

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102919\
 Data File : VX013264.D
 Acq On : 29 Oct 2019 12:33
 Operator : JC/SP
 Sample : VX1029WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 10:49:15 AM

Quant Time: Oct 30 01:59:20 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	71505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	102617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	102676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	68619	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	79440	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	5.49	113	61578	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
50) Toluene-d8	8.71	98	220207	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.13	95	86015	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	26556	18.406	ug/l	96
3) Chloromethane	1.32	50	22082	19.198	ug/l	99
4) Vinyl Chloride	1.40	62	22889	17.628	ug/l	99
5) Bromomethane	1.63	94	15034	21.844	ug/l	98
6) Chloroethane	1.72	64	15237	19.404	ug/l	98
7) Trichlorofluoromethane	1.92	101	42348	20.843	ug/l	97
8) Diethyl Ether	2.18	74	13407	19.078	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25767	20.306	ug/l	98
10) Methyl Iodide	2.50	142	26815	19.126	ug/l	99
11) Tert butyl alcohol	3.03	59	34219	104.851	ug/l	98
12) 1,1-Dichloroethene	2.36	96	23077	18.945	ug/l	97
13) Acrolein	2.28	56	15677	89.343	ug/l	96
14) Allyl chloride	2.72	41	34755	18.124	ug/l	95
15) Acrylonitrile	3.13	53	63645	96.547	ug/l	98
16) Acetone	2.43	43	70317	99.798	ug/l	100
17) Carbon Disulfide	2.56	76	55287	16.883	ug/l	99
18) Methyl Acetate	2.76	43	31304	20.921	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	85334	19.894	ug/l	98
20) Methylene Chloride	2.85	84	26802	20.513	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	24710	19.787	ug/l	89
22) Diisopropyl ether	3.84	45	72665	19.379	ug/l	97
23) Vinyl Acetate	3.80	43	307558	96.504	ug/l	99
24) 1,1-Dichloroethane	3.69	63	44554	19.318	ug/l	98
25) 2-Butanone	4.65	43	89888	95.127	ug/l	98
26) 2,2-Dichloropropane	4.57	77	42642	20.006	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	29487	19.766	ug/l	97
28) Bromochloromethane	5.00	49	12578	21.150	ug/l	98
29) Tetrahydrofuran	5.12	42	53595	94.098	ug/l	99
30) Chloroform	5.20	83	49811	20.285	ug/l	100
31) Cyclohexane	5.57	56	36312	18.774	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	46296	21.204	ug/l	99
36) 1,1-Dichloropropene	5.79	75	34963	20.309	ug/l	99
37) Ethyl Acetate	4.82	43	32449	18.976	ug/l	98
38) Carbon Tetrachloride	5.77	117	38241	20.161	ug/l	94

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 Operator : JC/SP
 Sample : VX1029WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1029WBSD01

Manual Integrations
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MMDadoda
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Quant Time: Oct 30 01:59:20 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)
39) Methylcyclohexane	7.46	83	40303	18.346	ug/l	100
40) Benzene	6.14	78	102162	19.821	ug/l	98
41) Methacrylonitrile	5.03	41	18720	20.419	ug/l	99
42) 1,2-Dichloroethane	6.18	62	42041	21.633	ug/l	99
43) Isopropyl Acetate	6.43	43	56210	19.798	ug/l	99
44) Trichloroethene	7.21	130	28626	19.568	ug/l	98
45) 1,2-Dichloropropane	7.51	63	25300	19.598	ug/l	99
46) Dibromomethane	7.65	93	18419	19.803	ug/l	98
47) Bromodichloromethane	7.89	83	37798	20.853	ug/l	96
48) Methyl methacrylate	7.76	41	27856	19.851	ug/l	97
49) 1,4-Dioxane	7.73	88	14649	410.162	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	170549	98.550	ug/l	100
52) Toluene	8.78	92	66268	19.400	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	39732	20.627	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	42556	20.196	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	27138	20.095	ug/l	95
56) Ethyl methacrylate	9.17	69	41711	20.521	ug/l	98
57) 1,3-Dichloropropane	9.37	76	45783	20.092	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	83886	105.768	ug/l	99
59) 2-Hexanone	9.48	43	133227	99.941	ug/l	98
60) Dibromochloromethane	9.58	129	29963	21.173	ug/l	99
61) 1,2-Dibromoethane	9.67	107	29137	20.323	ug/l	98
64) Tetrachloroethene	9.33	164	27861	20.869	ug/l	97
65) Chlorobenzene	10.14	112	71515	19.897	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	28628	21.561	ug/l	96
67) Ethyl Benzene	10.25	91	128192	19.922	ug/l	100
68) m/p-Xylenes	10.36	106	97433	40.068	ug/l	99
69) o-Xylene	10.70	106	46274	19.837	ug/l	96
70) Styrene	10.71	104	80800	20.116	ug/l	99
71) Bromoform	10.86	173	20946	21.590	ug/l #	99
73) Isopropylbenzene	11.01	105	127391	20.444	ug/l	96
74) N-amyl acetate	10.89	43	46170	20.188	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	38651	20.428	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	33619m	20.328	ug/l	
77) Bromobenzene	11.25	156	30592	20.484	ug/l	93
78) n-propylbenzene	11.35	91	136273	20.133	ug/l	98
79) 2-Chlorotoluene	11.42	91	86649	20.261	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	110810	21.395	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	12106	20.115	ug/l	94
82) 4-Chlorotoluene	11.51	91	100185	20.675	ug/l	99
83) tert-Butylbenzene	11.77	119	103912	20.278	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	112083	21.454	ug/l	98
85) sec-Butylbenzene	11.94	105	119517	20.495	ug/l	98
86) p-Isopropyltoluene	12.06	119	109522	19.992	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	55500	20.570	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	55970	20.375	ug/l	97
89) n-Butylbenzene	12.39	91	89350	19.937	ug/l	98
90) Hexachloroethane	12.59	117	19882	21.671	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	55453	20.901	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	10245	21.774	ug/l	97

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Operator : JC/SP
Sample : VX1029WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

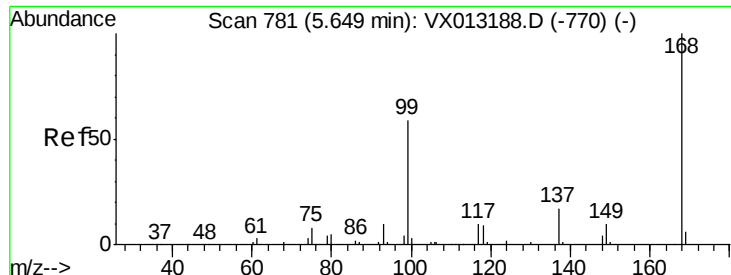
Manual Integrations
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10/30/2019 10:49:15 AM

Quant Time: Oct 30 01:59:20 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)
93) 1,2,4-Trichlorobenzene	13.64	180	34763	20.808	ug/l	97
94) Hexachlorobutadiene	13.78	225	16606	19.215	ug/l	97
95) Naphthalene	13.83	128	106969	20.862	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	33371	20.214	ug/l	98

(#) = 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: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBSD01

Tgt Ion:168 Resp: 71505

Ion Ratio Lower Upper

168 100

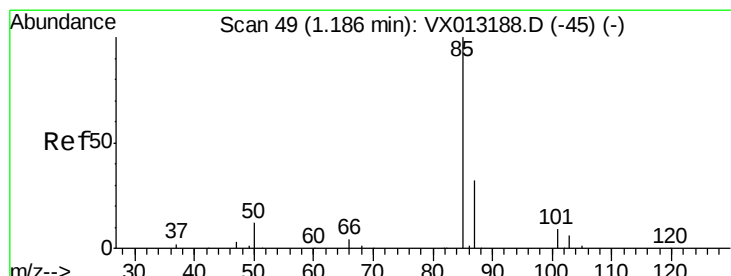
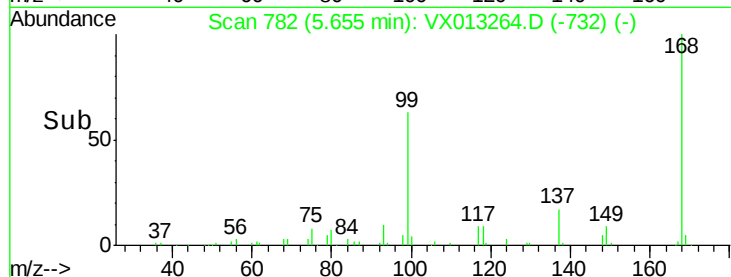
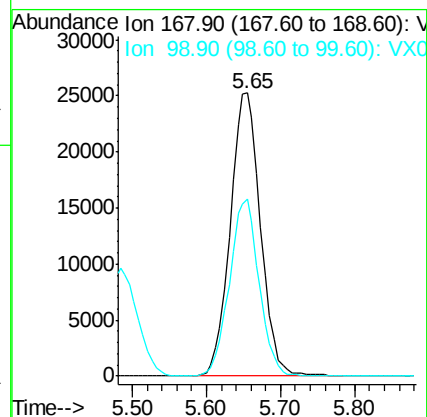
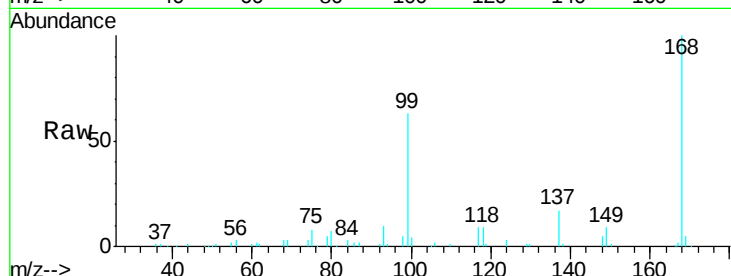
99 62.6 47.0 70.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.406 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013264.D

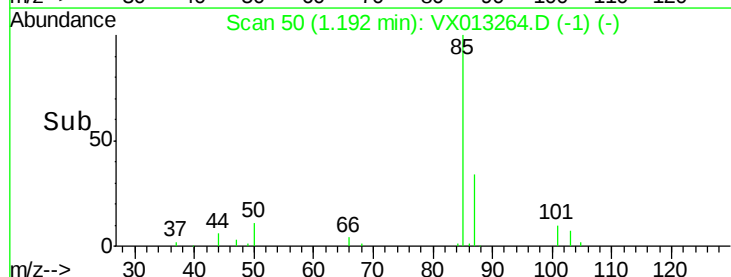
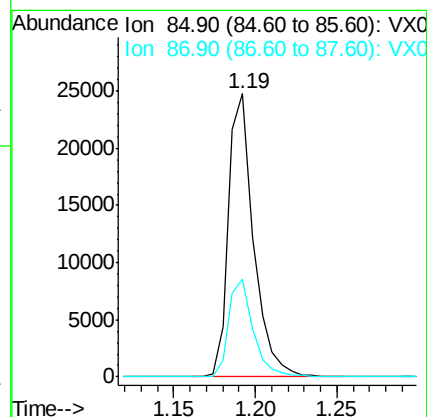
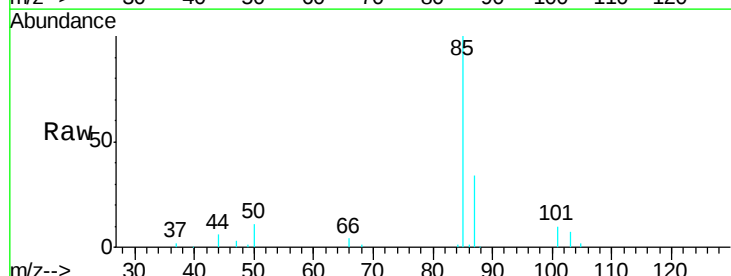
Acq: 29 Oct 2019 12:33

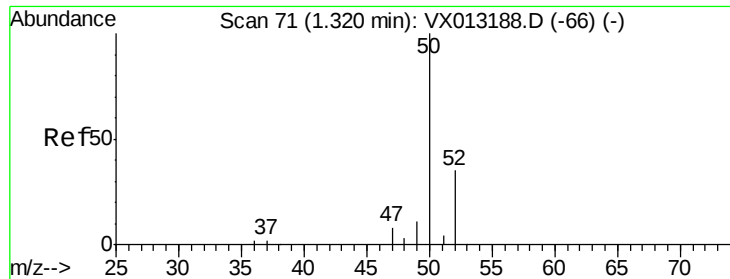
Tgt Ion: 85 Resp: 26556

Ion Ratio Lower Upper

85 100

87 34.5 16.2 48.6





#3

Chloromethane

Concen: 19.198 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBSD01

Tgt Ion: 50 Resp: 22082

Ion Ratio Lower Upper

50 100

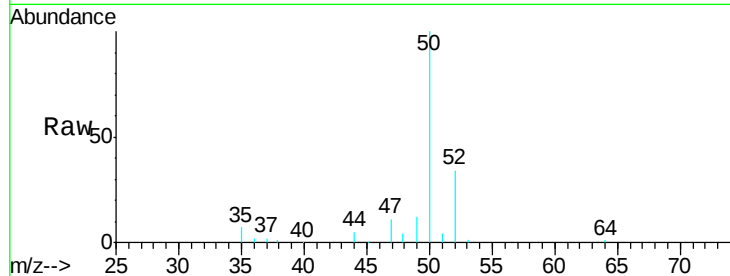
52 34.1 27.8 41.6

Manual Integrations

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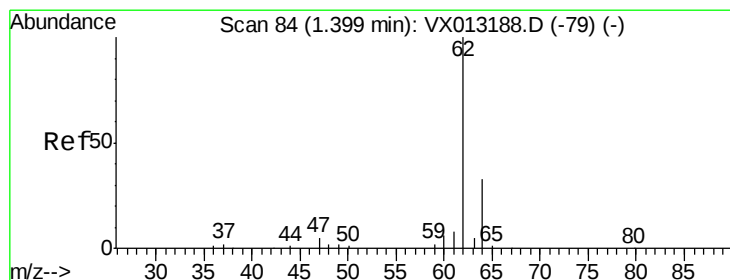
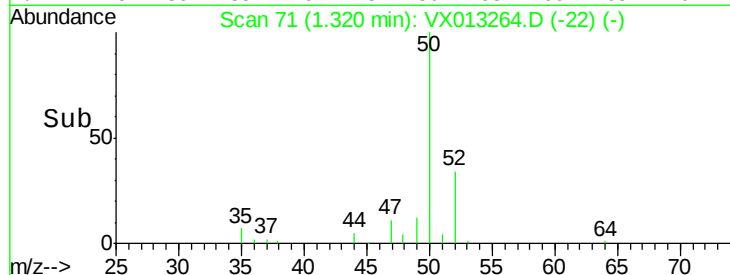
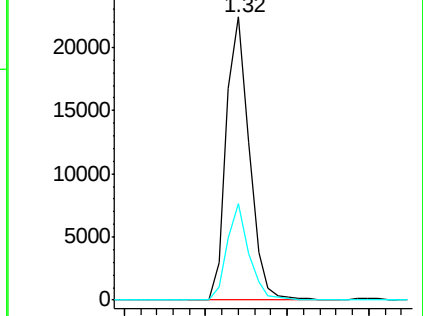
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.628 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013264.D

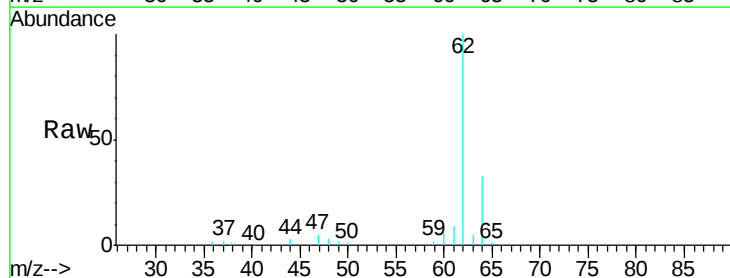
Acq: 29 Oct 2019 12:33

Tgt Ion: 62 Resp: 22889

Ion Ratio Lower Upper

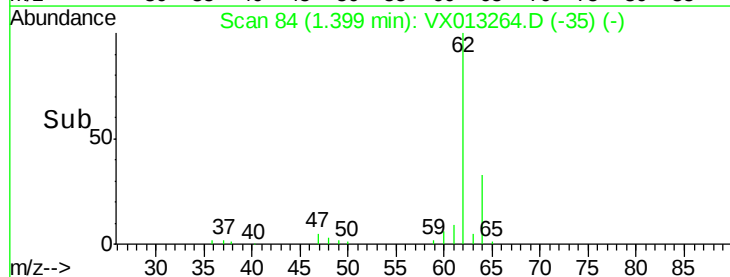
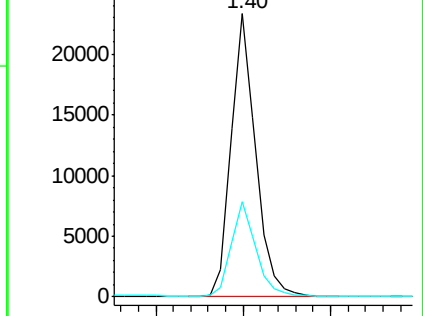
62 100

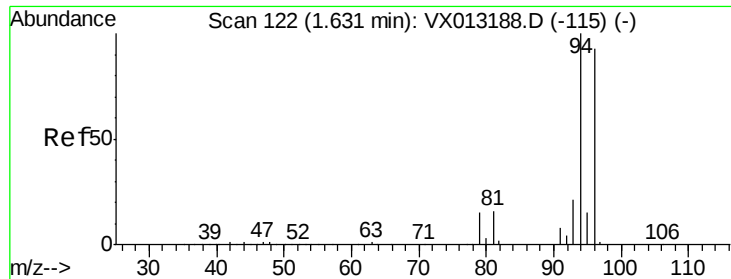
64 33.5 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.844 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBSD01

Tgt Ion: 94 Resp: 15034

Ion Ratio Lower Upper

94 100

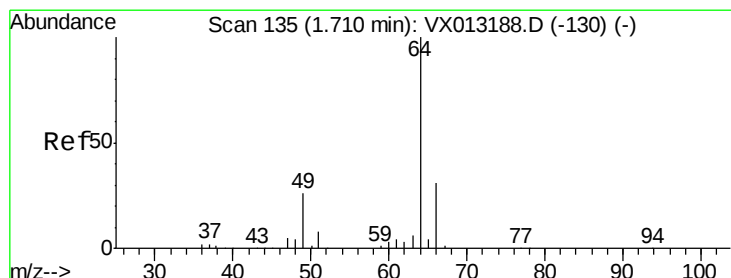
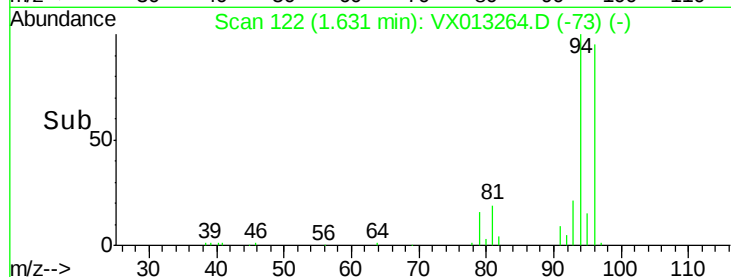
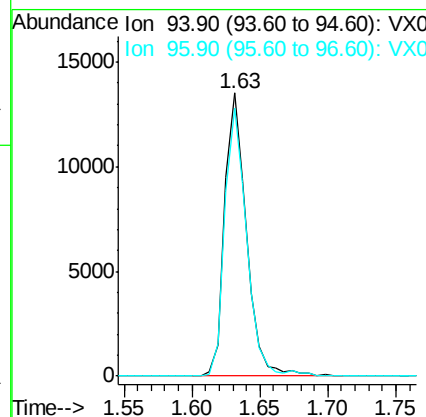
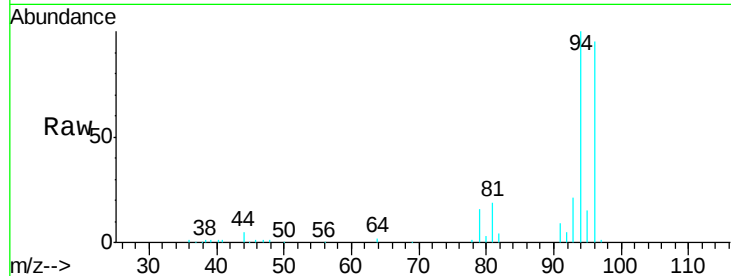
96 94.8 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 19.404 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013264.D

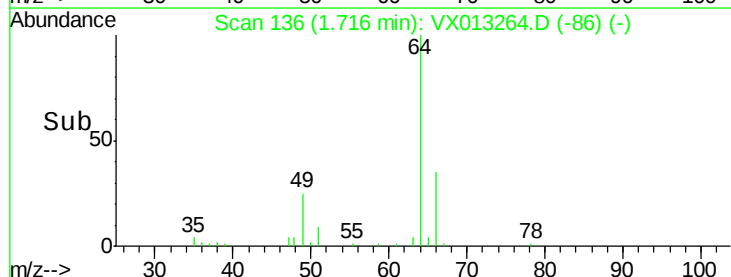
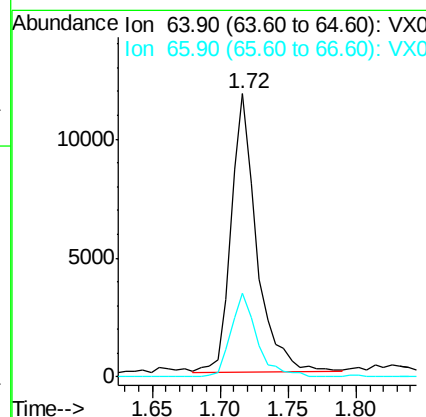
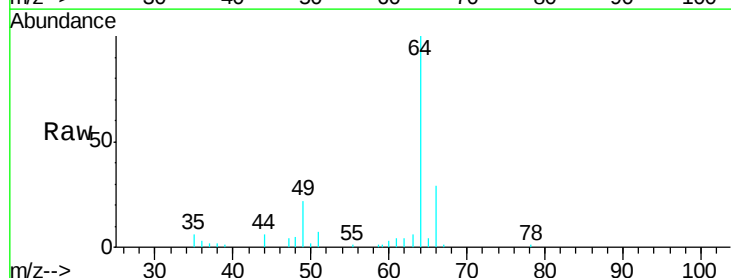
Acq: 29 Oct 2019 12:33

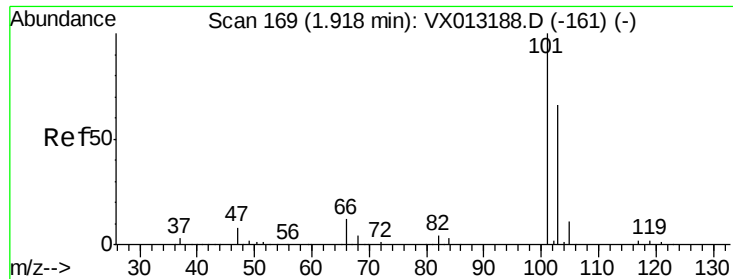
Tgt Ion: 64 Resp: 15237

Ion Ratio Lower Upper

64 100

66 30.1 25.0 37.6





#7

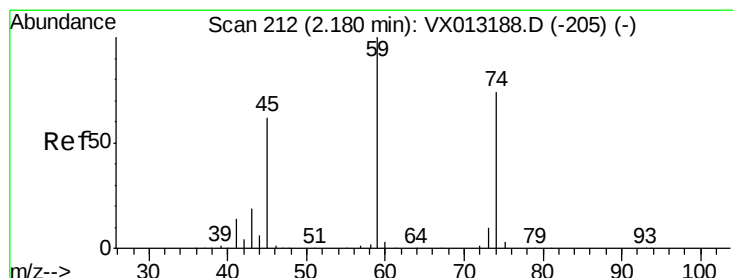
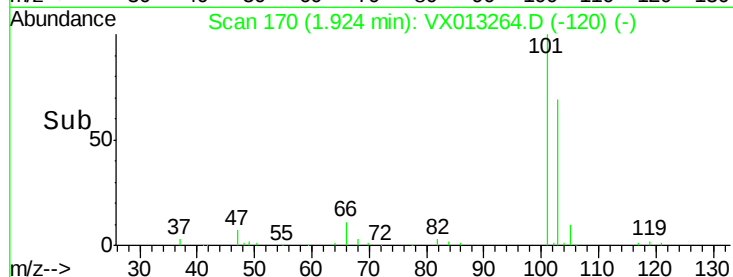
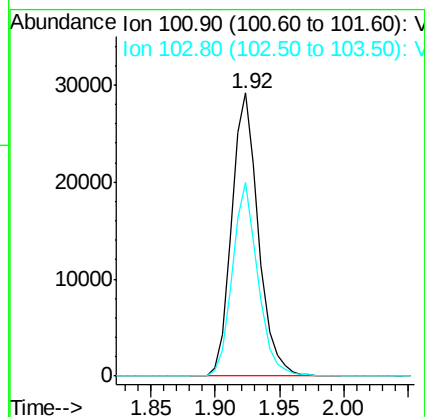
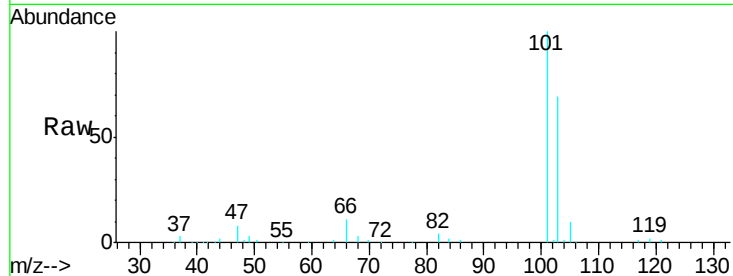
Trichlorofluoromethane
 Concen: 20.843 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD01

Tgt Ion: 101 Resp: 42348
 Ion Ratio Lower Upper
 101 100
 103 68.6 53.0 79.6

Manual Integrations
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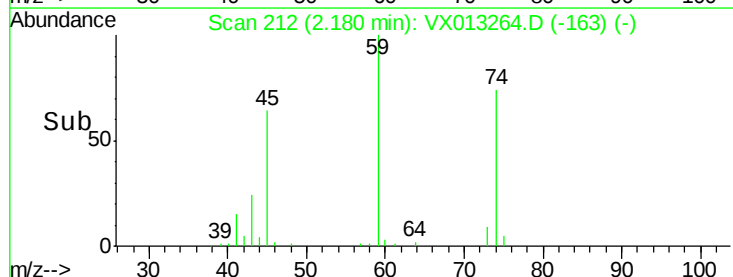
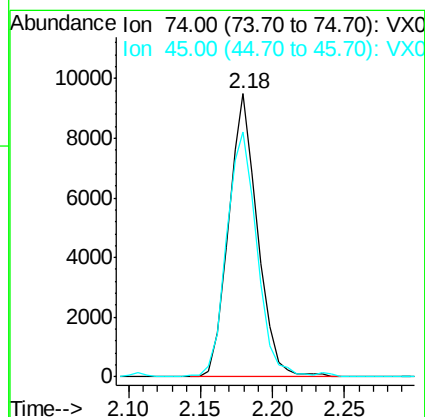
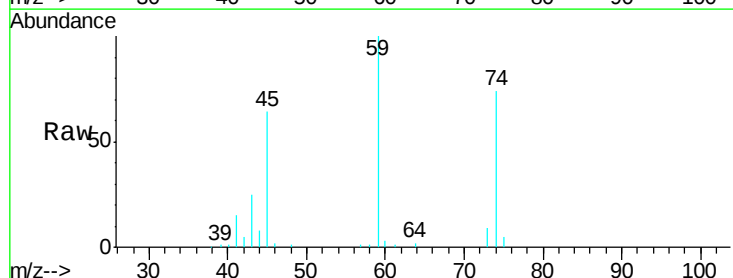
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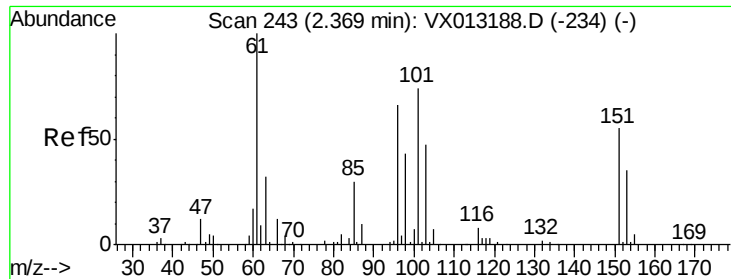


#8

Diethyl Ether
 Concen: 19.078 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Tgt Ion: 74 Resp: 13407
 Ion Ratio Lower Upper
 74 100
 45 91.4 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.306 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

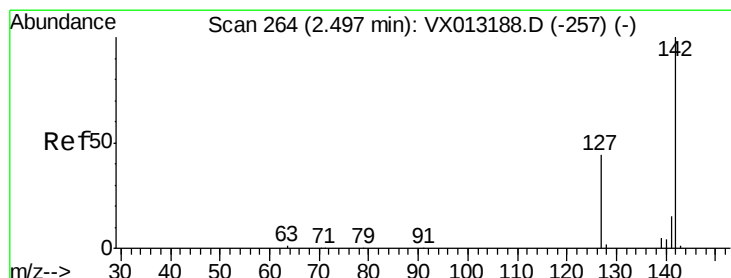
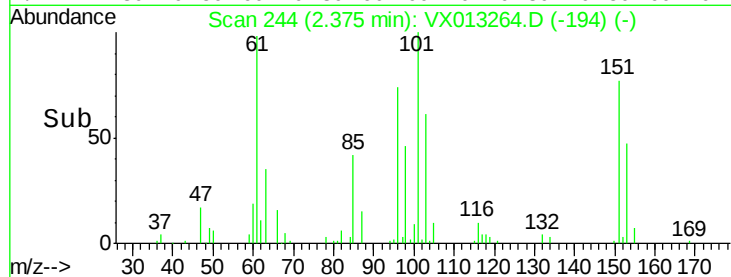
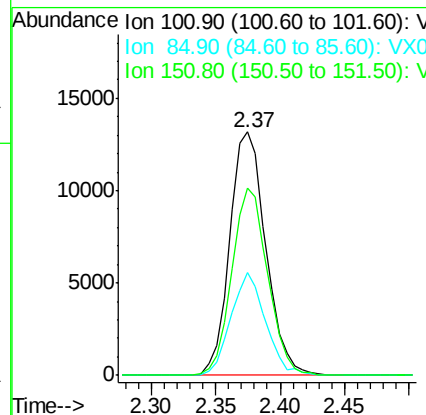
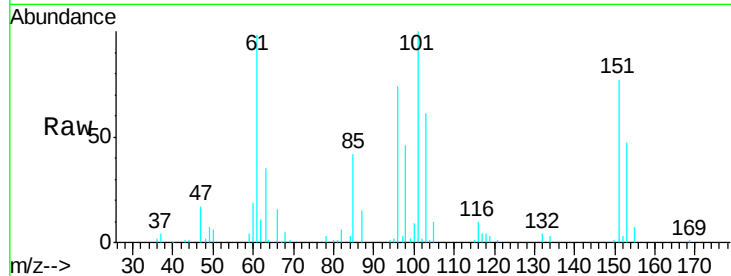
ClientSampleId :

VX1029WBSD01

Tgt Ion:	101	Resp:	25767
Ion Ratio	Lower	Upper	
101	100		
85	40.7	34.0	51.0
151	76.1	62.0	93.0

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#10

Methyl Iodide

Concen: 19.126 ug/l

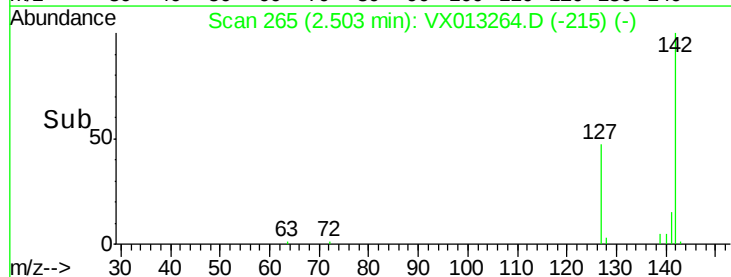
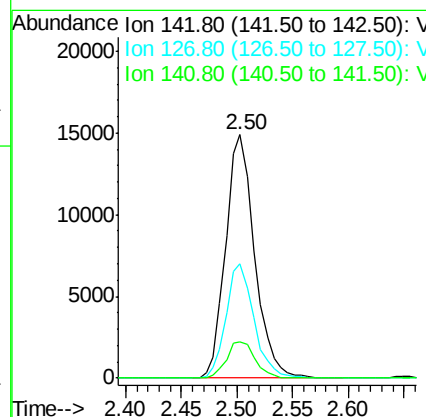
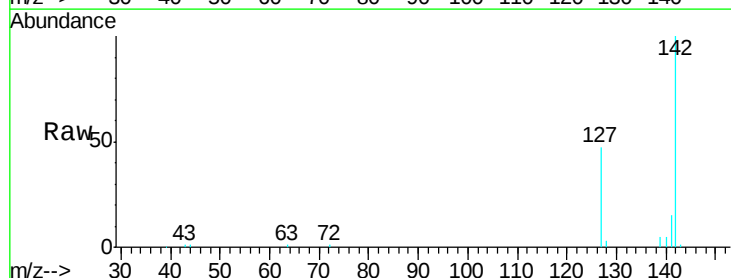
RT: 2.50 min Scan# 265

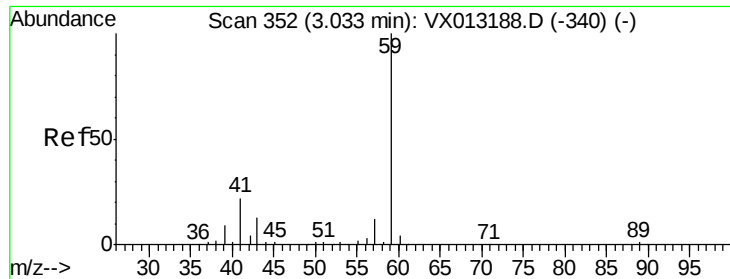
Delta R.T. 0.01 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Tgt Ion:	142	Resp:	26815
Ion Ratio	Lower	Upper	
142	100		
127	45.6	35.6	53.4
141	14.8	11.6	17.4





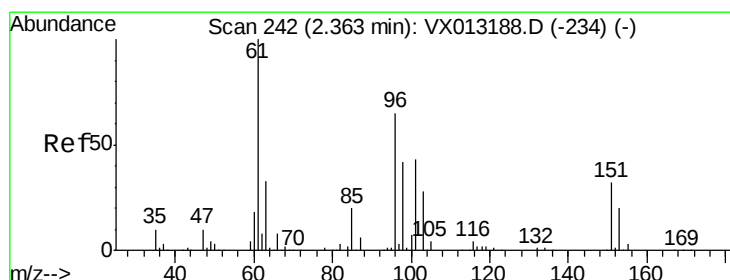
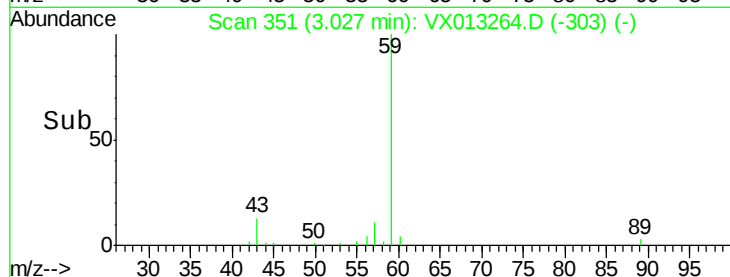
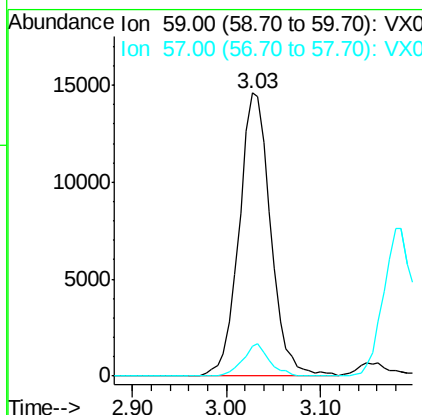
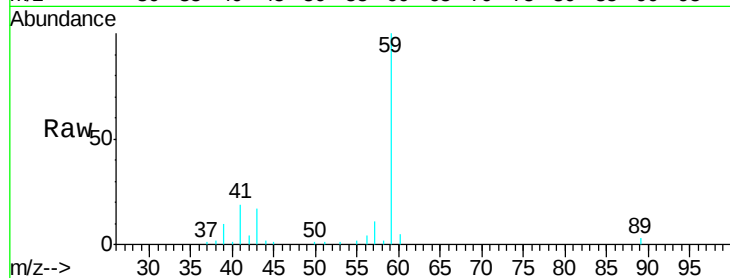
#11
Tert butyl alcohol
Concen: 104.851 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion: 59 Resp: 34219
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4

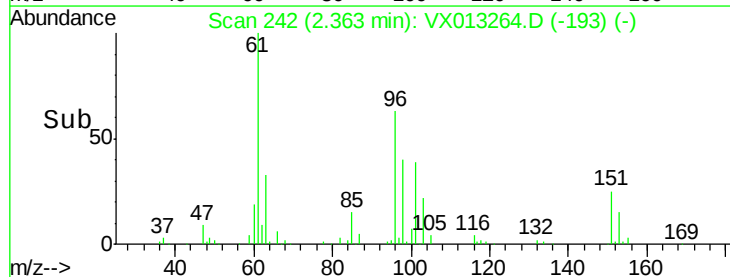
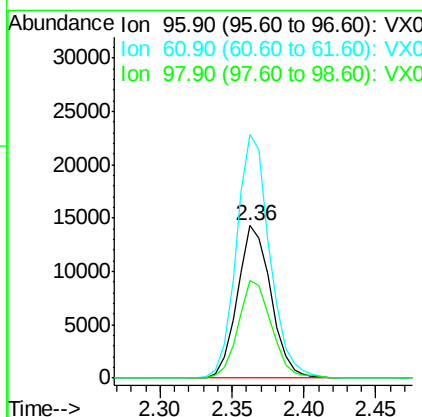
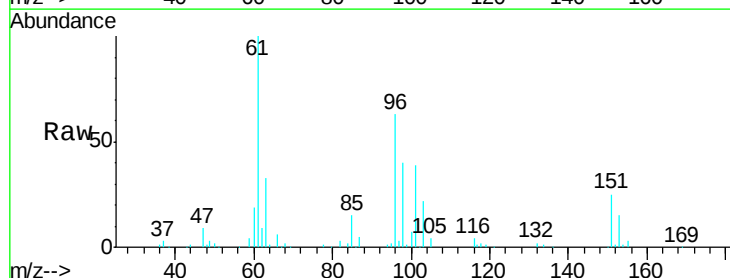
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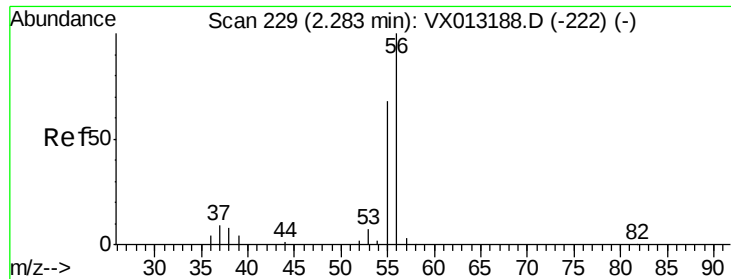
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#12
1,1-Dichloroethene
Concen: 18.945 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion: 96 Resp: 23077
Ion Ratio Lower Upper
96 100
61 159.6 123.8 185.8
98 64.3 51.6 77.4





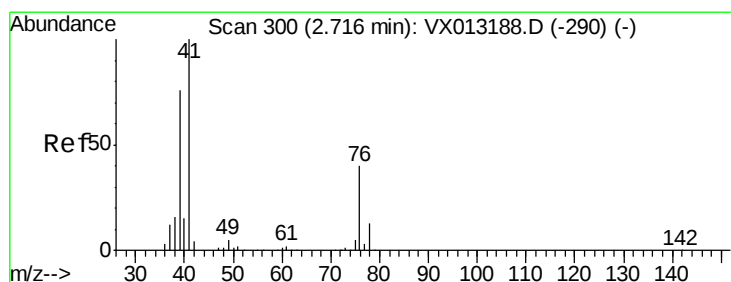
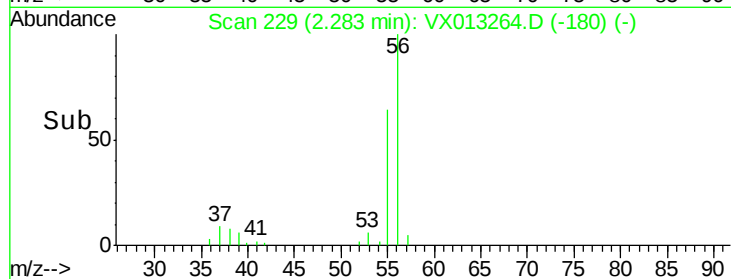
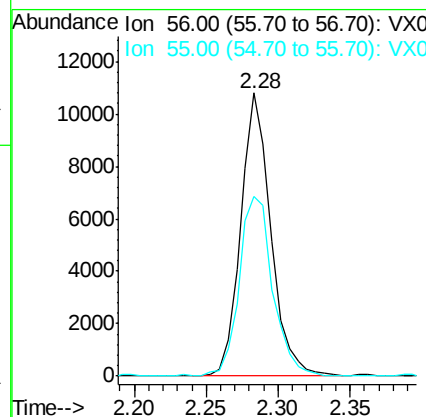
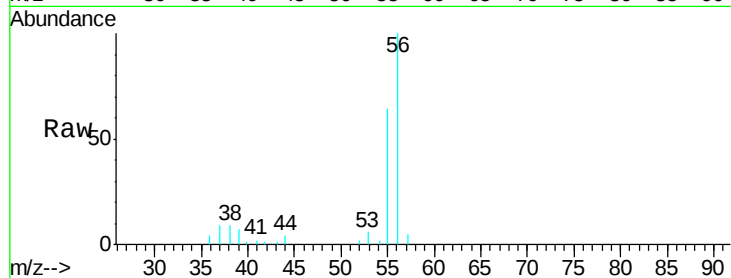
#13
Acrolein
Concen: 89.343 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion: 56 Resp: 15677
Ion Ratio Lower Upper
56 100
55 70.6 58.9 88.3

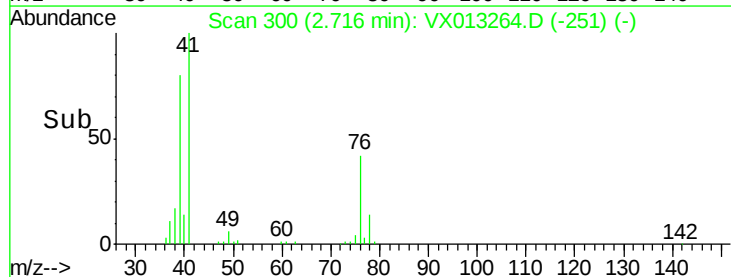
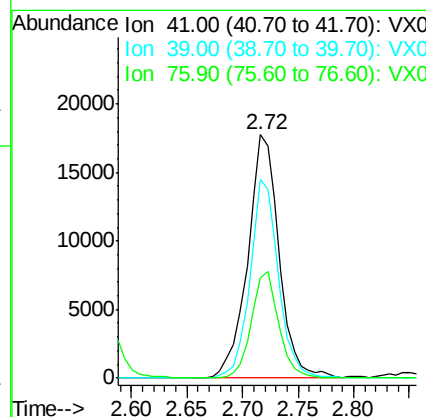
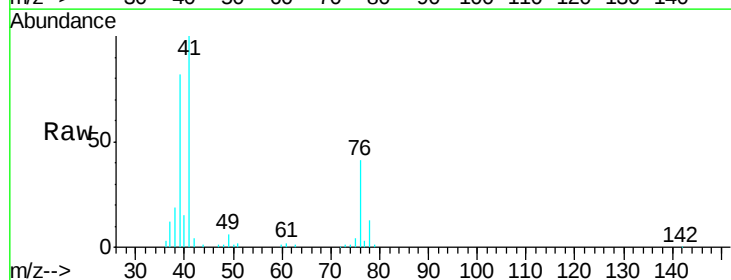
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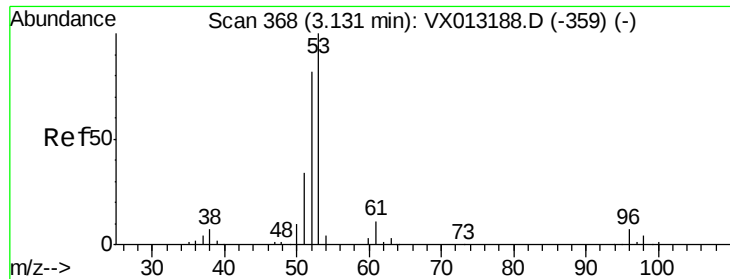
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#14
Allyl chloride
Concen: 18.124 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion: 41 Resp: 34755
Ion Ratio Lower Upper
41 100
39 73.6 54.6 81.8
76 38.0 29.8 44.6





#15

Acrylonitrile

Concen: 96.547 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

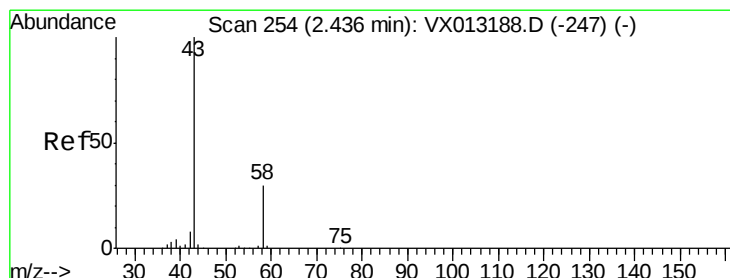
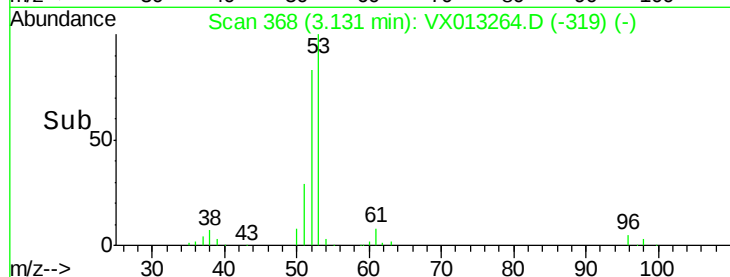
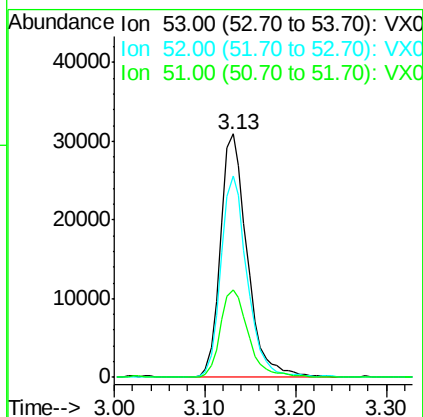
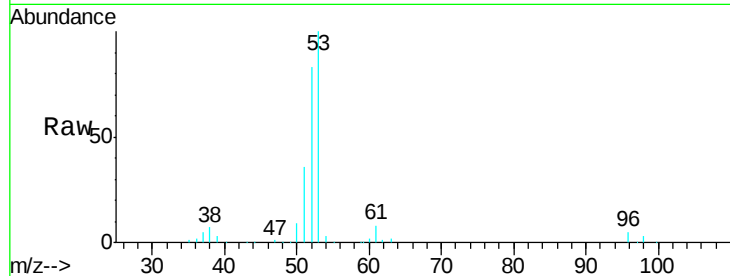
ClientSampleId :

VX1029WBSD01

Tgt Ion:	53	Resp:	63645
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.4	99.6
51	37.6	29.4	44.2

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#16

Acetone

Concen: 99.798 ug/l

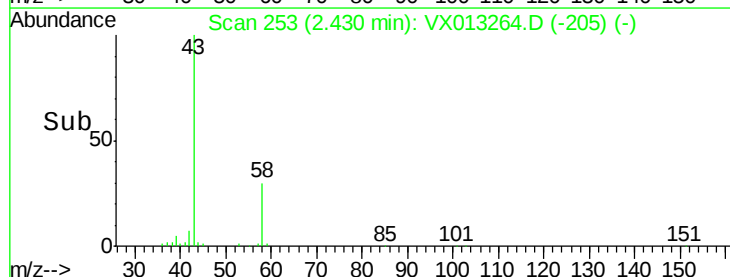
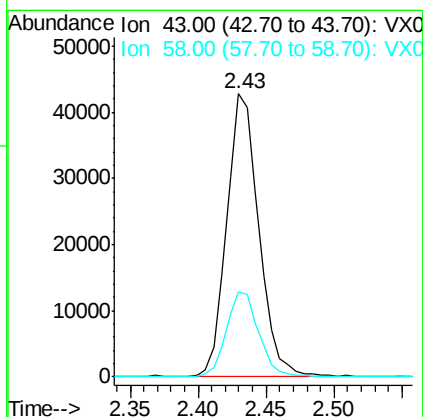
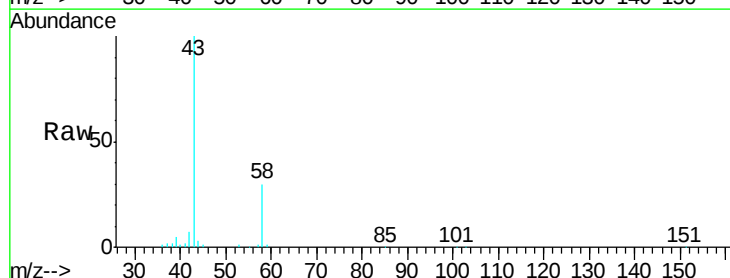
RT: 2.43 min Scan# 253

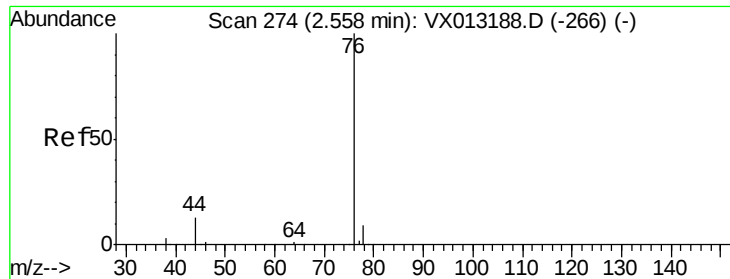
Delta R.T. -0.01 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Tgt Ion:	43	Resp:	70317
Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.8	35.6





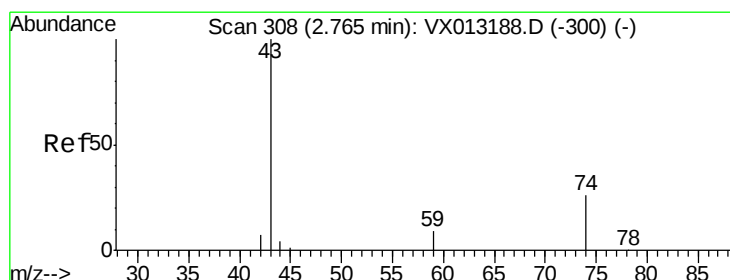
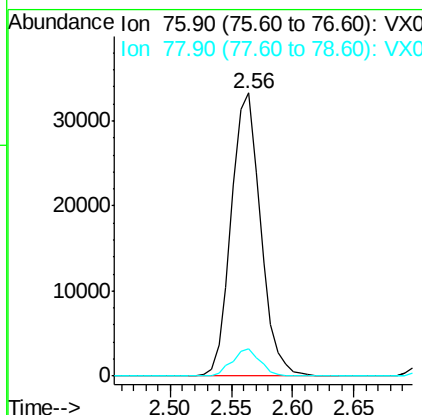
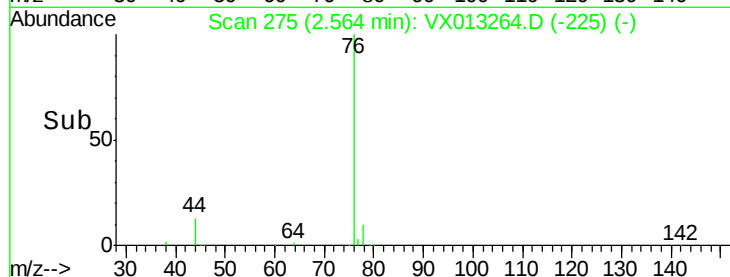
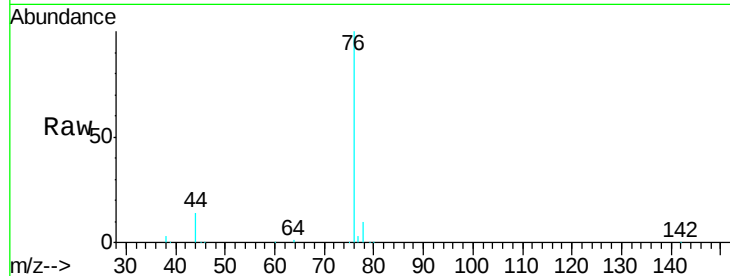
#17
Carbon Disulfide
Concen: 16.883 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion: 76 Resp: 55287
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

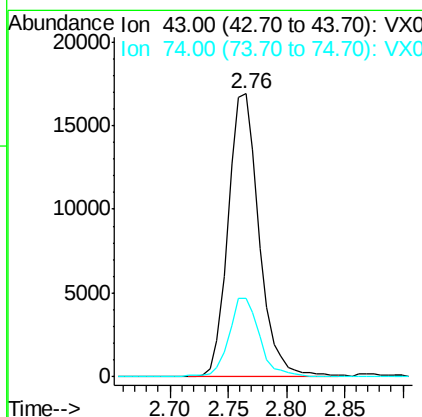
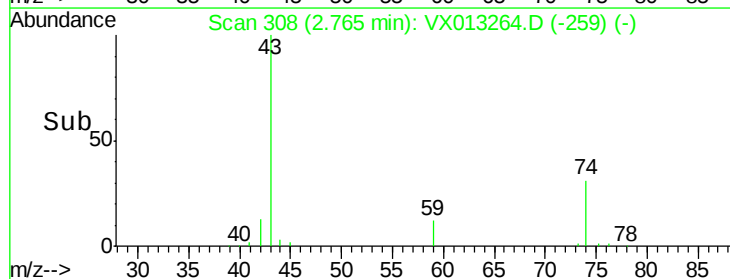
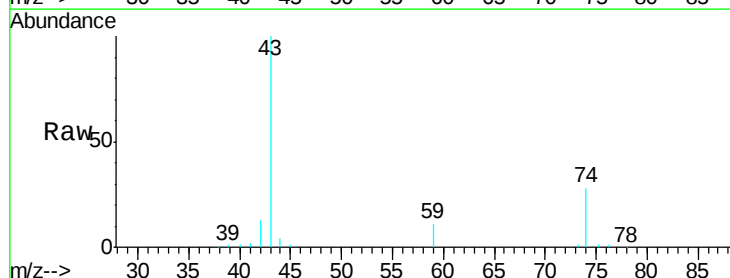
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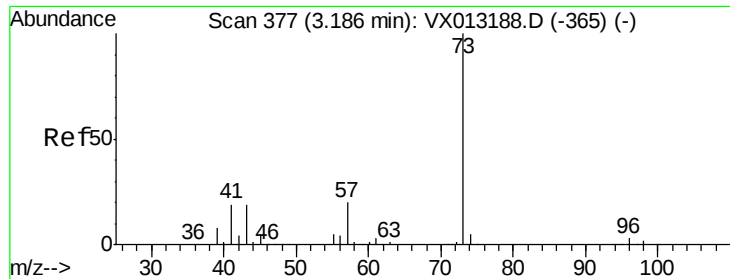
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#18
Methyl Acetate
Concen: 20.921 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion: 43 Resp: 31304
Ion Ratio Lower Upper
43 100
74 27.7 20.9 31.3





#19

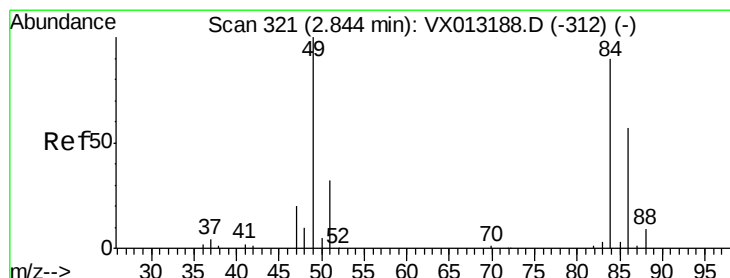
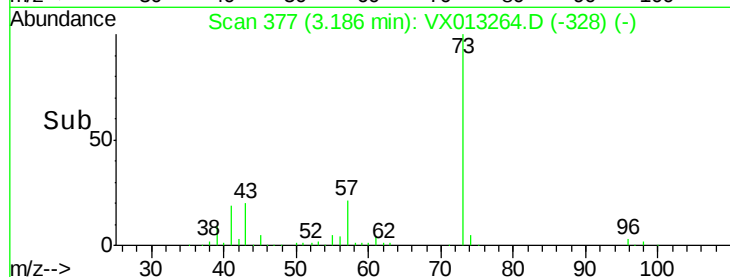
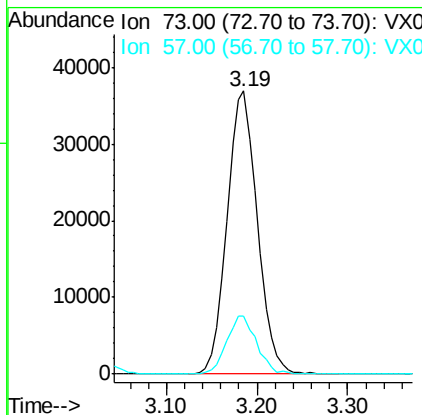
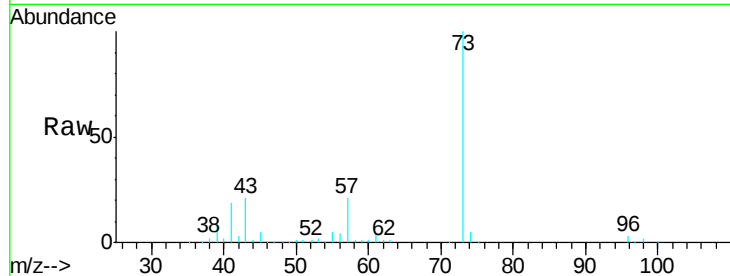
Methyl tert-butyl Ether
 Concen: 19.894 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD01

Tgt Ion: 73 Resp: 85334
 Ion Ratio Lower Upper
 73 100
 57 20.6 15.8 23.8

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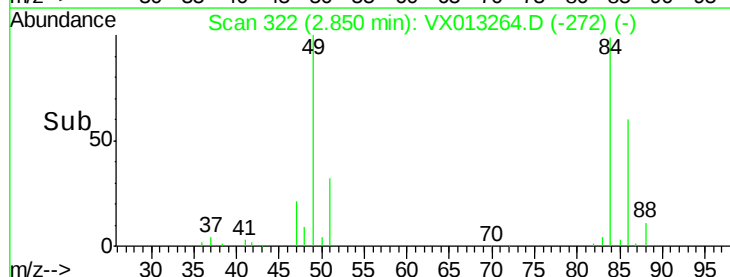
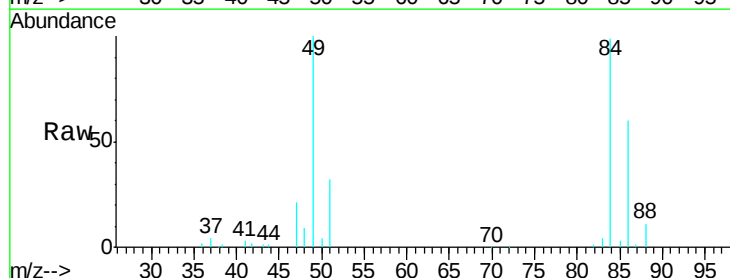
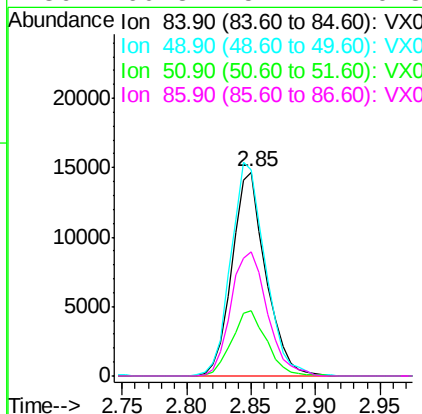
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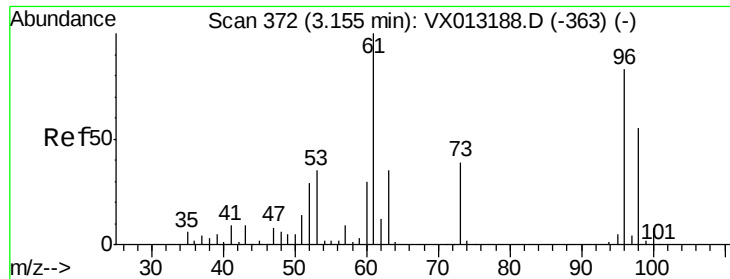


#20

Methylene Chloride
 Concen: 20.513 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Tgt Ion: 84 Resp: 26802
 Ion Ratio Lower Upper
 84 100
 49 101.4 89.2 133.8
 51 32.1 28.8 43.2
 86 60.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.787 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

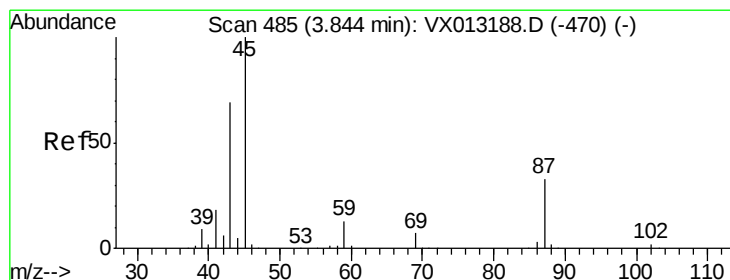
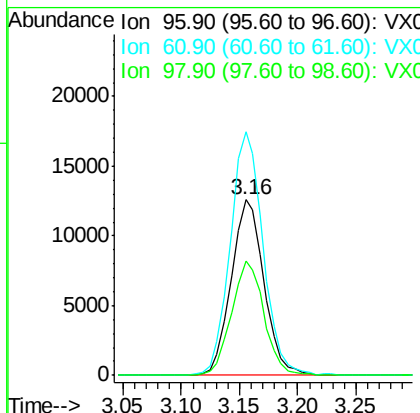
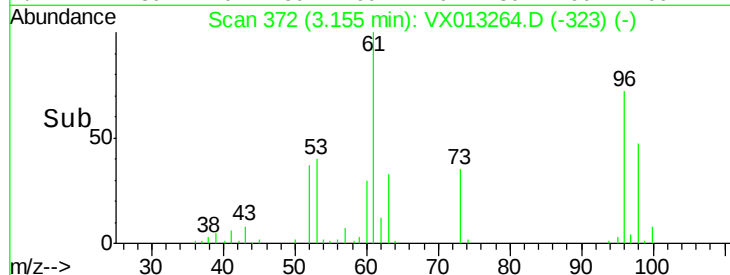
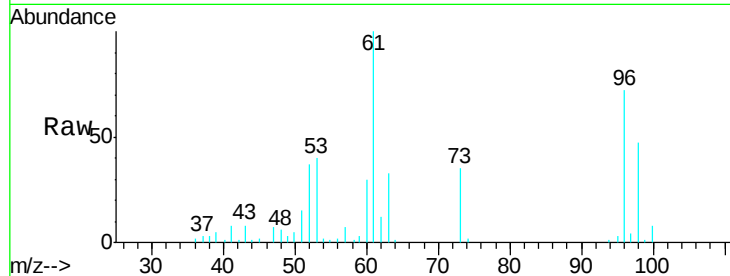
ClientSampleId :

VX1029WBSD01

Tgt Ion:	96	Resp:	24710
Ion	Ratio	Lower	Upper
96	100		
61	138.9	96.9	145.3
98	65.2	53.0	79.4

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#22

Diisopropyl ether

Concen: 19.379 ug/l

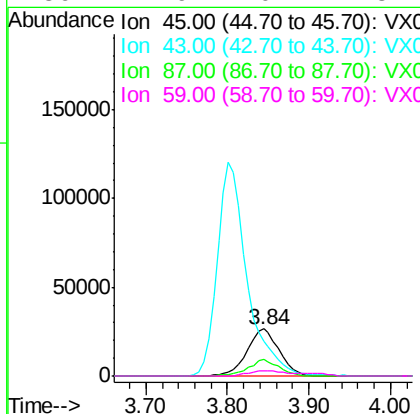
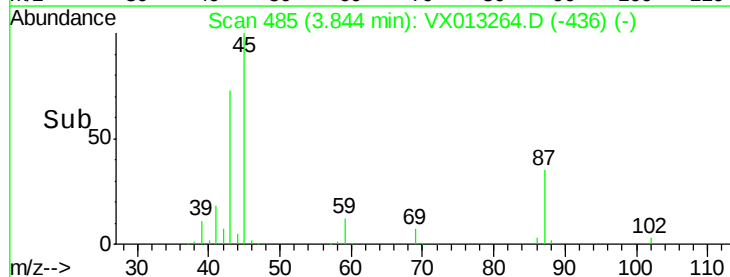
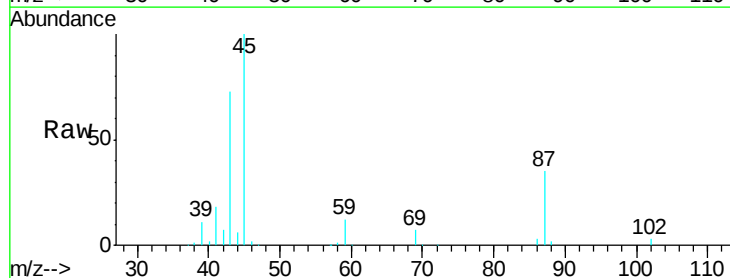
RT: 3.84 min Scan# 485

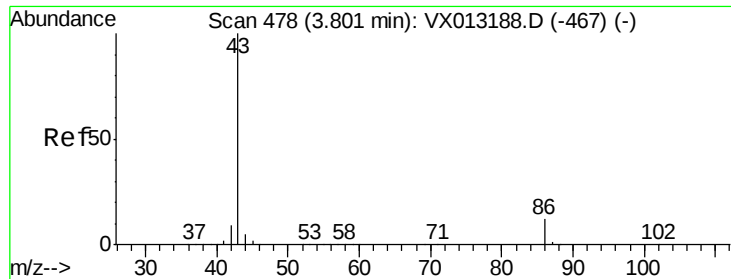
Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Tgt Ion:	45	Resp:	72665
Ion	Ratio	Lower	Upper
45	100		
43	72.3	55.5	83.3
87	34.5	26.7	40.1
59	11.9	10.2	15.2





#23

Vinyl Acetate

Concen: 96.504 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleID :

VX1029WBSD01

Tgt Ion: 43 Resp: 307558

Ion Ratio Lower Upper

43 100

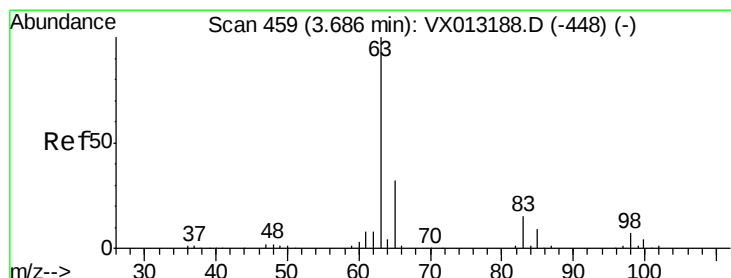
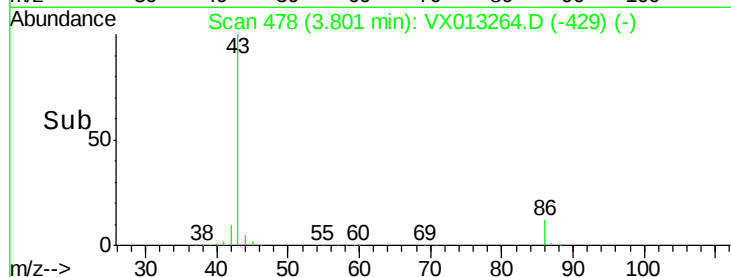
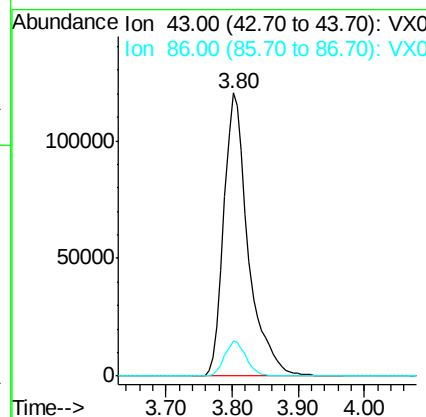
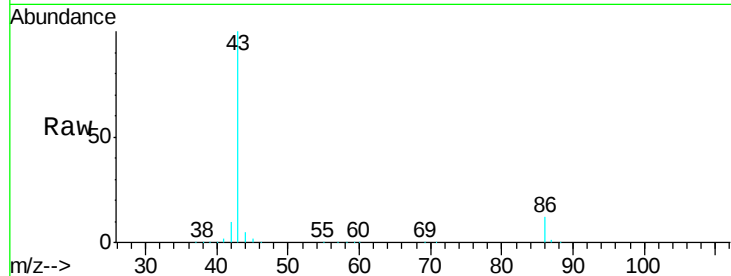
86 12.5 9.7 14.5

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#24

1,1-Dichloroethane

Concen: 19.318 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

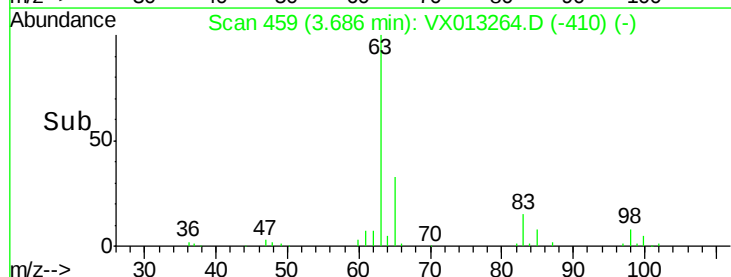
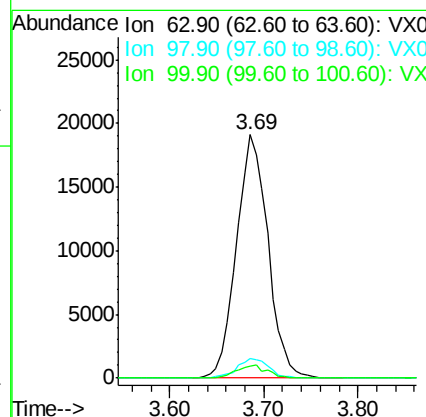
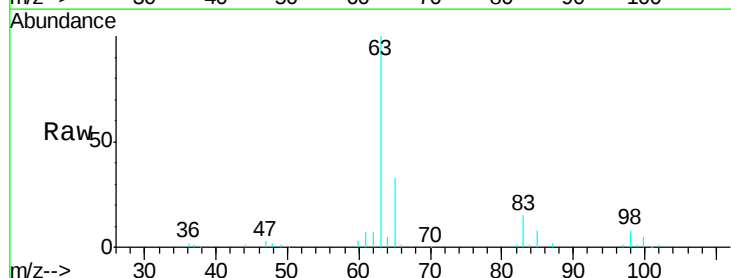
Tgt Ion: 63 Resp: 44554

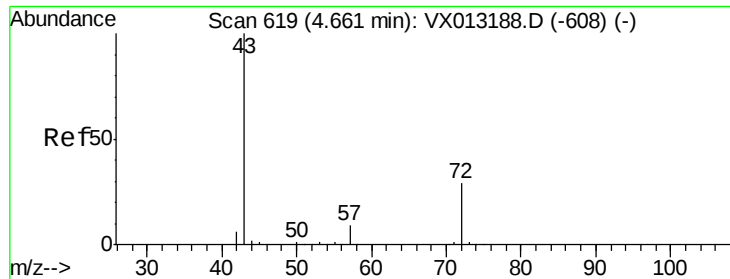
Ion Ratio Lower Upper

63 100

98 8.2 3.8 11.2

100 5.1 2.2 6.6





#25

2-Butanone

Concen: 95.127 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampled :

VX1029WBSD01

Tgt Ion: 43 Resp: 89888

Ion Ratio Lower Upper

43 100

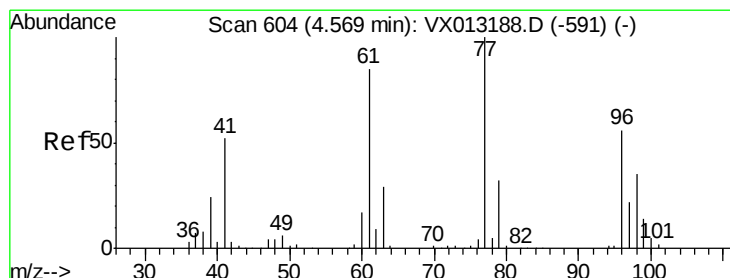
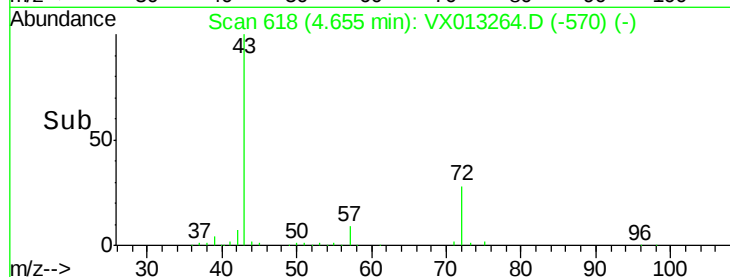
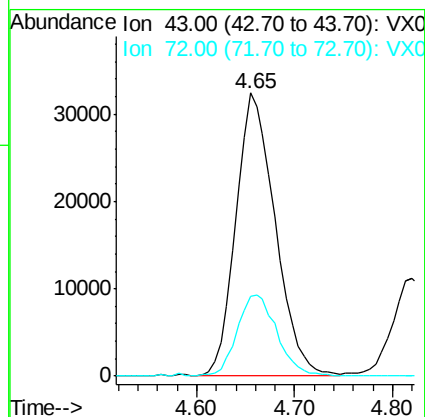
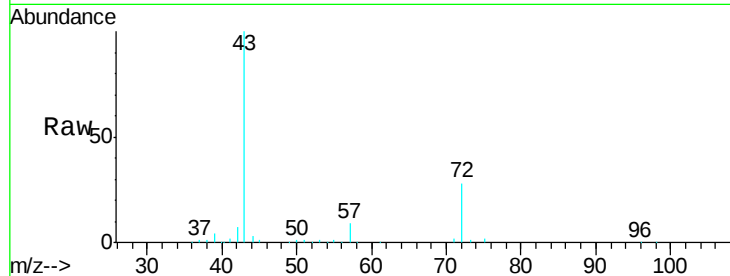
72 28.0 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.006 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013264.D

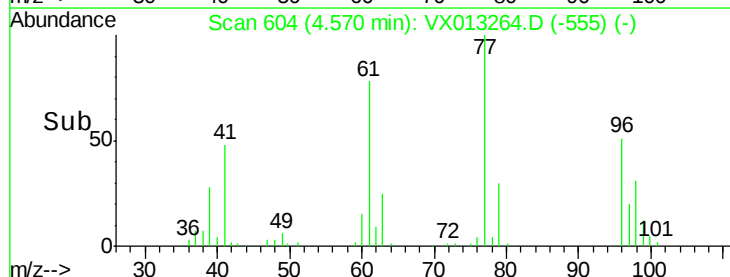
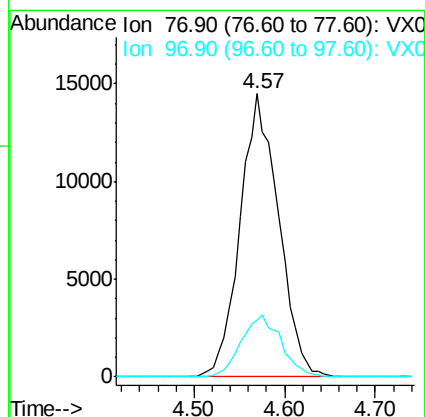
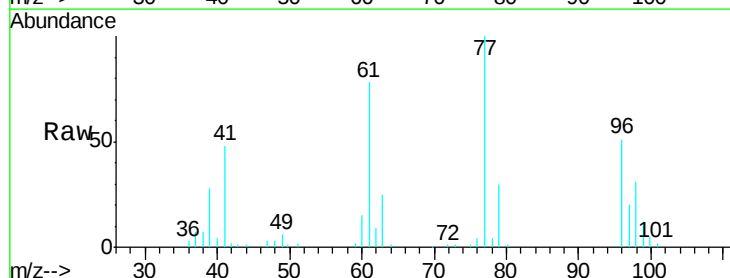
Acq: 29 Oct 2019 12:33

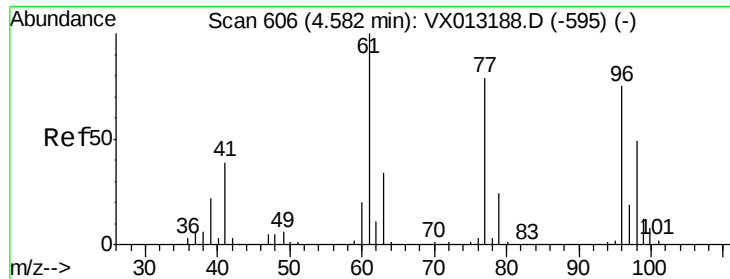
Tgt Ion: 77 Resp: 42642

Ion Ratio Lower Upper

77 100

97 22.5 10.9 32.6





#27

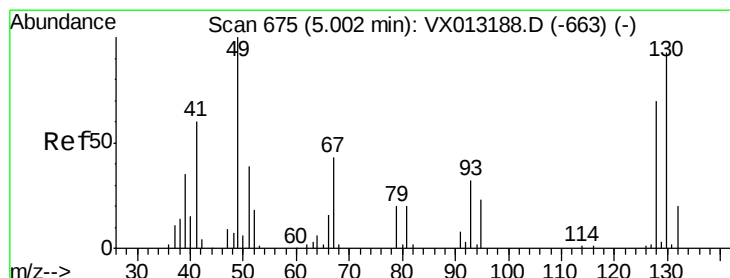
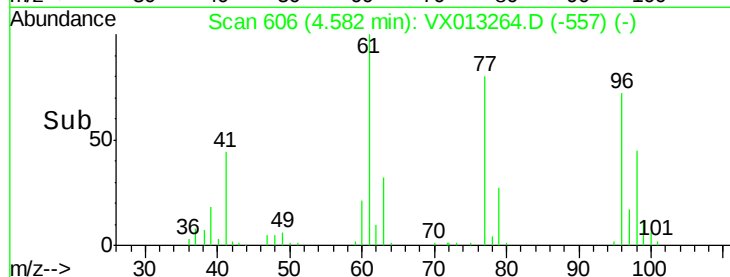
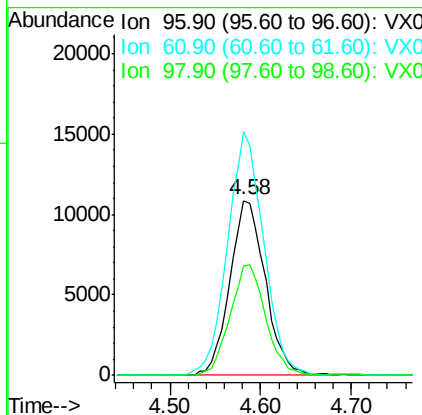
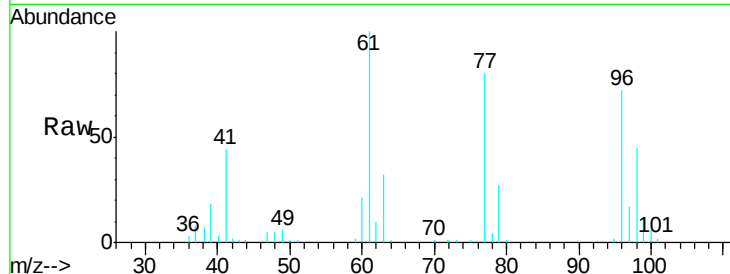
cis-1,2-Dichloroethene
Concen: 19.766 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	290.4
98	63.3	0.0	130.4

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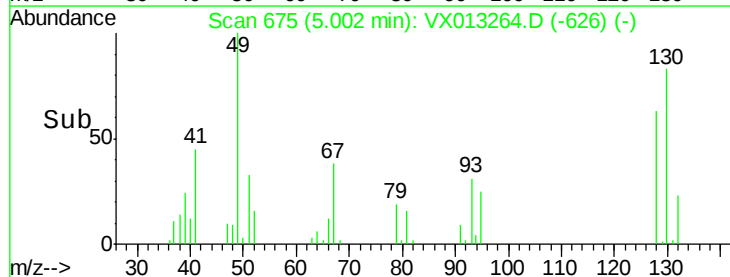
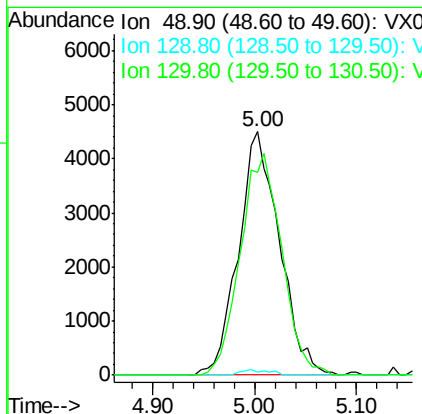
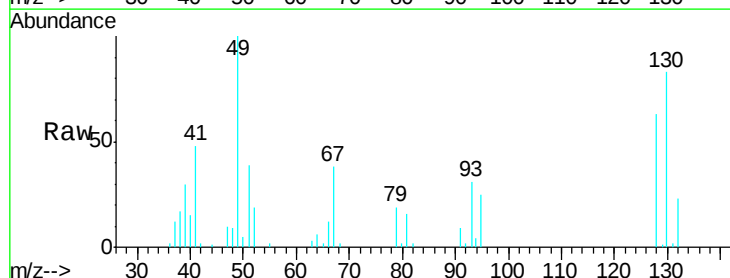
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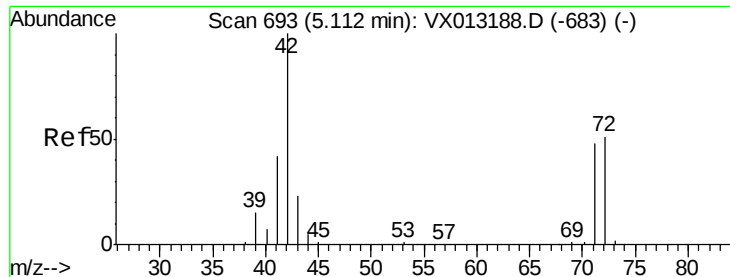


#28

Bromochloromethane
Concen: 21.150 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.8
130	92.0	71.8	107.8





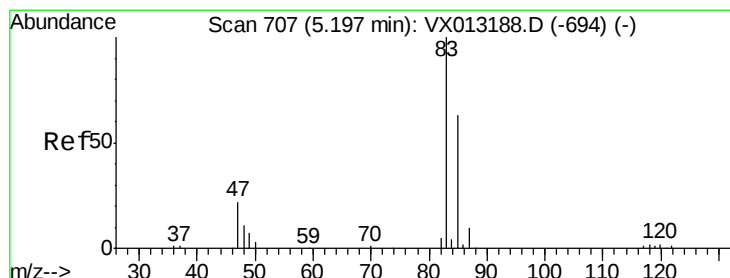
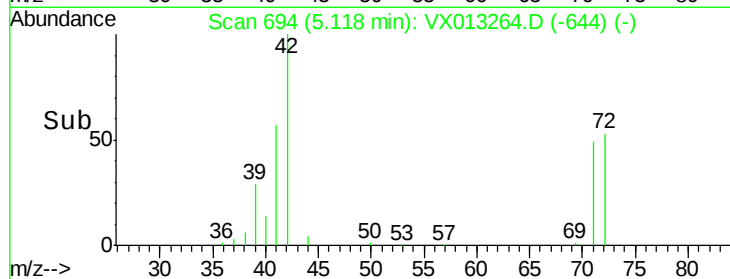
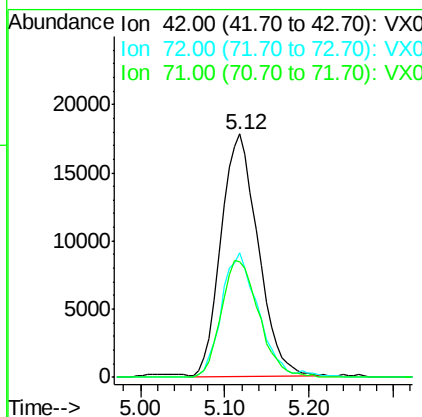
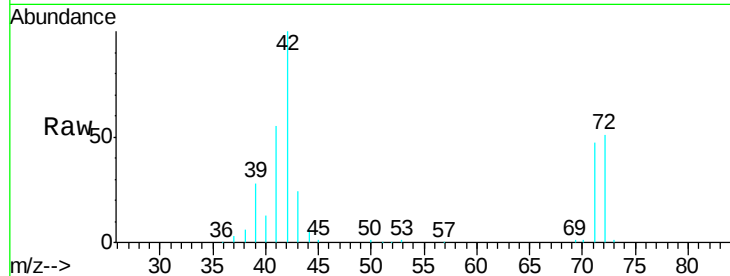
#29
Tetrahydrofuran
Concen: 94.098 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.3	40.9	61.3
71	48.8	38.6	57.8

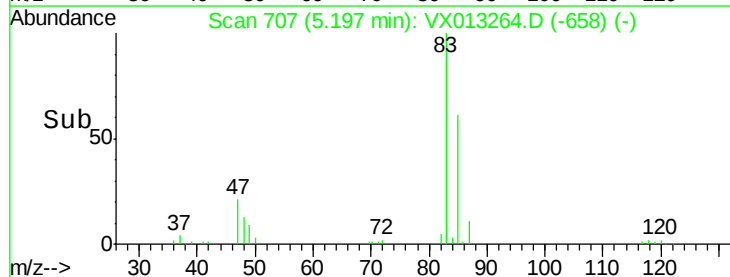
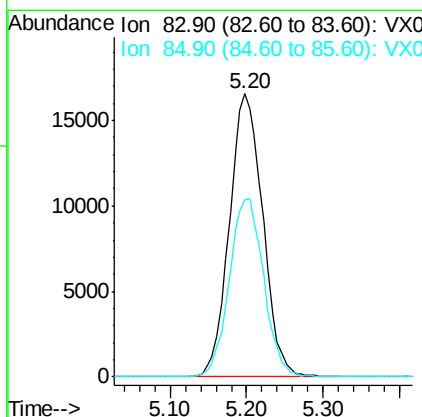
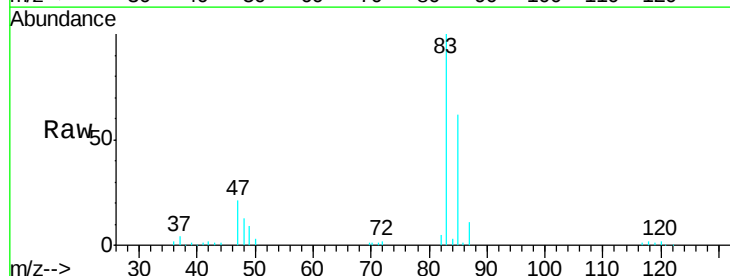
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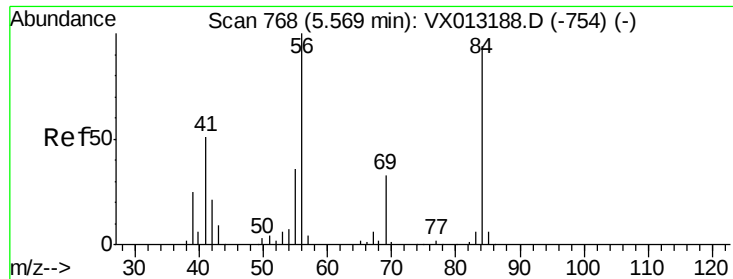
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#30
Chloroform
Concen: 20.285 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.1	75.1





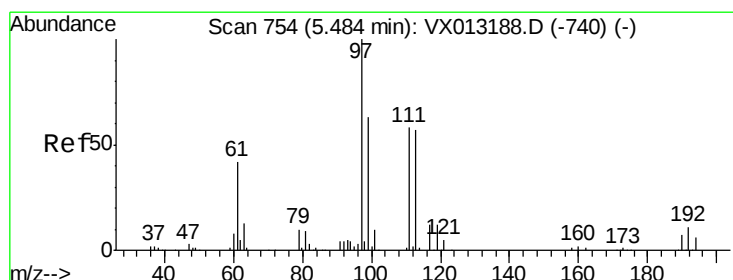
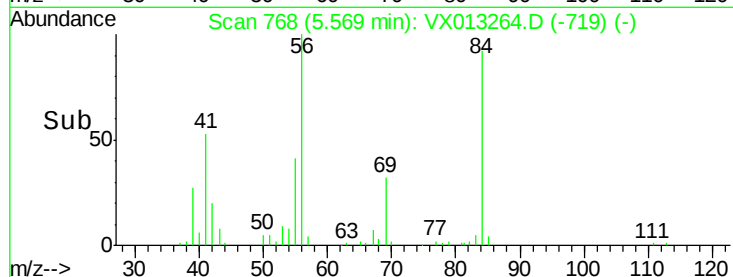
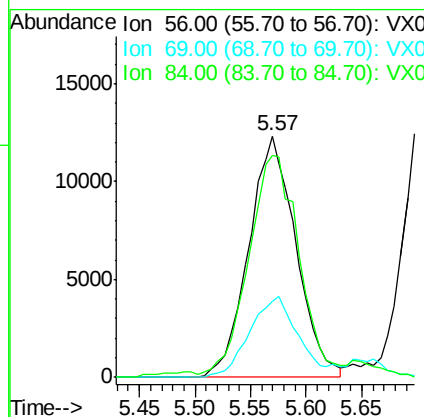
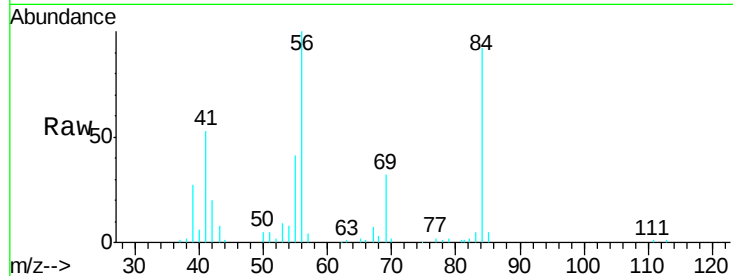
#31
Cyclohexane
Concen: 18.774 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion: 56 Resp: 36312
Ion Ratio Lower Upper
56 100
69 31.7 26.3 39.5
84 89.5 73.8 110.6

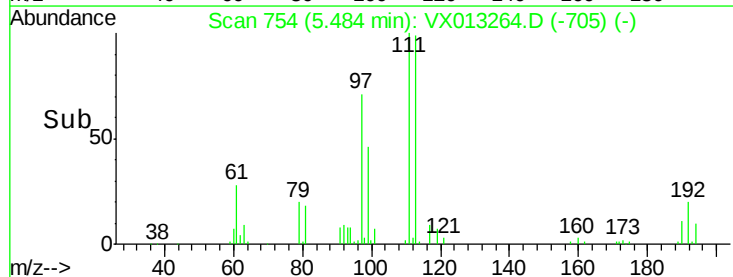
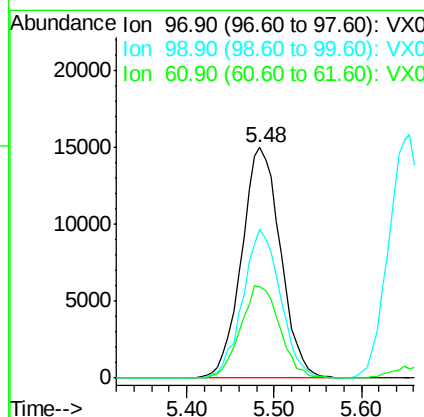
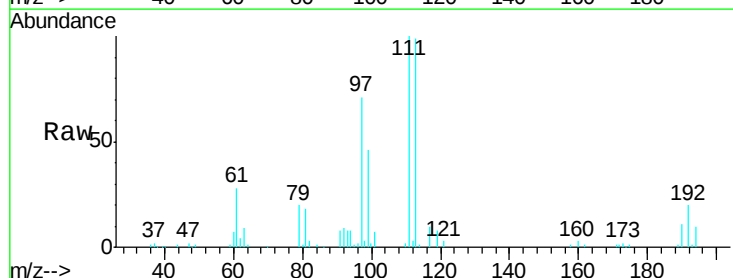
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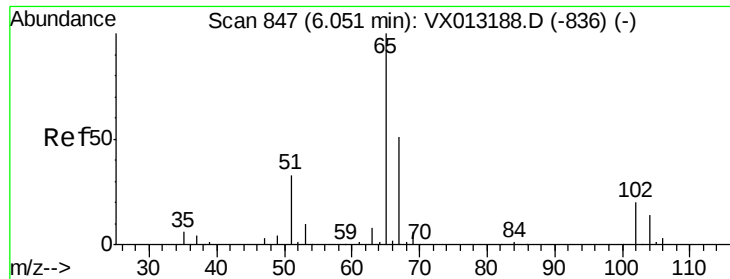
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#32
1,1,1-Trichloroethane
Concen: 21.204 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion: 97 Resp: 46296
Ion Ratio Lower Upper
97 100
99 62.4 50.8 76.2
61 40.2 32.8 49.2





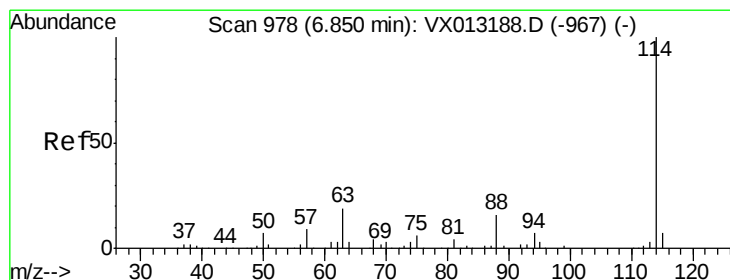
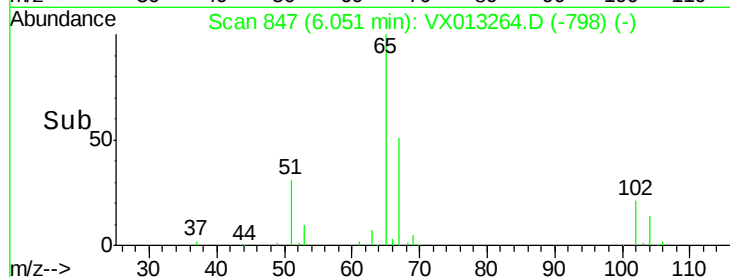
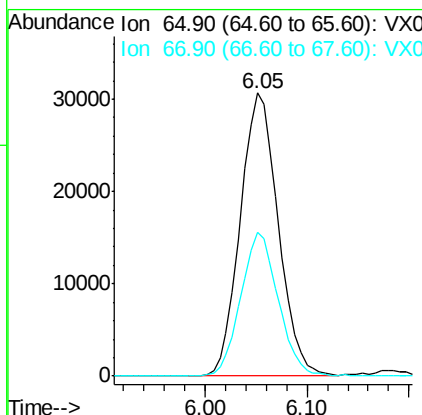
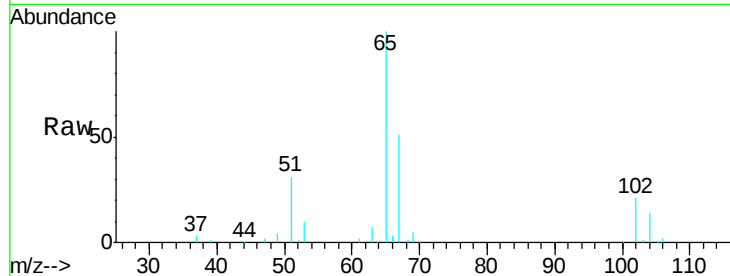
#33
 1,2-Dichloroethane-d4
 Concen: 53.117 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	102.6

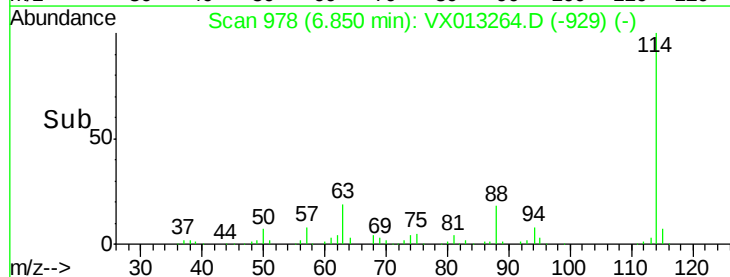
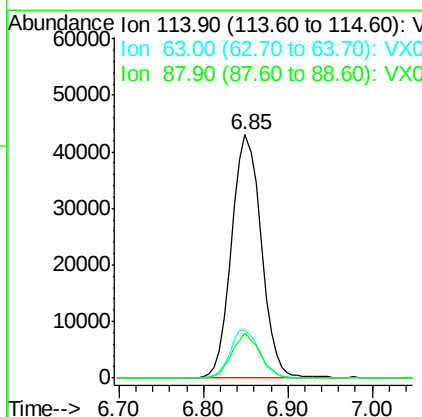
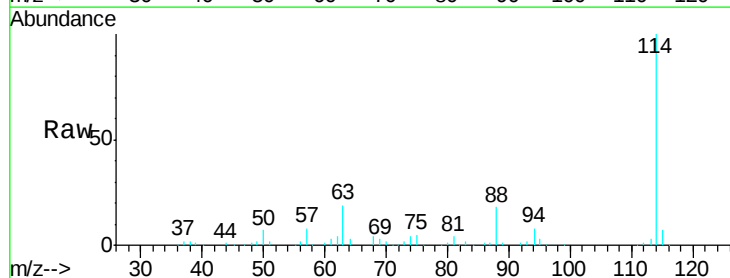
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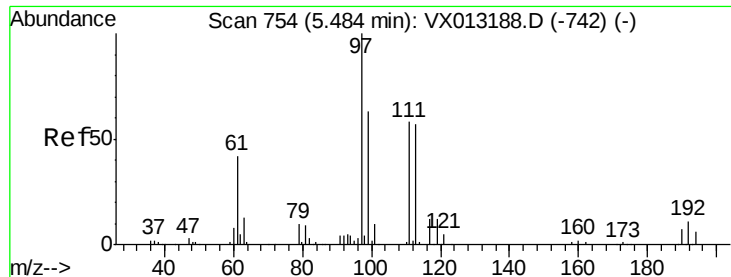
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.0
88	18.5	0.0	32.0





#35

Dibromofluoromethane

Concen: 53.812 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

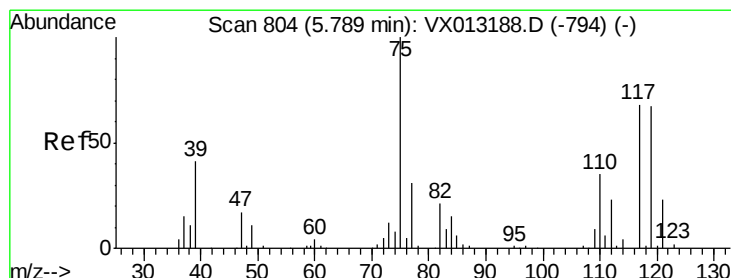
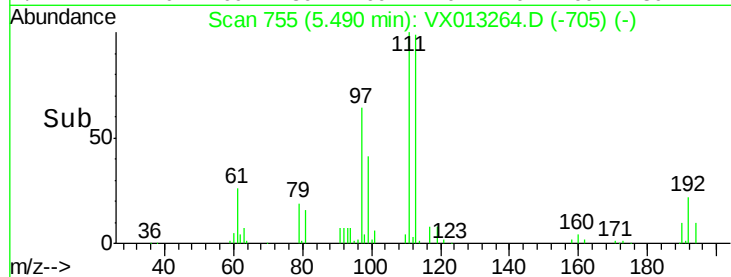
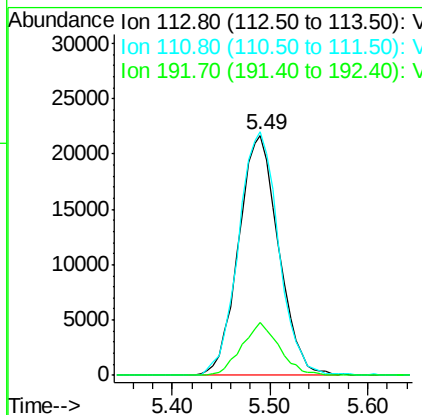
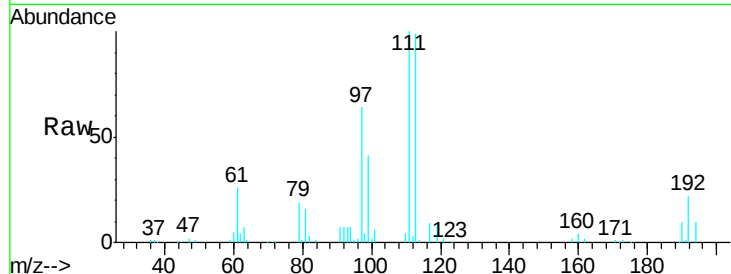
ClientSampleId :

VX1029WBSD01

Tgt Ion:	113	Resp:	61578
Ion Ratio	Lower	Upper	
113	100		
111	102.0	80.3	120.5
192	20.6	15.9	23.9

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#36

1,1-Dichloropropene

Concen: 20.309 ug/l

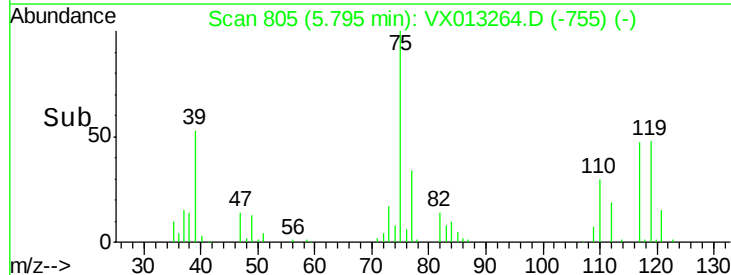
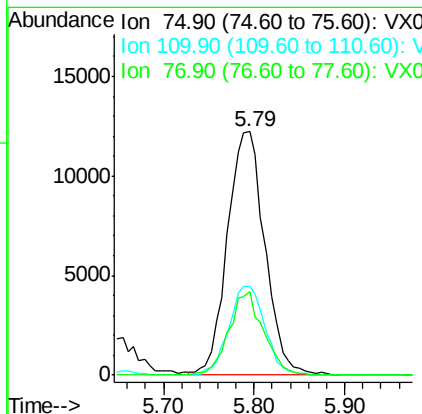
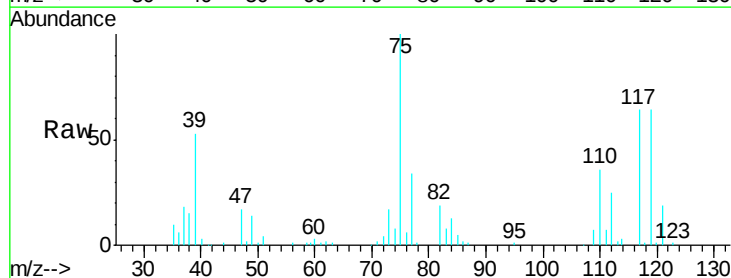
RT: 5.79 min Scan# 805

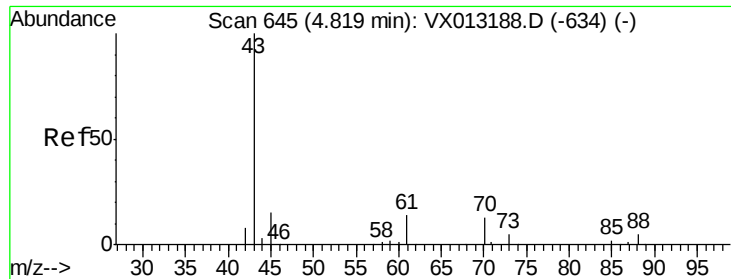
Delta R.T. 0.01 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Tgt Ion:	75	Resp:	34963
Ion Ratio	Lower	Upper	
75	100		
110	35.3	17.6	52.9
77	31.6	24.7	37.1





#37

Ethyl Acetate

Concen: 18.976 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

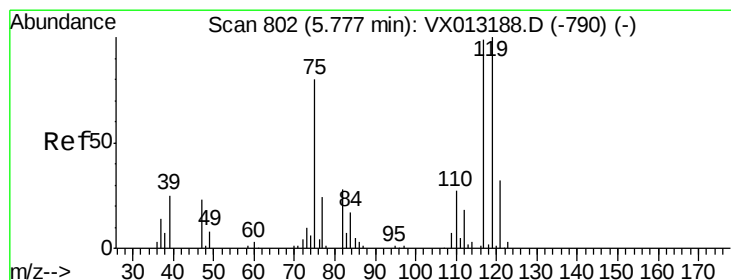
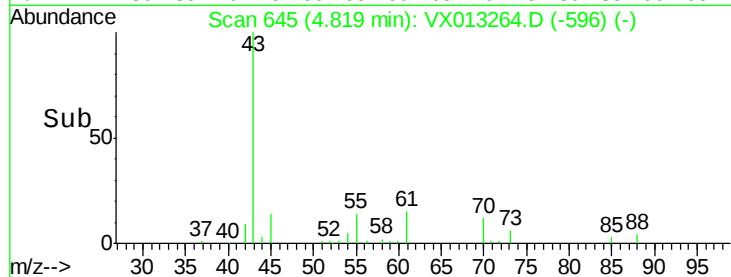
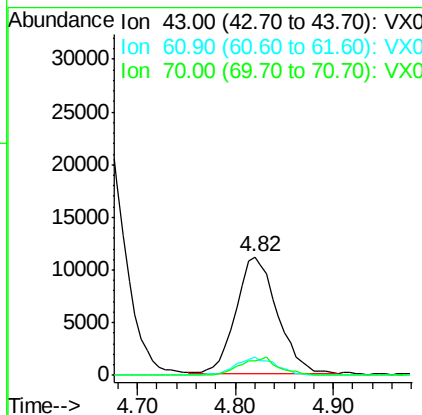
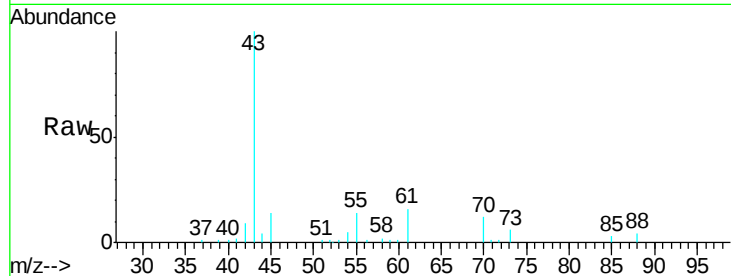
ClientSampleId :

VX1029WBSD01

Tgt Ion:	43	Resp:	32449
Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.1	18.1
70	13.8	10.4	15.6

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#38

Carbon Tetrachloride

Concen: 20.161 ug/l

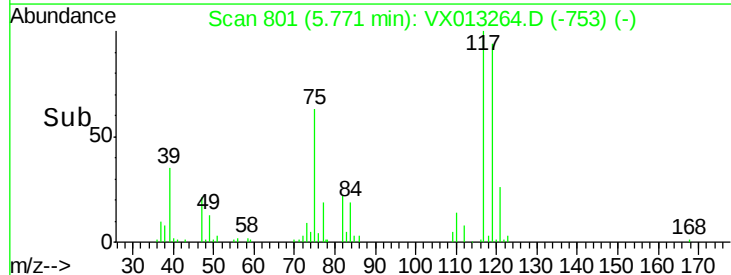
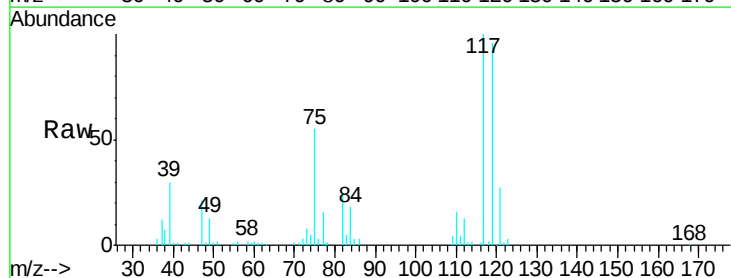
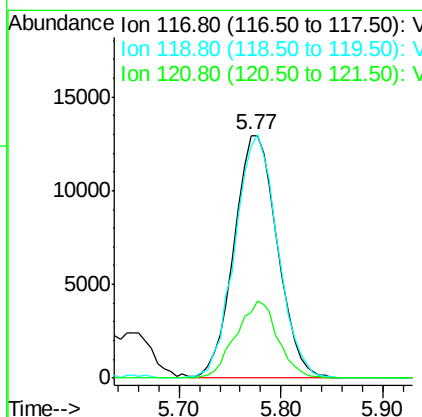
RT: 5.77 min Scan# 801

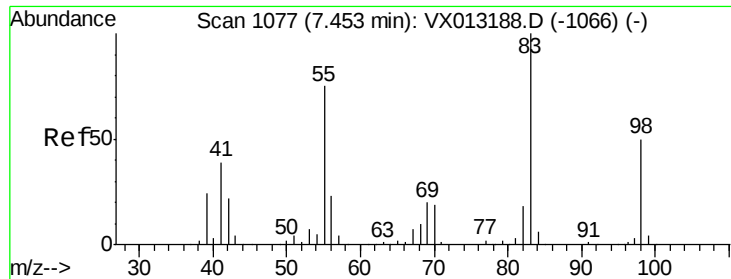
Delta R.T. -0.01 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Tgt Ion:	117	Resp:	38241
Ion	Ratio	Lower	Upper
117	100		
119	95.7	80.1	120.1
121	26.9	25.5	38.3





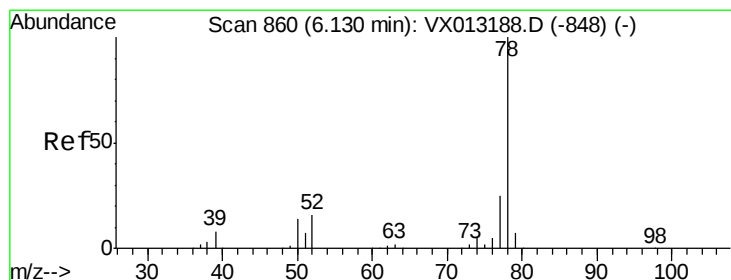
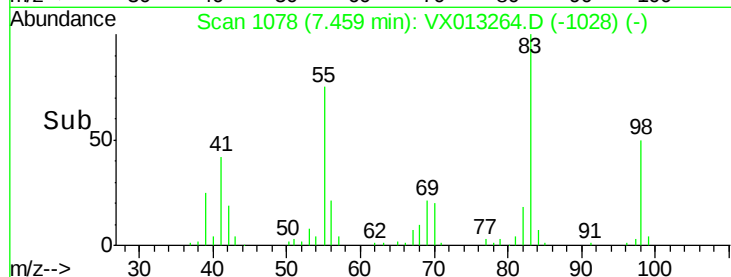
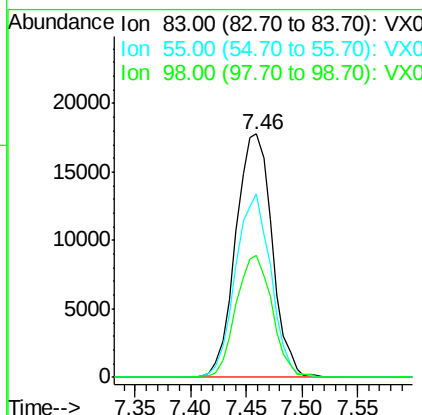
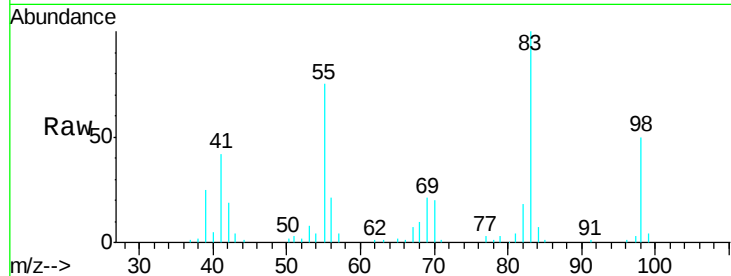
#39
Methylcyclohexane
Concen: 18.346 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.5	60.1	90.1
98	50.1	39.8	59.8

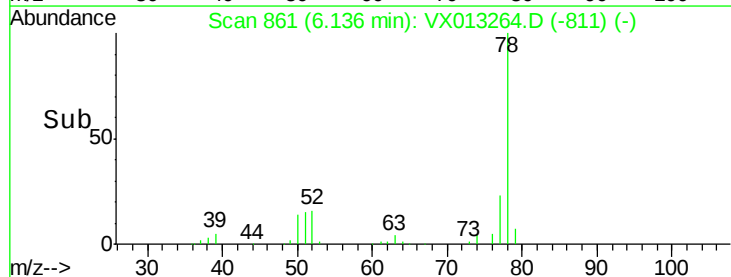
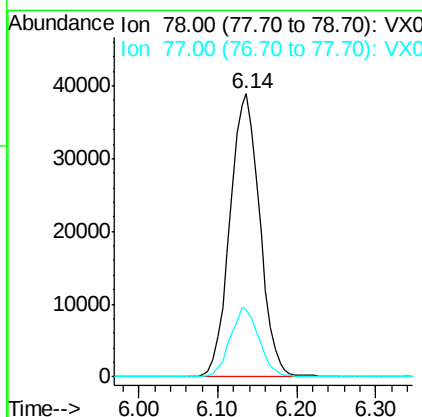
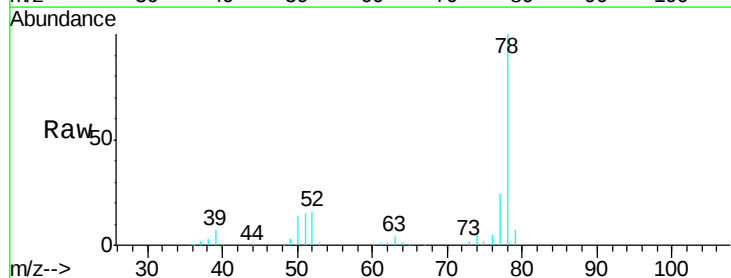
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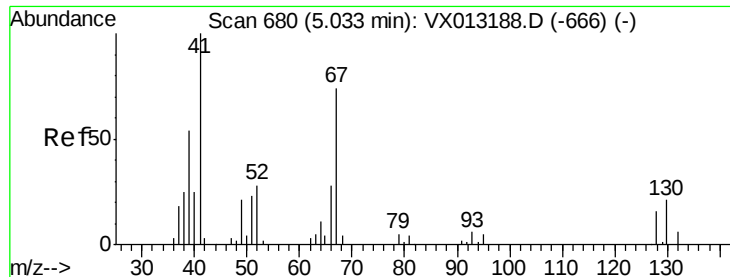
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#40
Benzene
Concen: 19.821 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.6	29.4





#41

Methacrylonitrile

Concen: 20.419 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

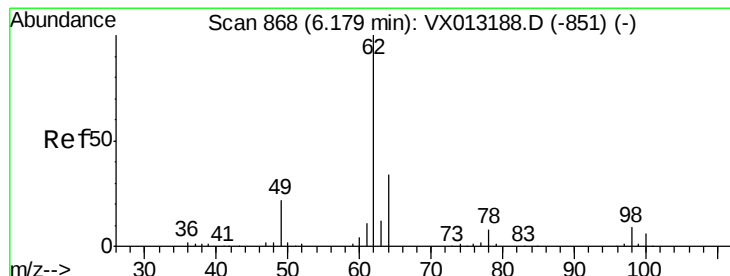
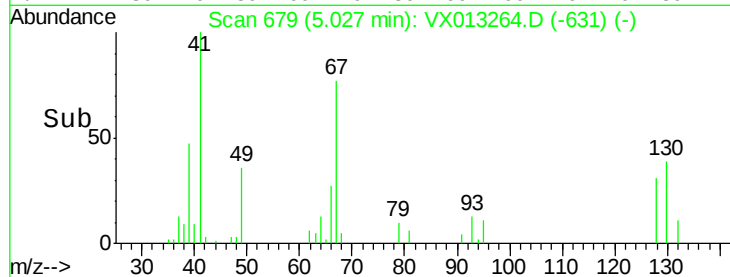
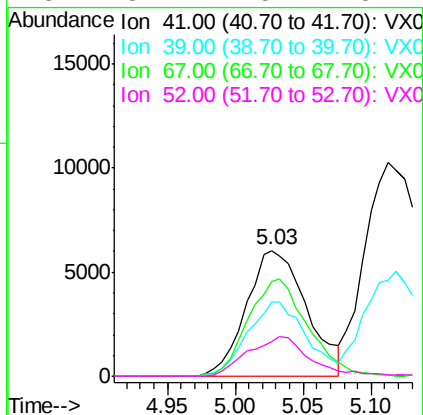
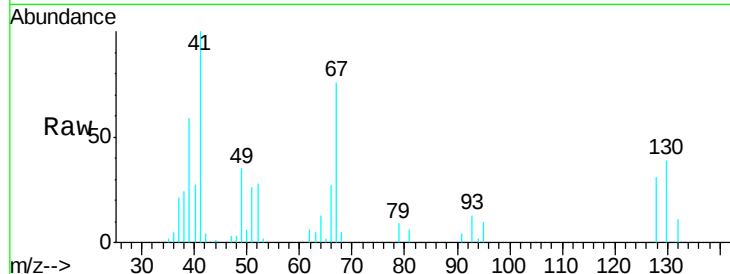
ClientSampleId :

VX1029WBSD01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.6	45.2	67.8	
67	76.2	61.3	91.9	
52	32.4	25.1	37.7	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 21.633 ug/l

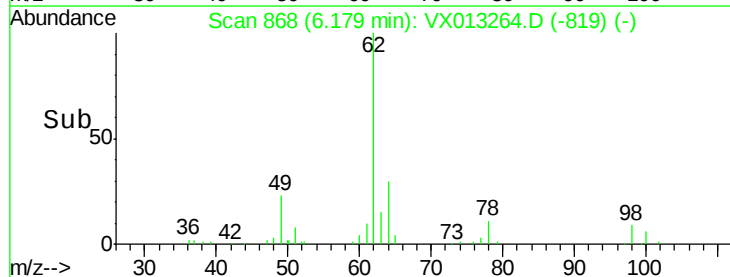
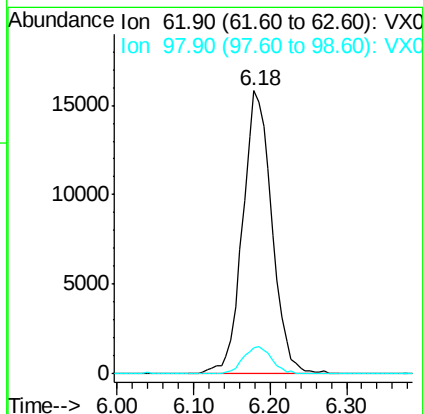
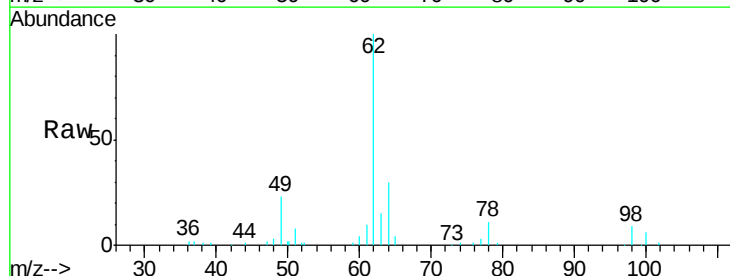
RT: 6.18 min Scan# 868

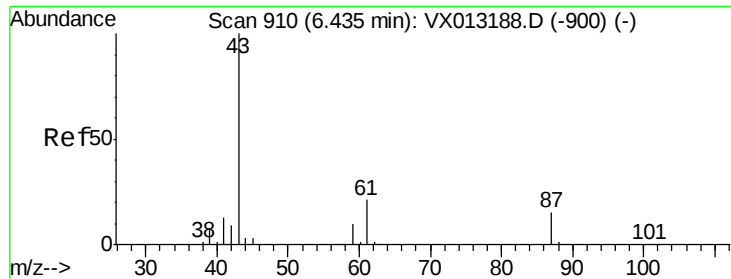
Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

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





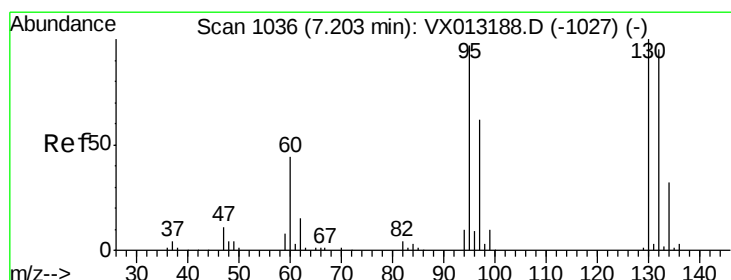
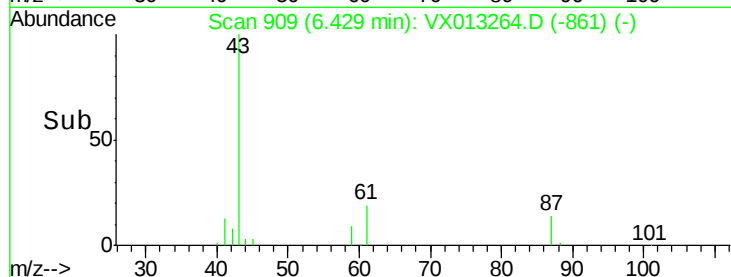
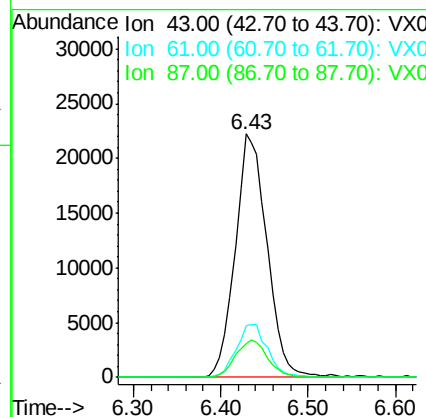
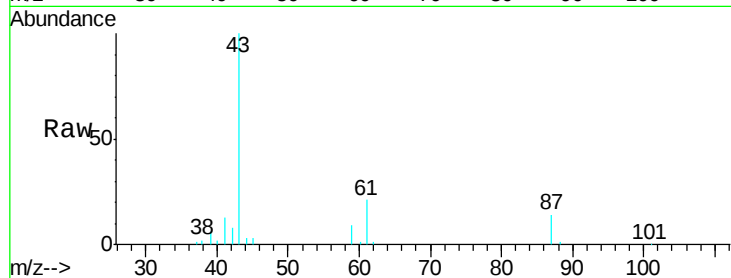
#43
Isopropyl Acetate
Concen: 19.798 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

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

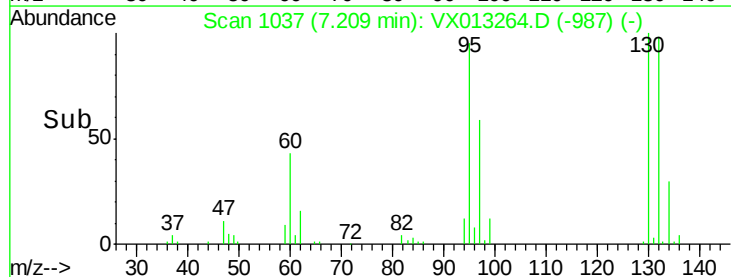
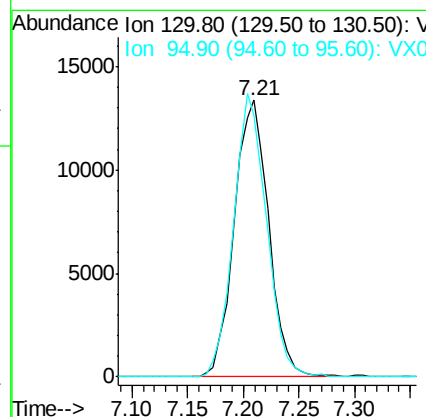
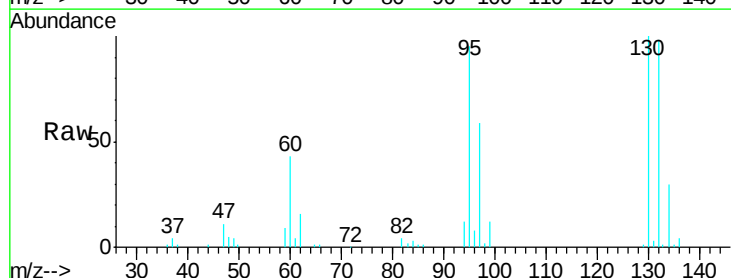
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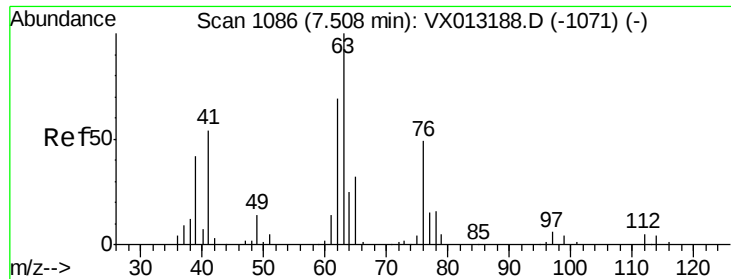
MMDadoda
10/30/2019 10:49:15 AM



#44
Trichloroethene
Concen: 19.568 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	193.6





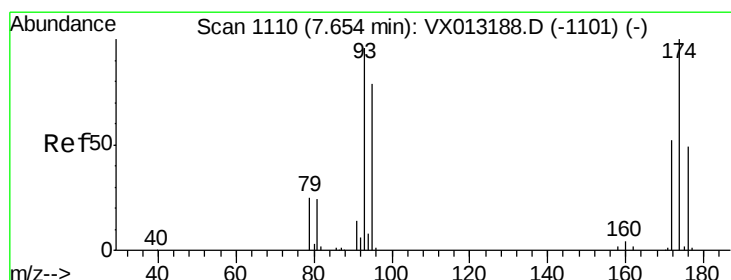
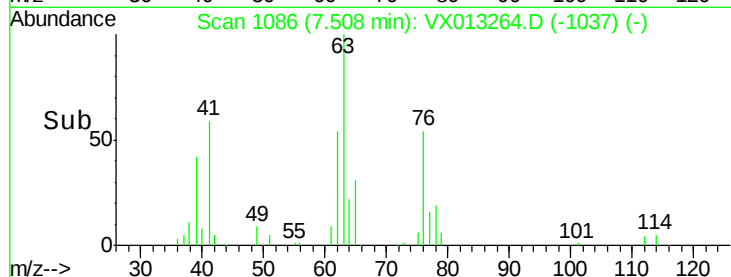
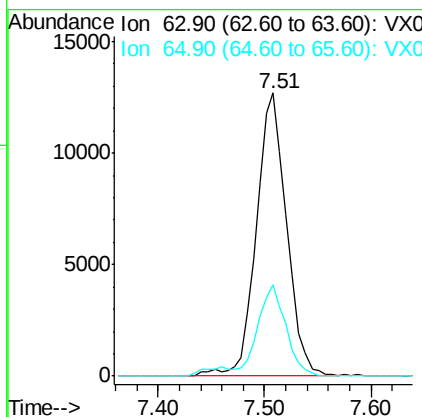
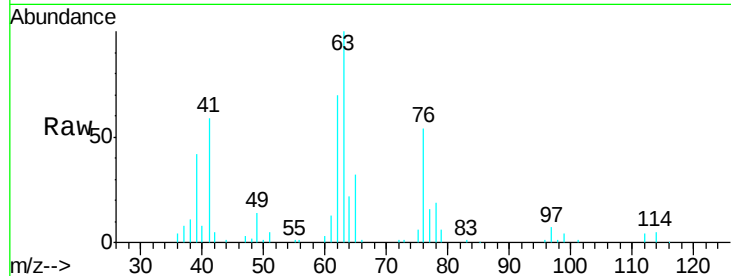
#45
 1,2-Dichloropropane
 Concen: 19.598 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD01

Tgt Ion: 63 Resp: 25300
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.3 37.9

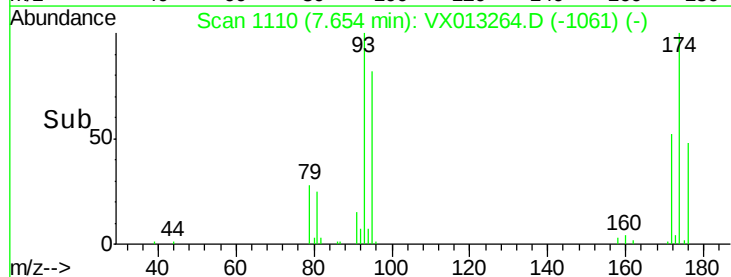
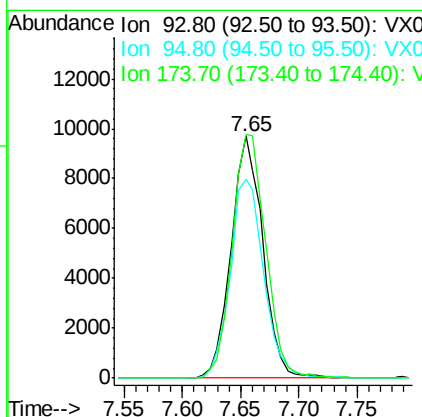
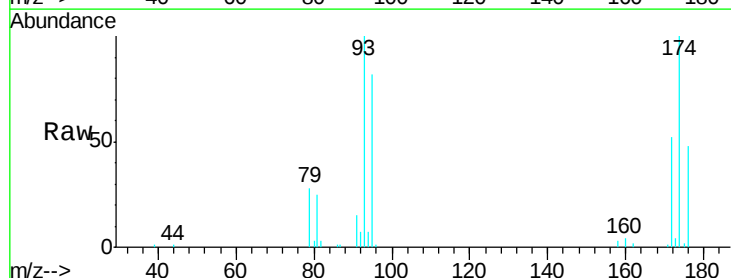
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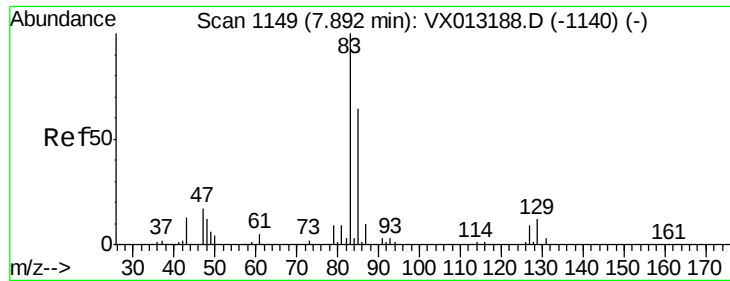
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#46
 Dibromomethane
 Concen: 19.803 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Tgt Ion: 93 Resp: 18419
 Ion Ratio Lower Upper
 93 100
 95 86.9 66.2 99.4
 174 106.4 85.2 127.8





#47

Bromodichloromethane

Concen: 20.853 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

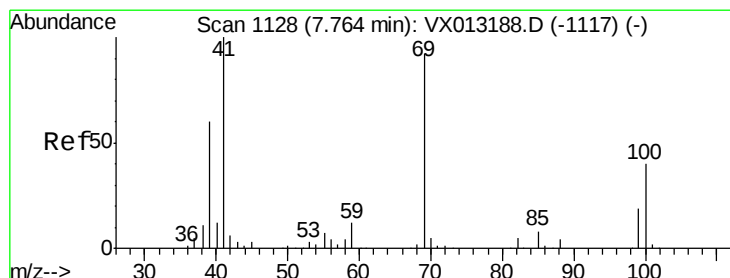
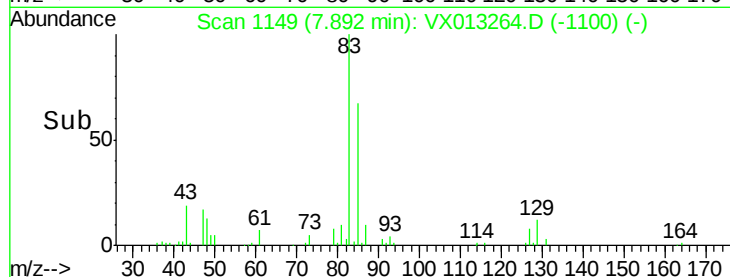
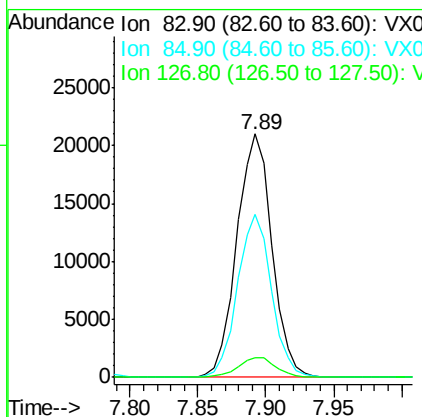
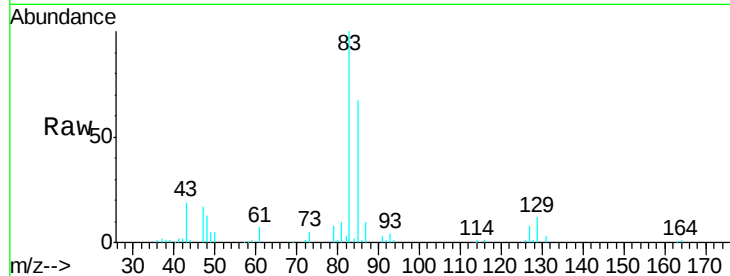
ClientSampleId :

VX1029WBSD01

Tgt Ion:	83	Resp:	37798
Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.0	76.6
127	8.0	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.851 ug/l

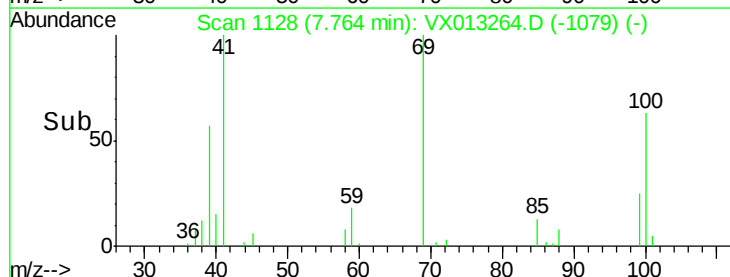
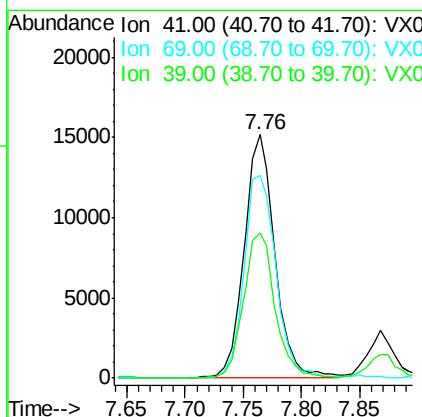
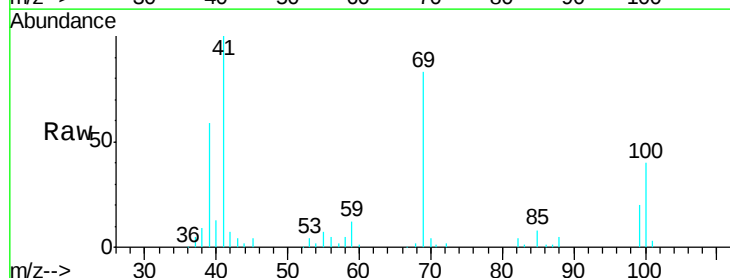
RT: 7.76 min Scan# 1128

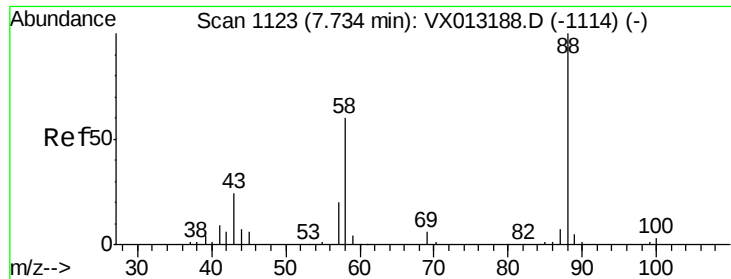
Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Tgt Ion:	41	Resp:	27856
Ion	Ratio	Lower	Upper
41	100		
69	87.3	72.0	108.0
39	61.4	47.4	71.0





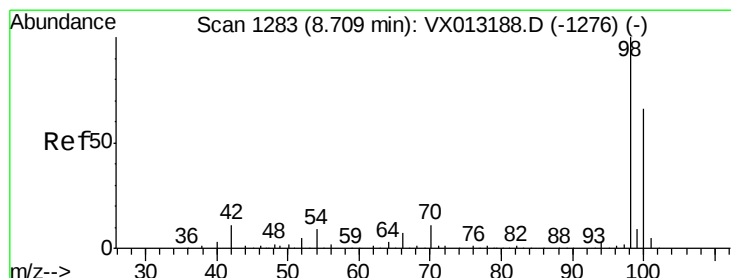
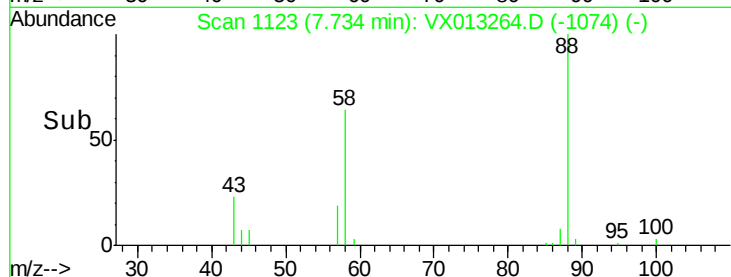
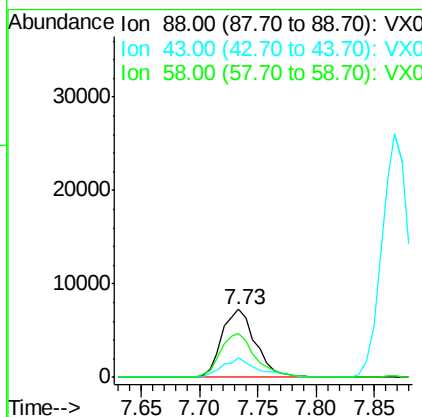
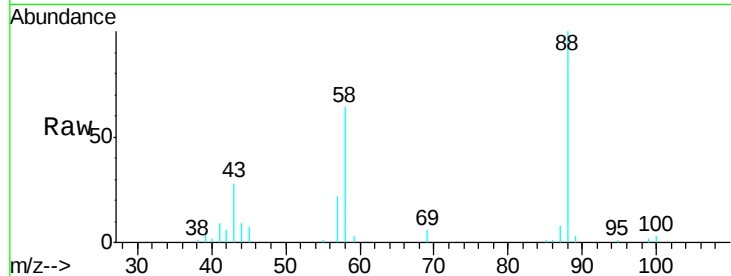
#49
1,4-Dioxane
Concen: 410.162 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.6	24.5	36.7
58	66.3	54.1	81.1

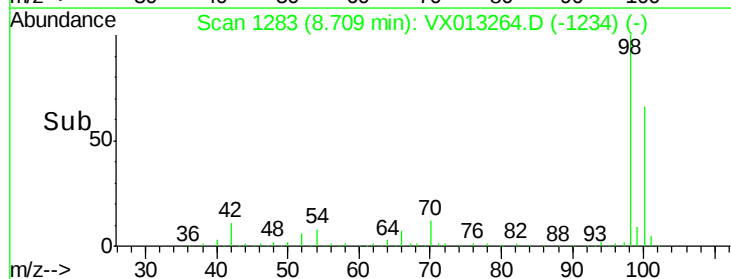
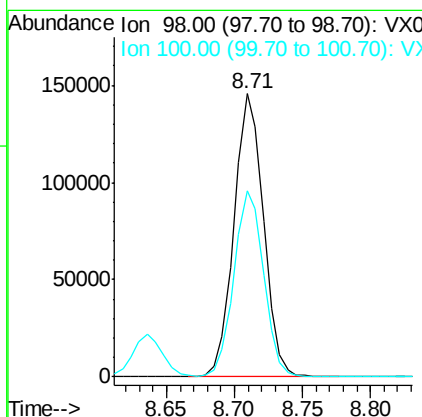
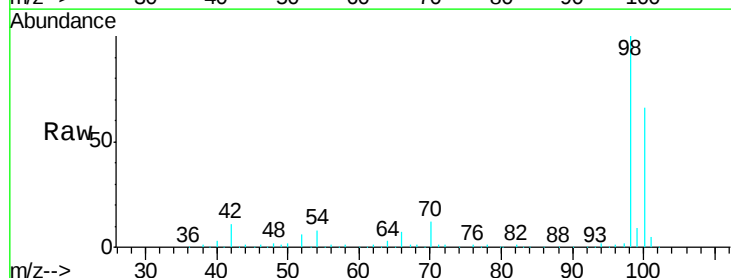
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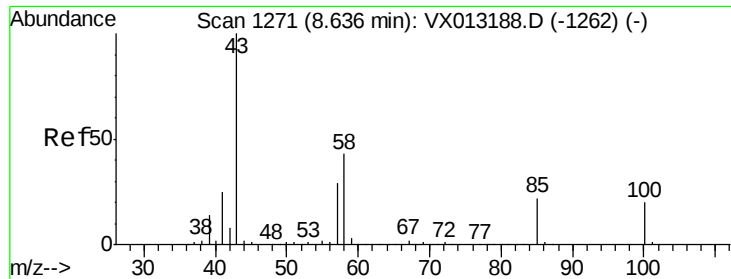
MMDadoda
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#50
Toluene-d8
Concen: 51.926 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.3	79.9





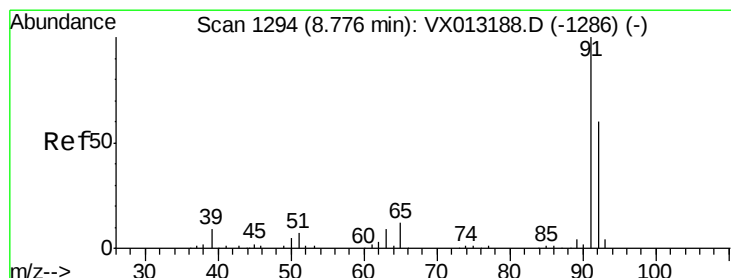
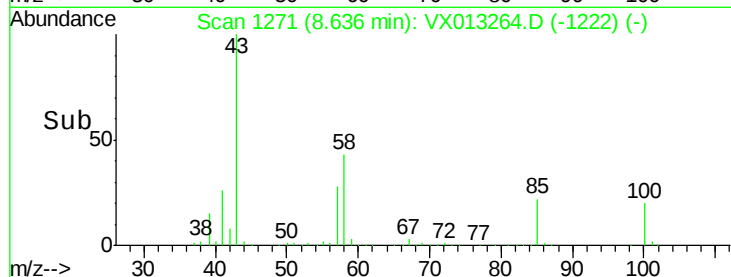
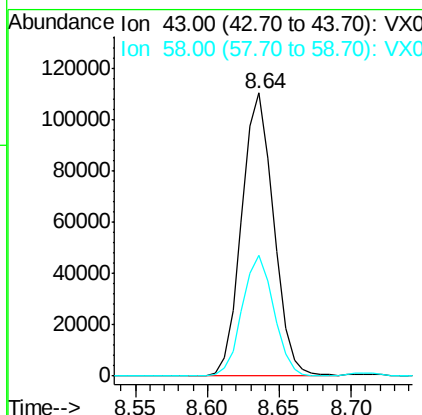
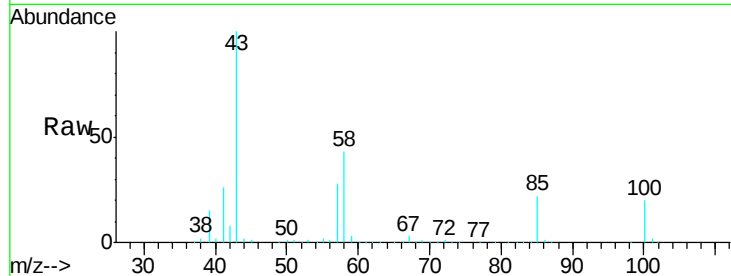
#51
 4-Methyl-2-Pentanone
 Concen: 98.550 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD01

Tgt Ion: 43 Resp: 170549
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.9 50.9

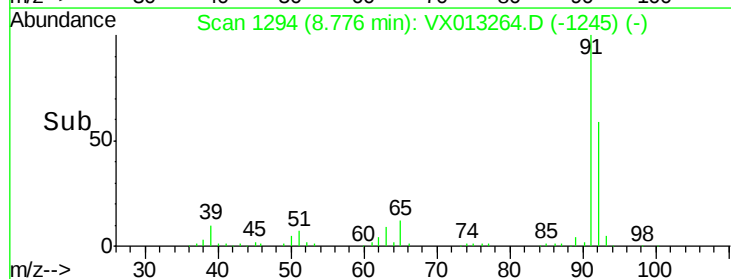
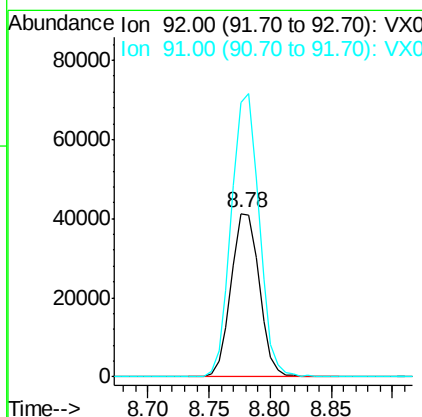
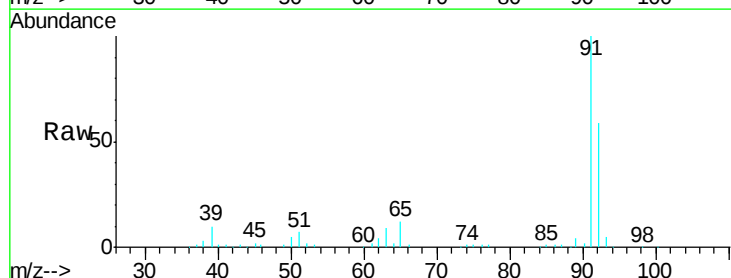
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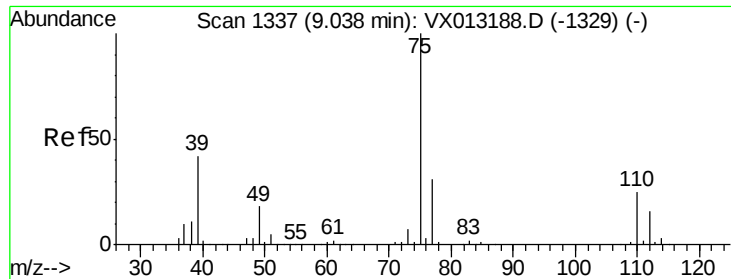
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#52
 Toluene
 Concen: 19.400 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Tgt Ion: 92 Resp: 66268
 Ion Ratio Lower Upper
 92 100
 91 170.5 133.9 200.9





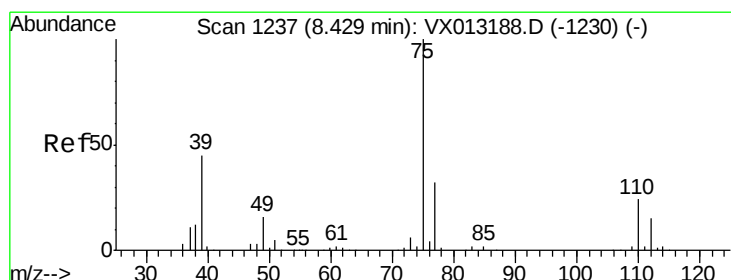
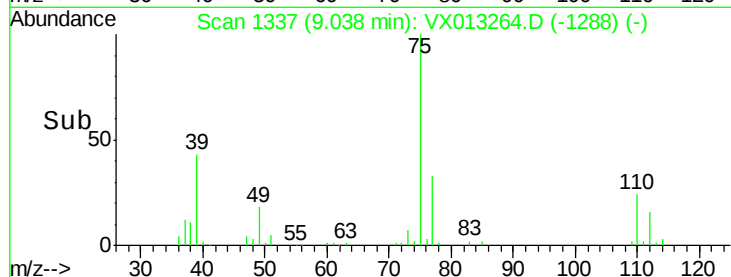
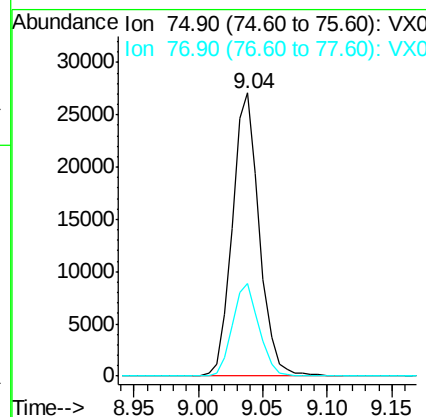
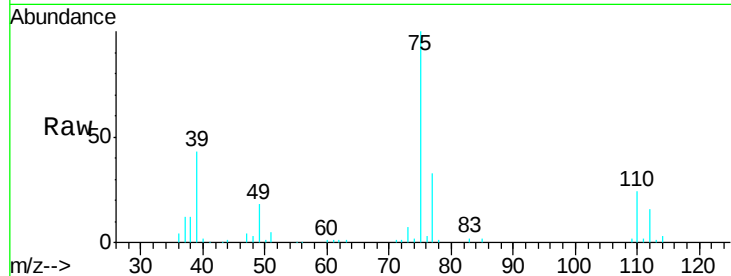
#53
t-1,3-Dichloropropene
Concen: 20.627 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion: 75 Resp: 39732
Ion Ratio Lower Upper
75 100
77 32.5 24.7 37.1

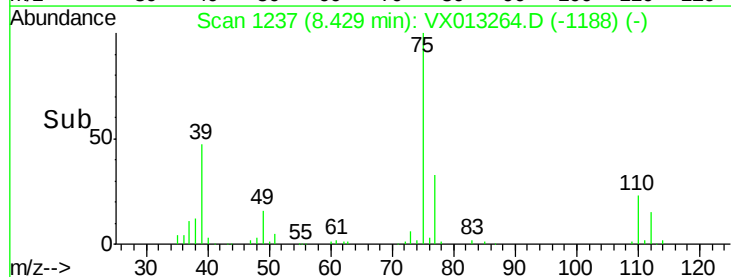
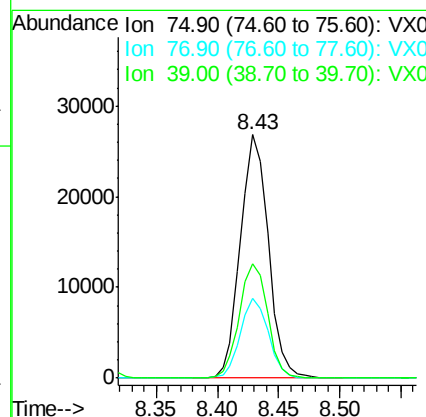
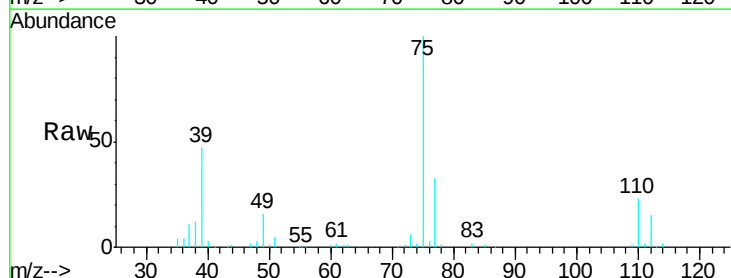
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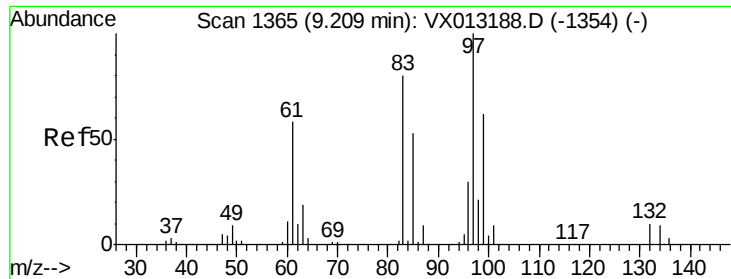
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#54
cis-1,3-Dichloropropene
Concen: 20.196 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion: 75 Resp: 42556
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
39 46.9 36.2 54.4





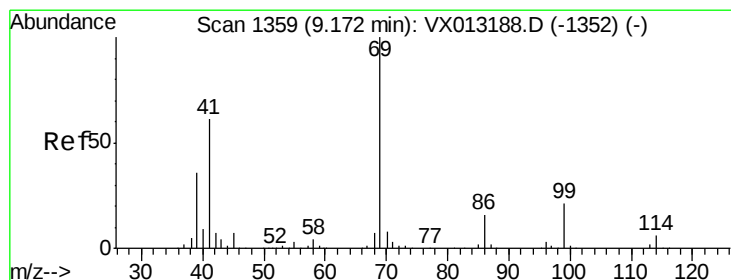
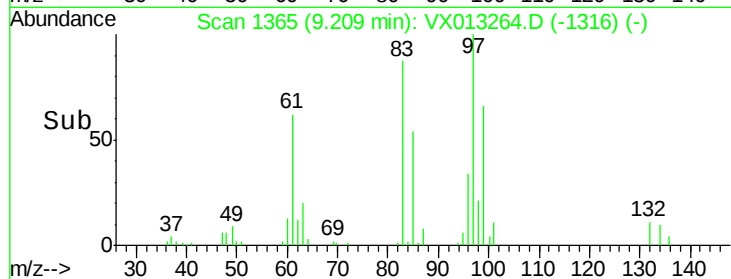
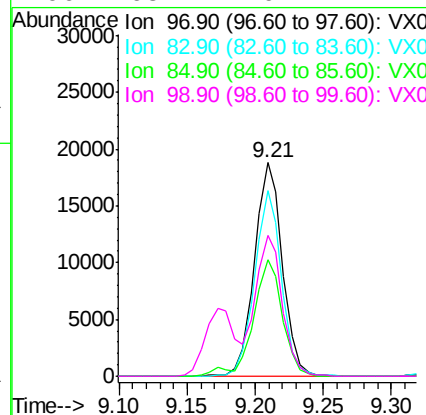
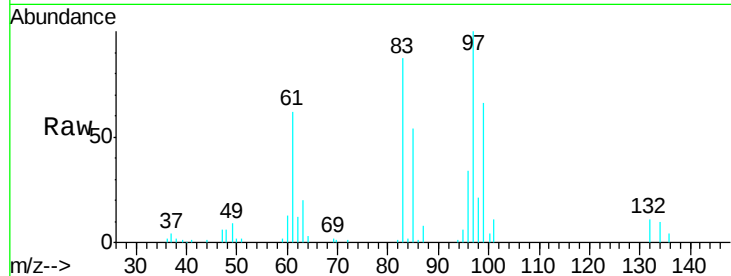
#55
1,1,2-Trichloroethane
Concen: 20.095 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	27138		
83	86.8	64.1	96.1	
85	54.5	42.1	63.1	
99	65.7	49.4	74.2	

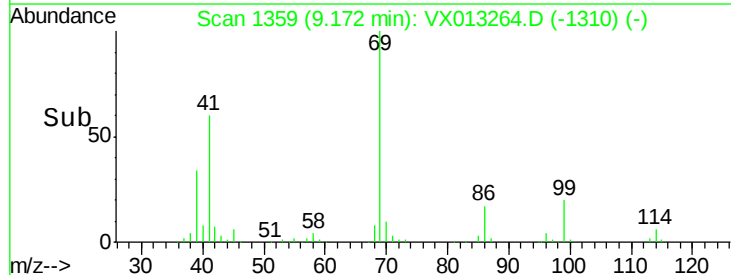
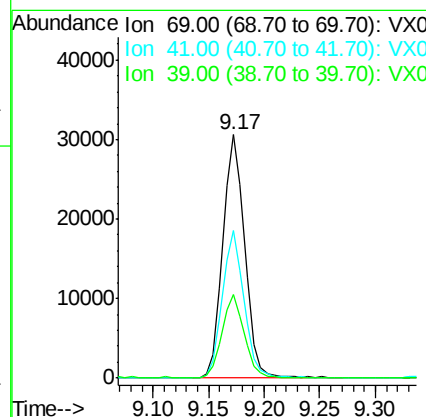
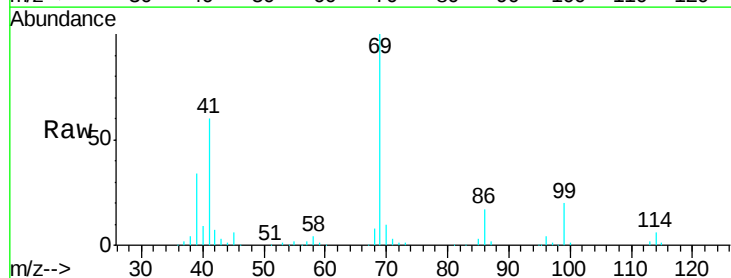
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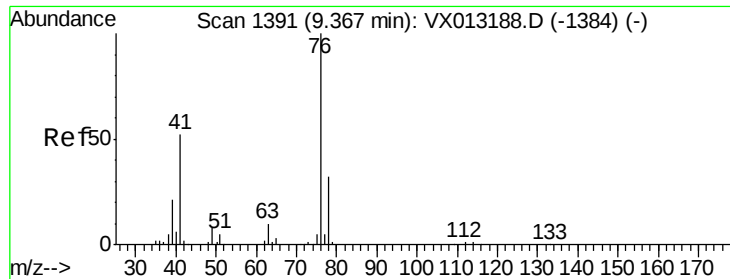
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#56
Ethyl methacrylate
Concen: 20.521 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	41711		
41	60.1	49.5	74.3	
39	34.9	28.3	42.5	





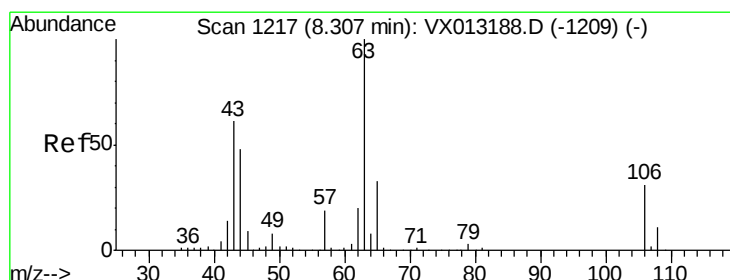
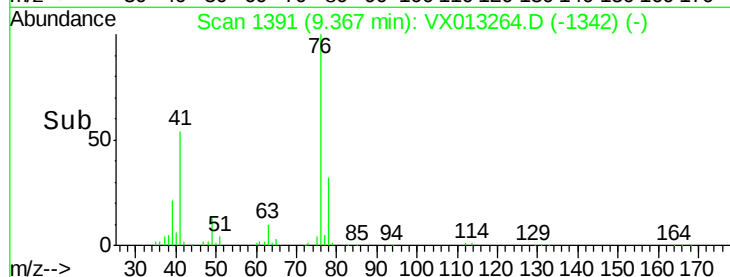
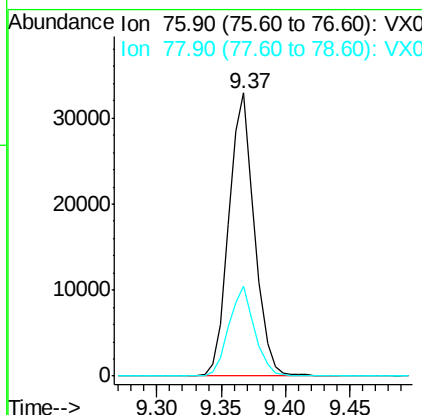
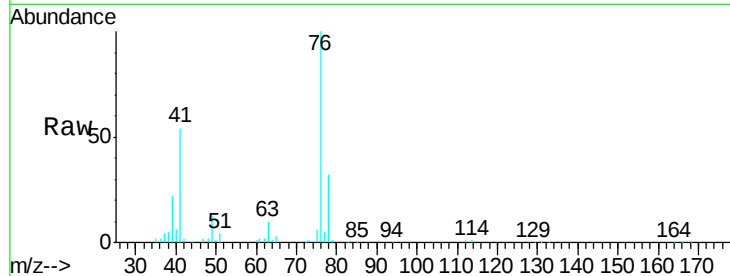
#57
 1,3-Dichloropropane
 Concen: 20.092 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD01

Tgt Ion: 76 Resp: 45783
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.1 39.1

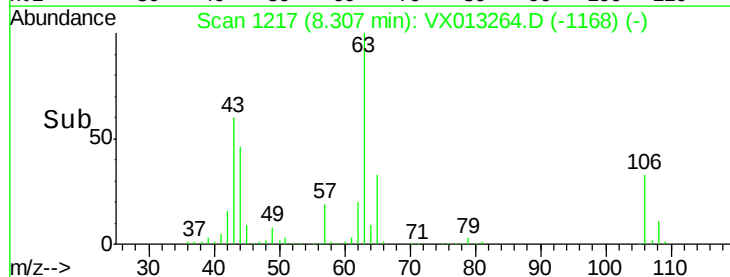
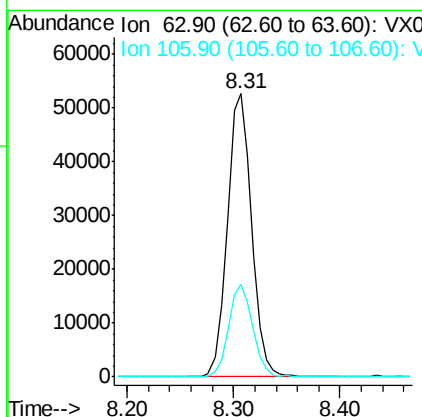
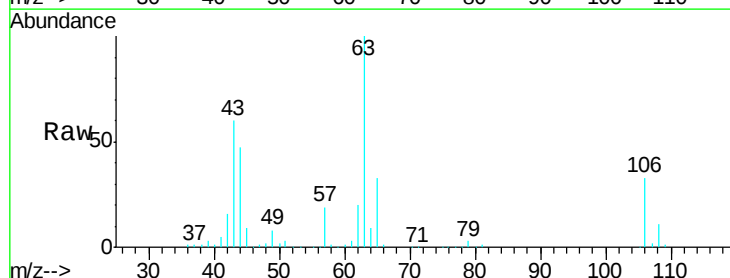
Manual Integrations
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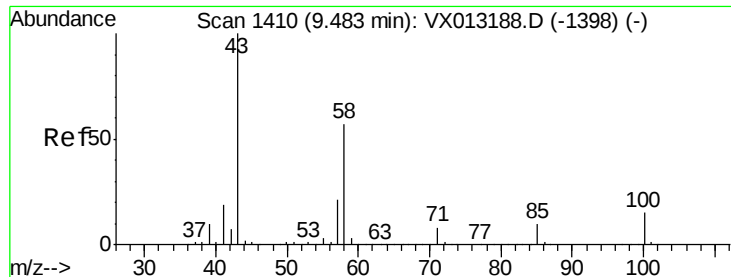
MMDadoda
 10/30/2019 10:49:15 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.768 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Tgt Ion: 63 Resp: 83886
 Ion Ratio Lower Upper
 63 100
 106 32.3 25.4 38.0





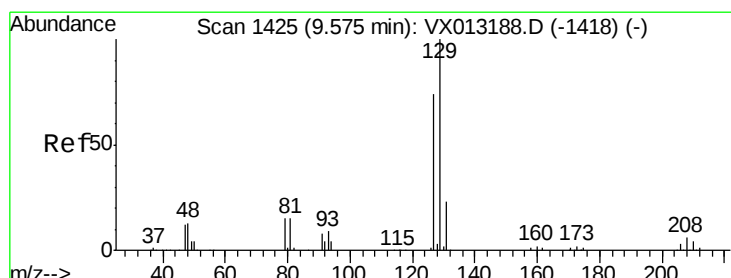
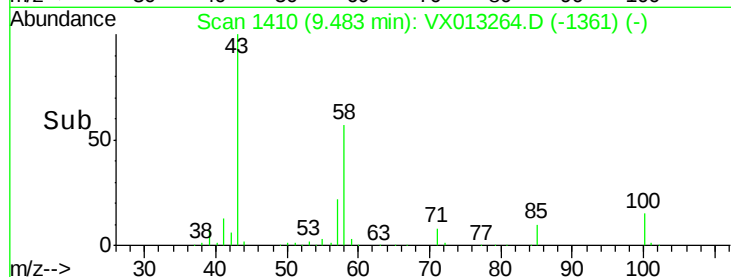
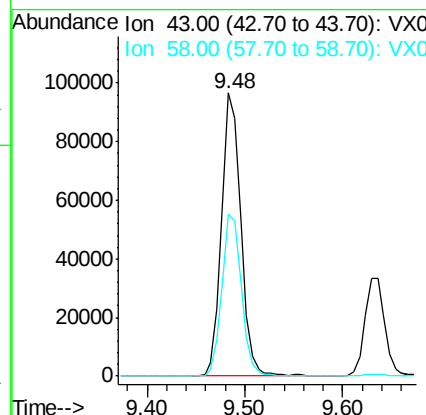
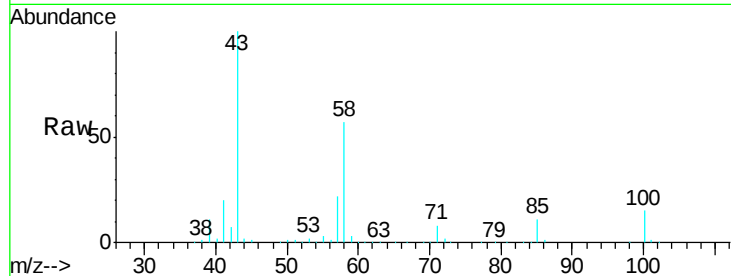
#59
2-Hexanone
Concen: 99.941 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion: 43 Resp: 133227
Ion Ratio Lower Upper
43 100
58 57.8 28.2 84.7

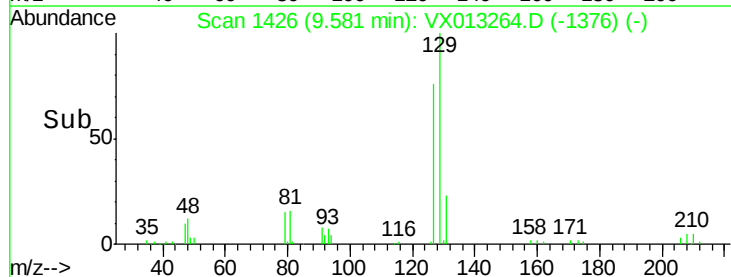
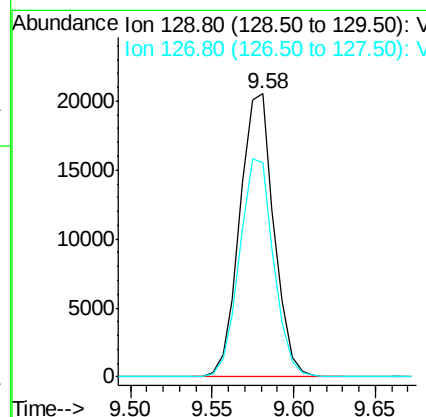
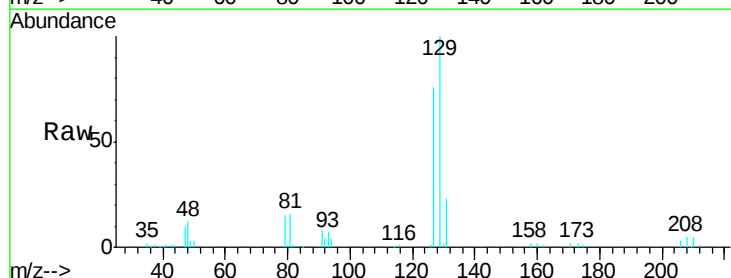
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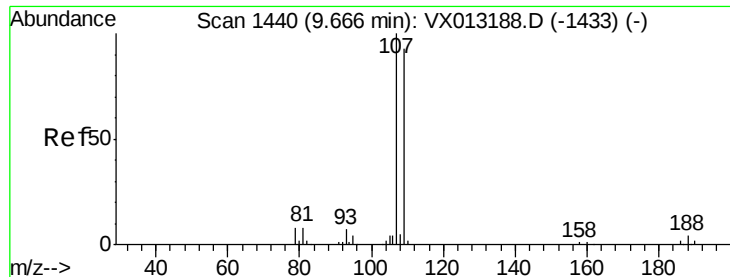
MMDadoda
10/30/2019 10:49:15 AM



#60
Dibromochloromethane
Concen: 21.173 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion: 129 Resp: 29963
Ion Ratio Lower Upper
129 100
127 76.9 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.323 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBSD01

Tgt Ion: 107 Resp: 29137

Ion Ratio Lower Upper

107 100

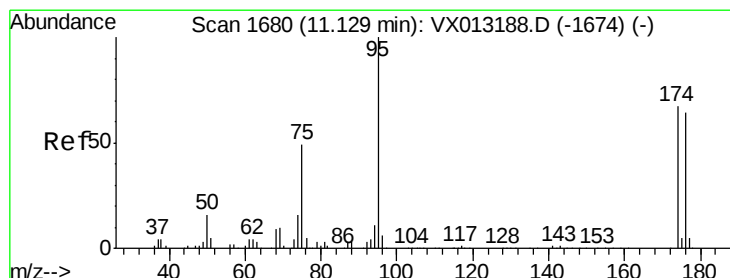
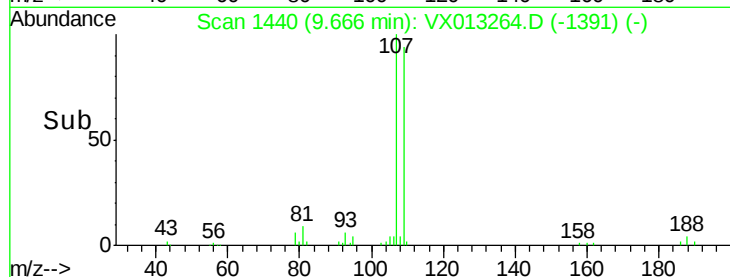
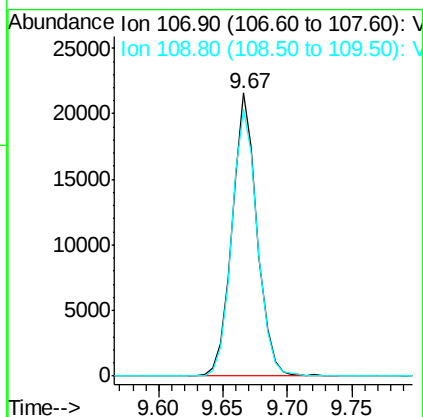
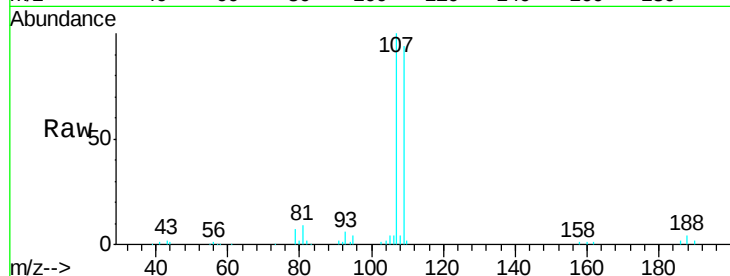
109 96.6 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 51.245 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

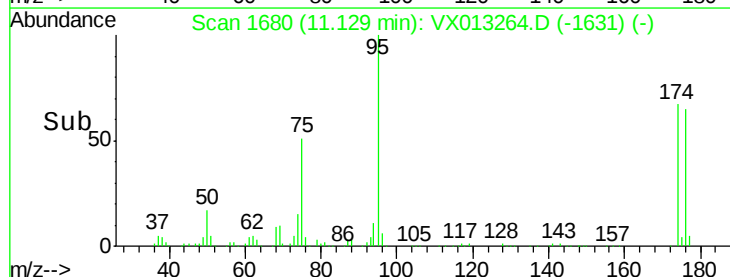
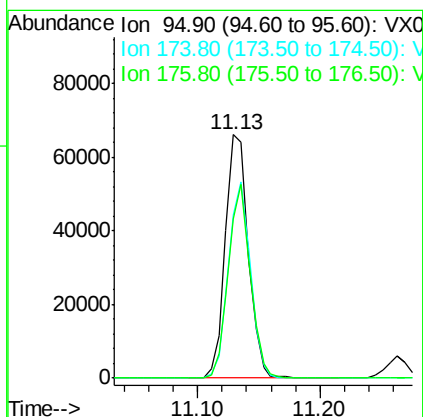
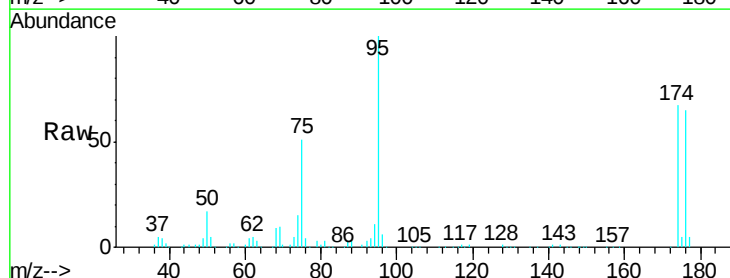
Tgt Ion: 95 Resp: 86015

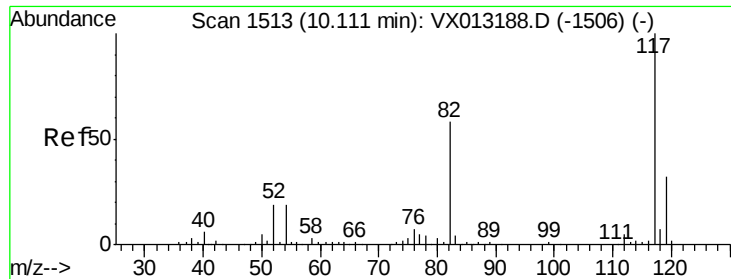
Ion Ratio Lower Upper

95 100

174 77.0 0.0 152.4

176 75.7 0.0 146.0





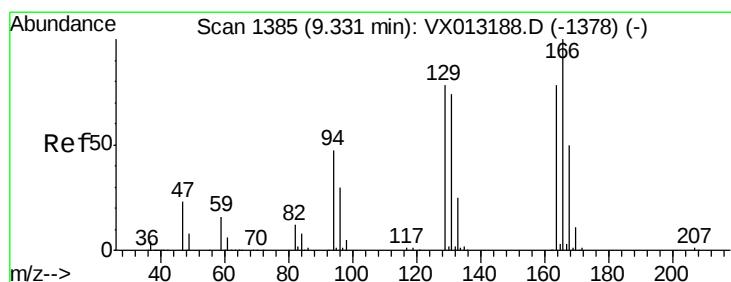
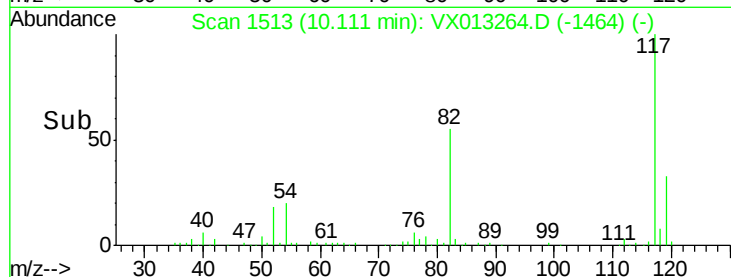
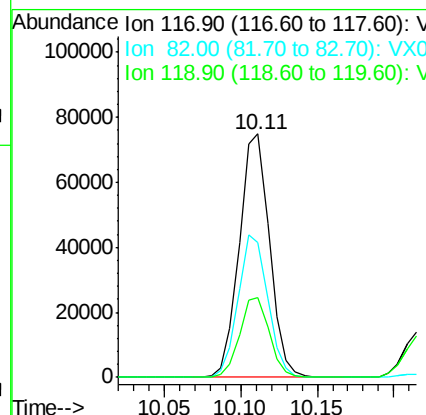
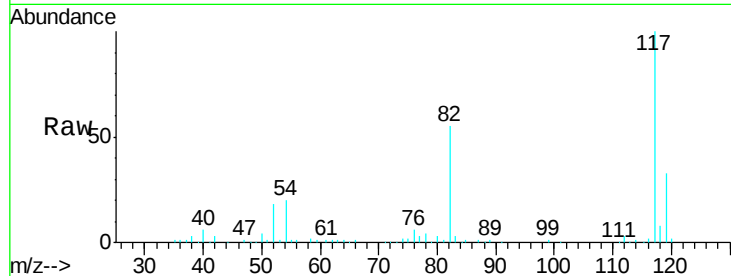
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	102676		
82	55.2	46.5	69.7	
119	32.7	25.2	37.8	

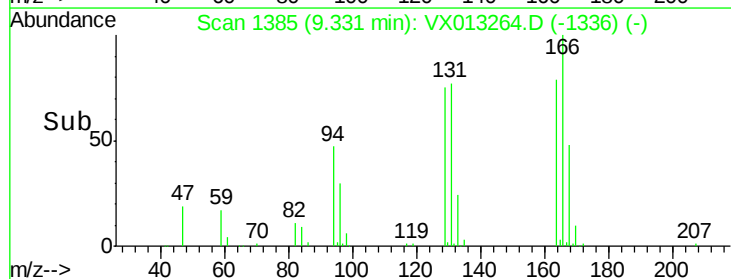
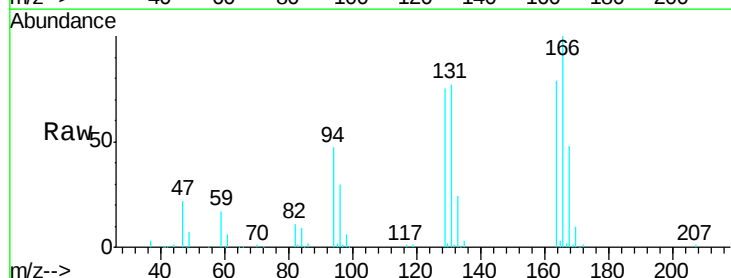
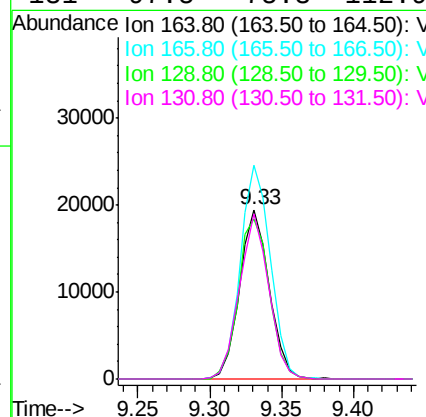
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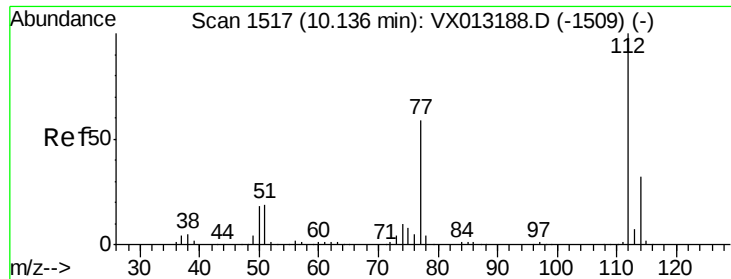
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#64
Tetrachloroethene
Concen: 20.869 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	27861		
166	126.1	102.2	153.4	
129	94.3	79.8	119.8	
131	97.5	75.3	112.9	





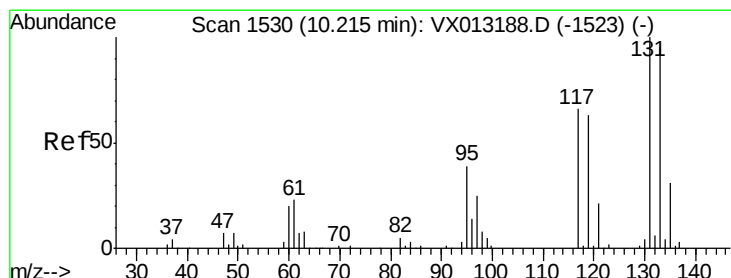
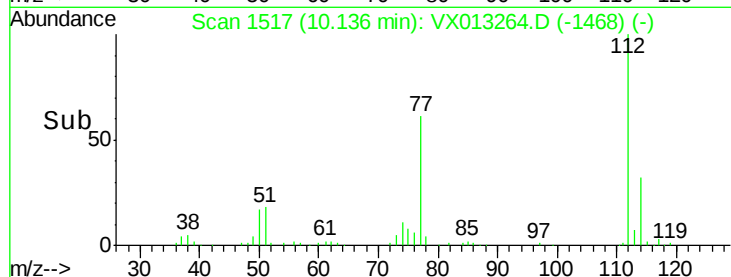
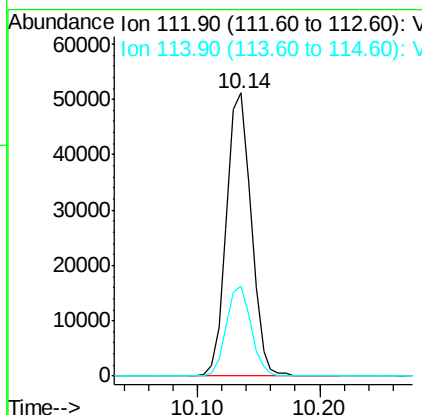
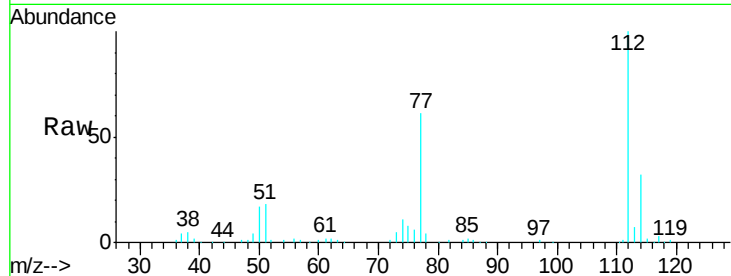
#65
Chlorobenzene
Concen: 19.897 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion:112 Resp: 71515
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8

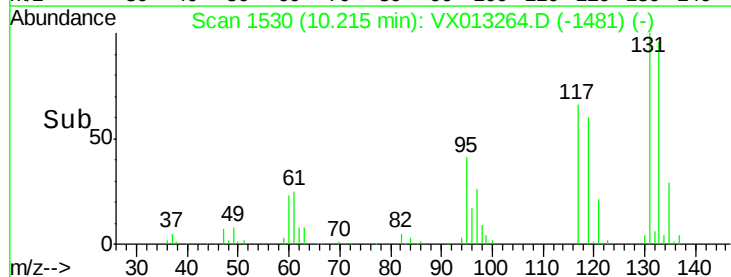
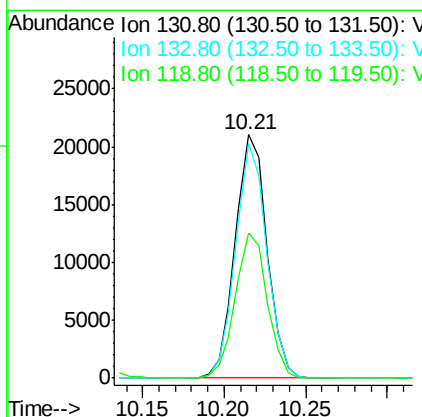
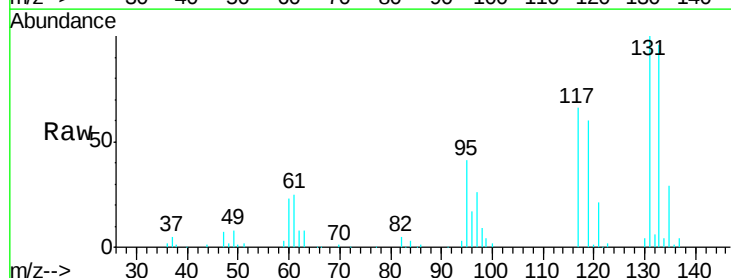
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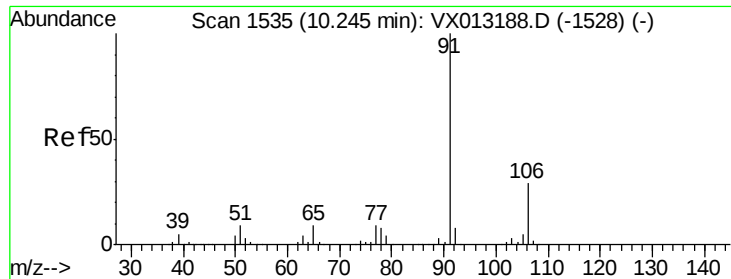
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.561 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion:131 Resp: 28628
Ion Ratio Lower Upper
131 100
133 94.3 48.4 145.2
119 59.9 32.4 97.0





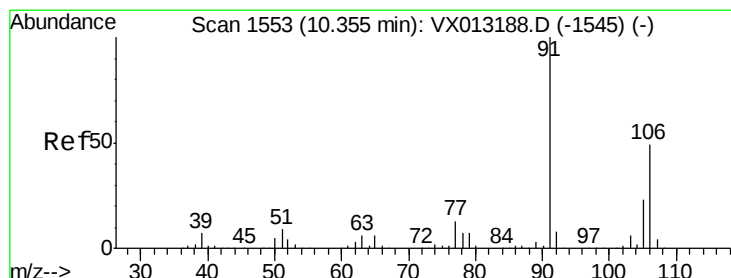
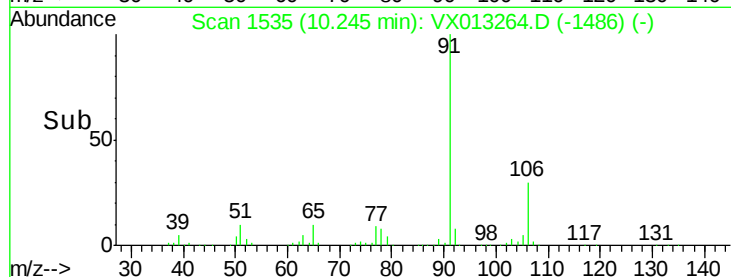
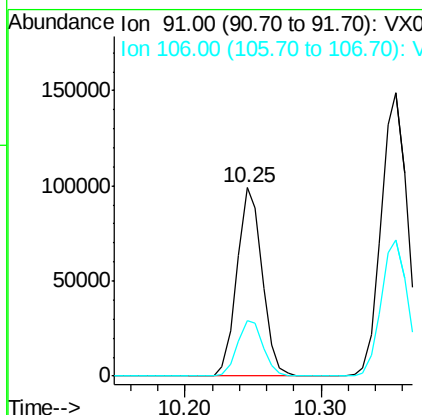
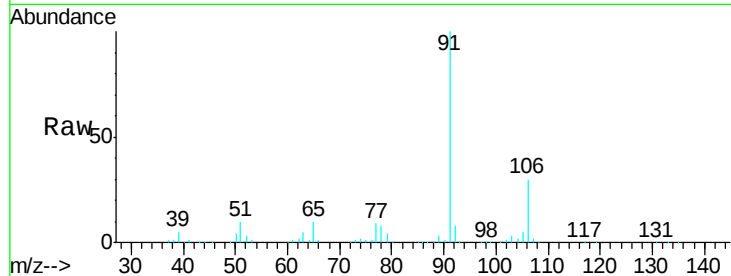
#67
Ethyl Benzene
Concen: 19.922 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion: 91 Resp: 128192
Ion Ratio Lower Upper
91 100
106 29.6 23.5 35.3

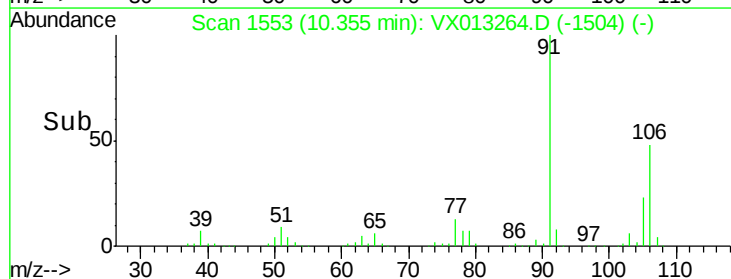
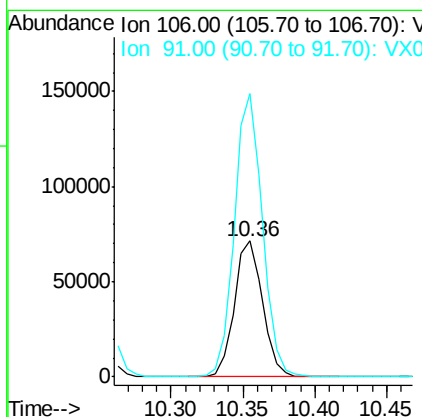
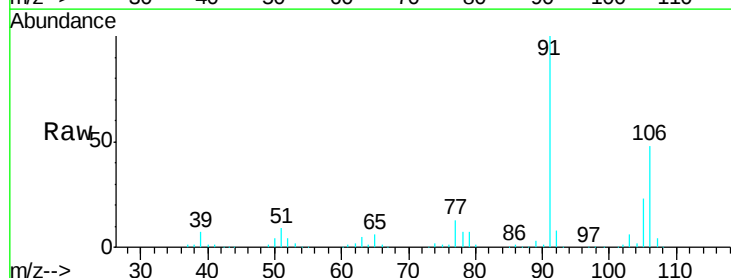
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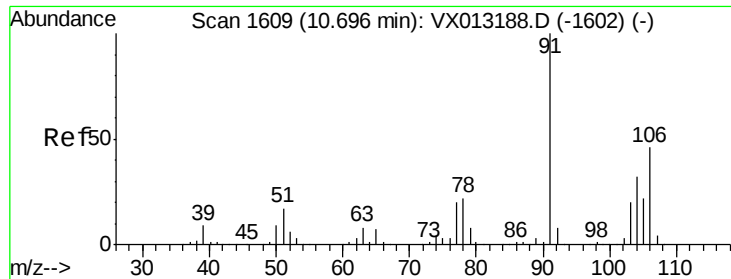
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#68
m/p-Xylenes
Concen: 40.068 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion: 106 Resp: 97433
Ion Ratio Lower Upper
106 100
91 207.5 166.8 250.2





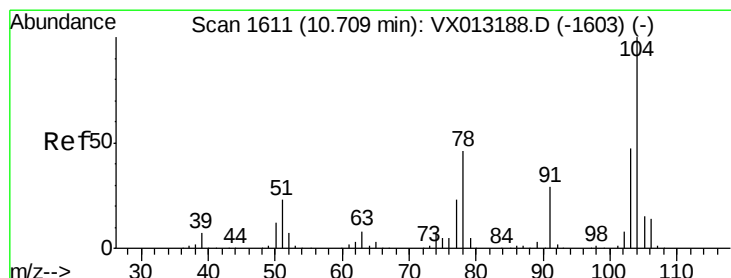
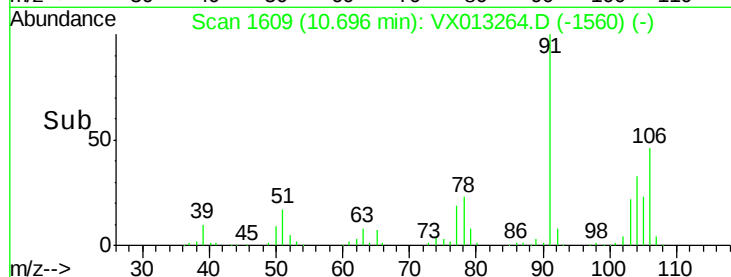
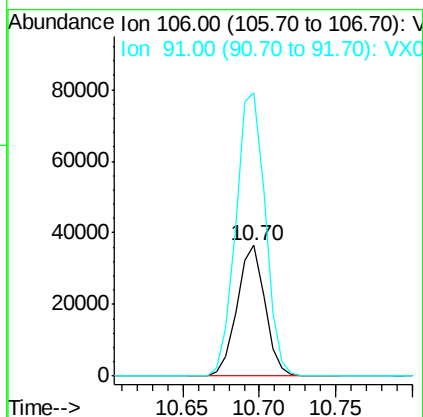
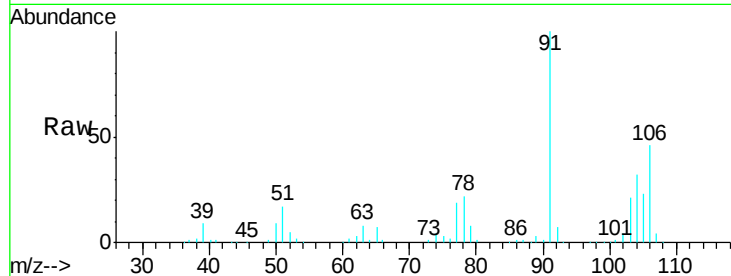
#69
o-Xylene
Concen: 19.837 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion:106 Resp: 46274
Ion Ratio Lower Upper
106 100
91 227.9 110.7 331.9

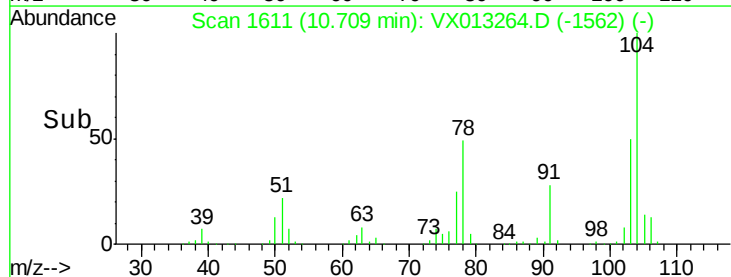
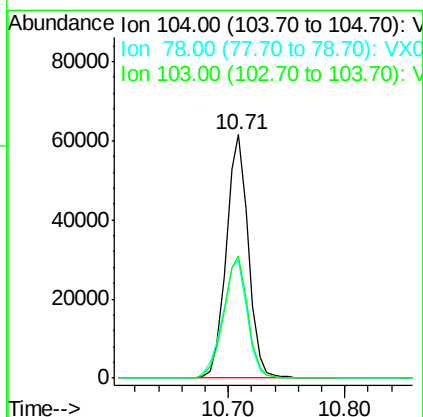
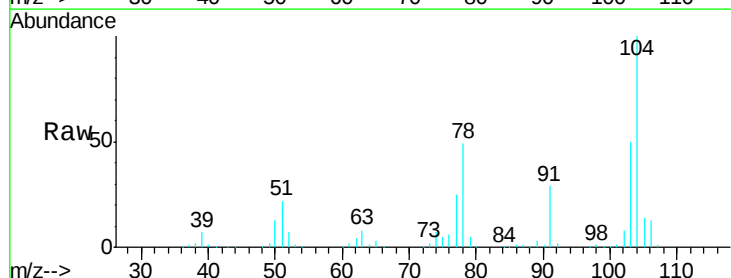
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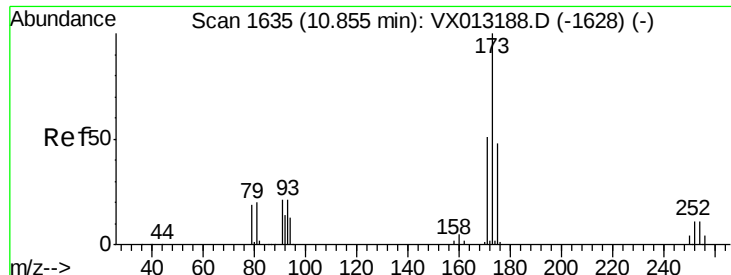
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#70
Styrene
Concen: 20.116 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion:104 Resp: 80800
Ion Ratio Lower Upper
104 100
78 53.8 42.2 63.4
103 54.5 42.8 64.2





#71

Bromoform

Concen: 21.590 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBSD01

Tgt Ion:173 Resp: 20946

Ion Ratio Lower Upper

173 100

175 47.5 24.3 72.8

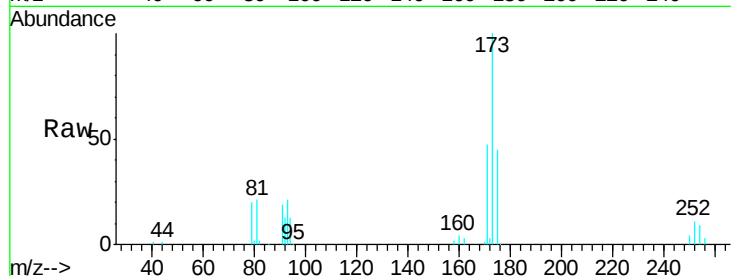
254 0.0 0.1 0.1#

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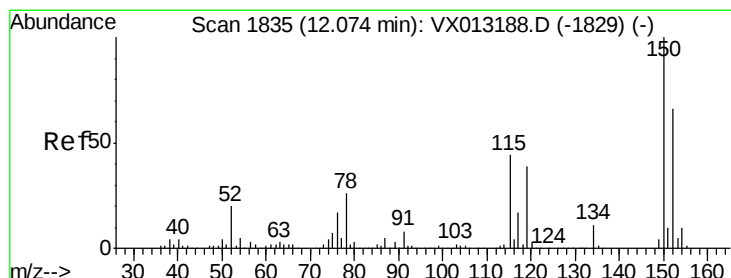
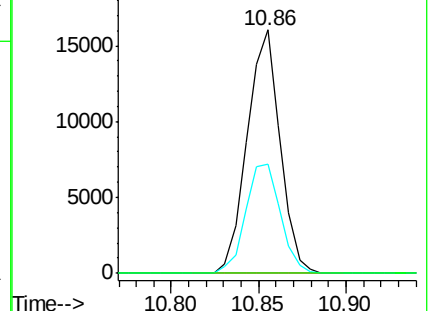
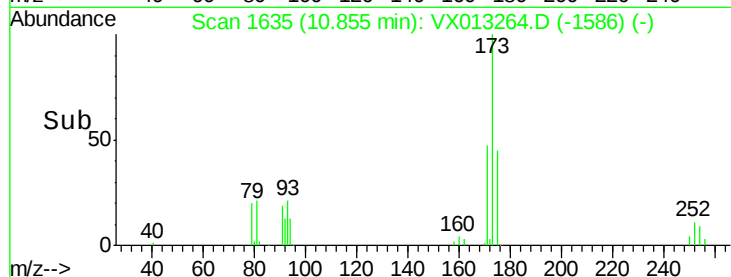
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX013264.D

Acq: 29 Oct 2019 12:33

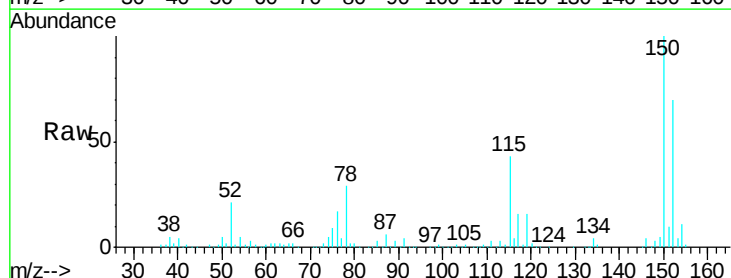
Tgt Ion:152 Resp: 68619

Ion Ratio Lower Upper

152 100

115 77.7 46.6 139.8

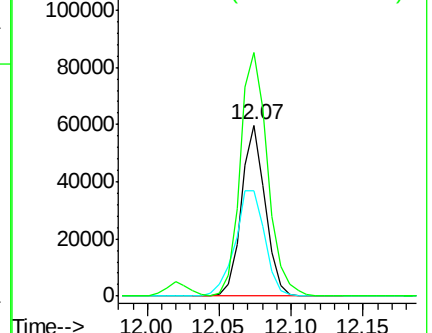
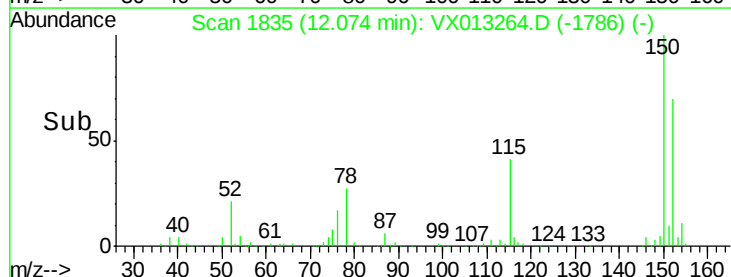
150 164.5 0.0 354.0

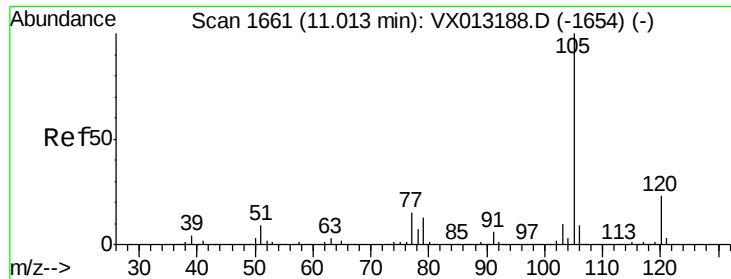


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.444 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBSD01

Tgt Ion: 105 Resp: 127391

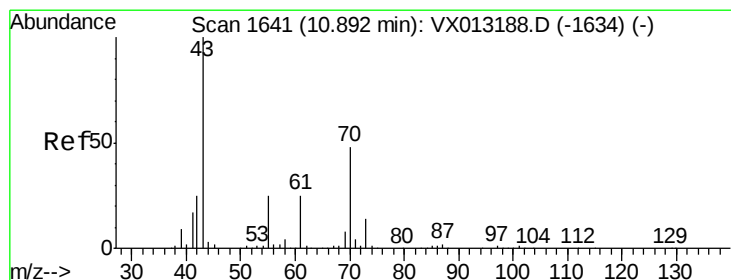
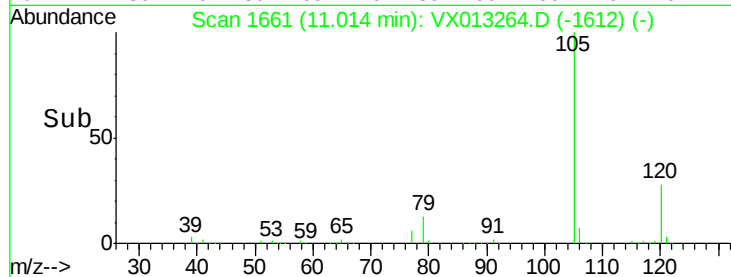
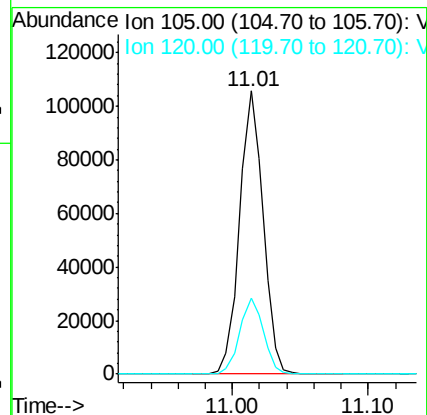
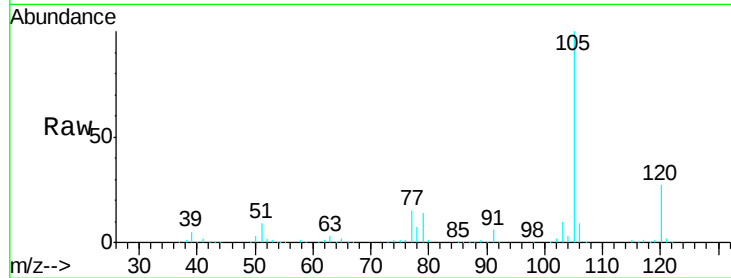
Ion Ratio Lower Upper

105 100

120 27.1 12.6 37.8

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#74

N-ethyl acetate

Concen: 20.188 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Tgt Ion: 43 Resp: 46170

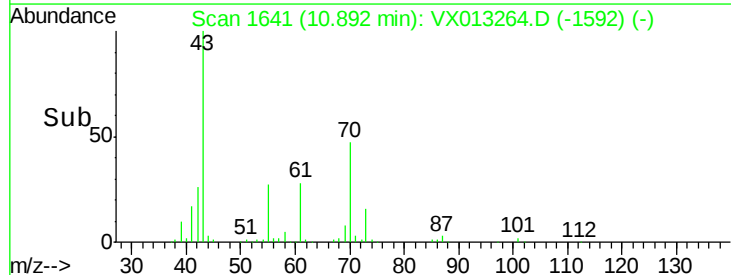
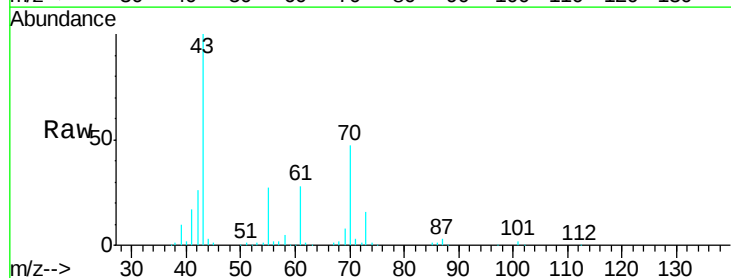
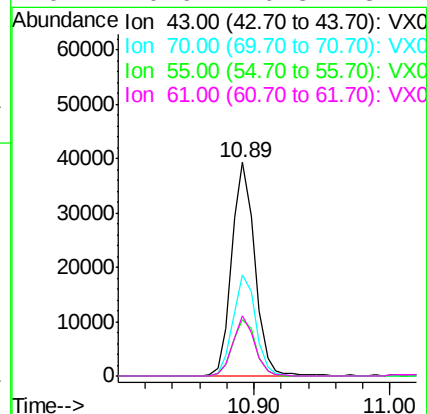
Ion Ratio Lower Upper

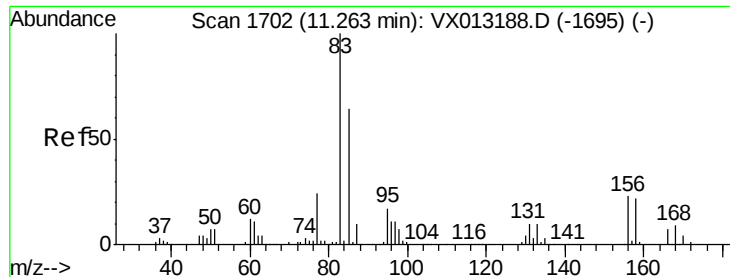
43 100

70 47.0 38.5 57.7

55 26.5 20.7 31.1

61 26.6 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.428 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

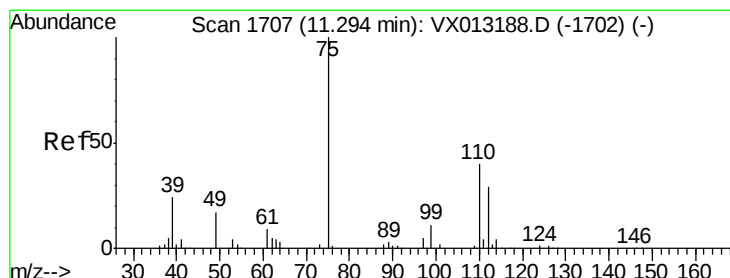
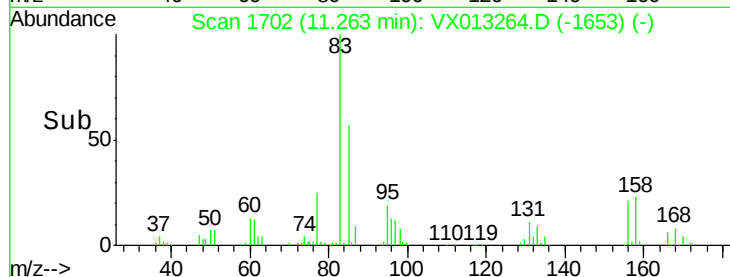
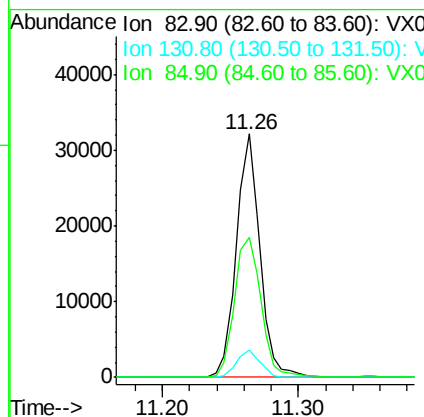
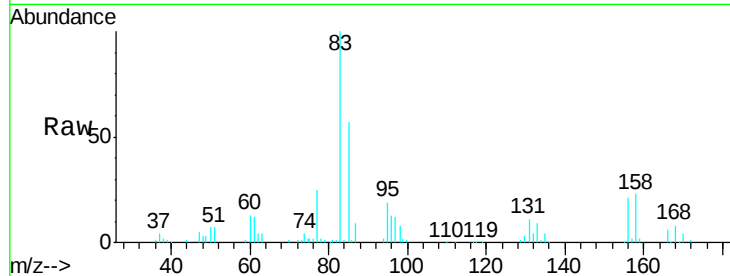
ClientSampleId :

VX1029WBSD01

Tgt Ion:	83	Resp:	38651
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.3	16.1
85	65.0	31.4	94.3

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#76

1,2,3-Trichloropropane

Concen: 20.328 ug/l m

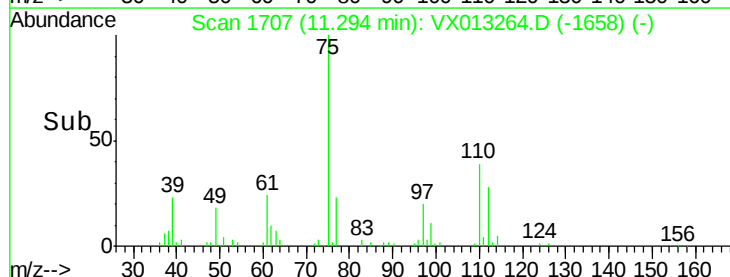
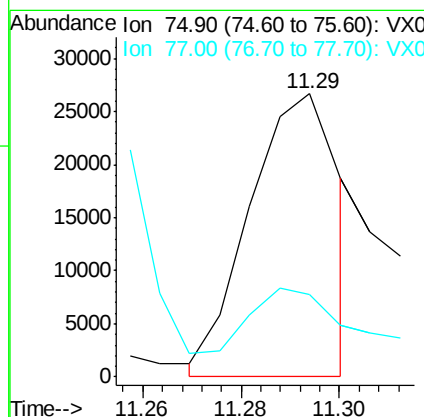
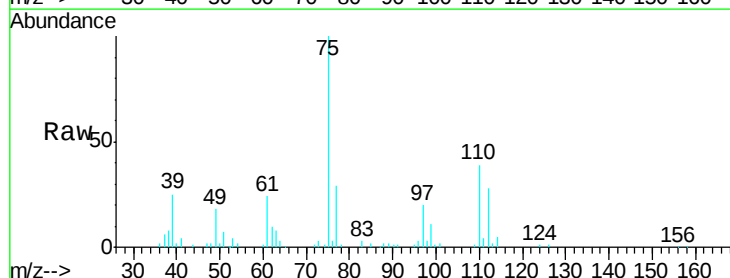
RT: 11.29 min Scan# 1707

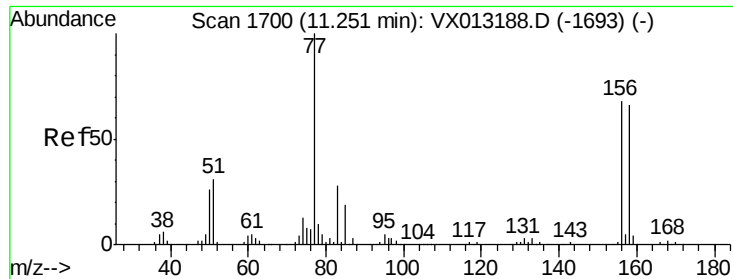
Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Tgt Ion:	75	Resp:	33619
Ion Ratio	Lower	Upper	
75	100		
77	43.7	19.1	57.5





#77

Bromobenzene

Concen: 20.484 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

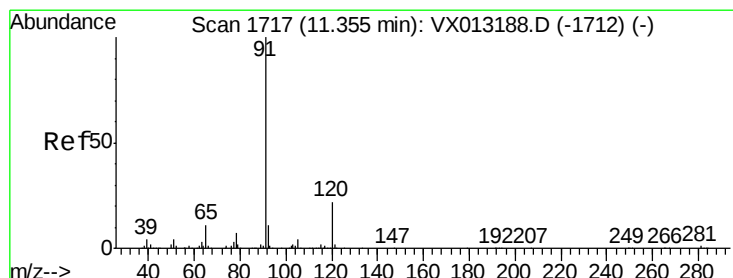
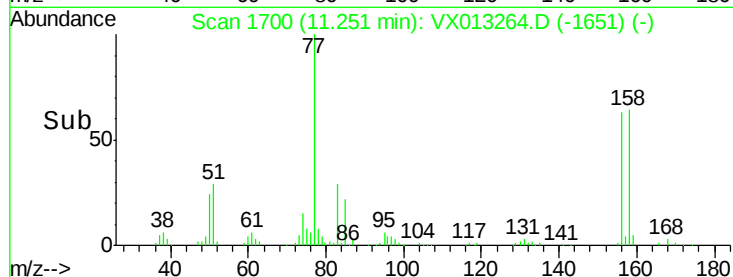
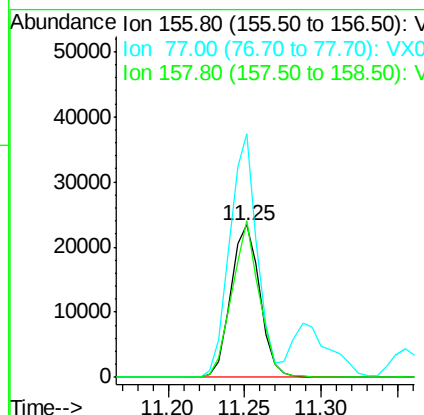
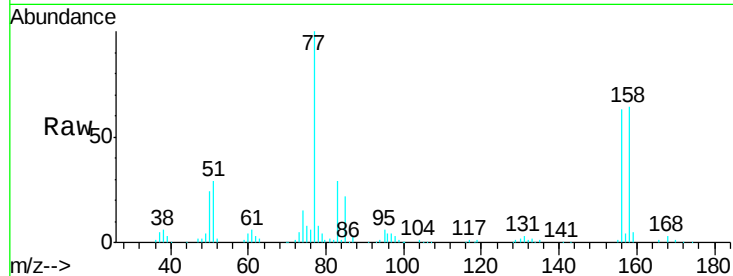
ClientSampleId :

VX1029WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	30592		
77	150.9	81.7	245.1	
158	96.6	49.6	148.8	

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#78

n-propylbenzene

Concen: 20.133 ug/l

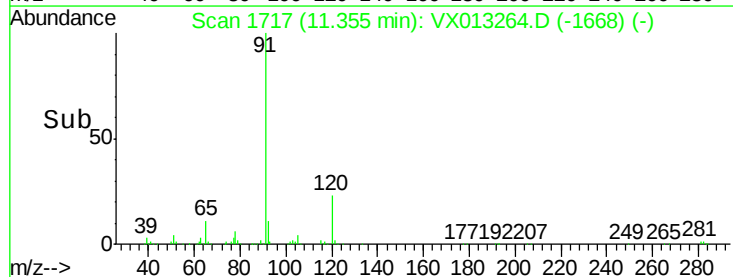
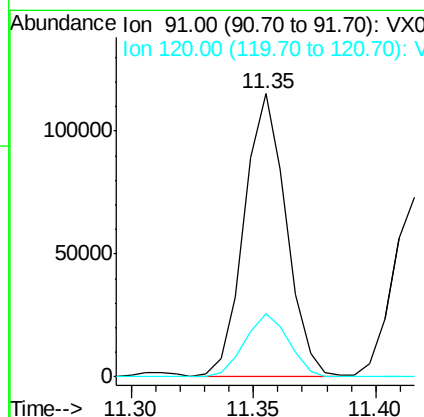
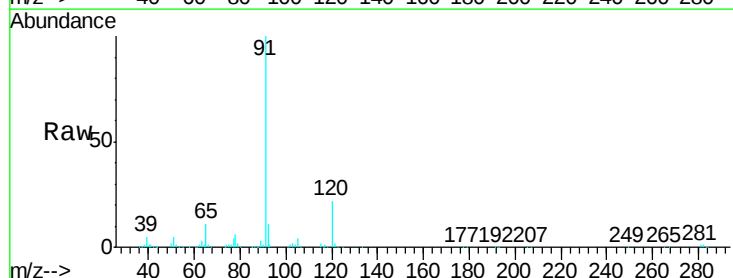
RT: 11.35 min Scan# 1717

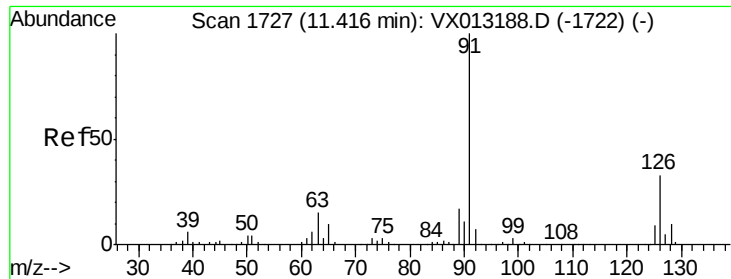
Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	136273		
120	23.5	11.4	34.1	





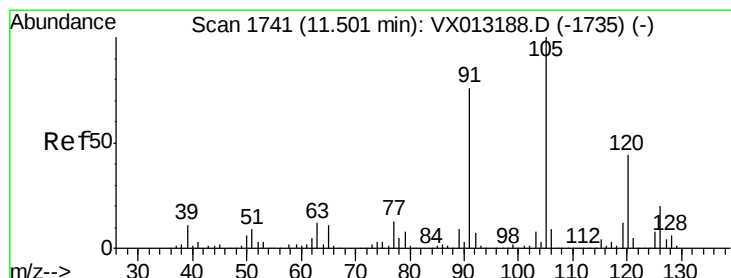
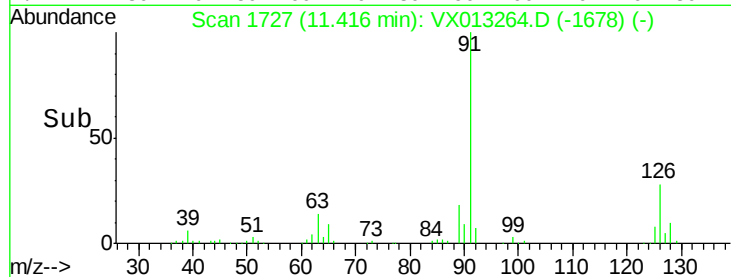
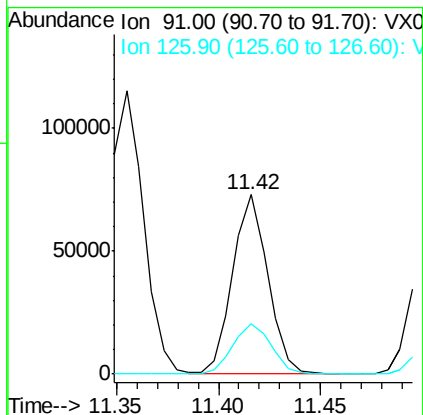
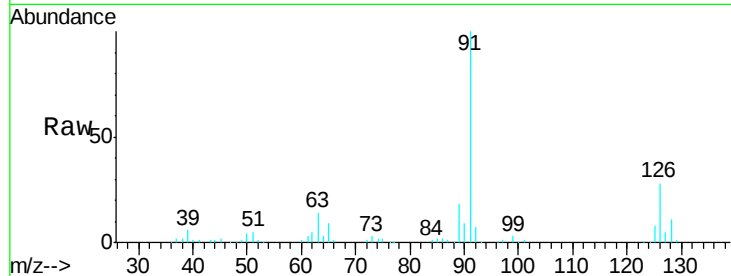
#79
 2-Chlorotoluene
 Concen: 20.261 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD01

Tgt Ion: 91 Resp: 86649
 Ion Ratio Lower Upper
 91 100
 126 31.1 16.3 48.8

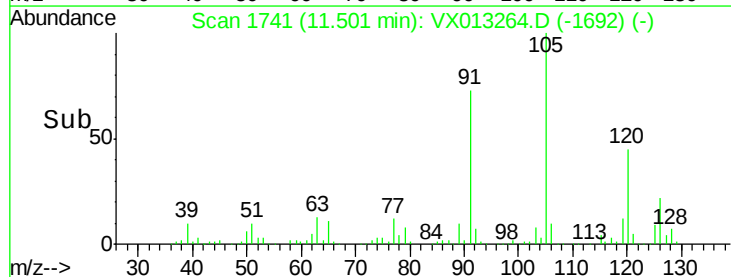
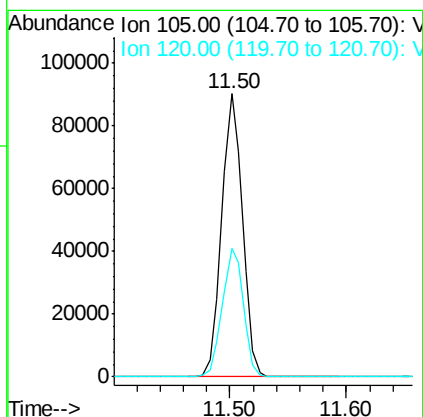
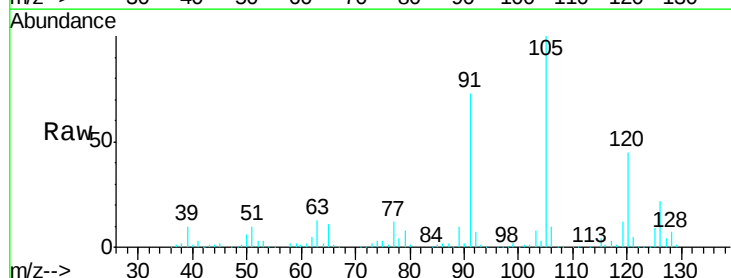
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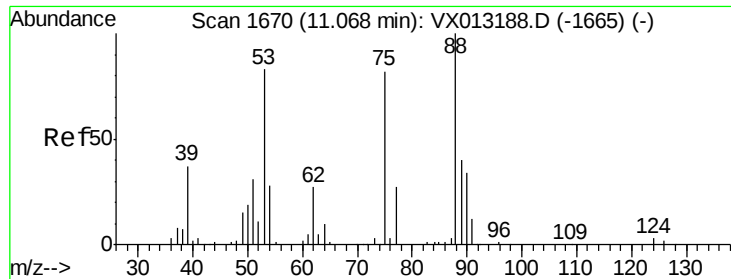
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.395 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Tgt Ion: 105 Resp: 110810
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.115 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Instrument :

MSVOA_X

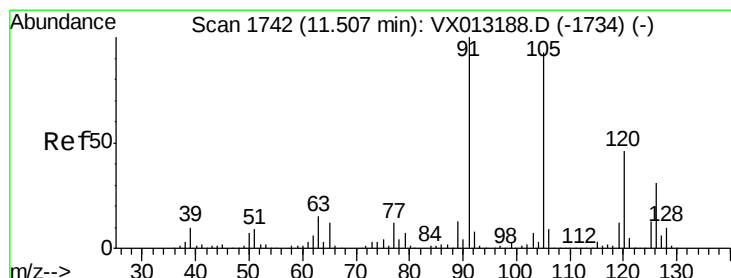
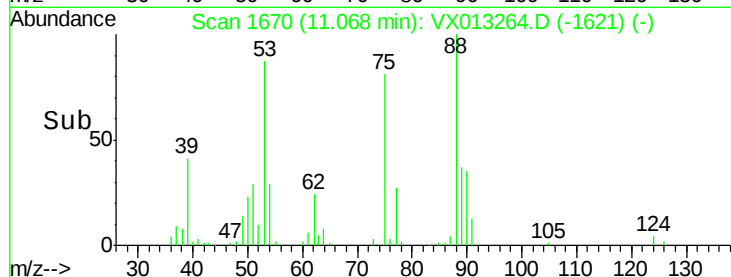
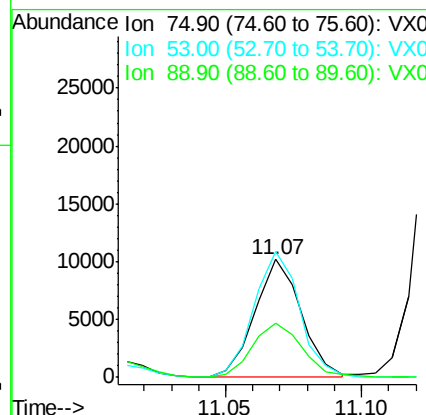
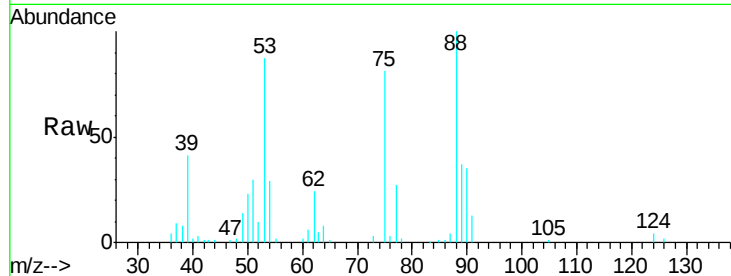
ClientSampleId :

VX1029WBSD01

Tgt Ion:	75	Resp:	12106
Ion Ratio	Lower	Upper	
75	100		
53	104.3	77.9	116.9
89	48.5	37.3	55.9

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#82

4-Chlorotoluene

Concen: 20.675 ug/l

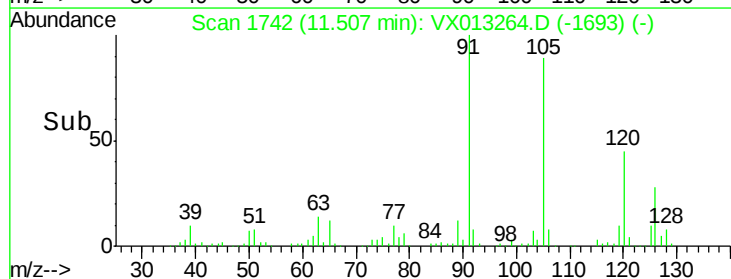
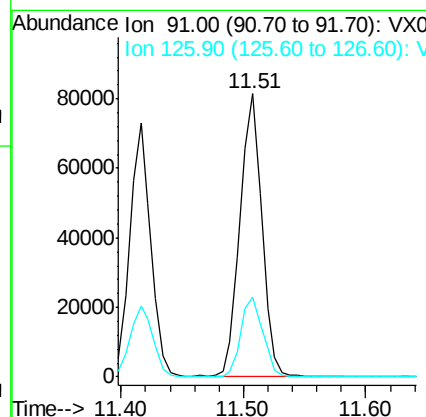
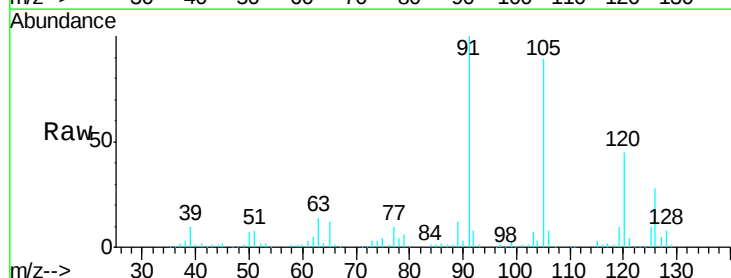
RT: 11.51 min Scan# 1742

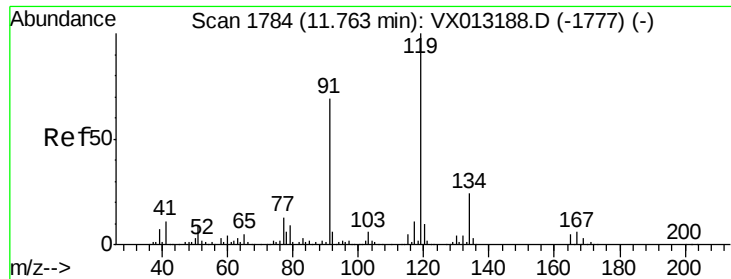
Delta R.T. 0.00 min

Lab File: VX013264.D

Acq: 29 Oct 2019 12:33

Tgt Ion:	91	Resp:	100185
Ion Ratio	Lower	Upper	
91	100		
126	28.5	14.6	44.0





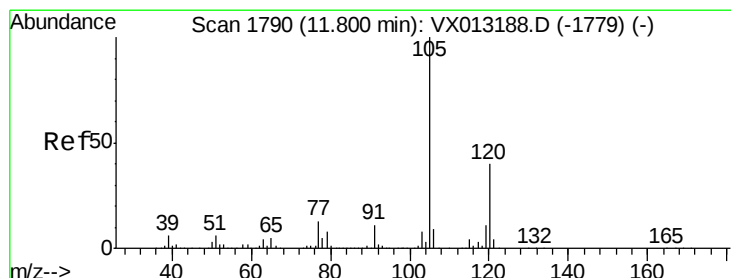
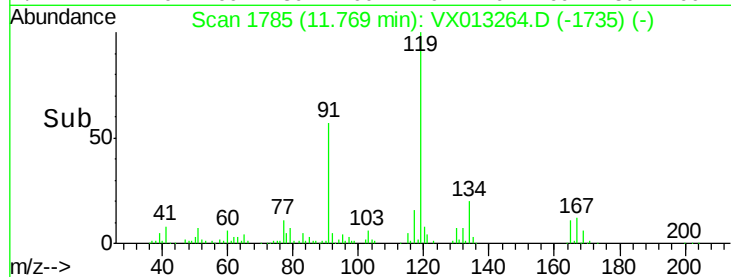
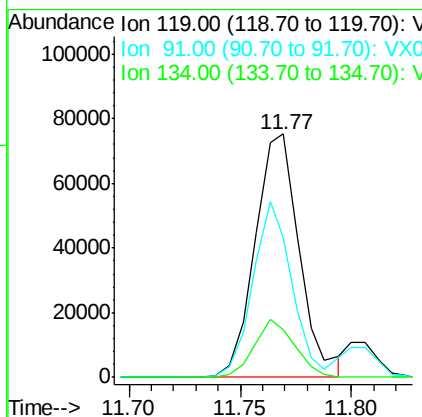
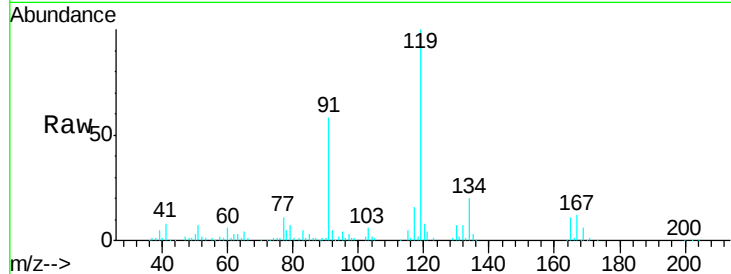
#83
 tert-Butylbenzene
 Concen: 20.278 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	103912		
91	63.7	30.8	92.4	
134	21.8	11.5	34.5	

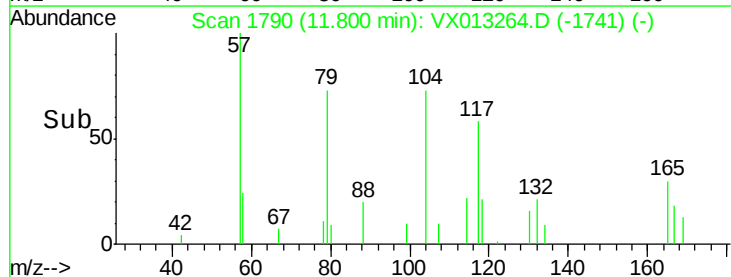
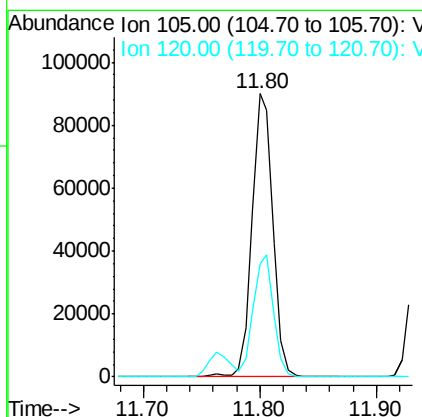
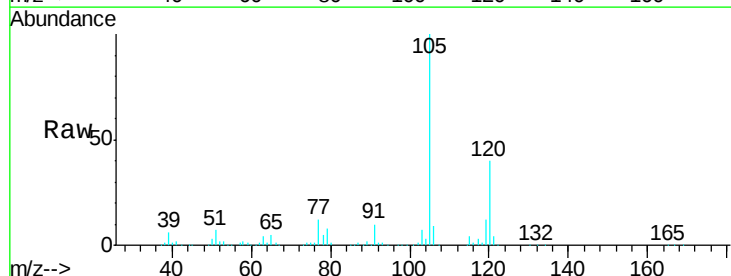
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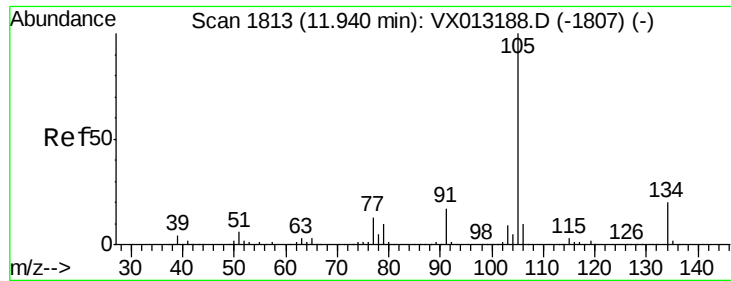
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.454 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	112083		
120	41.9	21.4	64.3	





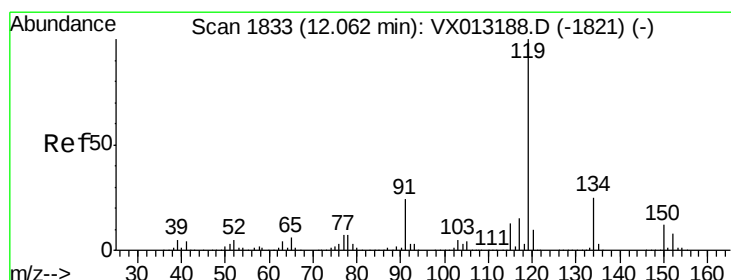
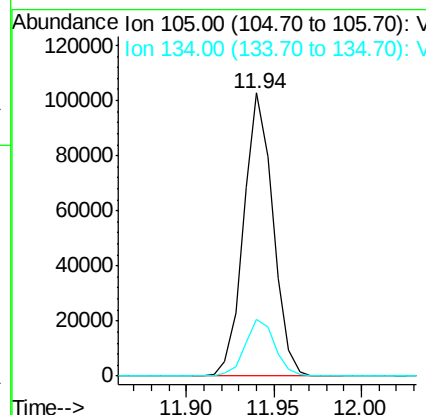
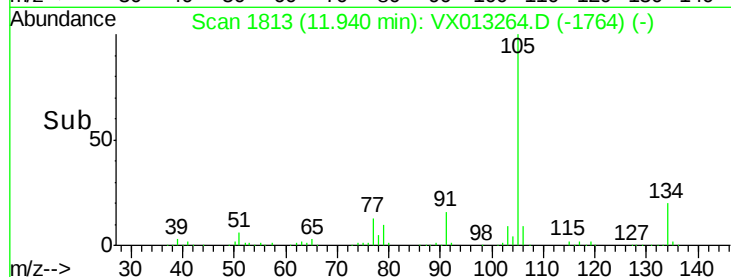
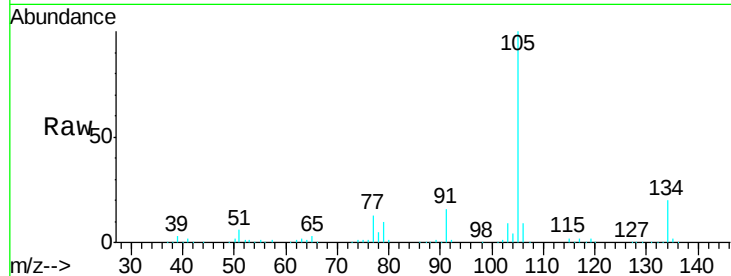
#85
 sec-Butylbenzene
 Concen: 20.495 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD01

Tgt Ion:105 Resp: 119517
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.9 29.7

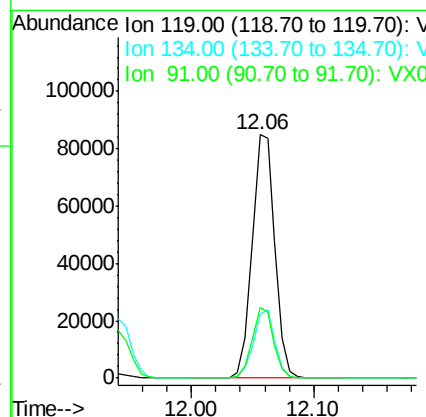
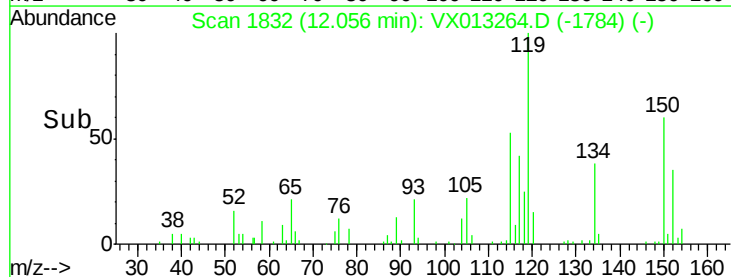
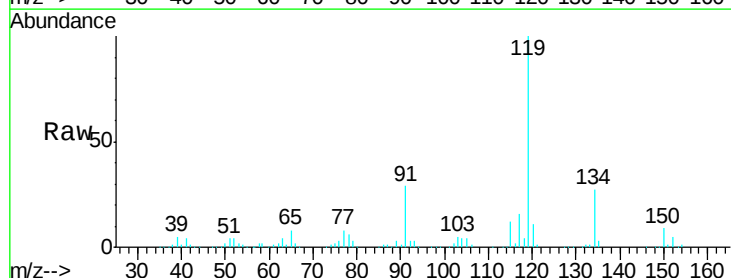
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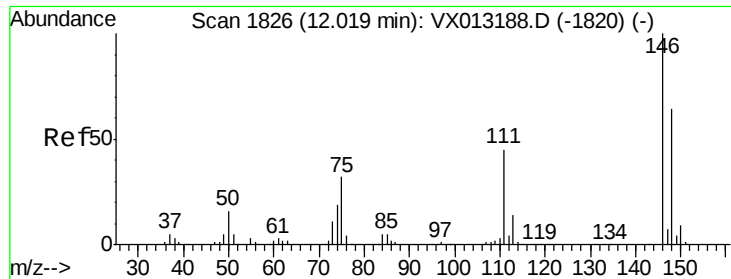
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#86
 p-Isopropyltoluene
 Concen: 19.992 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Tgt Ion:119 Resp: 109522
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.5 37.5
 91 27.5 12.4 37.2





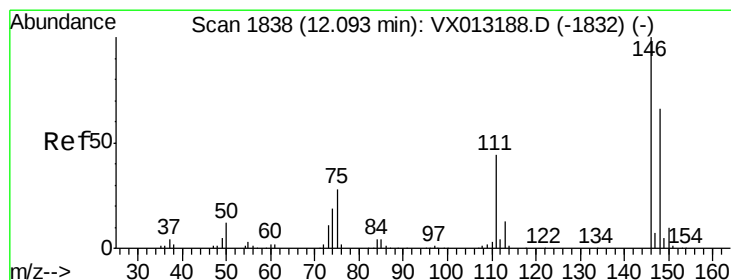
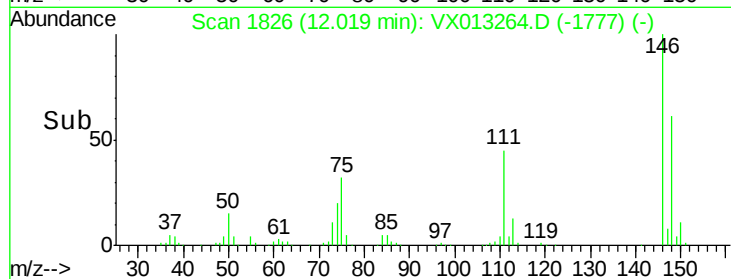
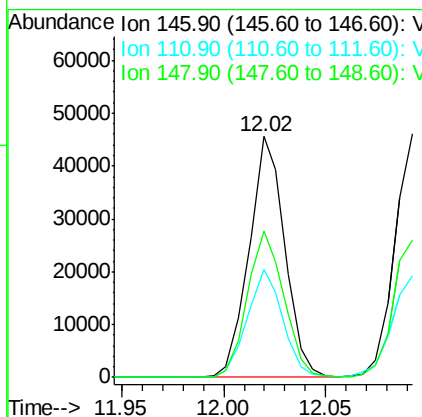
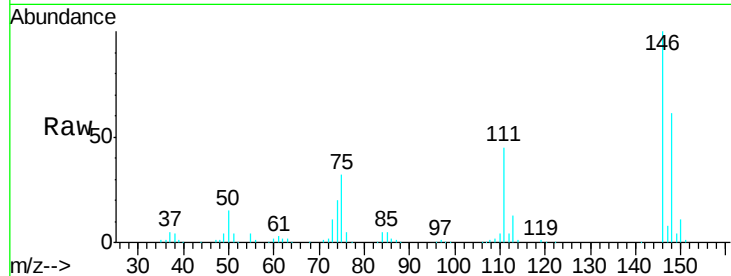
#87
 1,3-Dichlorobenzene
 Concen: 20.570 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.3	63.9
148	62.0	31.6	94.8

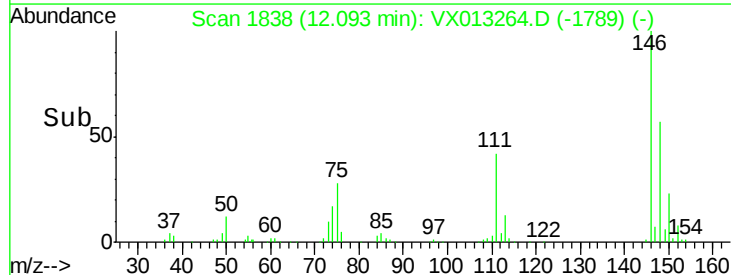
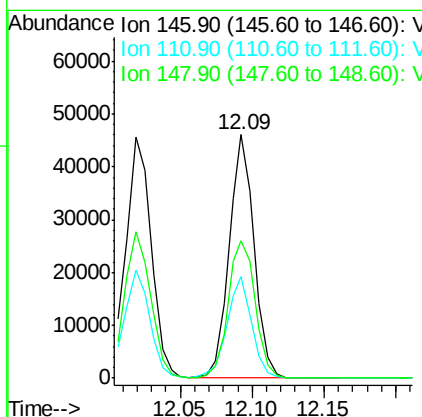
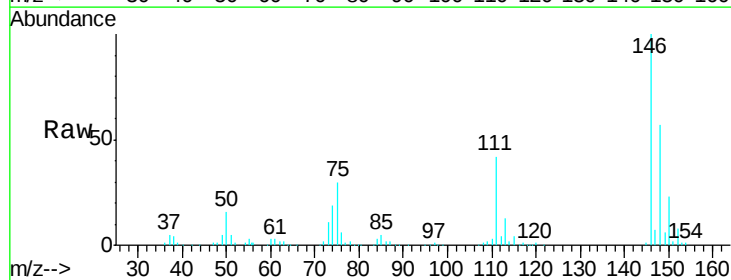
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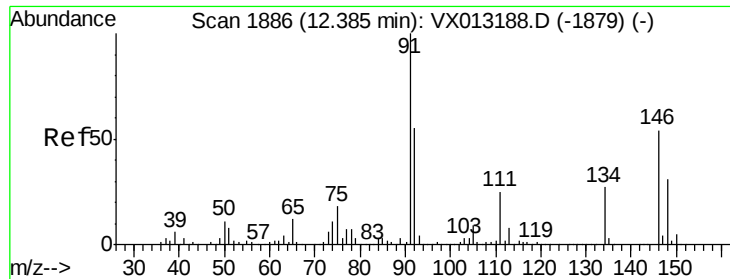
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#88
 1,4-Dichlorobenzene
 Concen: 20.375 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.3	63.9
148	61.4	32.5	97.5





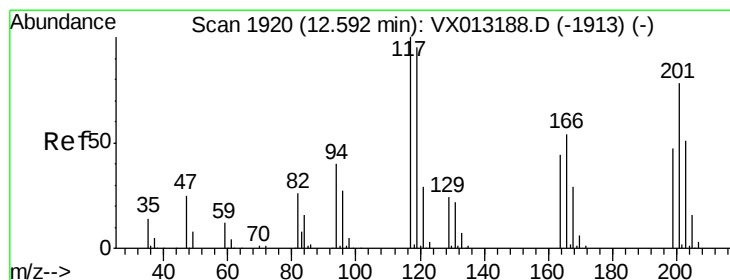
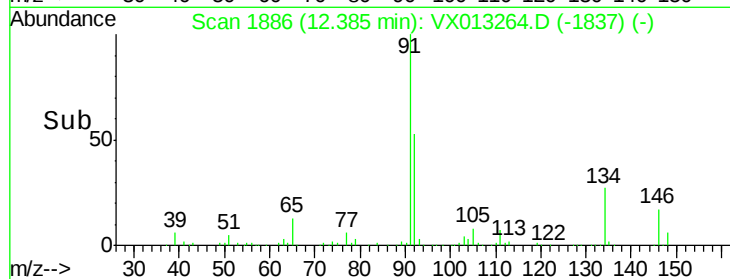
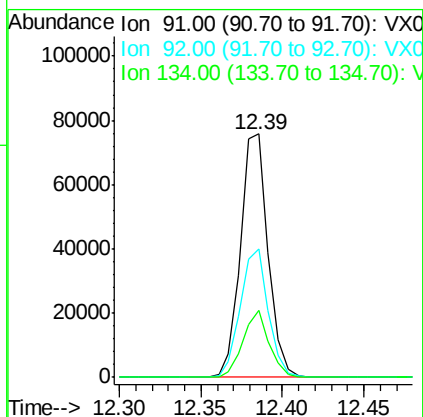
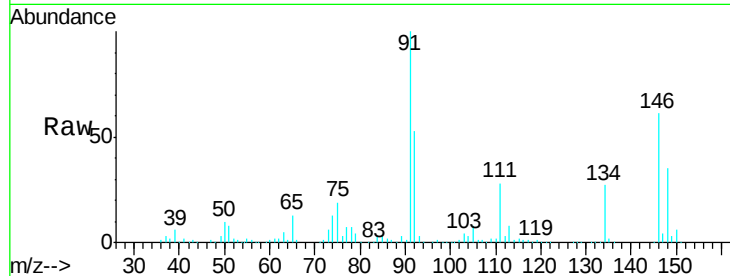
#89
n-Butylbenzene
Concen: 19.937 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion: 91 Resp: 89350
Ion Ratio Lower Upper
91 100
92 53.8 27.7 83.1
134 25.8 13.2 39.6

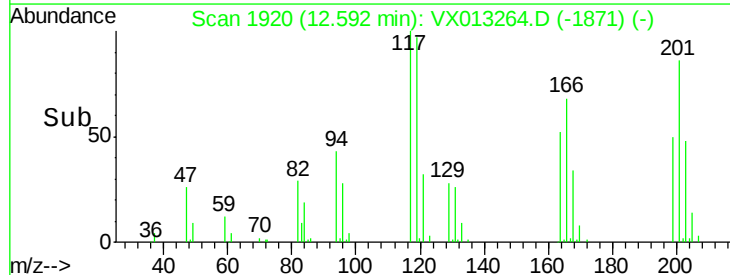
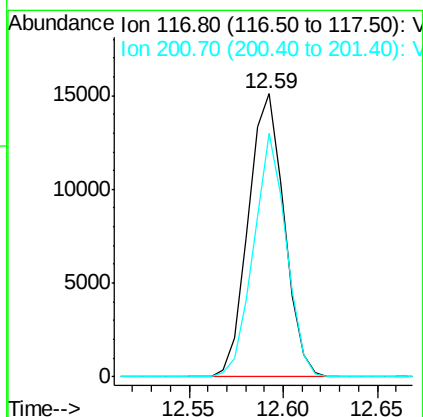
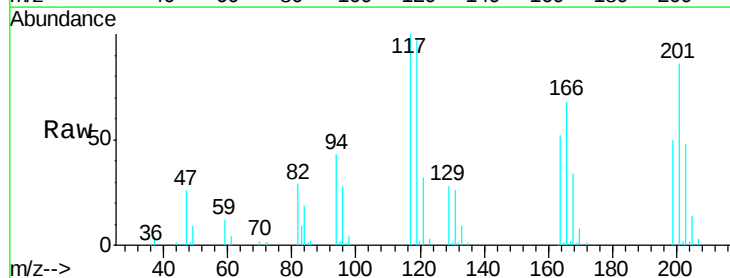
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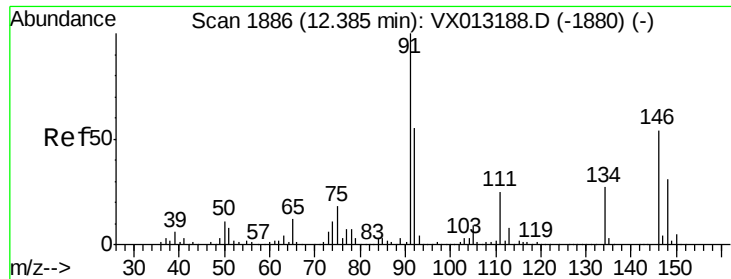
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#90
Hexachloroethane
Concen: 21.671 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion: 117 Resp: 19882
Ion Ratio Lower Upper
117 100
201 78.2 39.0 116.9





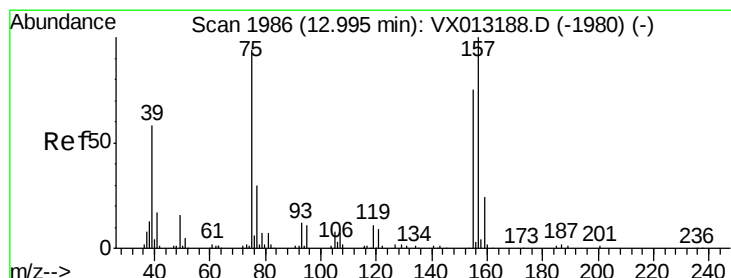
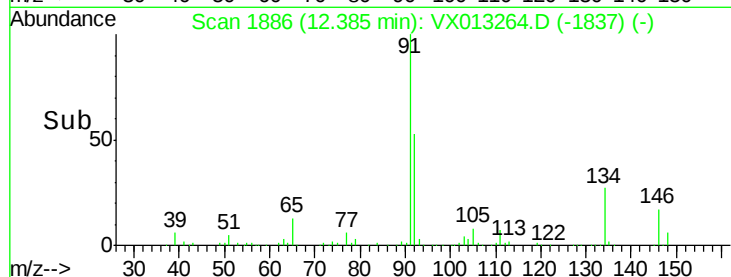
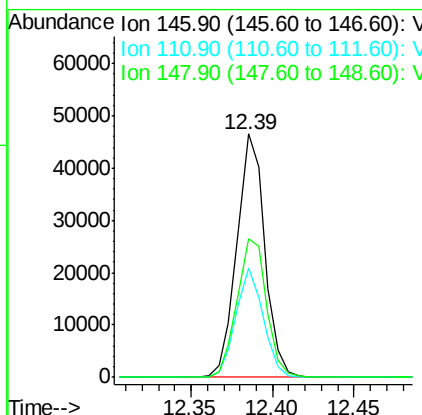
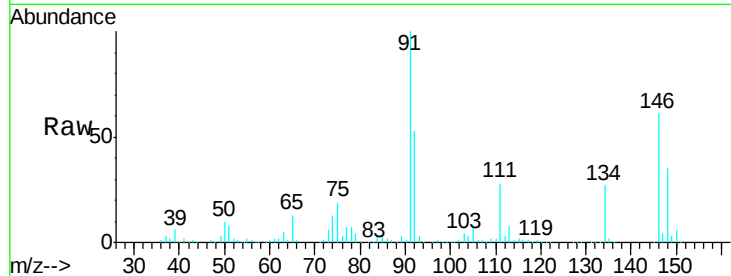
#91
 1,2-Dichlorobenzene
 Concen: 20.901 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.9	68.8
148	60.2	31.8	95.3

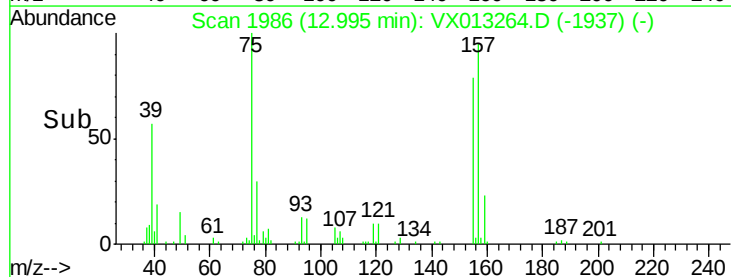
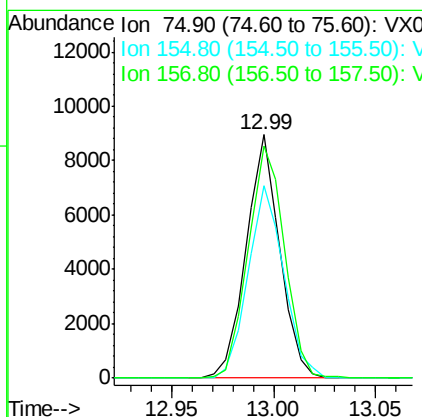
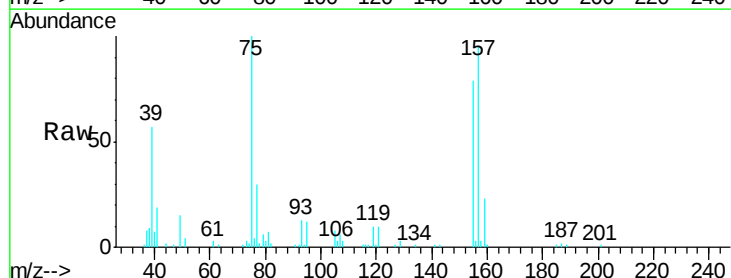
Manual Integrations
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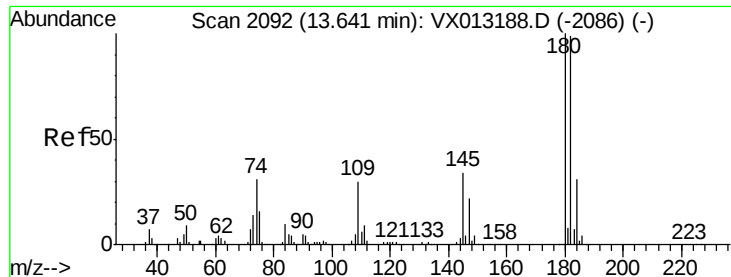
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.774 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.0	42.8	128.4
157	103.4	54.3	162.8





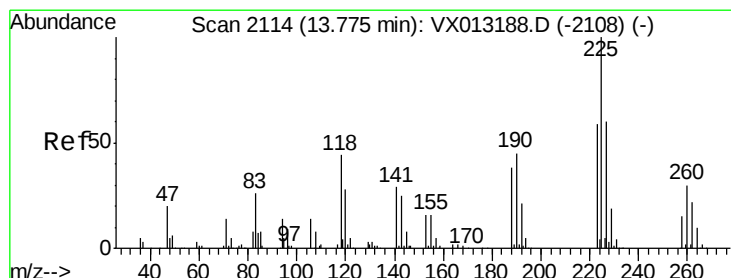
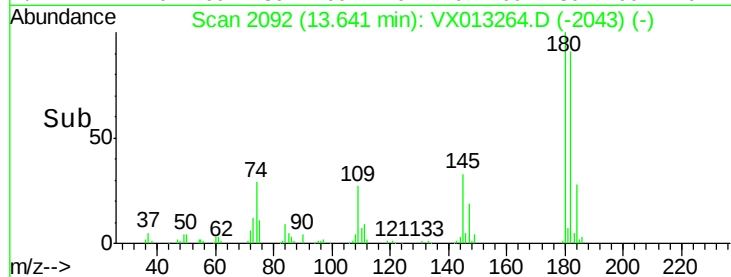
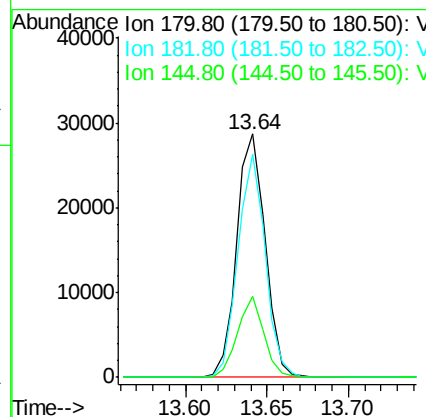
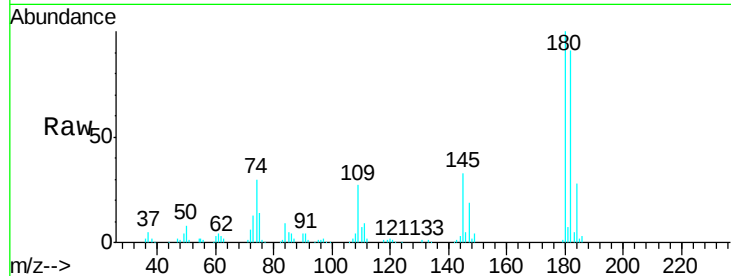
#93
 1,2,4-Trichlorobenzene
 Concen: 20.808 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.2	45.9	137.6
145	31.1	15.9	47.6

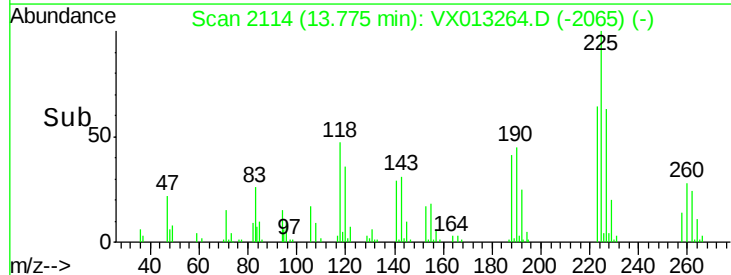
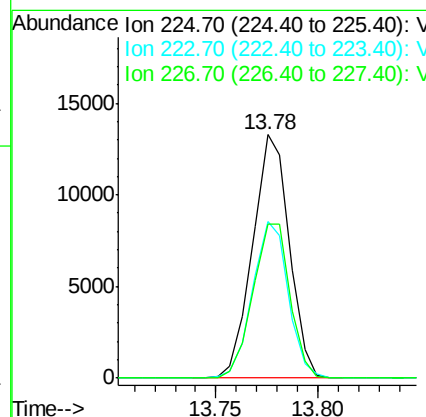
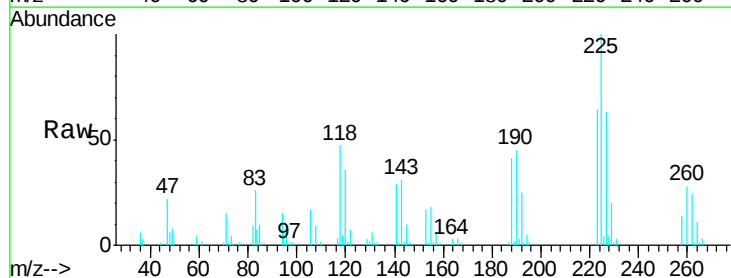
Manual Integrations
 APPROVED

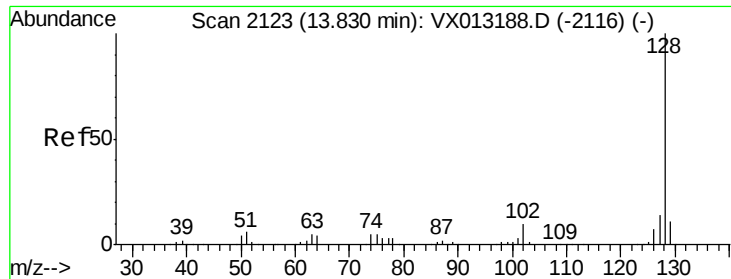
MMDadoda
 10/30/2019 10:49:15 AM



#94
 Hexachlorobutadiene
 Concen: 19.215 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013264.D
 Acq: 29 Oct 2019 12:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.9	92.5
227	64.3	30.3	90.9





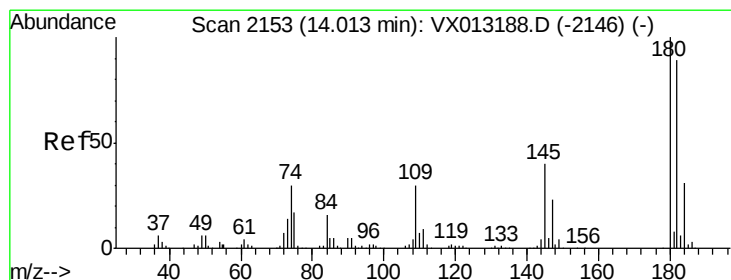
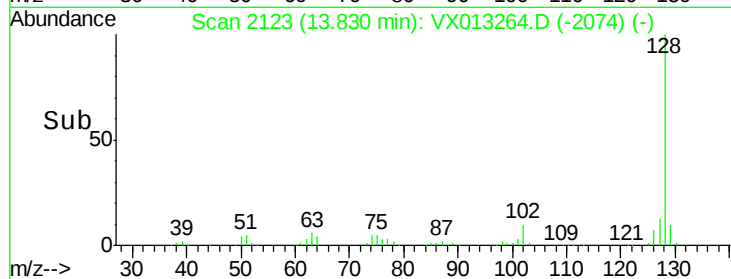
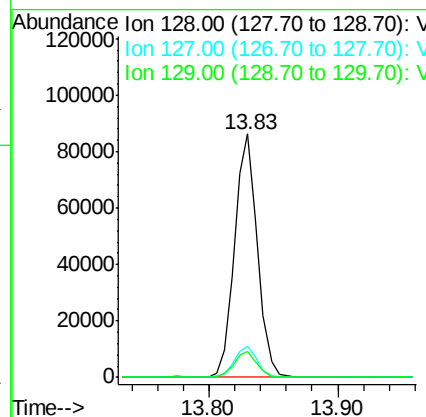
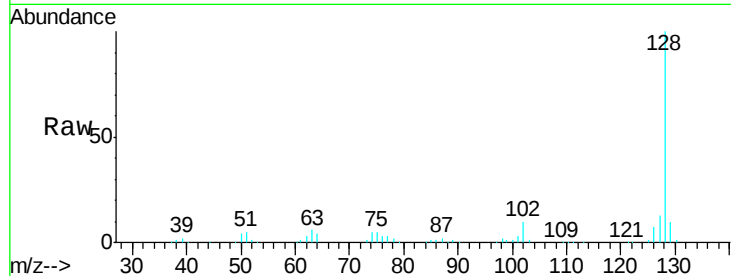
#95
Naphthalene
Concen: 20.862 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	106969		
127	12.6		10.7	16.1
129	10.5		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/30/2019 10:49:15 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.214 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013264.D
Acq: 29 Oct 2019 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	33371		
182	98.2		48.3	144.9
145	35.4		18.6	55.6

