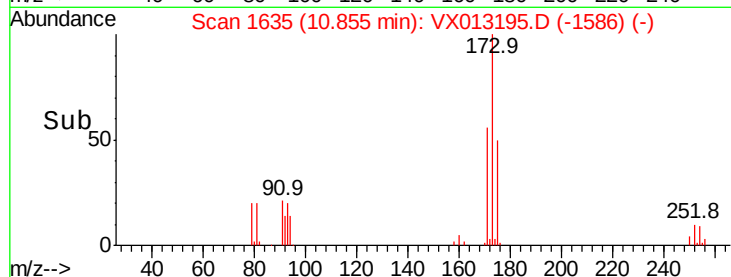
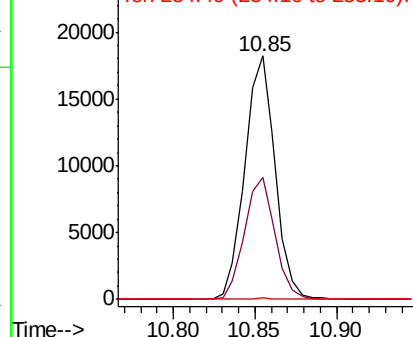
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

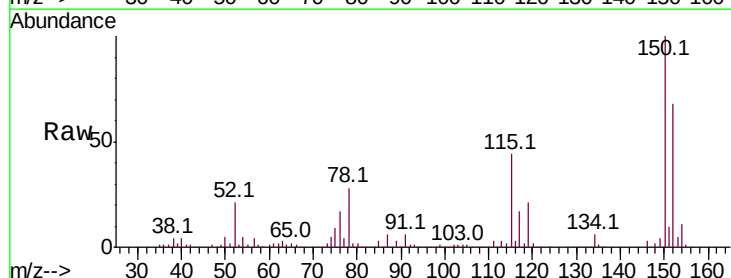
Tgt Ion:152 Resp: 85130

Ion Ratio Lower Upper

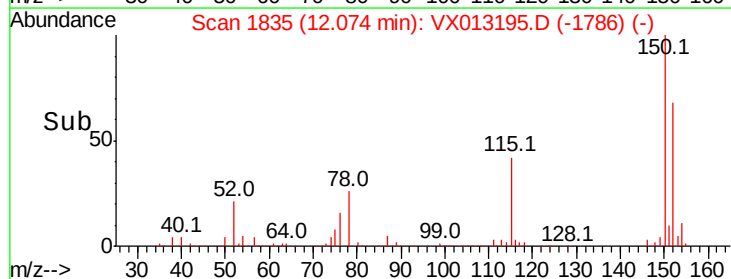
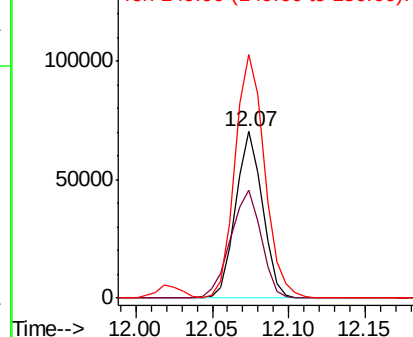
152 100

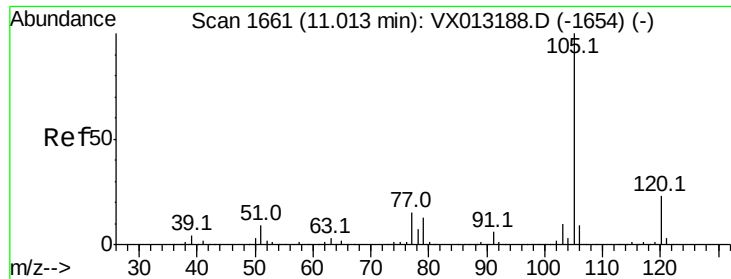
115 74.4 46.6 139.8

150 161.6 0.0 354.0



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: 20.514 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

Tot Ion:105 Resp: 158586

Ion Ratio Lower Upper

105 100

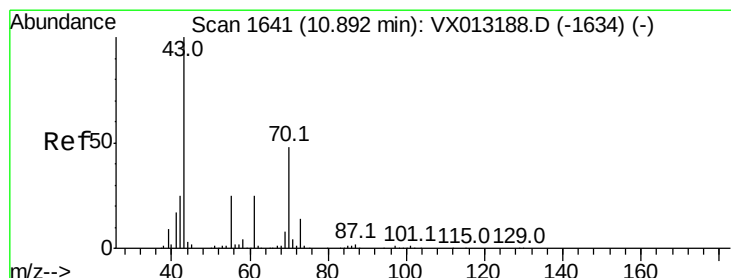
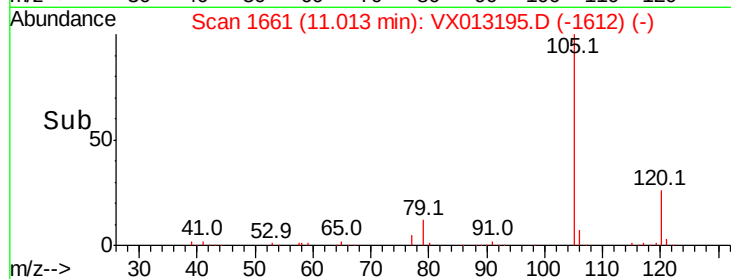
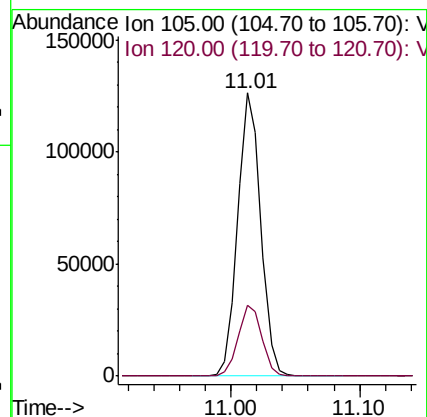
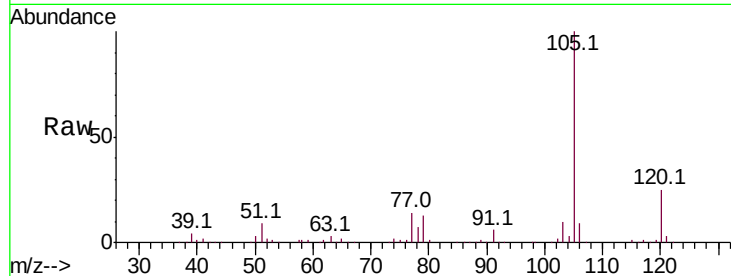
120 25.4 12.6 37.8

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#74

N-ethyl acetate

Concen: 20.421 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Tgt Ion: 43 Resp: 57940

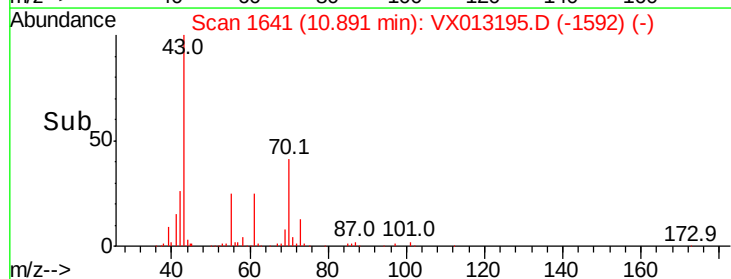
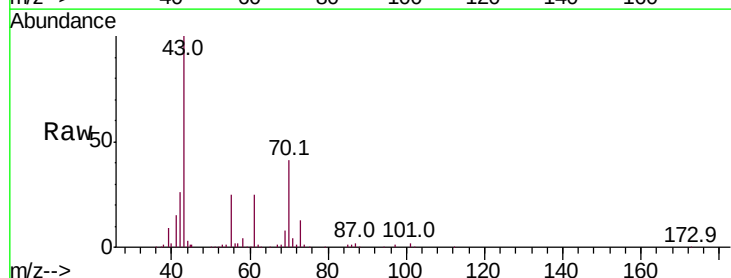
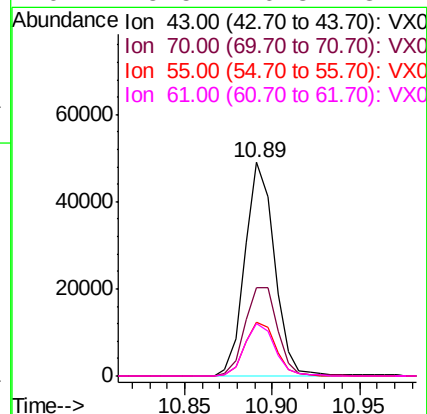
Ion Ratio Lower Upper

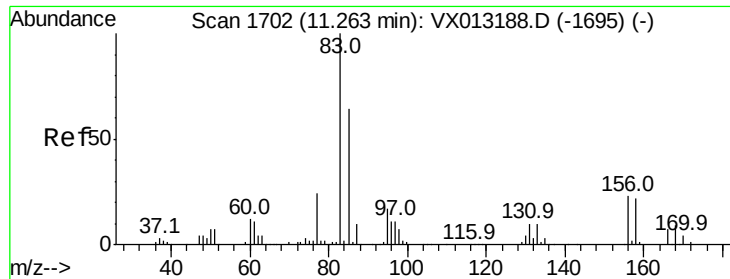
43 100

70 46.0 38.5 57.7

55 26.4 20.7 31.1

61 25.5 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.204 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

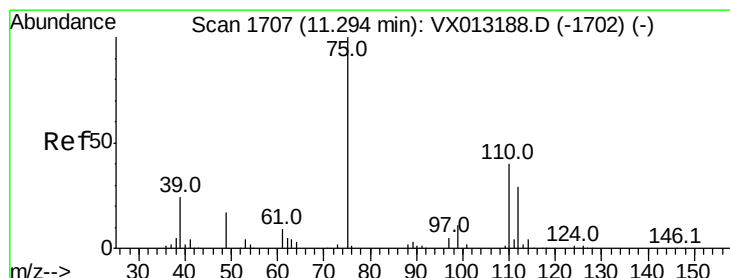
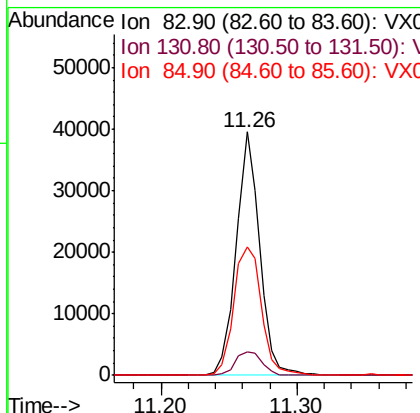
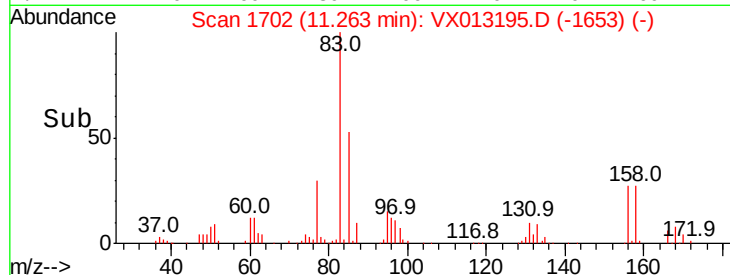
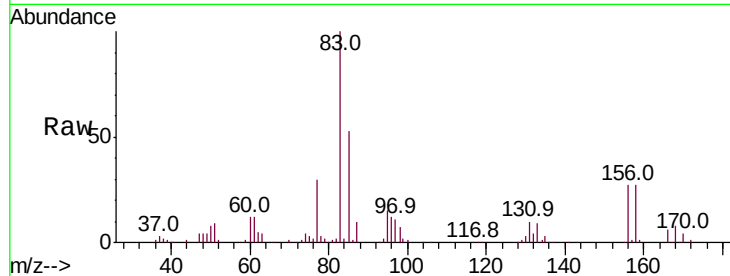
ClientSampleId :

VX1024WBSD02

Tot Ion	83	Resp	47426
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.3	16.1
85	62.5	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.874 ug/l m

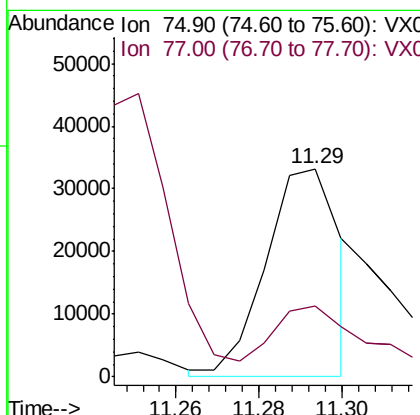
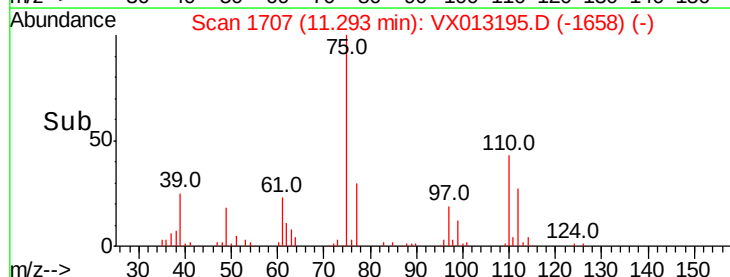
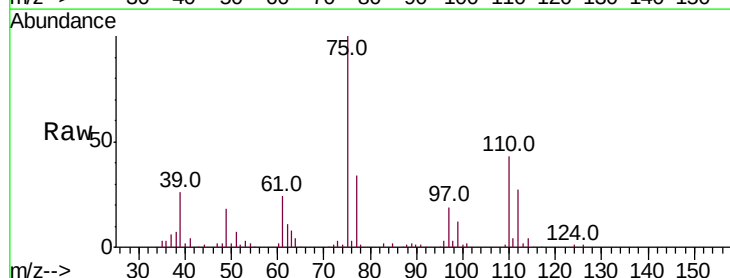
RT: 11.29 min Scan# 1707

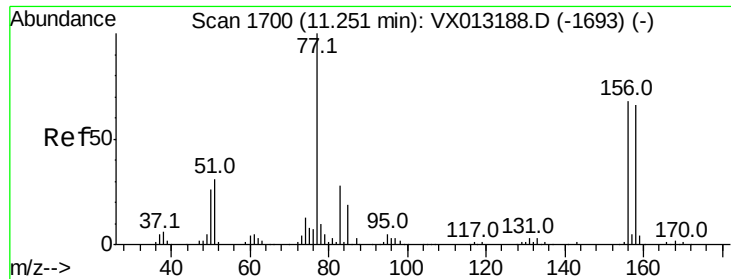
Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Tgt Ion	75	Resp	40777
Ion	Ratio	Lower	Upper
75	100		
77	45.1	19.1	57.5





#77

Bromobenzene

Concen: 20.245 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

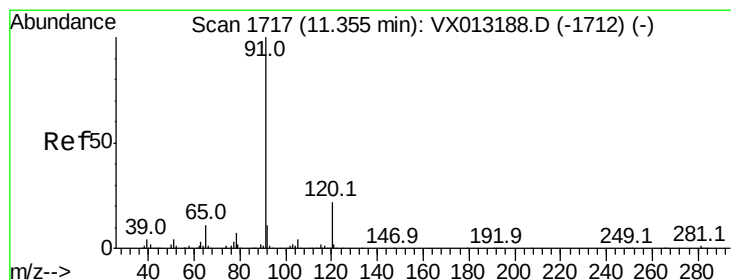
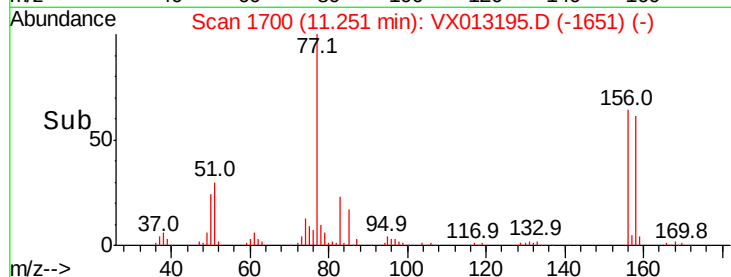
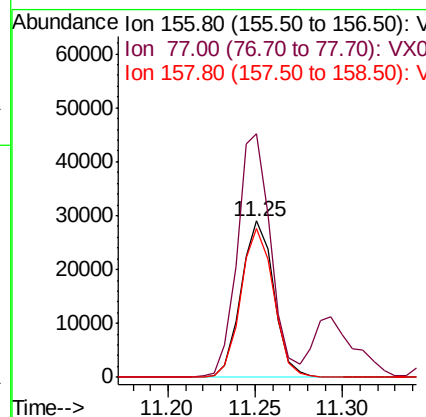
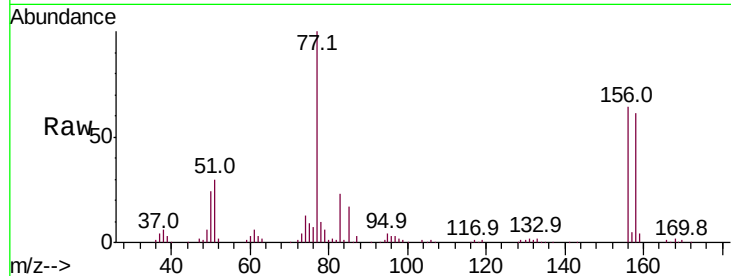
ClientSampleId :

VX1024WBSD02

Tot Ion:	156	Resp:	37511
Ion	Ratio	Lower	Upper
156	100		
77	159.9	81.7	245.1
158	95.9	49.6	148.8

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#78

n-propylbenzene

Concen: 20.539 ug/l

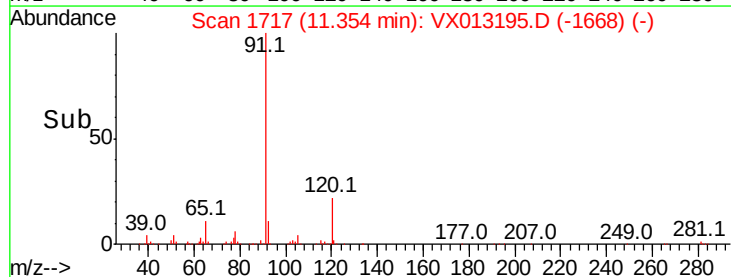
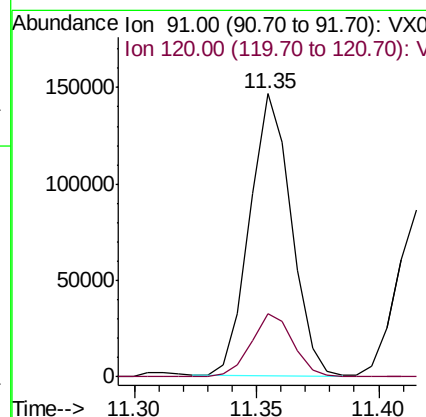
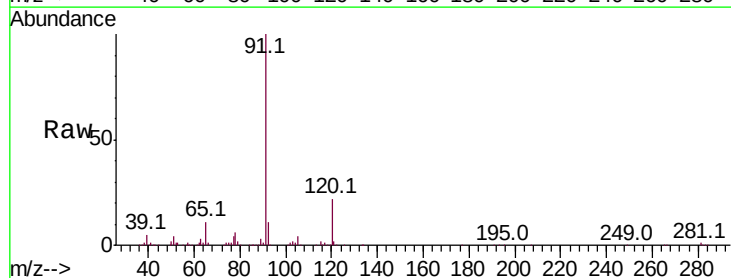
RT: 11.35 min Scan# 1717

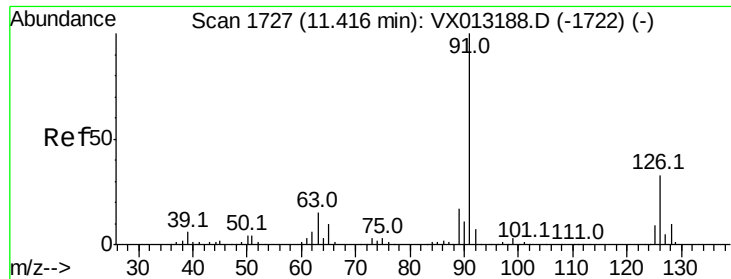
Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Tgt Ion:	91	Resp:	172471
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1





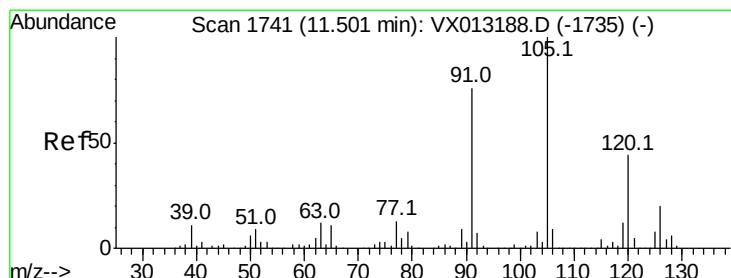
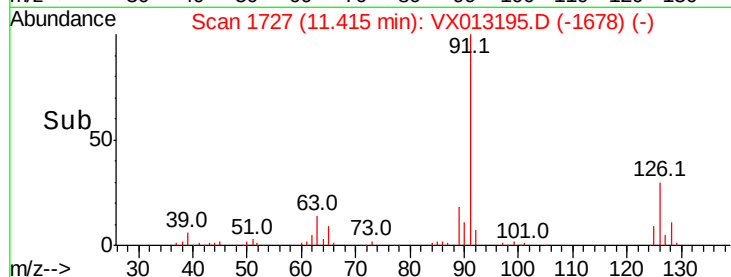
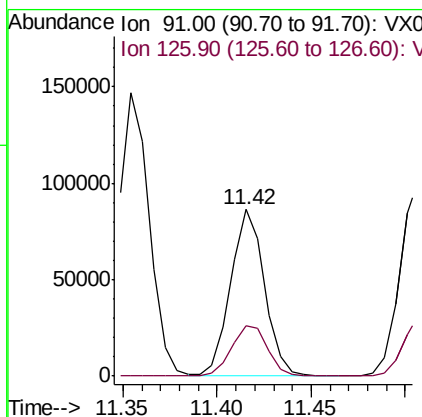
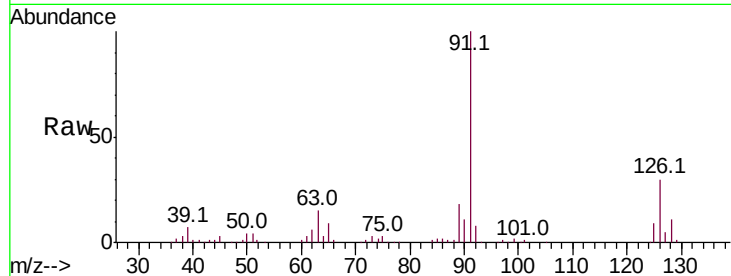
#79
2-Chlorotoluene
Concen: 20.230 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion: 91 Resp: 107333
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

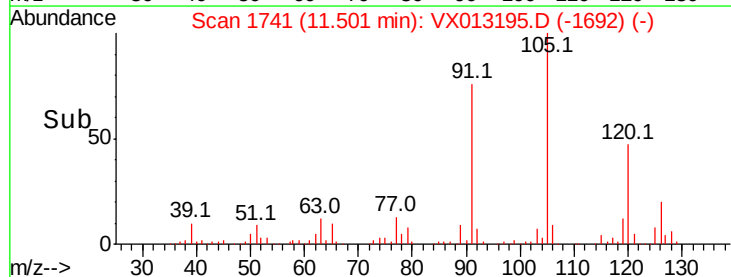
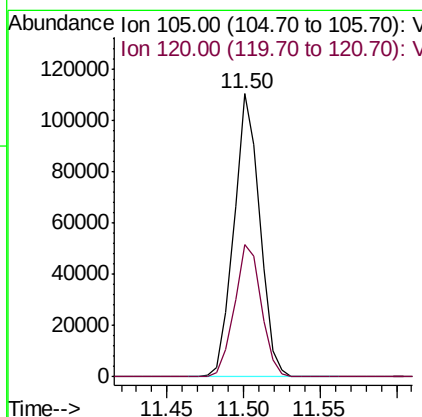
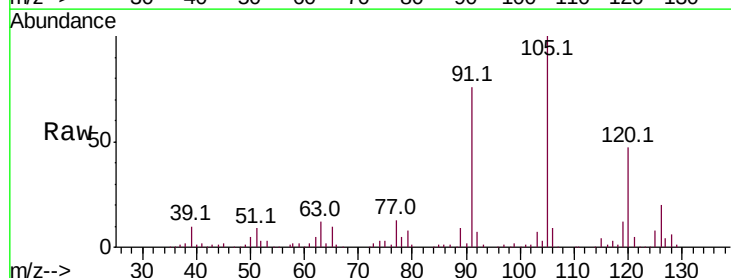
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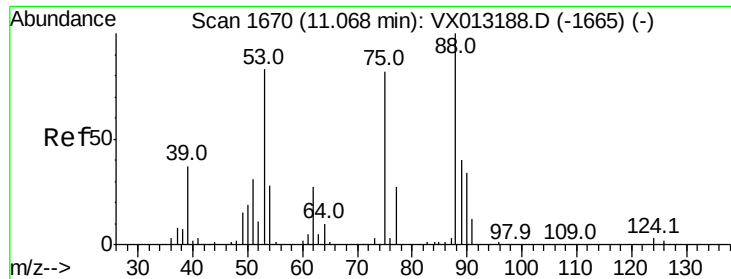
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.101 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion: 105 Resp: 129158
Ion Ratio Lower Upper
105 100
120 48.7 23.4 70.0





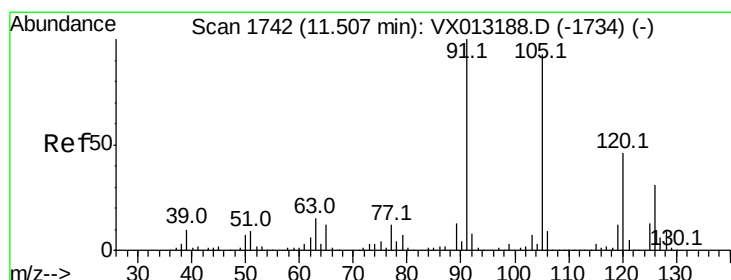
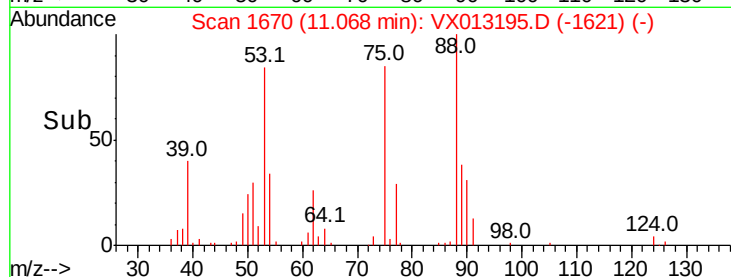
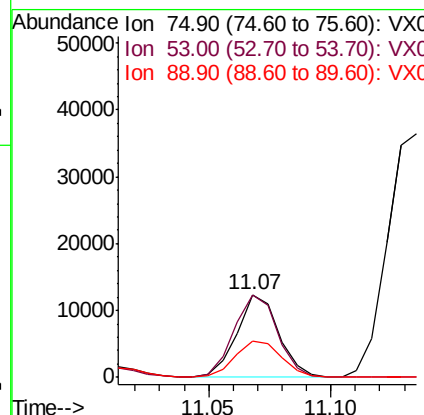
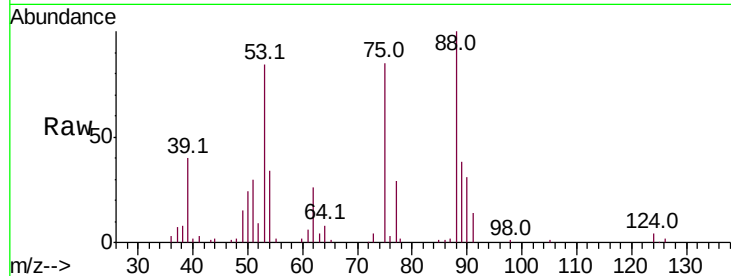
#81
trans-1,4-Dichloro-2-butene
Concen: 19.855 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.8	77.9	116.9
89	48.4	37.3	55.9

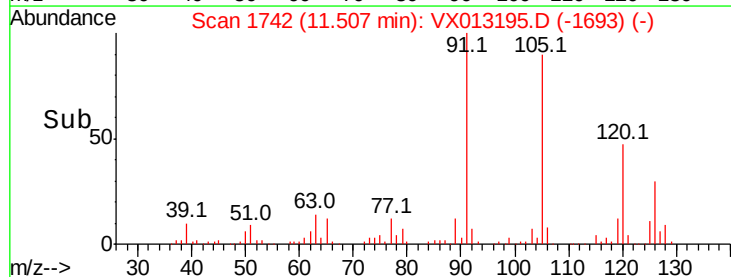
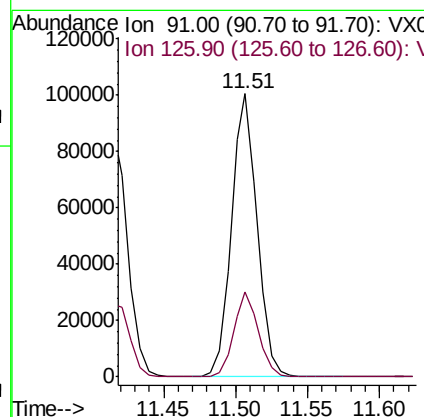
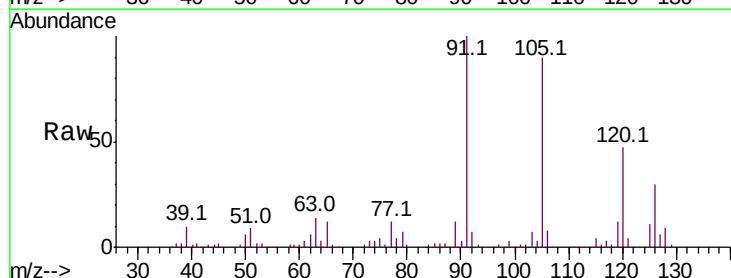
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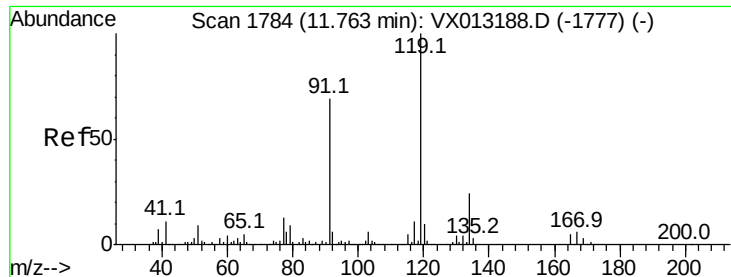
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.874 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.6	44.0





#83

tert-Butylbenzene

Concen: 19.878 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

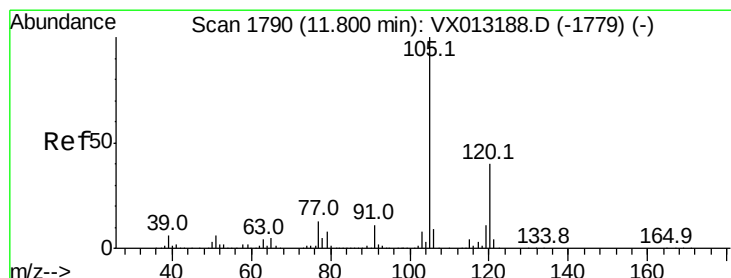
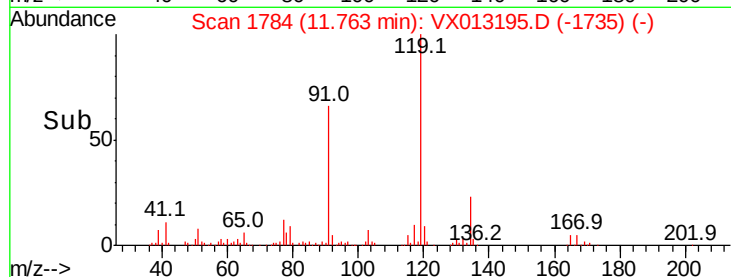
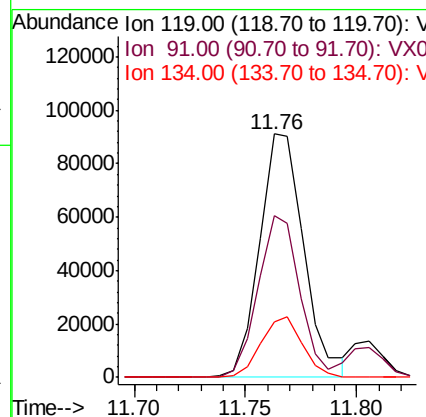
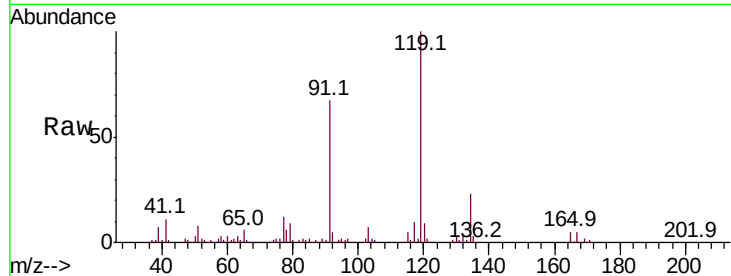
ClientSampleId :

VX1024WBSD02

Tot Ion:	119	Resp:	126372
Ion Ratio	Lower	Upper	
119	100		
91	62.3	30.8	92.4
134	23.2	11.5	34.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.888 ug/l

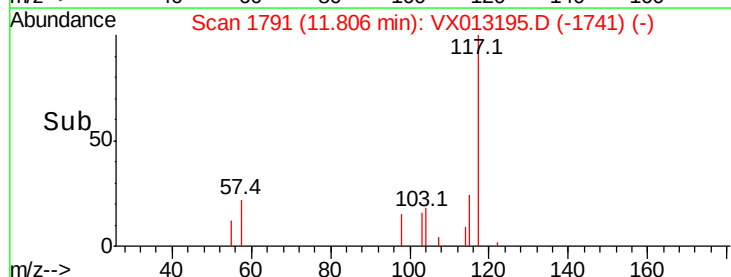
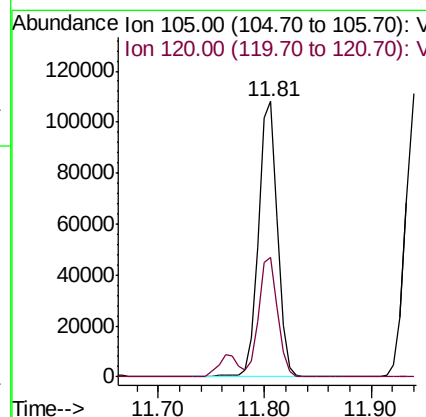
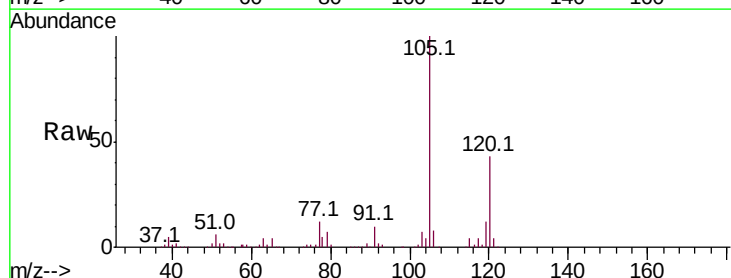
RT: 11.81 min Scan# 1791

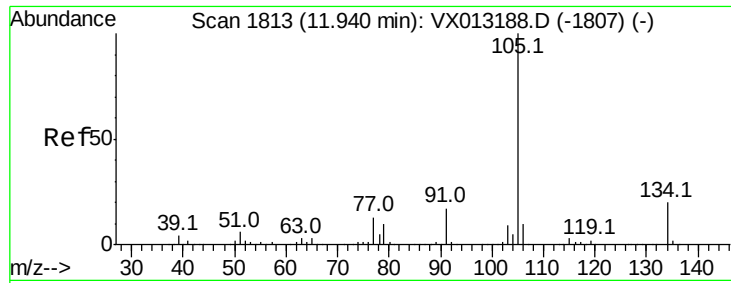
Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Tgt Ion:	105	Resp:	135383
Ion Ratio	Lower	Upper	
105	100		
120	43.2	21.4	64.3





#85

sec-Butylbenzene

Concen: 20.014 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBSD02

Tot Ion:105 Resp: 144792

Ion Ratio Lower Upper

105 100

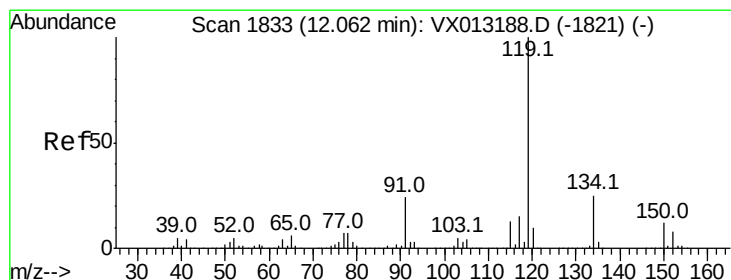
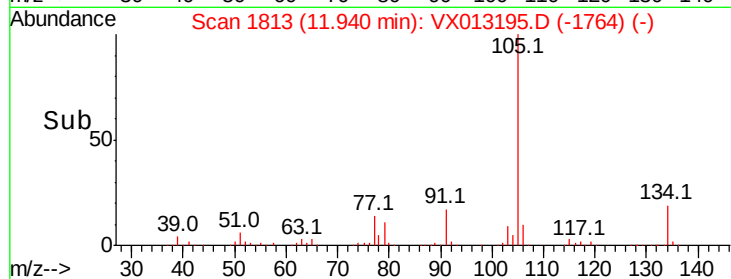
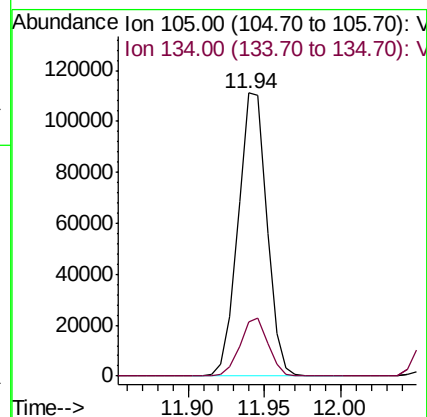
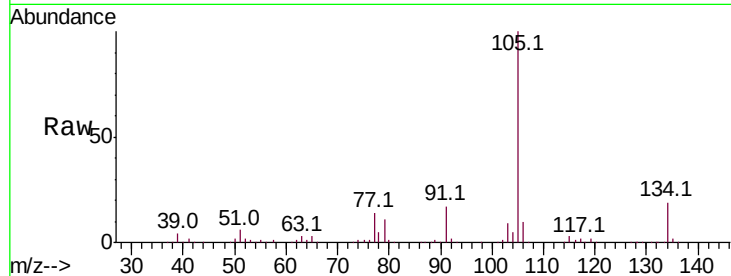
134 20.0 9.9 29.7

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.381 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

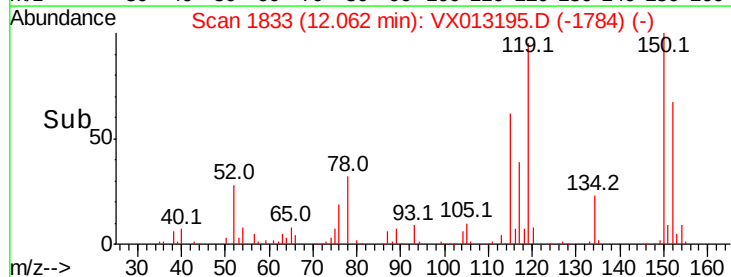
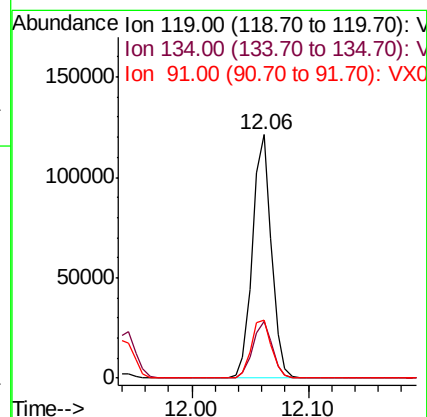
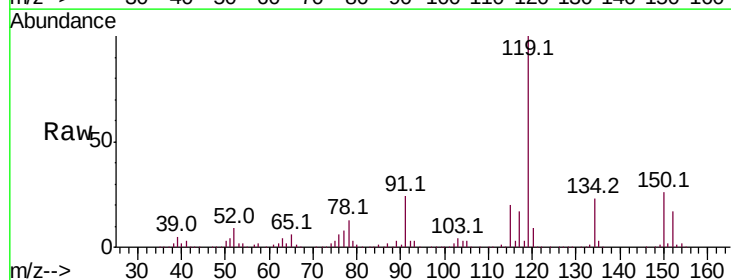
Tgt Ion:119 Resp: 138522

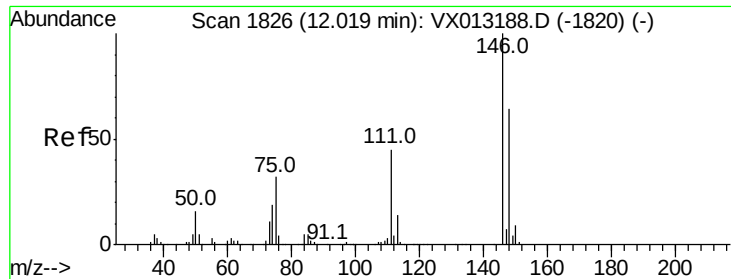
Ion Ratio Lower Upper

119 100

134 23.9 12.5 37.5

91 25.6 12.4 37.2





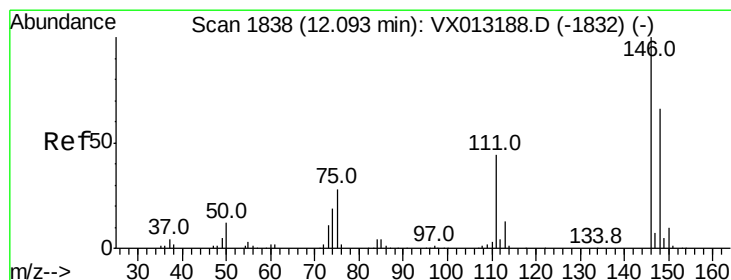
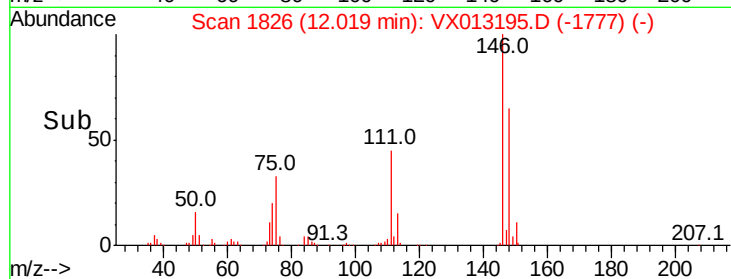
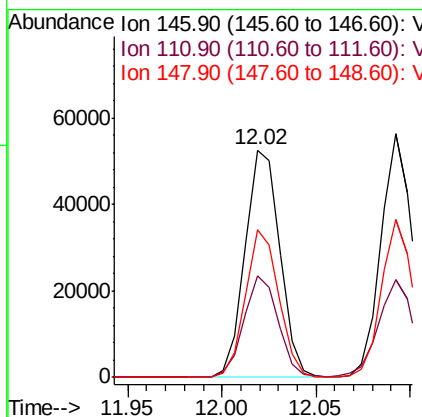
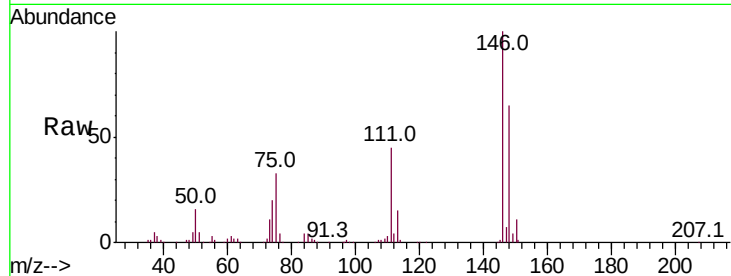
#87
 1,3-Dichlorobenzene
 Concen: 20.212 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.3	63.9
148	62.2	31.6	94.8

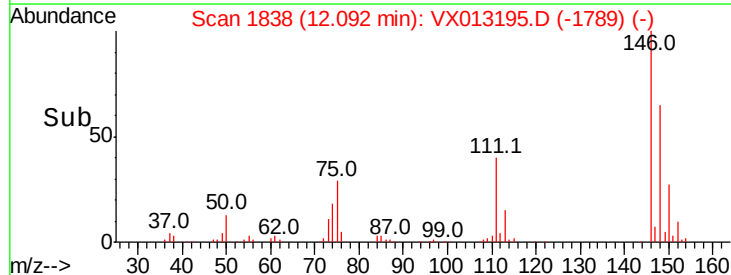
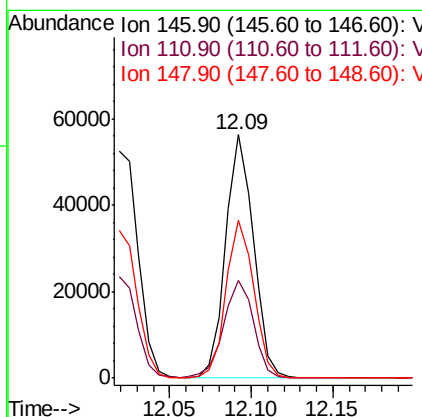
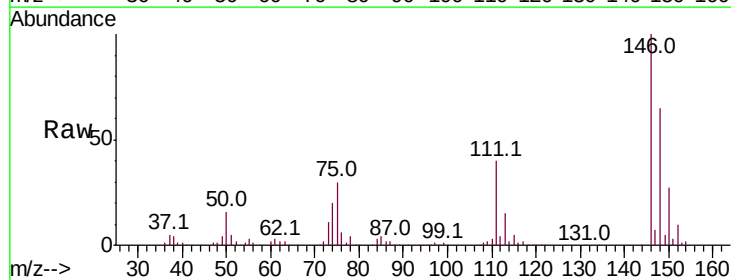
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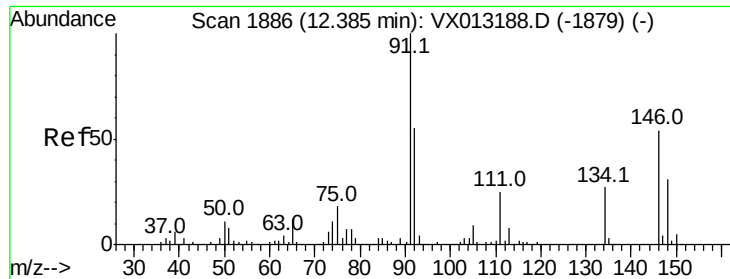
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#88
 1,4-Dichlorobenzene
 Concen: 19.689 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013195.D
 Acq: 23 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.3	63.9
148	64.9	32.5	97.5





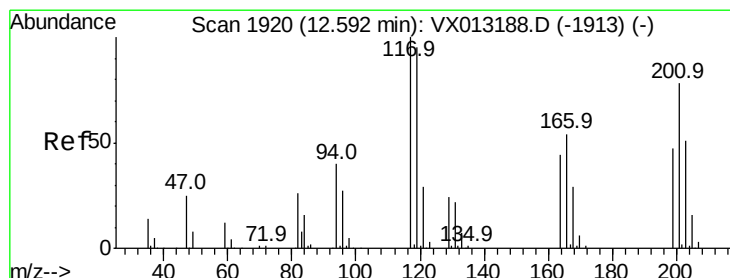
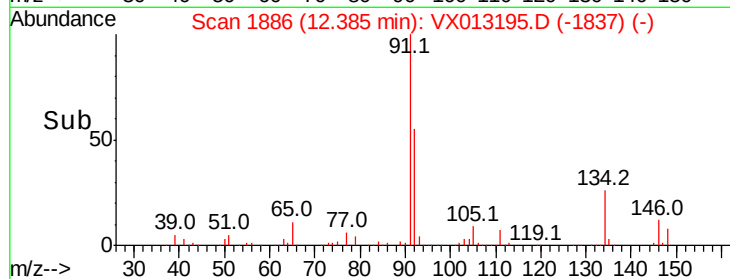
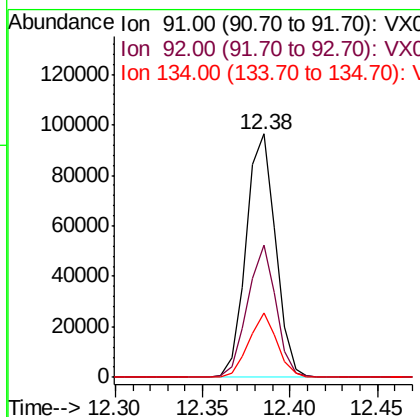
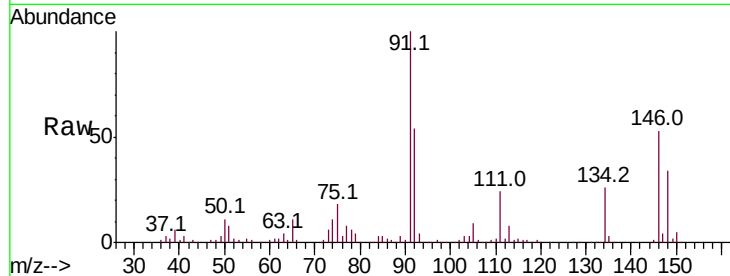
#89
n-Butylbenzene
Concen: 20.331 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.7	83.1
134	25.5	13.2	39.6

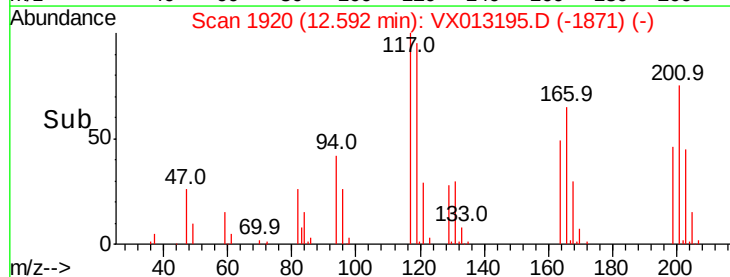
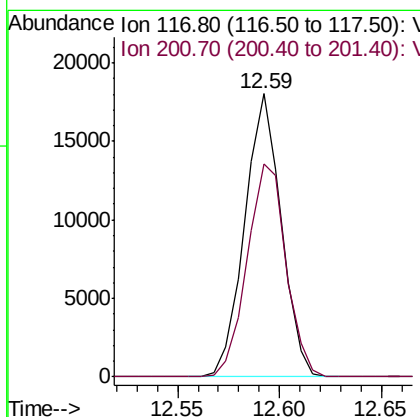
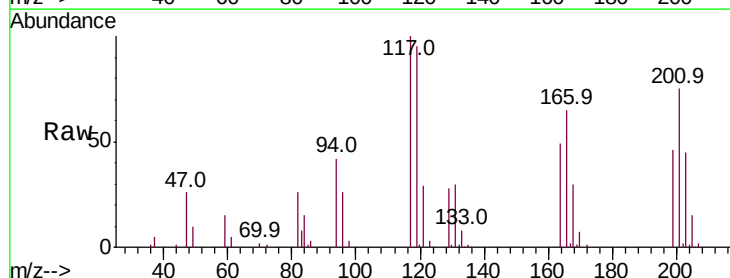
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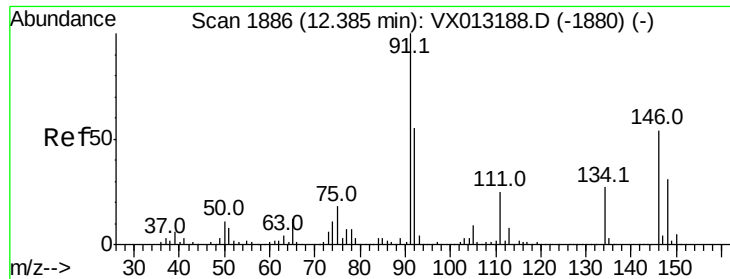
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#90
Hexachloroethane
Concen: 19.684 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.1	39.0	116.9





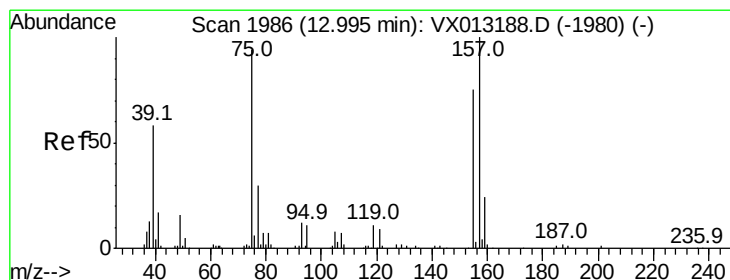
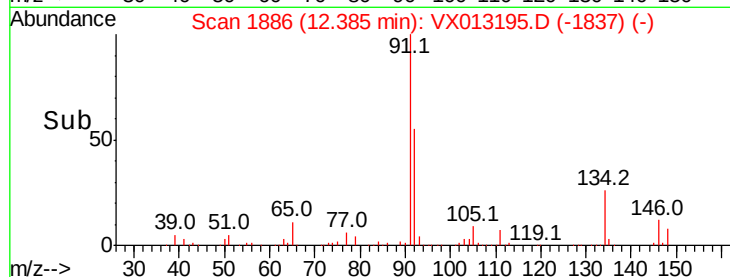
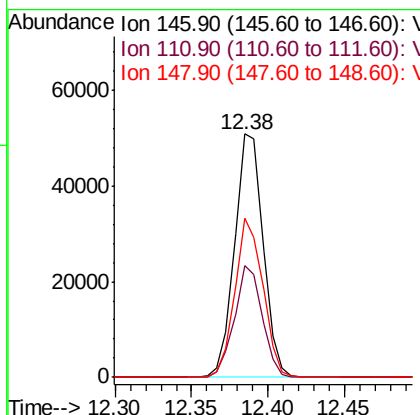
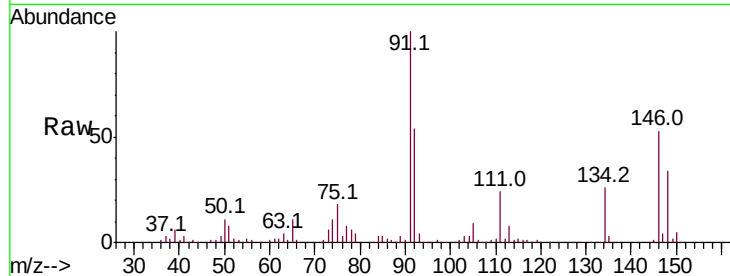
#91
1,2-Dichlorobenzene
Concen: 20.042 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.9	68.8
148	64.2	31.8	95.3

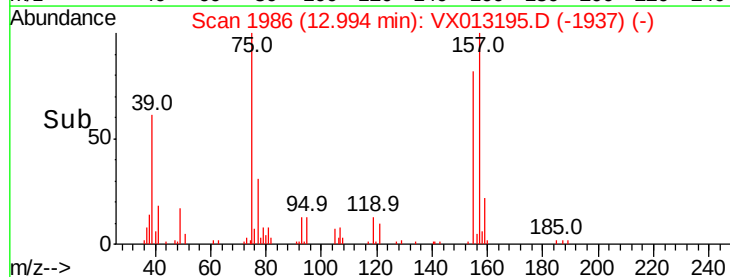
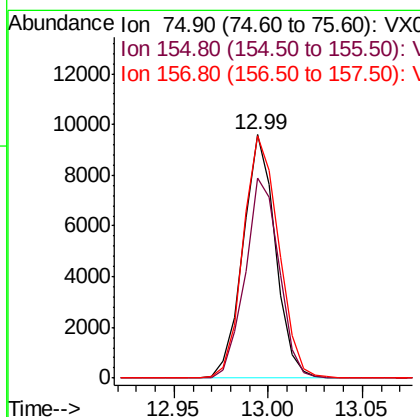
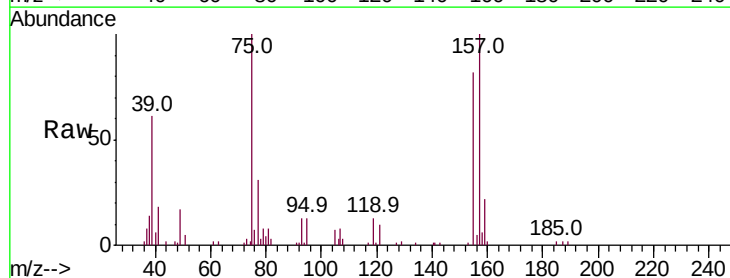
Manual Integrations
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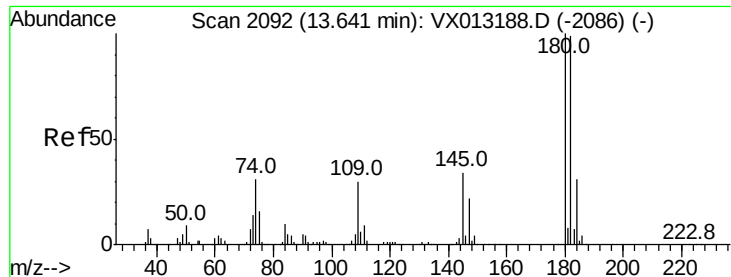
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 19.569 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX013195.D
Acq: 23 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.9	42.8	128.4
157	108.5	54.3	162.8





#93

1,2,4-Trichlorobenzene

Concen: 20.076 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

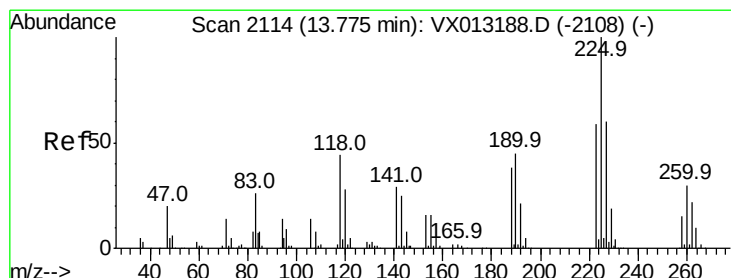
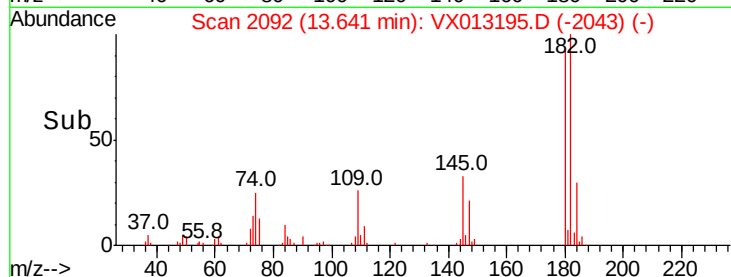
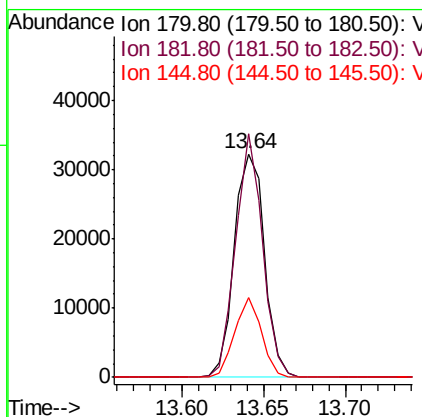
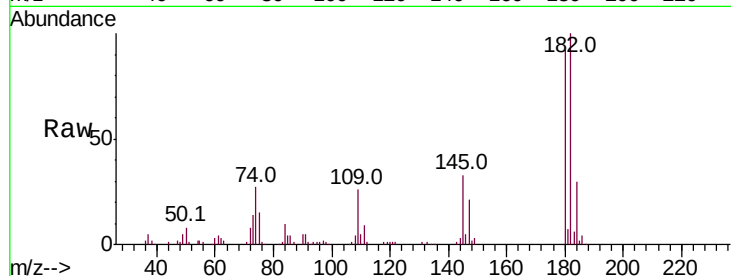
ClientSampleId :

VX1024WBSD02

Tot Ion:	180	Resp:	41609
Ion Ratio	Lower	Upper	
180	100		
182	97.1	45.9	137.6
145	31.6	15.9	47.6

Manual Integrations
APPROVED

MMDadoda
10/25/2019 4:33:18 PM



#94

Hexachlorobutadiene

Concen: 19.631 ug/l

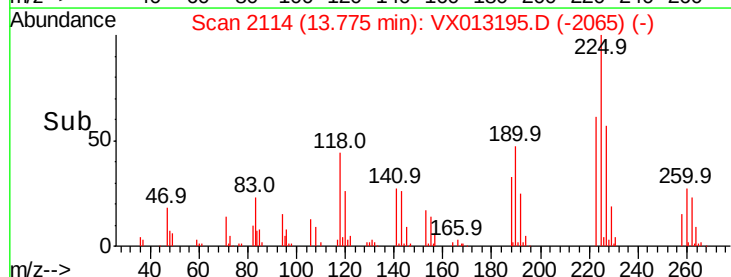
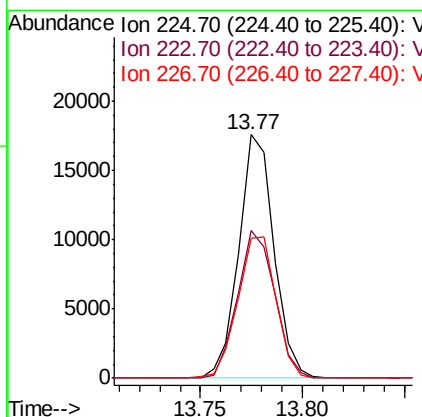
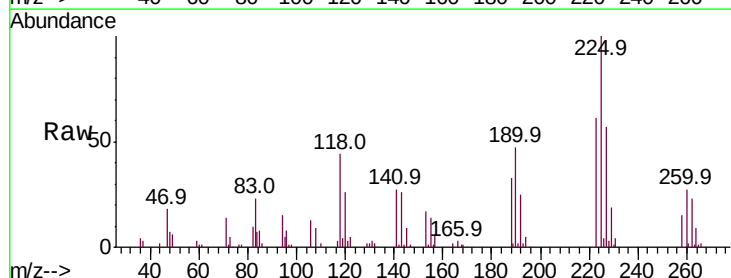
RT: 13.77 min Scan# 2114

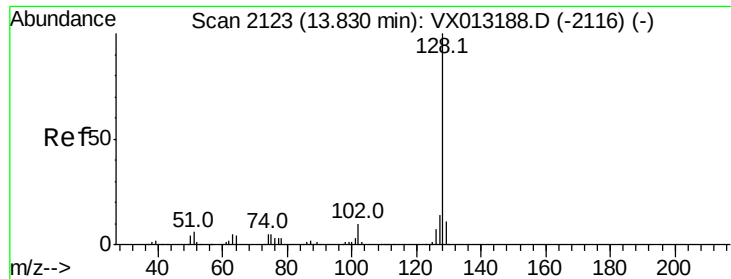
Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Tgt Ion:	225	Resp:	21047
Ion Ratio	Lower	Upper	
225	100		
223	63.9	30.9	92.5
227	62.8	30.3	90.9





#95

Naphthalene

Concen: 21.444 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Instrument :

MSVOA_X

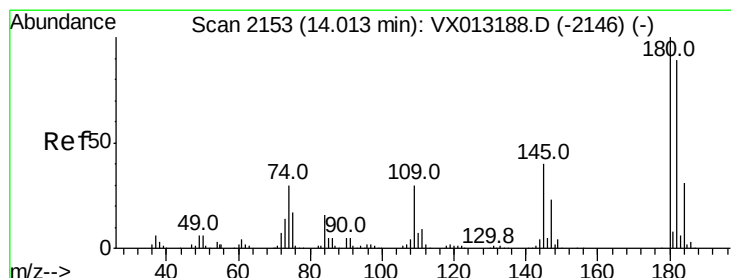
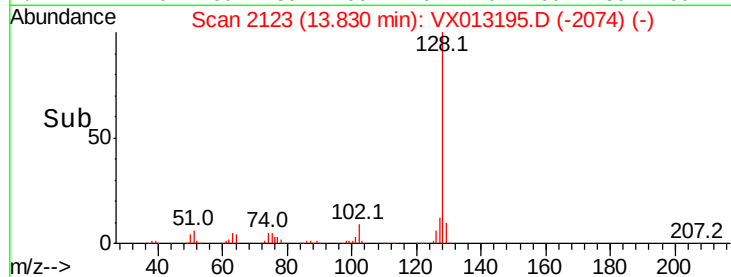
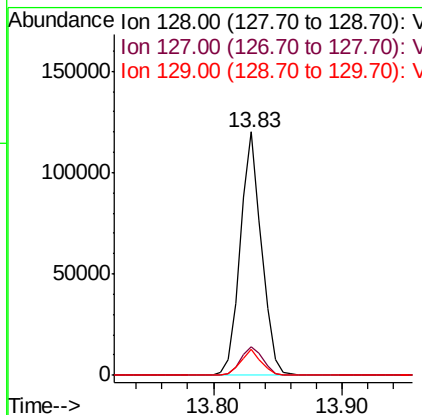
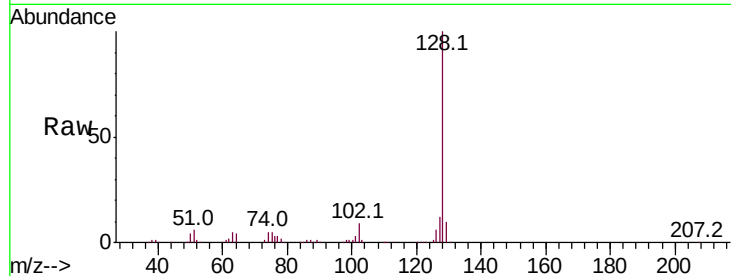
ClientSampleId :

VX1024WBSD02

Tot Ion:	128	Resp:	136405
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.7	16.1
129	10.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/25/2019 4:33:18 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.754 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX013195.D

Acq: 23 Oct 2019 18:32

Tgt Ion:	180	Resp:	42505
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.3	144.9
145	33.5	18.6	55.6

