

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102919\
 Data File : VX013275.D
 Acq On : 29 Oct 2019 17:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 10:49:22 AM

Quant Time: Oct 30 03:40:20 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	69730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	99515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	102077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	73983	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	74248	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
35) Dibromofluoromethane	5.48	113	57969	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	8.71	98	205360	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.13	95	82989	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	68557	48.725	ug/l	99
3) Chloromethane	1.32	50	53428	46.186	ug/l	95
4) Vinyl Chloride	1.40	62	56808	44.864	ug/l	96
5) Bromomethane	1.63	94	30109	44.862	ug/l	97
6) Chloroethane	1.71	64	36126	51.033	ug/l	98
7) Trichlorofluoromethane	1.92	101	106869	53.464	ug/l	99
8) Diethyl Ether	2.18	74	33756	49.258	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	62408	50.433	ug/l	99
10) Methyl Iodide	2.50	142	73109	47.115	ug/l	98
11) Tert butyl alcohol	3.03	59	84432	266.928	ug/l	99
12) 1,1-Dichloroethene	2.36	96	57870	48.718	ug/l	95
13) Acrolein	2.28	56	40600	237.270	ug/l	97
14) Allyl chloride	2.72	41	86456	46.232	ug/l	95
15) Acrylonitrile	3.13	53	160530	249.717	ug/l	99
16) Acetone	2.44	43	166292	242.020	ug/l	99
17) Carbon Disulfide	2.56	76	139230	43.598	ug/l	100
18) Methyl Acetate	2.76	43	79388	52.858	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	212655	50.838	ug/l	100
20) Methylene Chloride	2.84	84	66160	51.482	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	63826	51.626	ug/l	94
22) Diisopropyl ether	3.84	45	176863	48.369	ug/l	98
23) Vinyl Acetate	3.80	43	779494	250.813	ug/l	99
24) 1,1-Dichloroethane	3.69	63	112167	49.872	ug/l	98
25) 2-Butanone	4.65	43	224967	244.139	ug/l	95
26) 2,2-Dichloropropane	4.58	77	105742	50.872	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	72434	49.791	ug/l	98
28) Bromochloromethane	5.00	49	29992	51.716	ug/l	95
29) Tetrahydrofuran	5.11	42	134664	242.450	ug/l	99
30) Chloroform	5.20	83	125548	52.430	ug/l	98
31) Cyclohexane	5.57	56	90623	48.047	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	114783	53.911	ug/l	99
36) 1,1-Dichloropropene	5.79	75	87502	52.532	ug/l	100
37) Ethyl Acetate	4.82	43	83926	50.608	ug/l	99
38) Carbon Tetrachloride	5.78	117	99700	54.202	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	100467	47.158	ug/l	100
40) Benzene	6.13	78	249293	49.874	ug/l	99
41) Methacrylonitrile	5.03	41	46528	52.332	ug/l	98
42) 1,2-Dichloroethane	6.18	62	104255	55.319	ug/l	99
43) Isopropyl Acetate	6.43	43	139900	50.810	ug/l	99
44) Trichloroethene	7.20	130	71668	50.518	ug/l	97
45) 1,2-Dichloropropane	7.51	63	61939	49.474	ug/l	96
46) Dibromomethane	7.65	93	45948	50.941	ug/l	99
47) Bromodichloromethane	7.89	83	96541	54.922	ug/l	97
48) Methyl methacrylate	7.76	41	69512	51.079	ug/l	99
49) 1,4-Dioxane	7.73	88	37661	1087.353	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	431459	257.087	ug/l	100
52) Toluene	8.78	92	164374	49.621	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	105624	56.545	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	110457	54.054	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	68121	52.013	ug/l	98
56) Ethyl methacrylate	9.17	69	106880	54.222	ug/l	99
57) 1,3-Dichloropropane	9.37	76	115140	52.104	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	202413	263.168	ug/l	99
59) 2-Hexanone	9.48	43	338741	262.031	ug/l	98
60) Dibromochloromethane	9.57	129	76610	55.824	ug/l	99
61) 1,2-Dibromoethane	9.67	107	73206	52.652	ug/l	99
64) Tetrachloroethene	9.33	164	69825	55.657	ug/l	98
65) Chlorobenzene	10.14	112	181436	50.776	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	72679	55.059	ug/l	97
67) Ethyl Benzene	10.25	91	325865	50.940	ug/l	98
68) m/p-Xylenes	10.35	106	245987	101.751	ug/l	100
69) o-Xylene	10.70	106	116782	50.357	ug/l	96
70) Styrene	10.71	104	207617	51.992	ug/l	99
71) Bromoform	10.85	173	56627	58.711	ug/l #	99
73) Isopropylbenzene	11.01	105	315158	46.910	ug/l	97
74) N-amyl acetate	10.89	43	123250	49.983	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	96208	47.162	ug/l	94
76) 1,2,3-Trichloropropane	11.29	75	82236m	46.119	ug/l	
77) Bromobenzene	11.25	156	76731	47.653	ug/l	97
78) n-propylbenzene	11.35	91	352915	48.359	ug/l	99
79) 2-Chlorotoluene	11.42	91	220814	47.889	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	282418	50.574	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	32833	50.599	ug/l	94
82) 4-Chlorotoluene	11.51	91	259183	49.610	ug/l	97
83) tert-Butylbenzene	11.76	119	268377	48.576	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	272414	48.364	ug/l	98
85) sec-Butylbenzene	11.94	105	311105	49.482	ug/l	99
86) p-Isopropyltoluene	12.06	119	302461	51.207	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	136273	46.846	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	140769	47.529	ug/l	99
89) n-Butylbenzene	12.39	91	236395	48.924	ug/l	99
90) Hexachloroethane	12.59	117	52647	53.224	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	136994	47.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26754	52.740	ug/l	99

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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	85364	47.392	ug/l	96
94) Hexachlorobutadiene	13.78	225	45040	48.339	ug/l	96
95) Naphthalene	13.83	128	273144	49.409	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	87469	49.143	ug/l	98

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

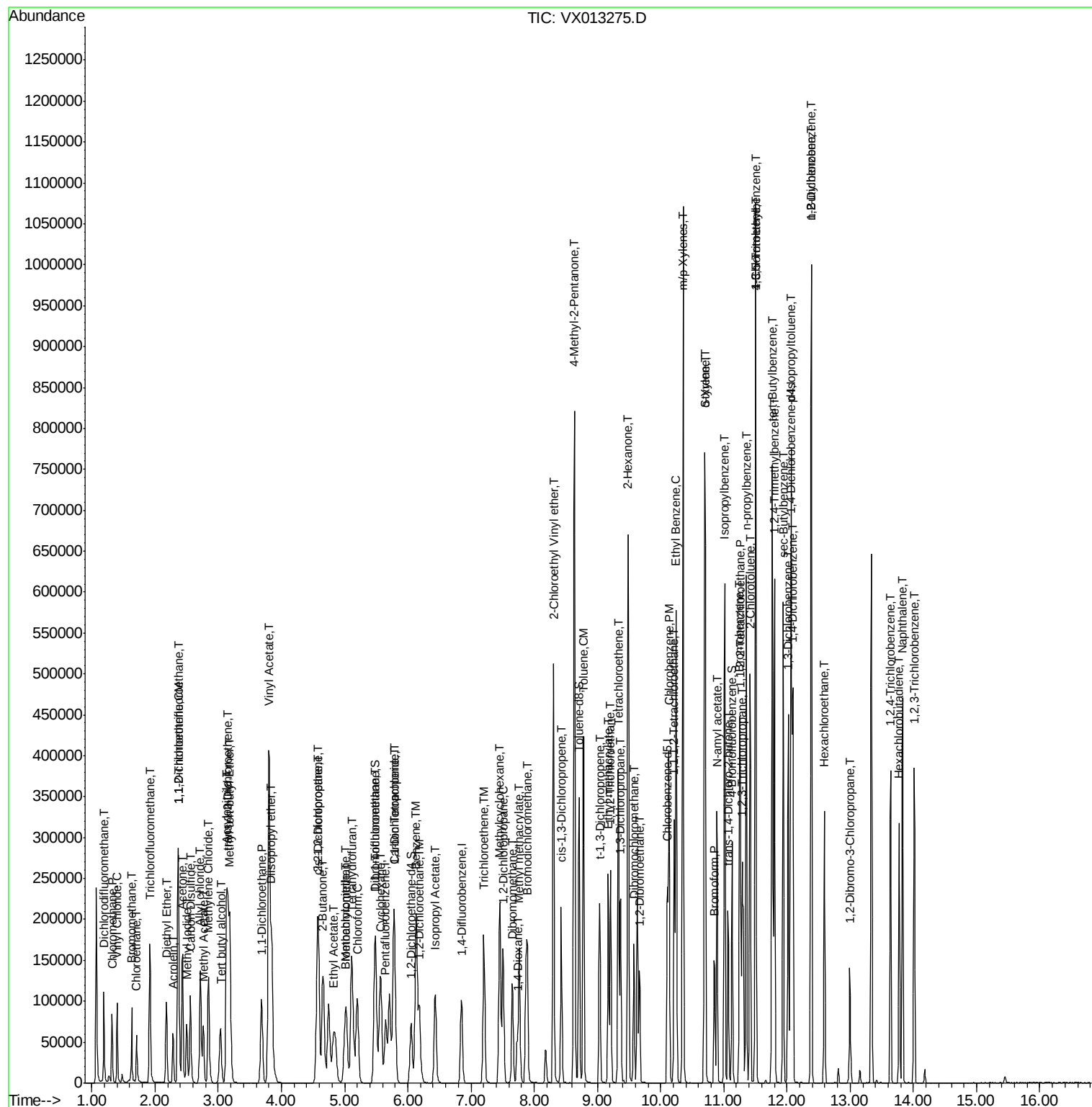
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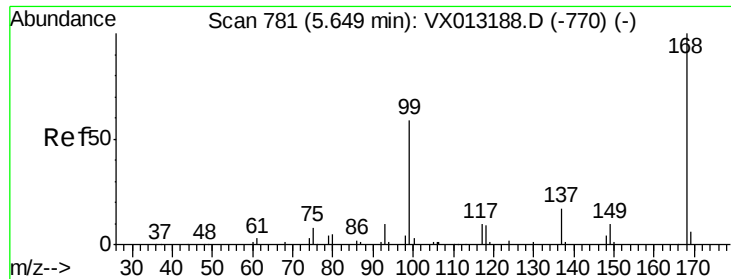
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 69730

Ion Ratio Lower Upper

168 100

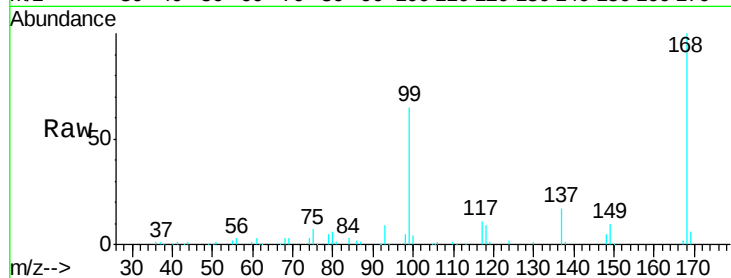
99 64.7 47.0 70.4

Manual Integrations

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10/30/2019 10:49:22 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

25000

20000

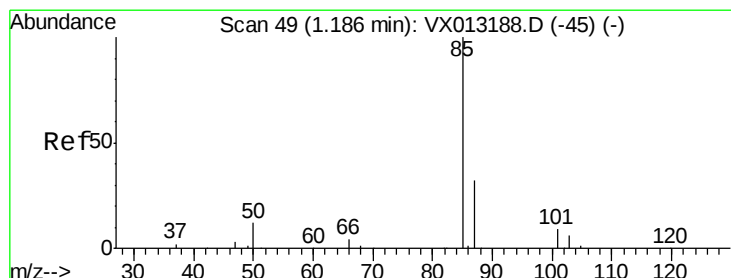
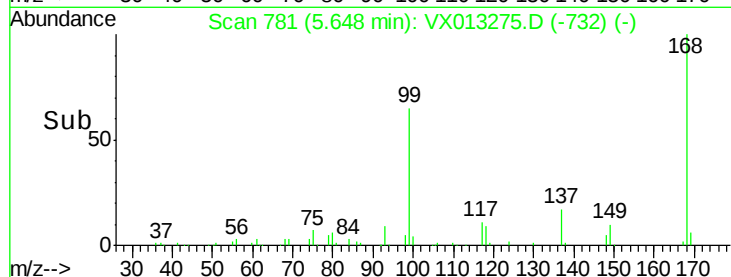
15000

10000

5000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.725 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013275.D

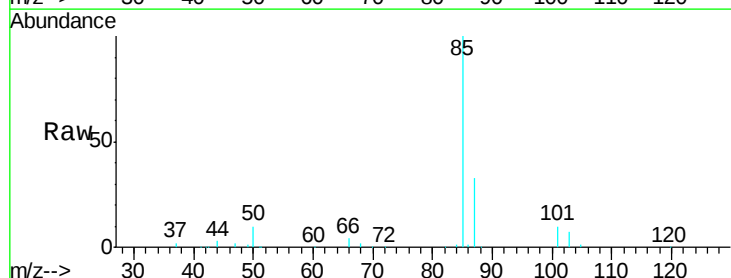
Acq: 29 Oct 2019 17:50

Tgt Ion: 85 Resp: 68557

Ion Ratio Lower Upper

85 100

87 33.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

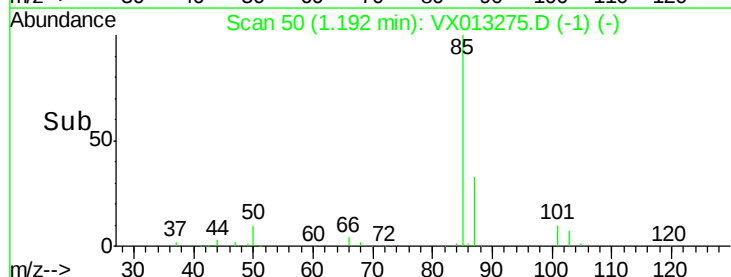
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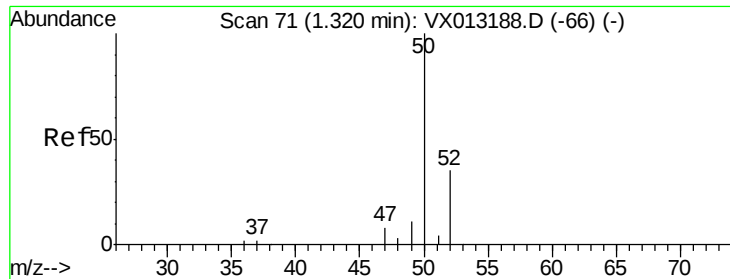
40000

20000

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Time-->





#3

Chloromethane

Concen: 46.186 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 53428

Ion Ratio Lower Upper

50 100

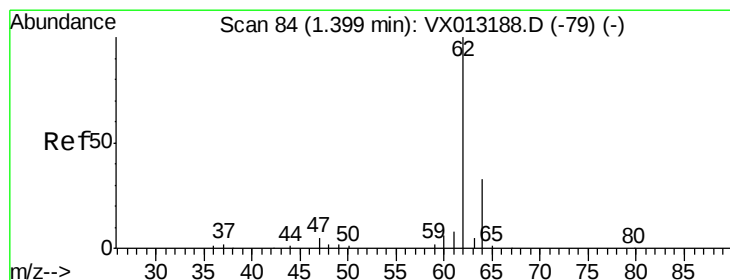
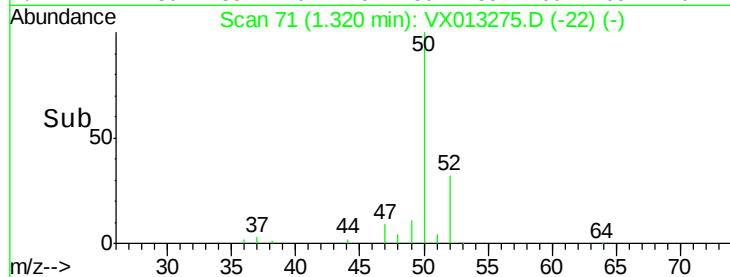
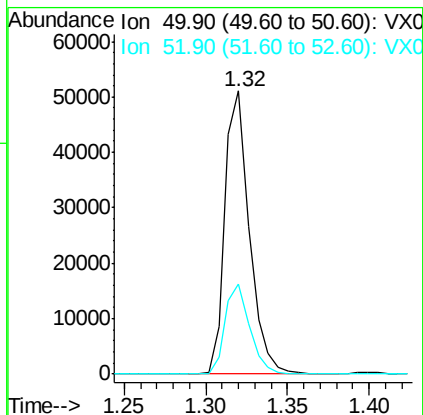
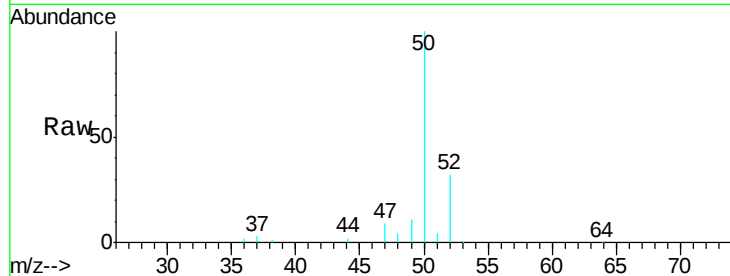
52 31.9 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.864 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013275.D

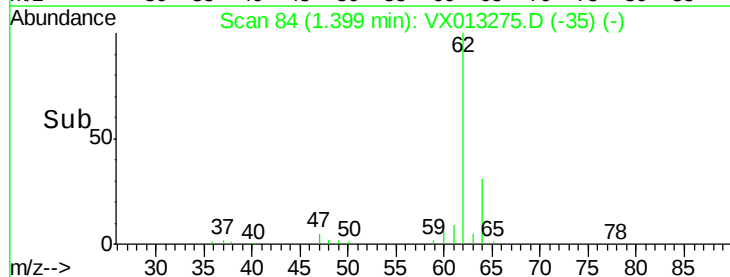
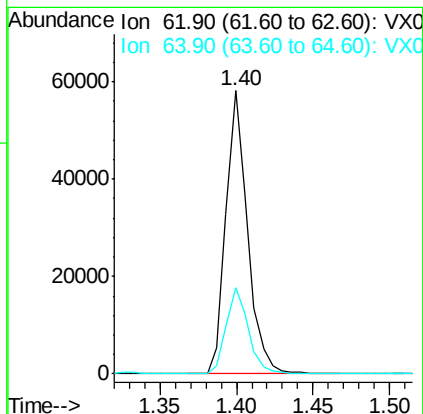
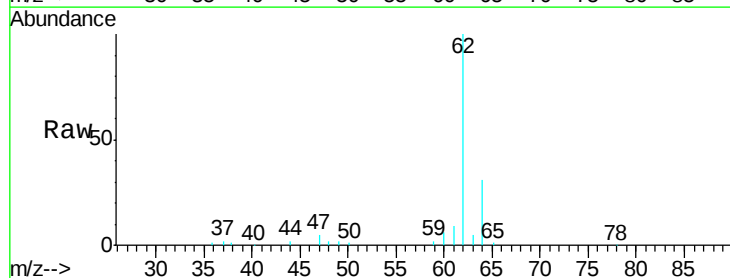
Acq: 29 Oct 2019 17:50

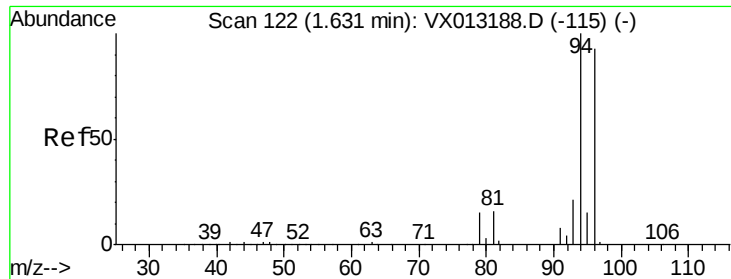
Tgt Ion: 62 Resp: 56808

Ion Ratio Lower Upper

62 100

64 30.6 26.4 39.6





#5

Bromomethane

Concen: 44.862 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 30109

Ion Ratio Lower Upper

94 100

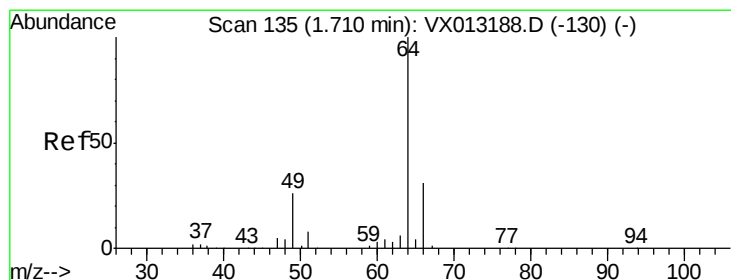
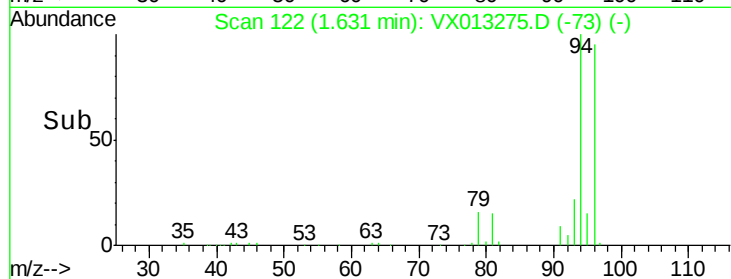
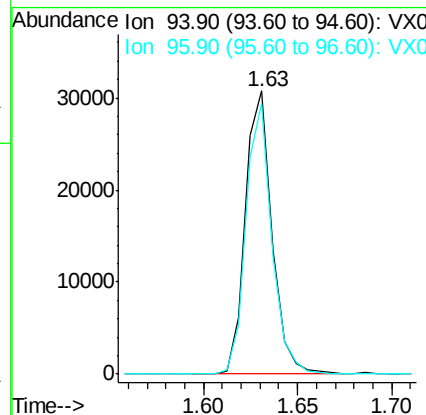
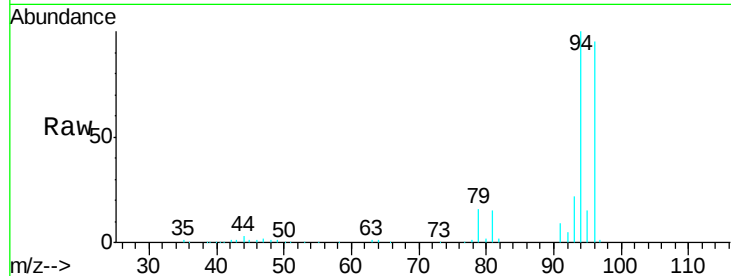
96 95.4 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 51.033 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013275.D

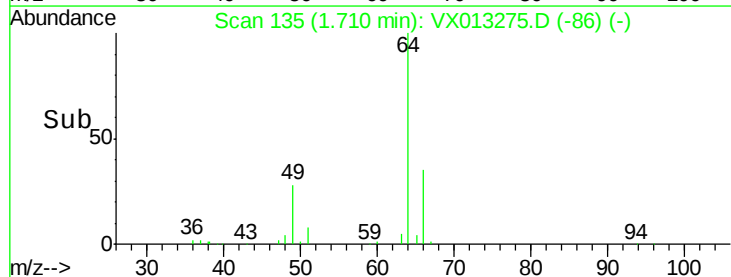
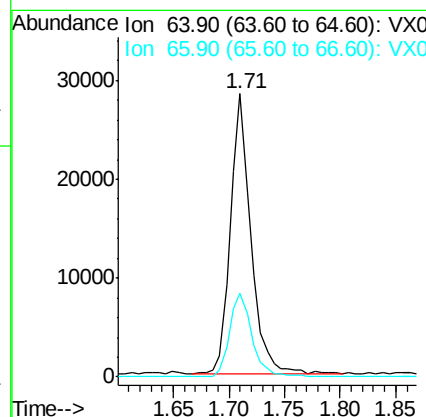
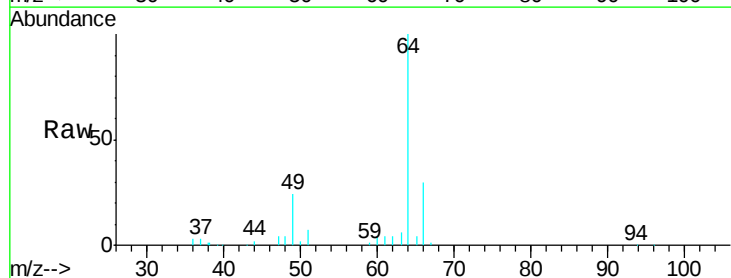
Acq: 29 Oct 2019 17:50

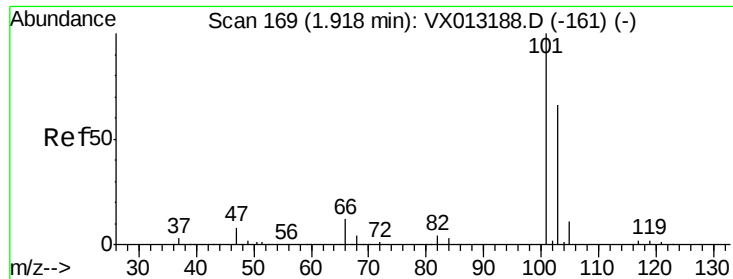
Tgt Ion: 64 Resp: 36126

Ion Ratio Lower Upper

64 100

66 30.0 25.0 37.6





#7

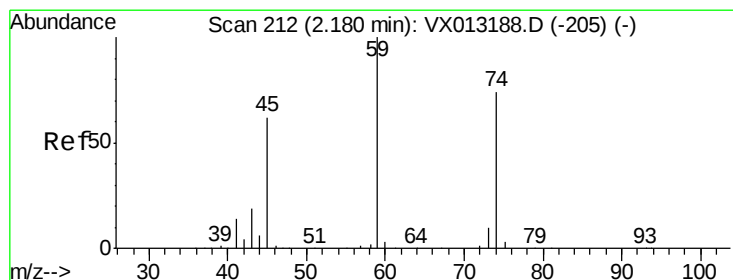
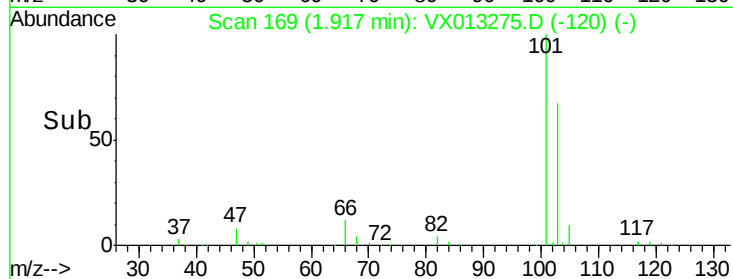
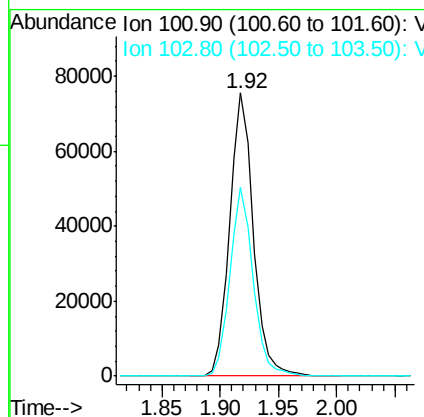
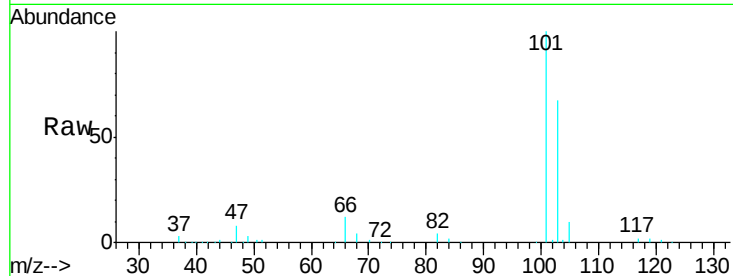
Trichlorofluoromethane
 Concen: 53.464 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	106869		
103	66.8	53.0	79.6	

Manual Integrations
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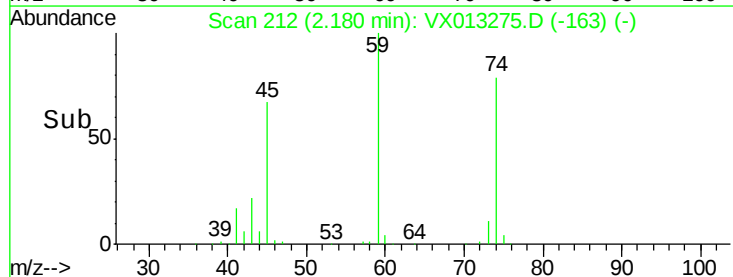
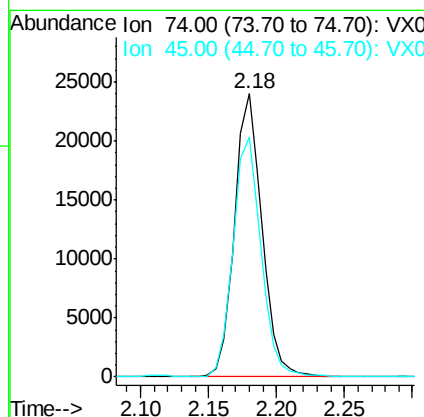
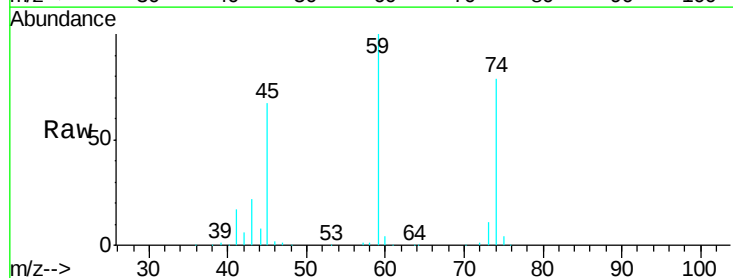
MMDadoda
 10/30/2019 10:49:22 AM

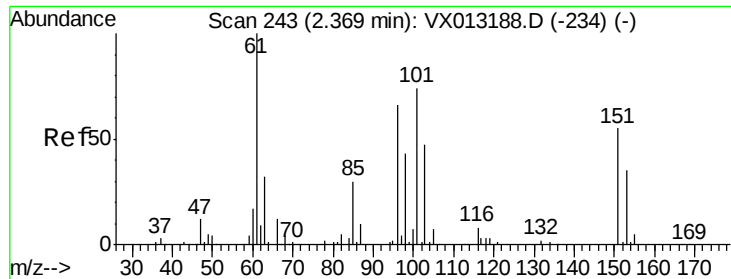


#8

Diethyl Ether
 Concen: 49.258 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	33756		
45	86.6	44.8	134.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.433 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

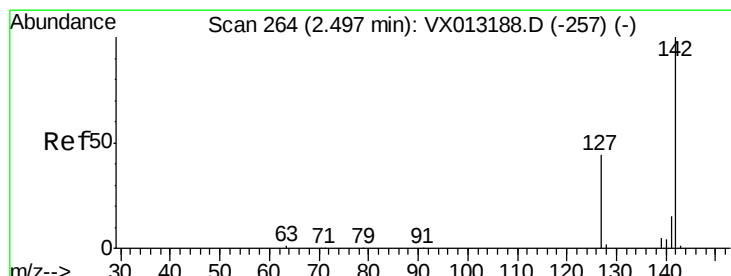
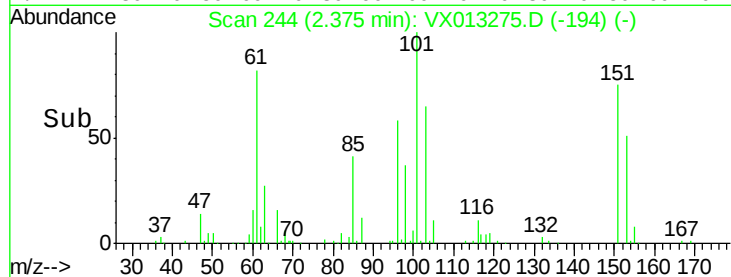
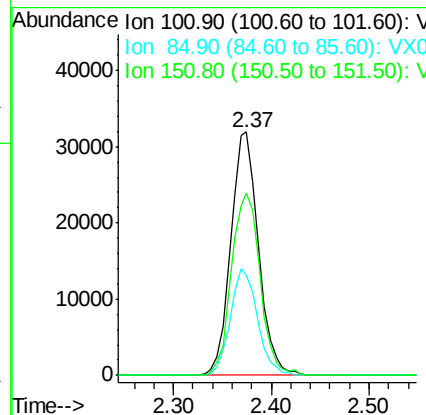
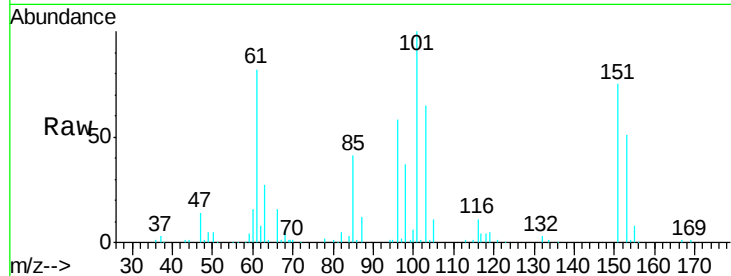
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	62408
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.0	51.0
151	77.7	62.0	93.0

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#10

Methyl Iodide

Concen: 47.115 ug/l

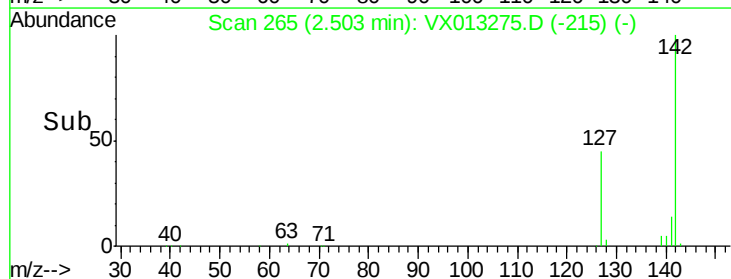
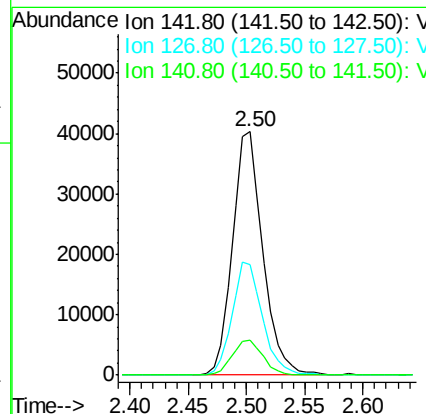
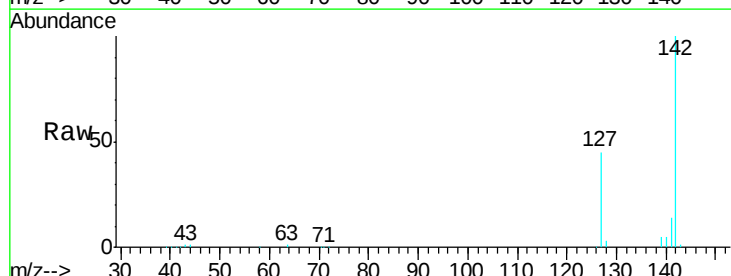
RT: 2.50 min Scan# 265

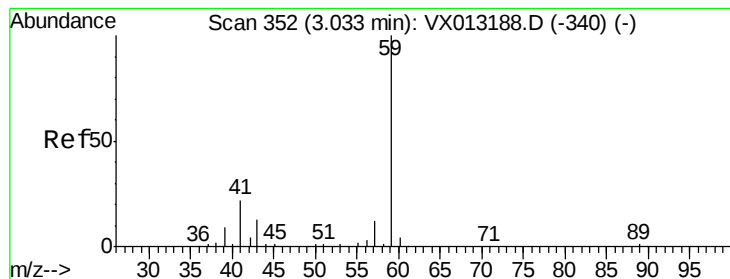
Delta R.T. 0.01 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Tgt Ion:	142	Resp:	73109
Ion Ratio	Lower	Upper	
142	100		
127	46.5	35.6	53.4
141	14.4	11.6	17.4





#11

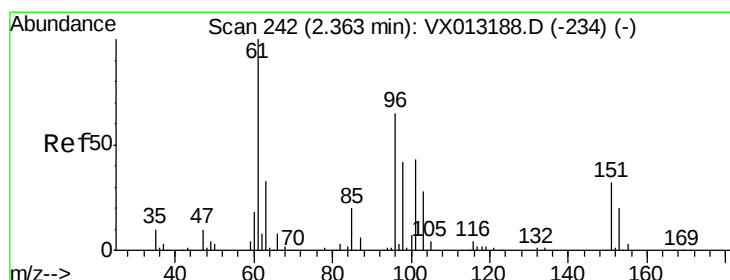
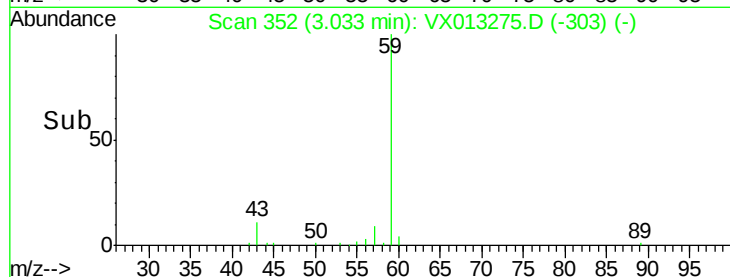
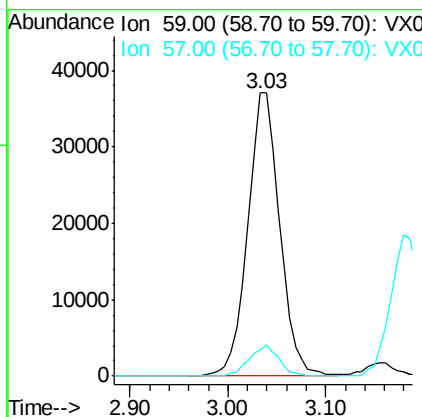
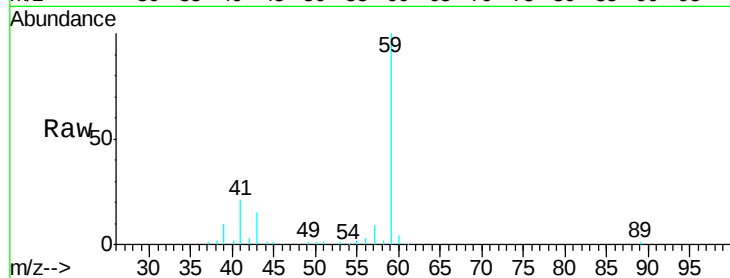
Tert butyl alcohol
Concen: 266.928 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

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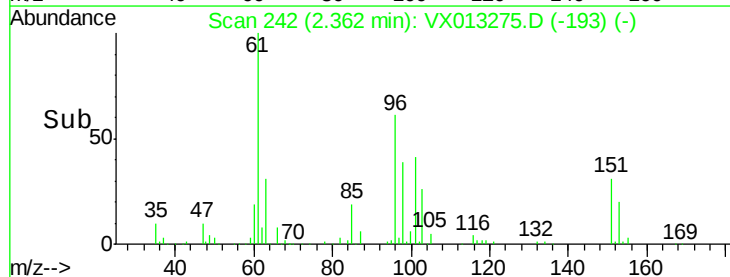
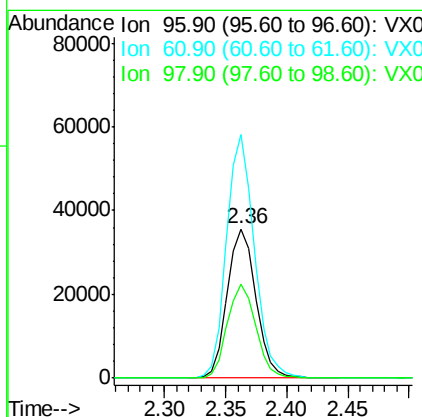
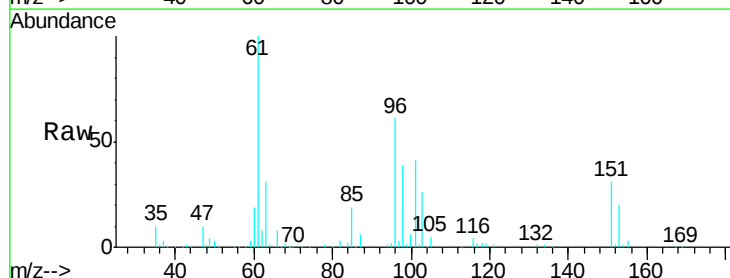
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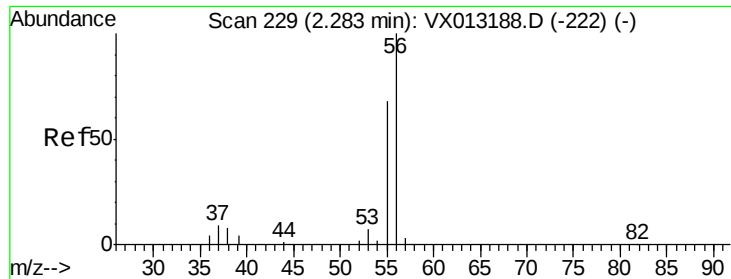


#12

1,1-Dichloroethene
Concen: 48.718 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.3	123.8	185.8
98	63.2	51.6	77.4





#13

Acrolein

Concen: 237.270 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 40600

Ion Ratio Lower Upper

56 100

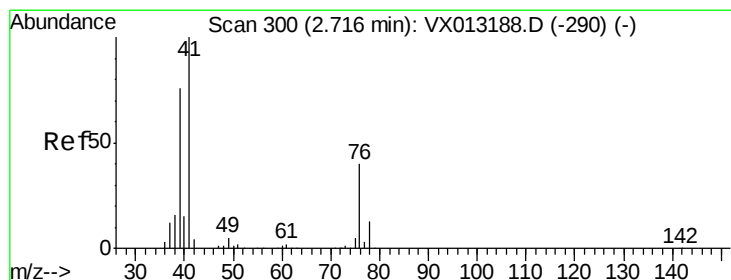
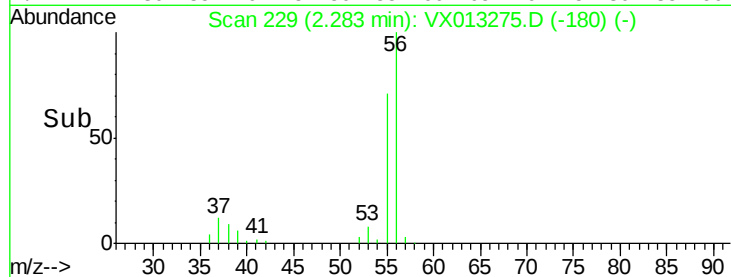
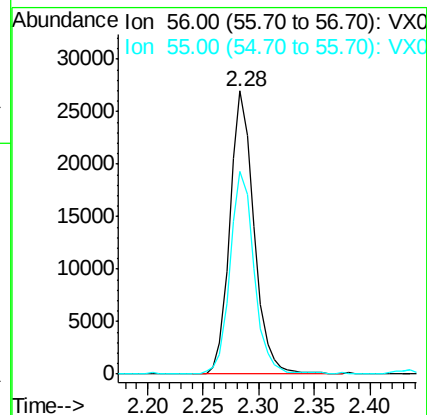
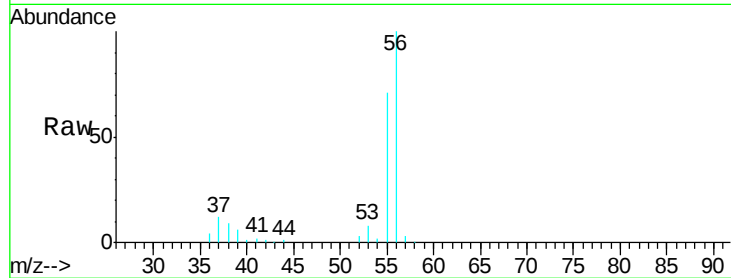
55 70.9 58.9 88.3

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#14

Allyl chloride

Concen: 46.232 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

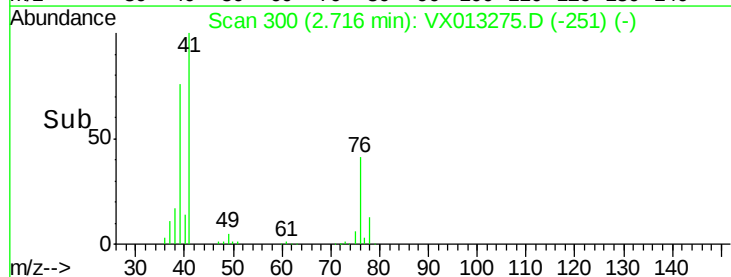
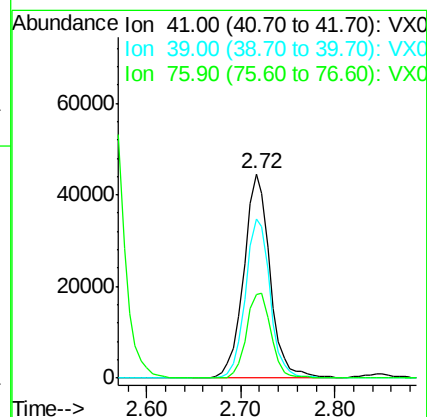
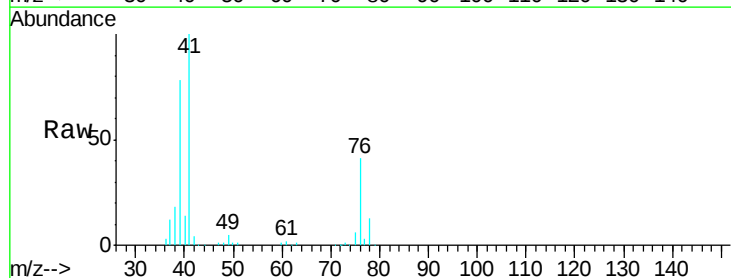
Tgt Ion: 41 Resp: 86456

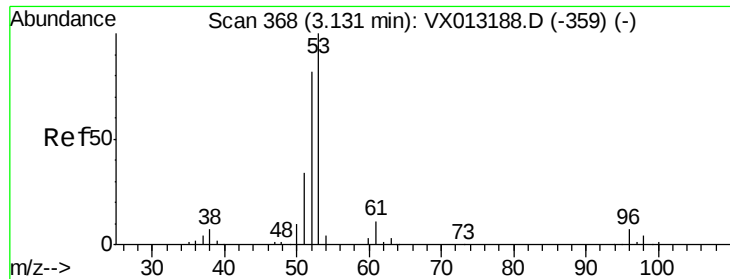
Ion Ratio Lower Upper

41 100

39 73.2 54.6 81.8

76 39.1 29.8 44.6





#15

Acrylonitrile

Concen: 249.717 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

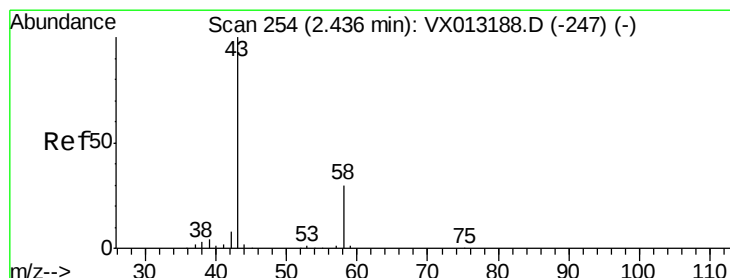
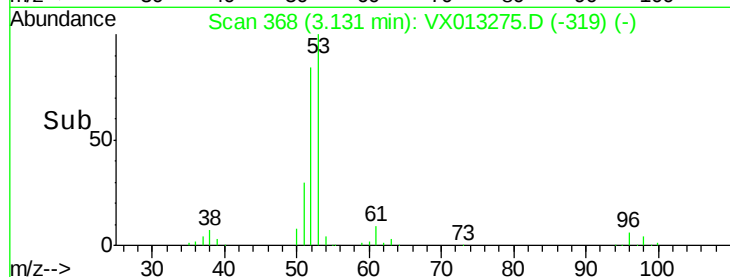
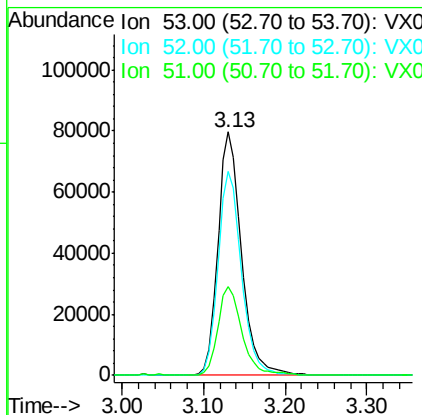
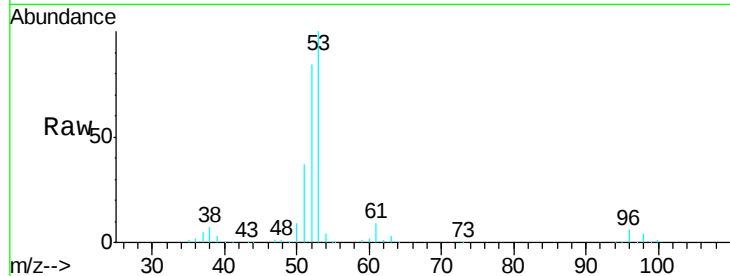
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	160530
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.4	99.6
51	37.5	29.4	44.2

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#16

Acetone

Concen: 242.020 ug/l

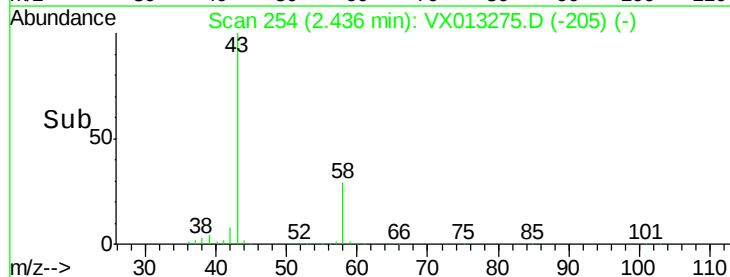
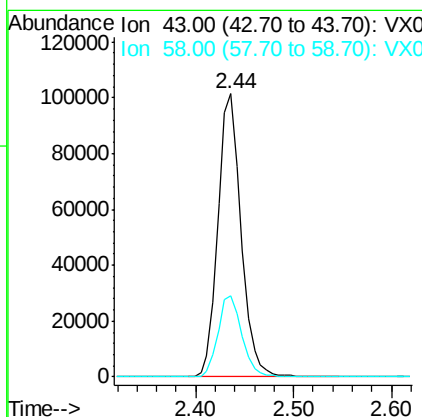
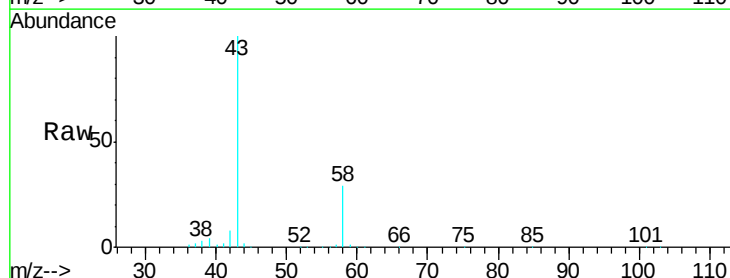
RT: 2.44 min Scan# 254

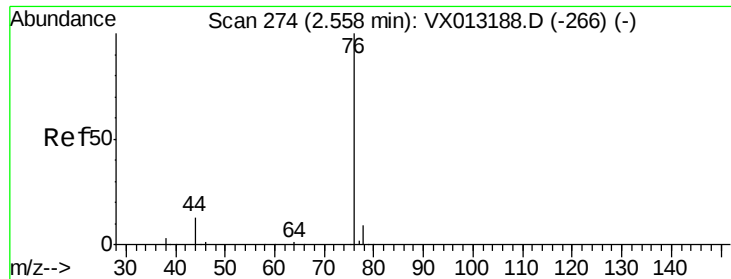
Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Tgt Ion:	43	Resp:	166292
Ion	Ratio	Lower	Upper
43	100		
58	28.9	23.8	35.6





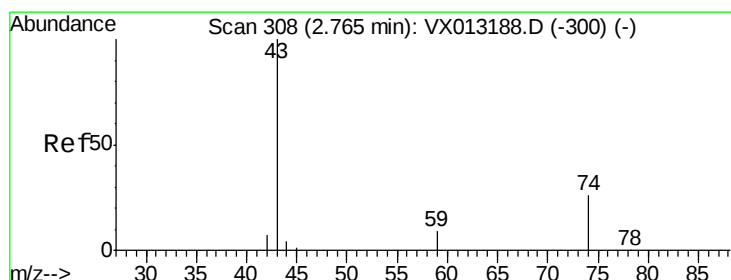
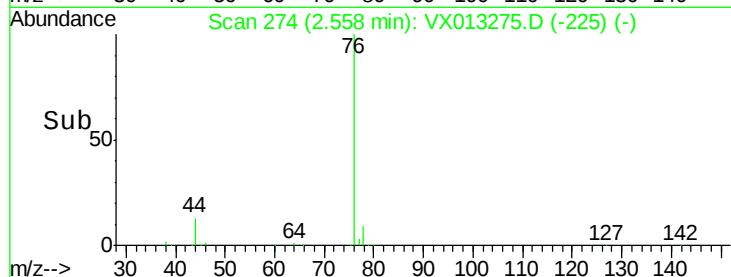
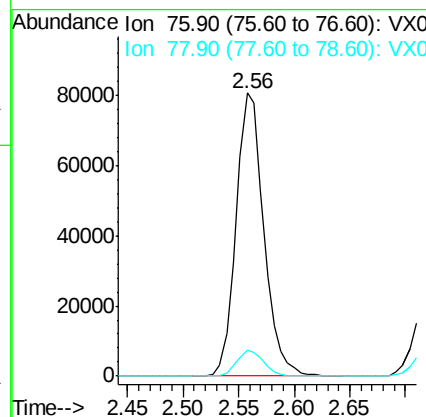
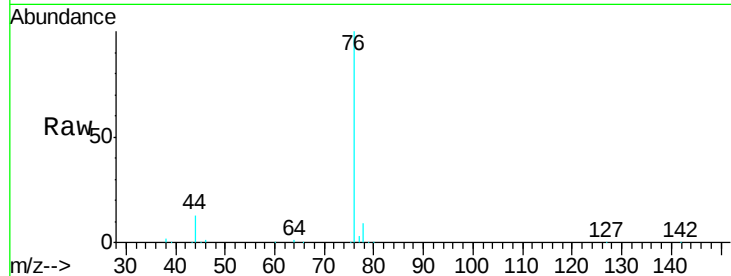
#17
Carbon Disulfide
Concen: 43.598 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

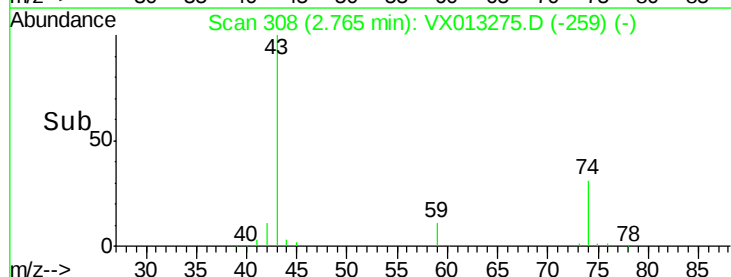
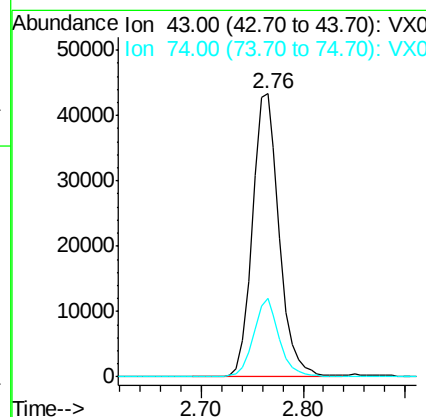
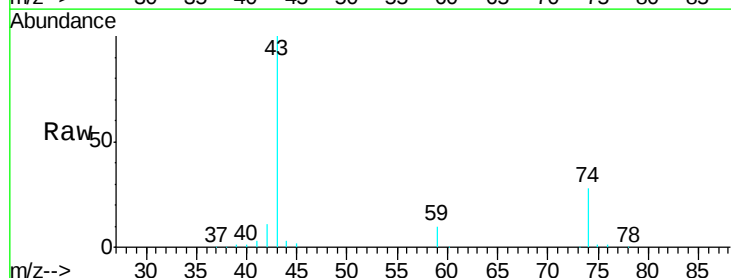
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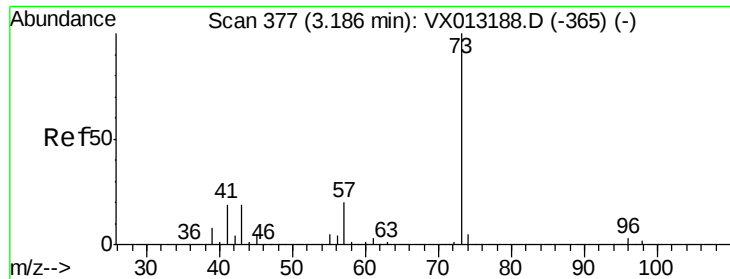
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#18
Methyl Acetate
Concen: 52.858 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	20.9	31.3





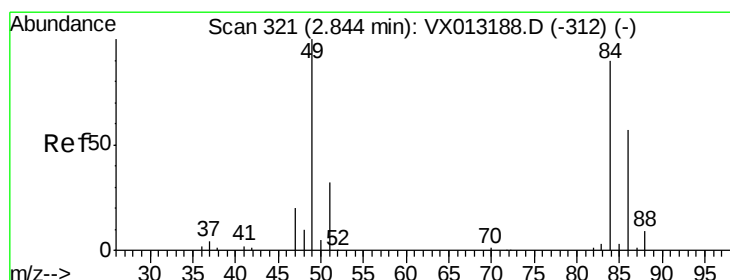
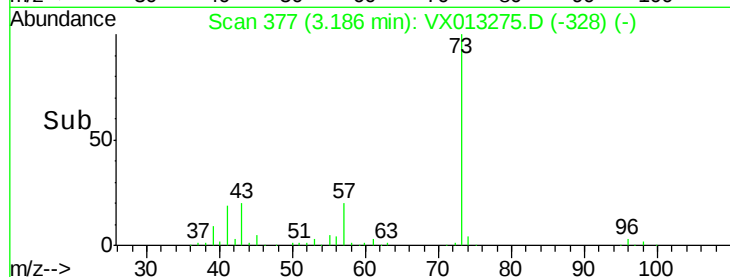
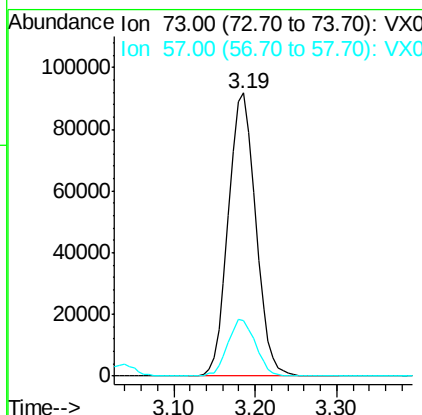
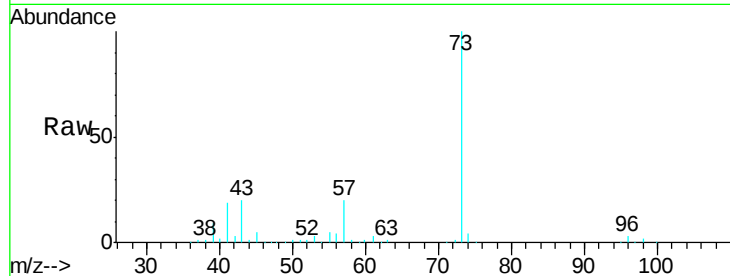
#19
Methyl tert-butyl Ether
Concen: 50.838 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 212655
Ion Ratio Lower Upper
73 100
57 19.7 15.8 23.8

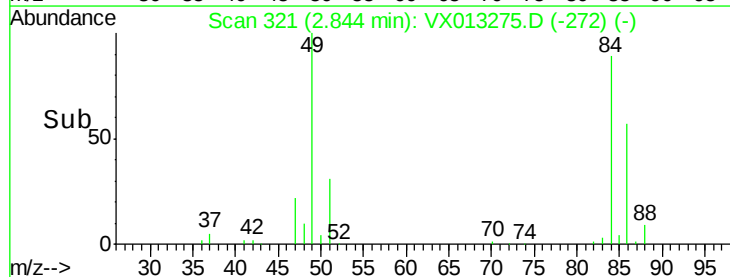
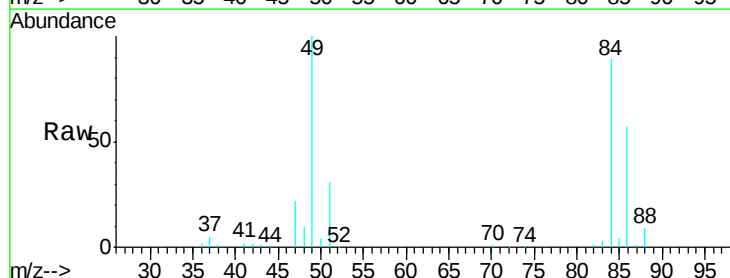
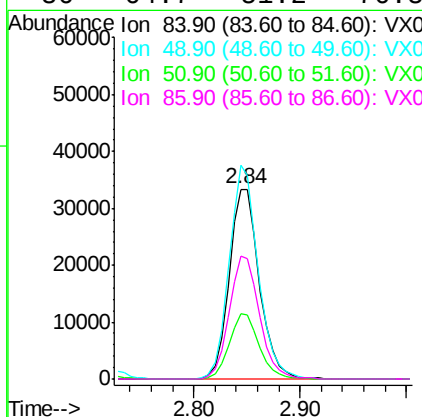
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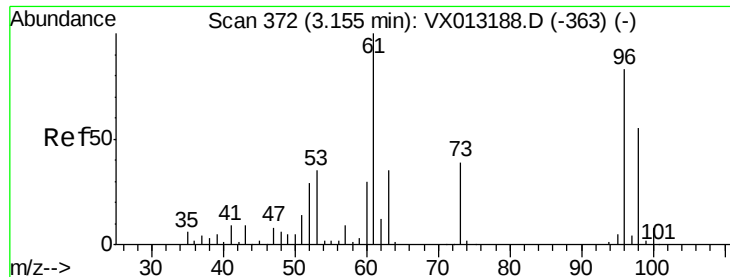
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#20
Methylene Chloride
Concen: 51.482 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion: 84 Resp: 66160
Ion Ratio Lower Upper
84 100
49 112.7 89.2 133.8
51 34.5 28.8 43.2
86 64.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.626 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

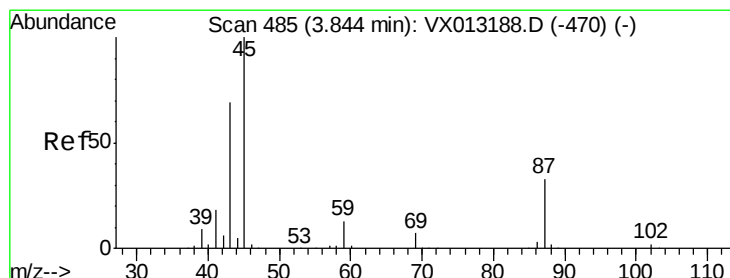
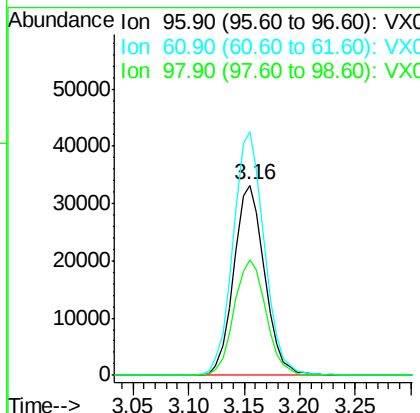
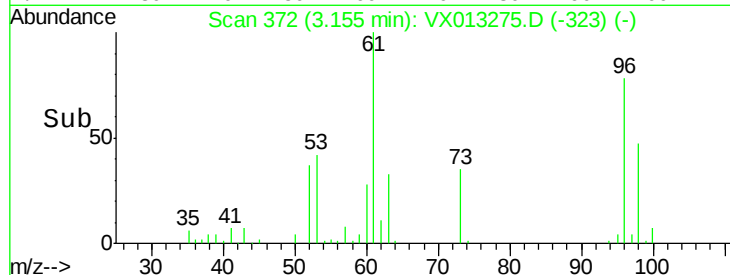
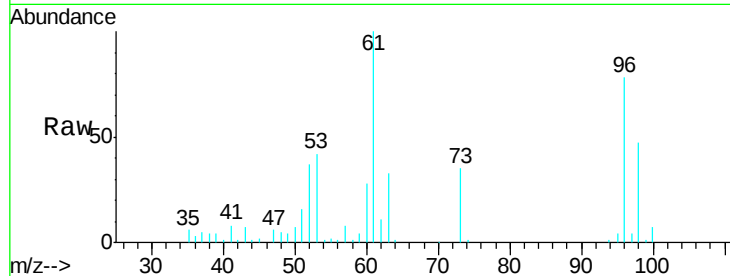
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	63826
Ion	Ratio	Lower	Upper
96	100		
61	128.0	96.9	145.3
98	60.5	53.0	79.4

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#22

Diisopropyl ether

Concen: 48.369 ug/l

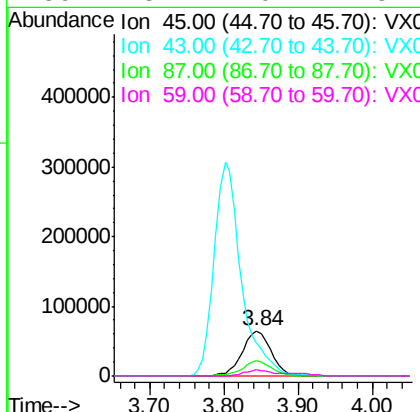
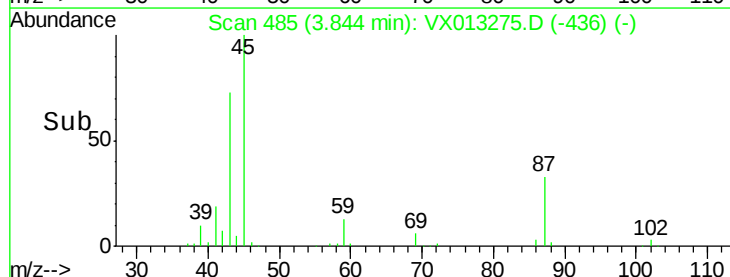
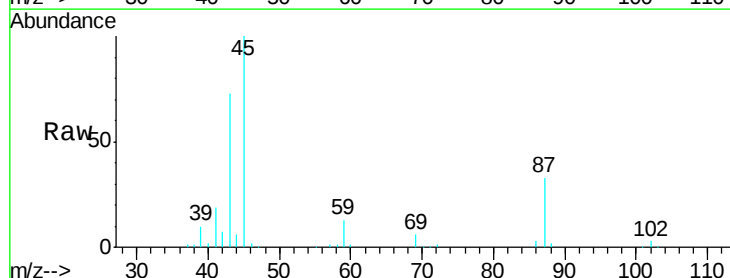
RT: 3.84 min Scan# 485

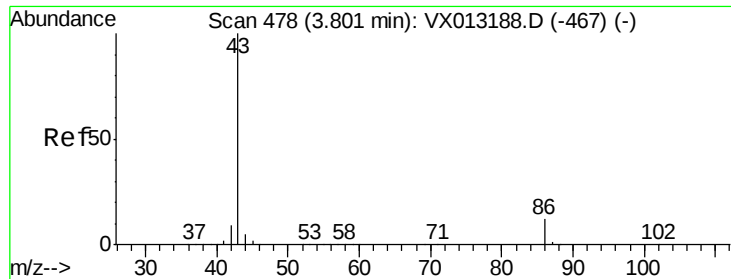
Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Tgt Ion:	45	Resp:	176863
Ion	Ratio	Lower	Upper
45	100		
43	72.3	55.5	83.3
87	33.0	26.7	40.1
59	13.1	10.2	15.2





#23

Vinyl Acetate

Concen: 250.813 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 779494

Ion Ratio Lower Upper

43 100

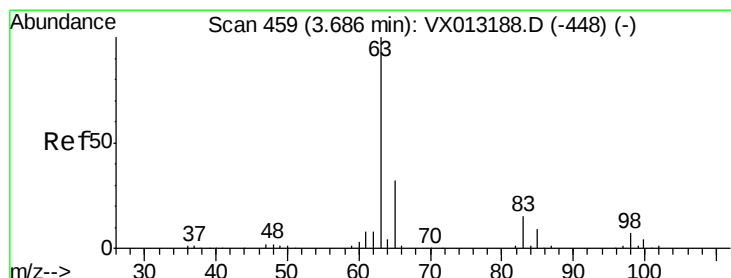
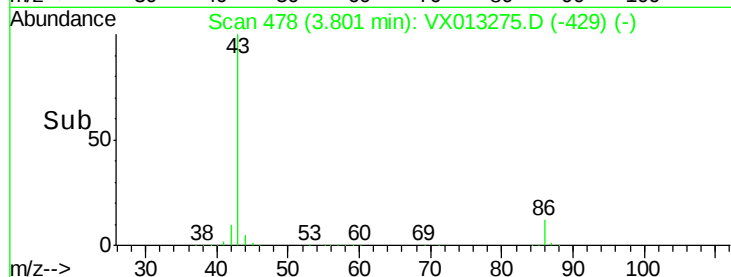
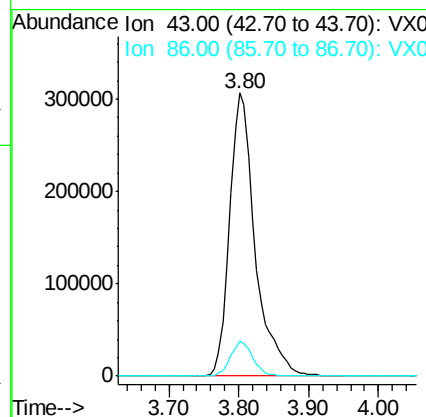
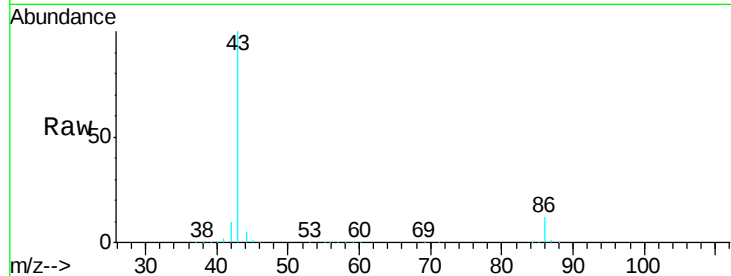
86 12.4 9.7 14.5

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#24

1,1-Dichloroethane

Concen: 49.872 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

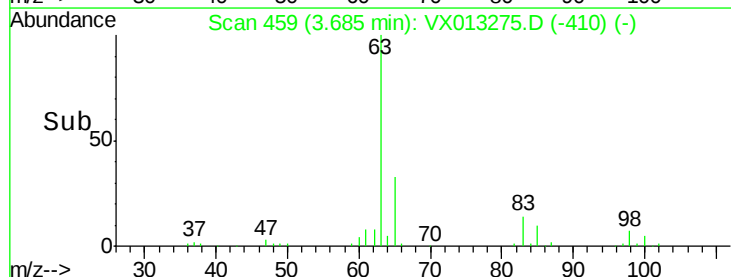
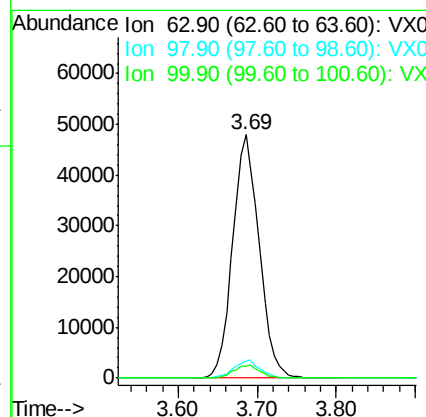
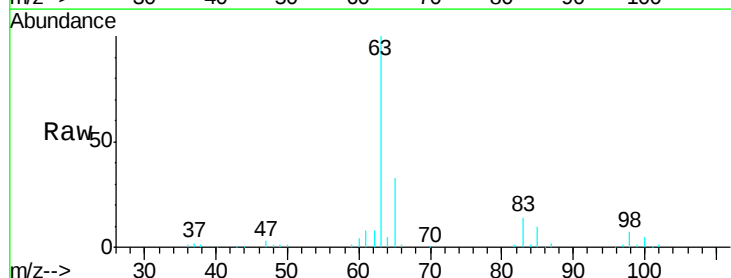
Tgt Ion: 63 Resp: 112167

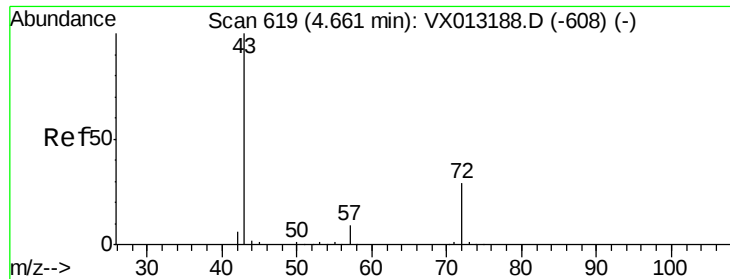
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

100 5.1 2.2 6.6





#25

2-Butanone

Concen: 244.139 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 224967

Ion Ratio Lower Upper

43 100

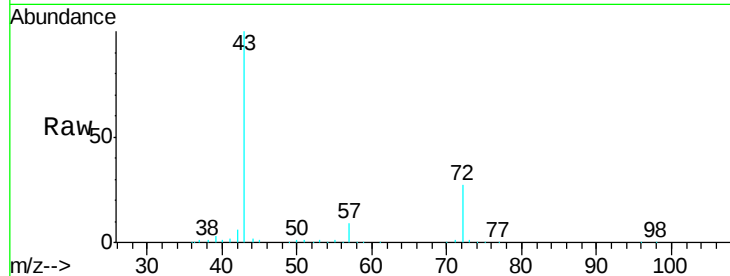
72 26.8 23.4 35.2

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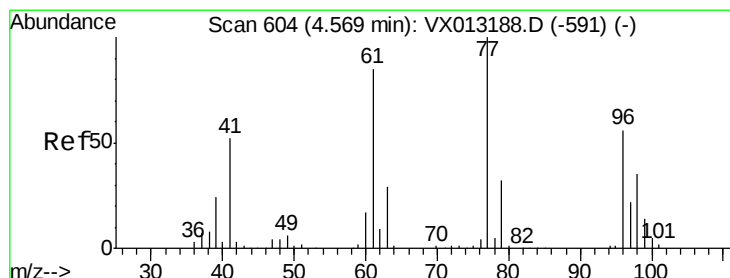
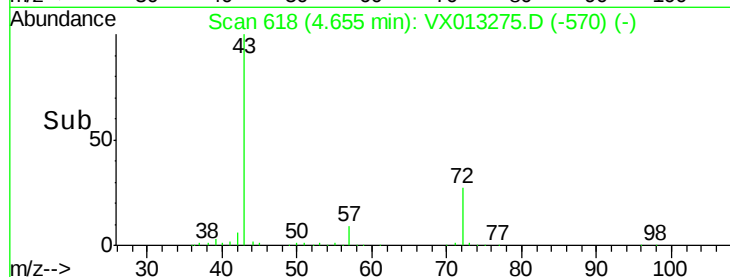
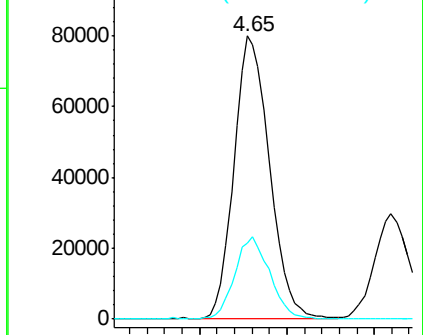
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.872 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013275.D

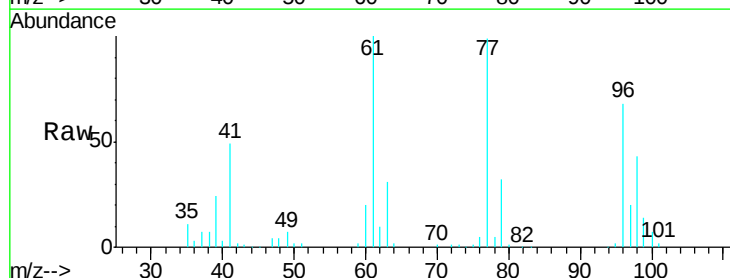
Acq: 29 Oct 2019 17:50

Tgt Ion: 77 Resp: 105742

Ion Ratio Lower Upper

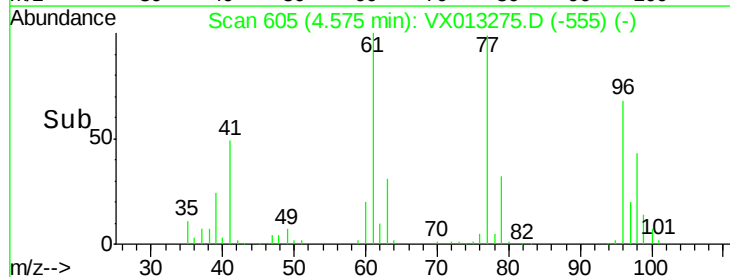
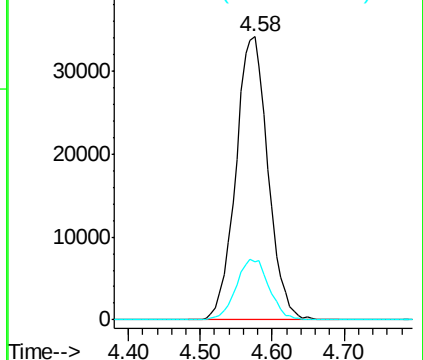
77 100

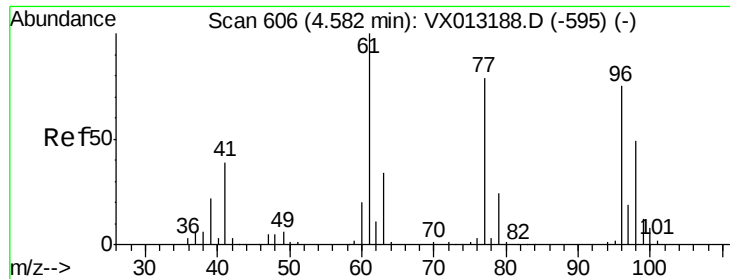
97 21.9 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

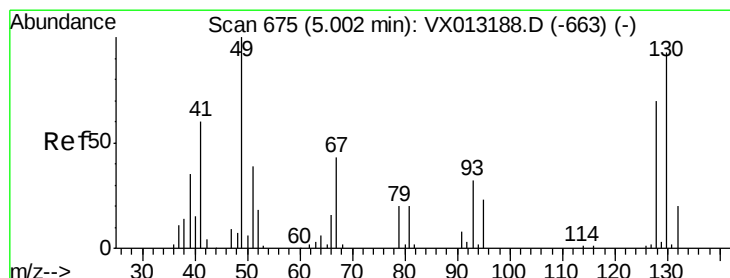
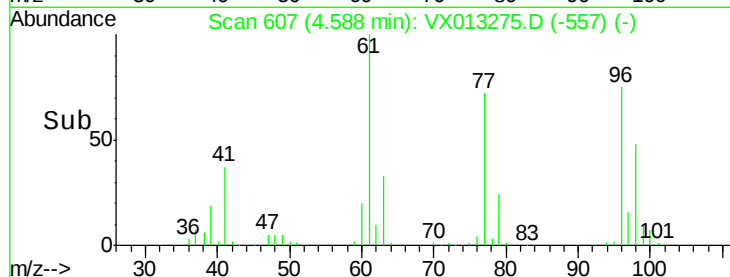
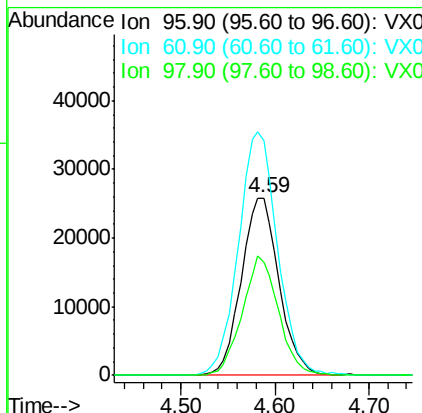
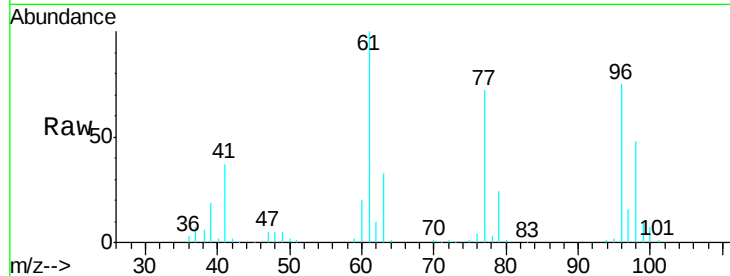
cis-1,2-Dichloroethene
Concen: 49.791 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	290.4
98	64.8	0.0	130.4

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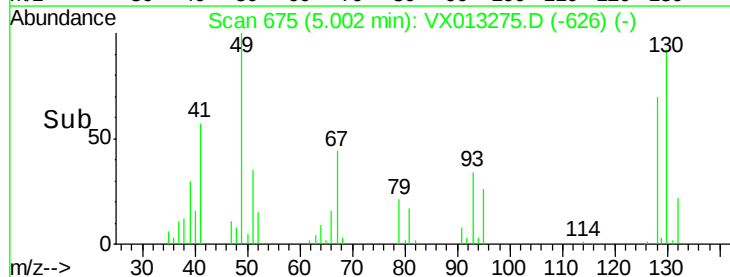
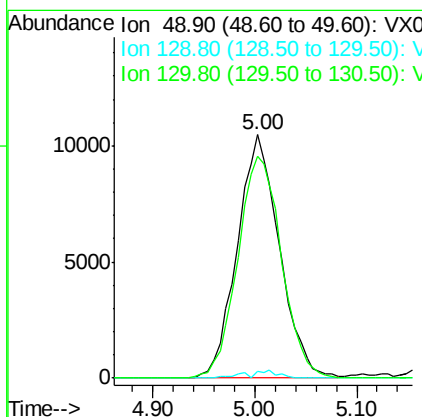
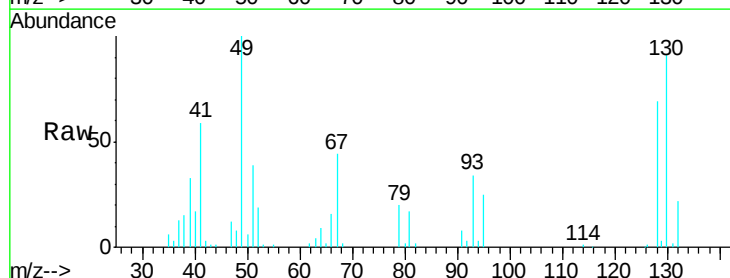
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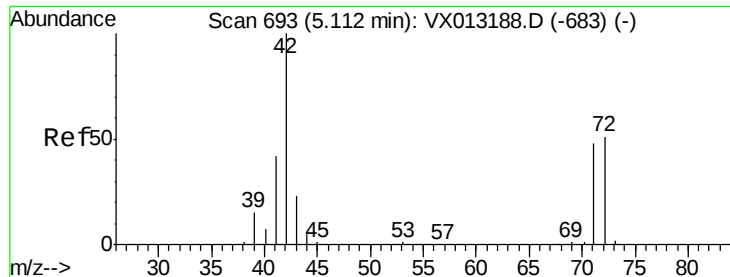


#28

Bromochloromethane
Concen: 51.716 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.8
130	94.5	71.8	107.8





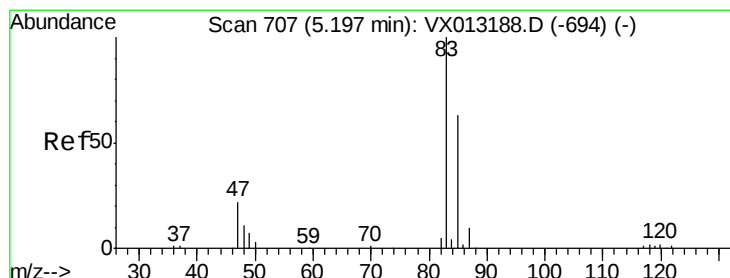
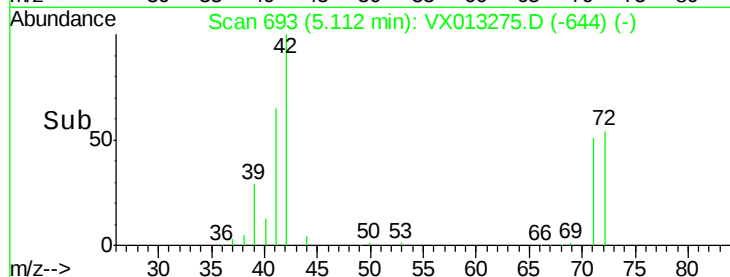
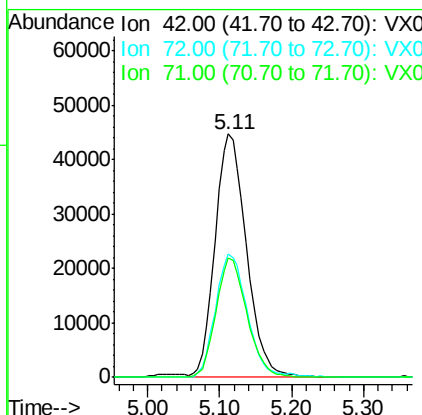
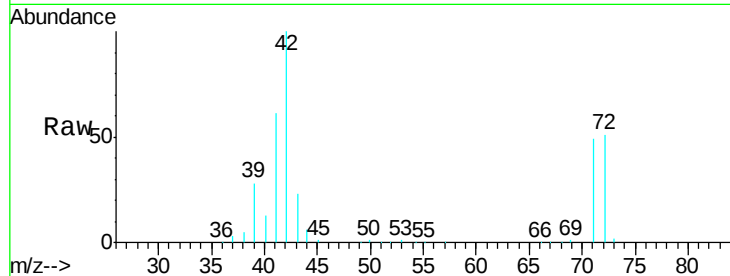
#29
Tetrahydrofuran
Concen: 242.450 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	51.9	40.9	61.3
71	48.5	38.6	57.8

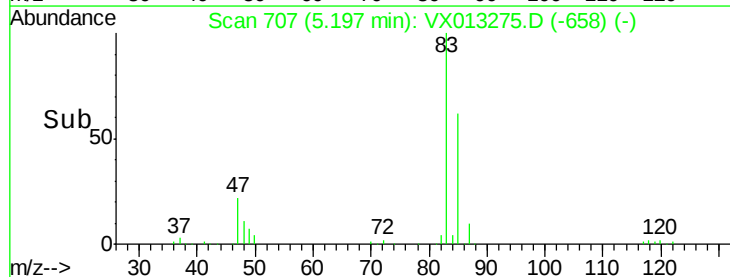
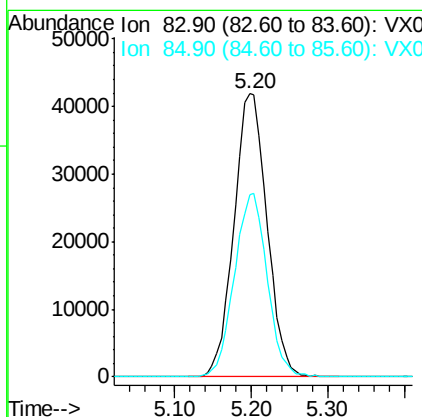
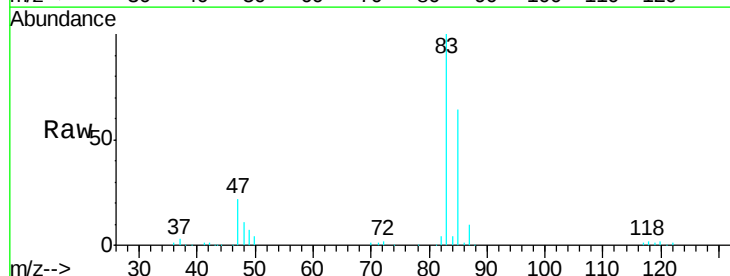
Manual Integrations
APPROVED

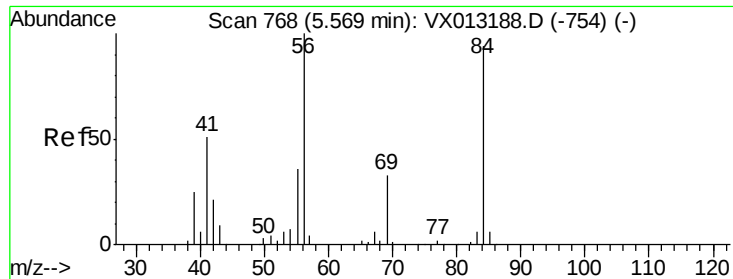
MMDadoda
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#30
Chloroform
Concen: 52.430 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.1	75.1





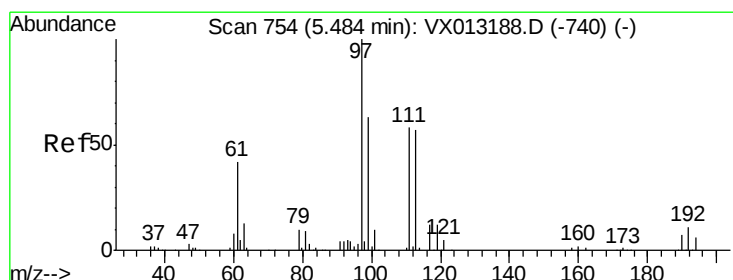
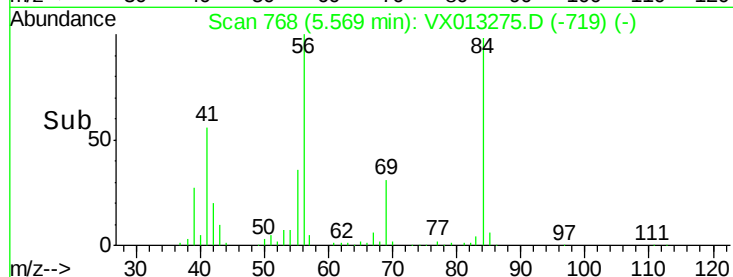
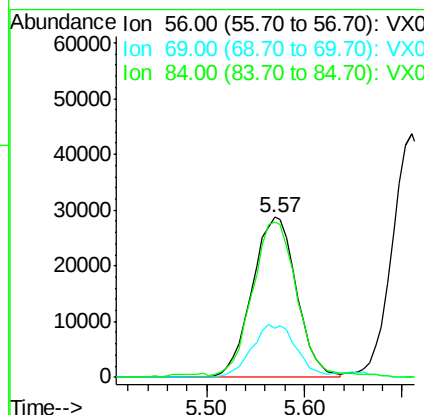
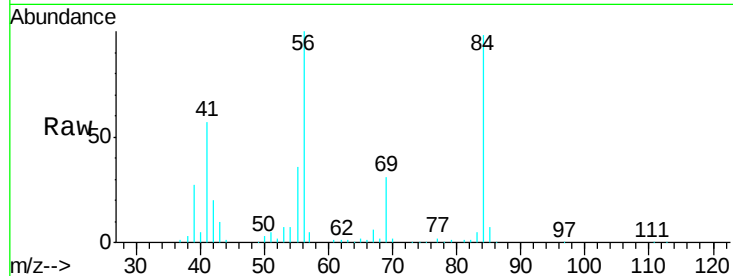
#31
Cyclohexane
Concen: 48.047 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.1	26.3	39.5
84	95.4	73.8	110.6

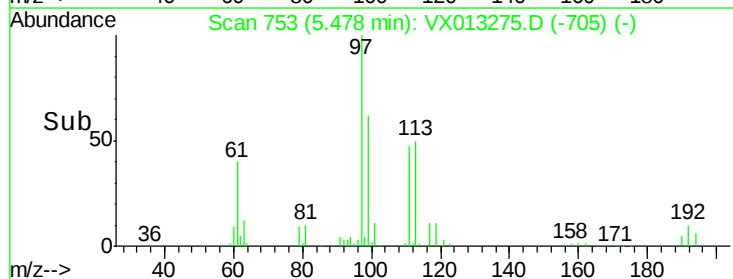
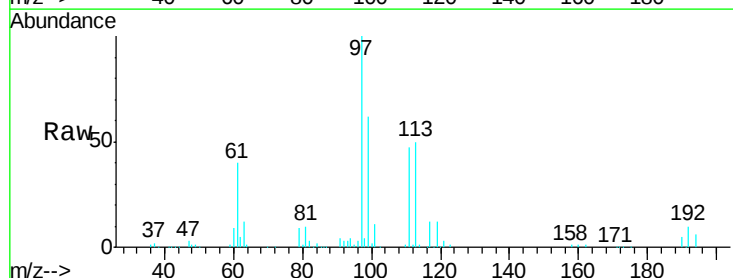
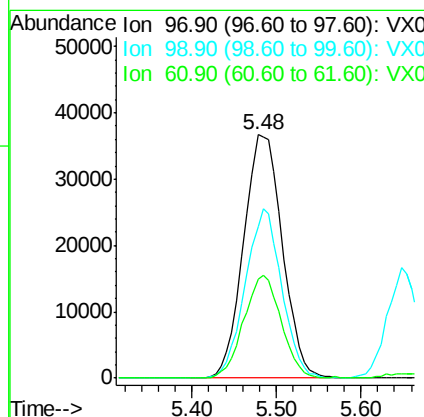
Manual Integrations
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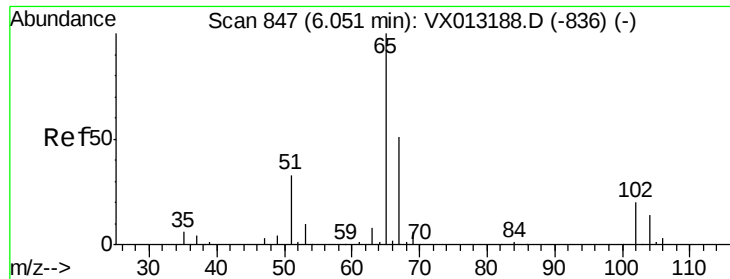
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#32
1,1,1-Trichloroethane
Concen: 53.911 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.8	76.2
61	40.7	32.8	49.2





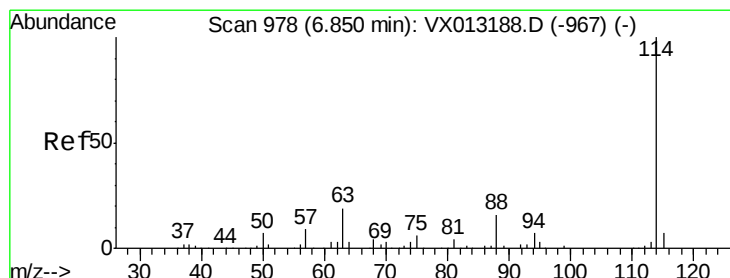
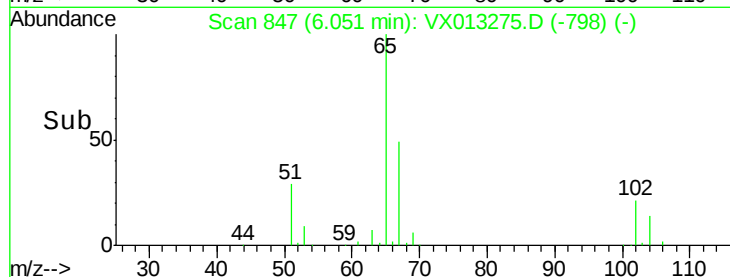
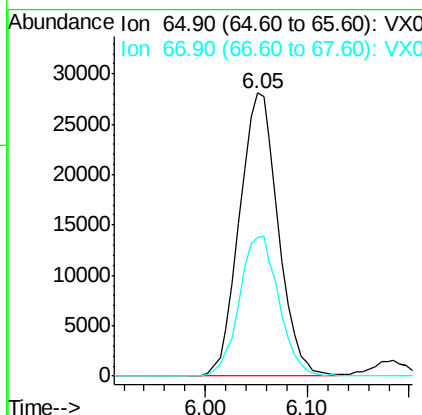
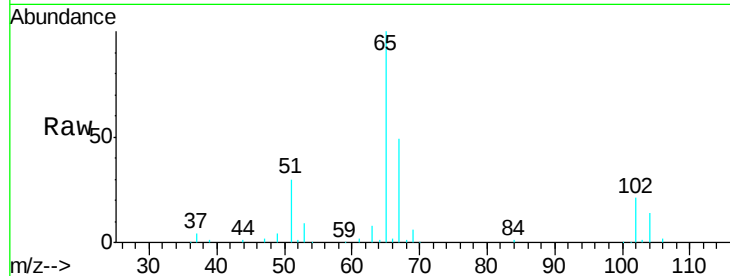
#33
 1,2-Dichloroethane-d4
 Concen: 50.909 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 74248
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.6

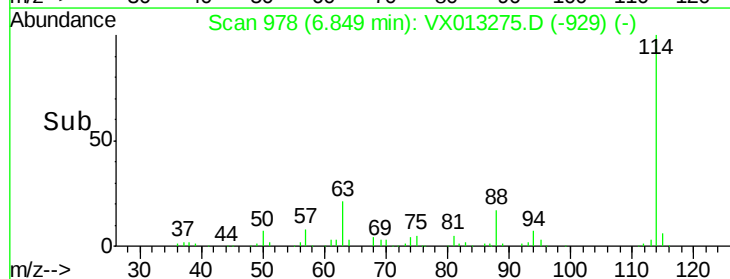
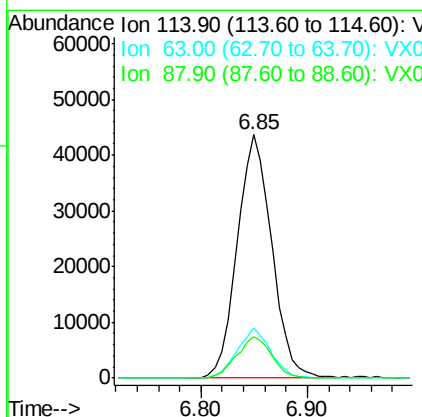
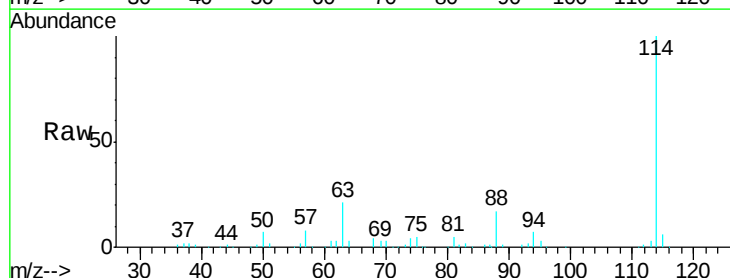
Manual Integrations
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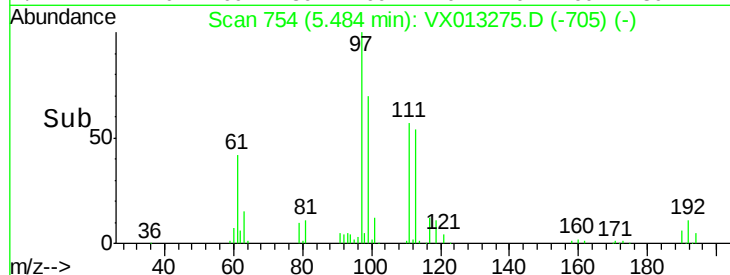
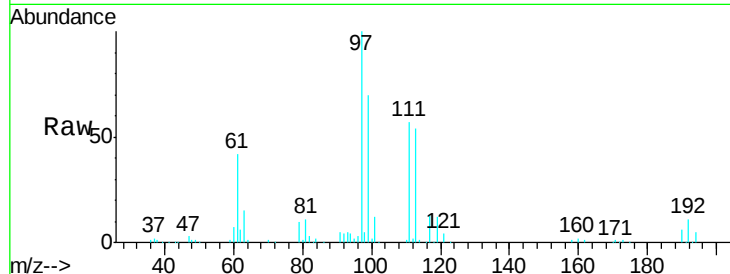
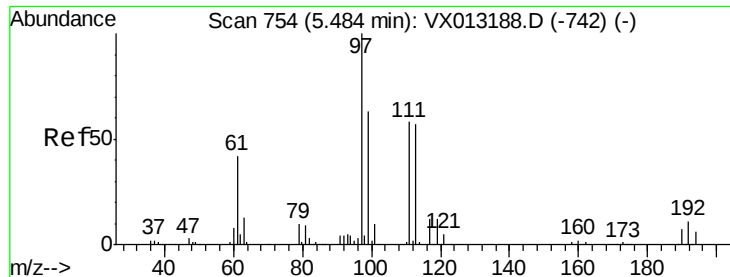
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion: 114 Resp: 99515
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.0
 88 16.9 0.0 32.0





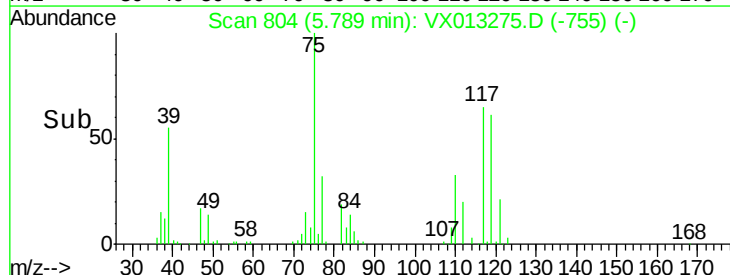
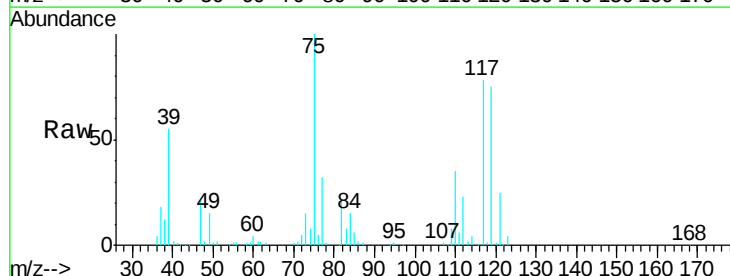
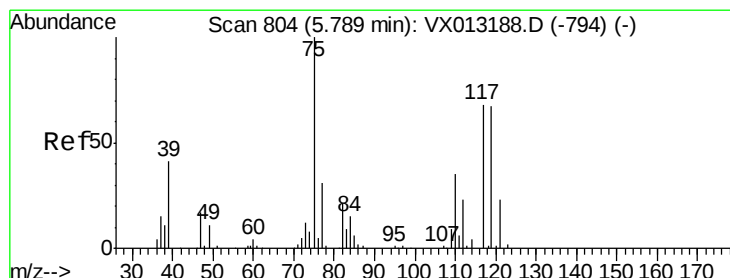
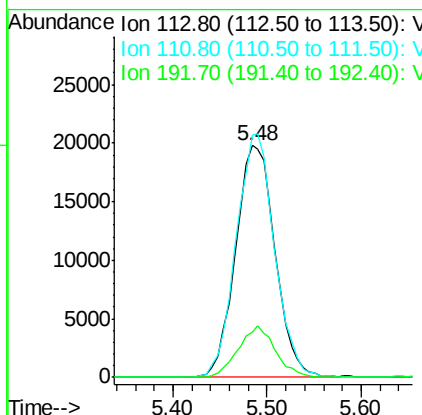
#35
Dibromofluoromethane
Concen: 52.237 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	57969		
111	102.4	80.3	120.5	
192	20.7	15.9	23.9	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

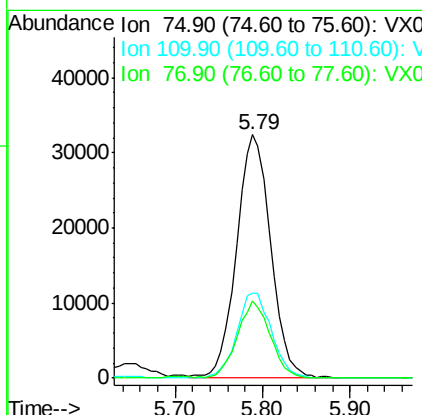
Manual Integrations
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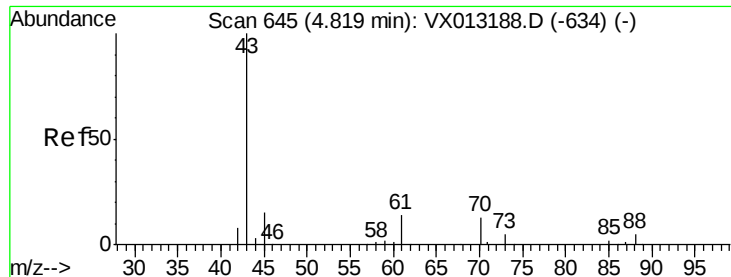
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#36
1,1-Dichloropropene
Concen: 52.532 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	87502		
110	35.7	17.6	52.9	
77	30.8	24.7	37.1	





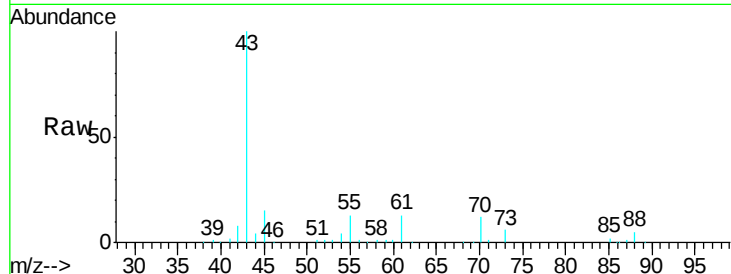
#37
Ethyl Acetate
Concen: 50.608 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.5	12.1	18.1
70	13.1	10.4	15.6

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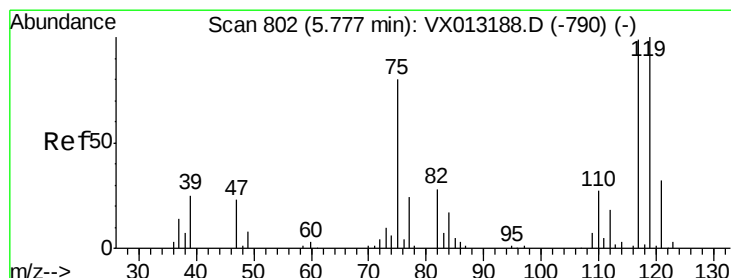
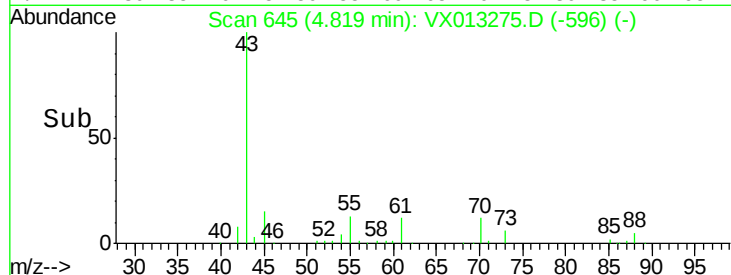
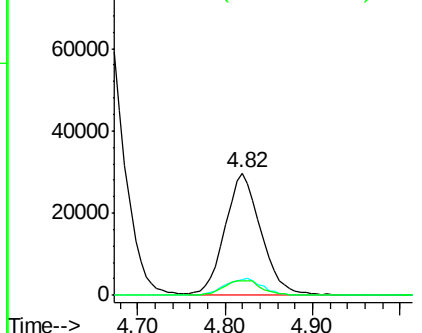


Abundance

Ion 43.00 (42.70 to 43.70): VX0

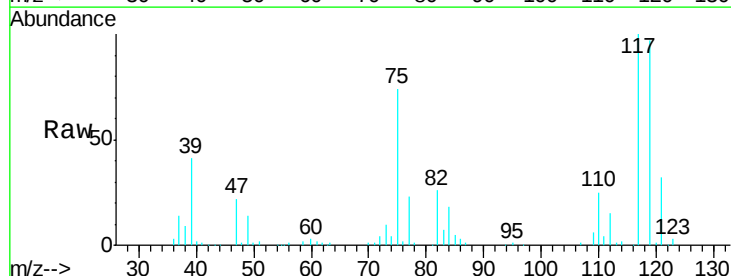
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 54.202 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	80.1	120.1
121	31.6	25.5	38.3

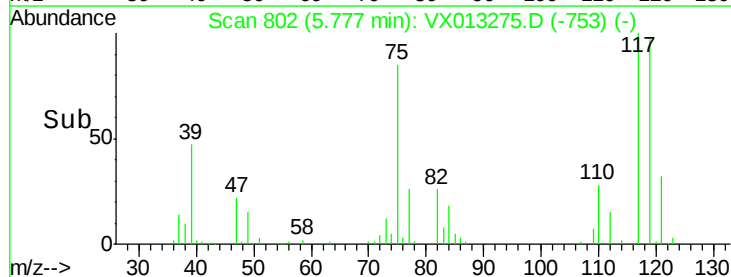
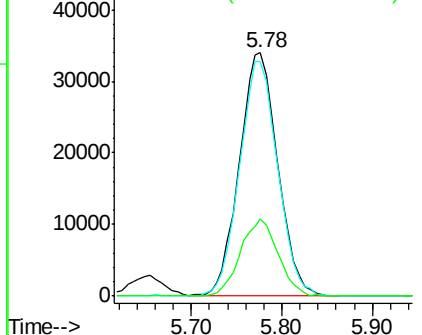


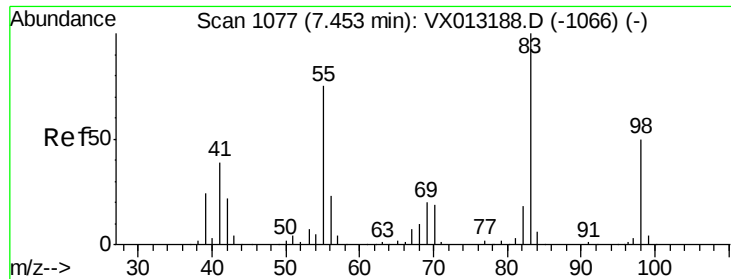
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





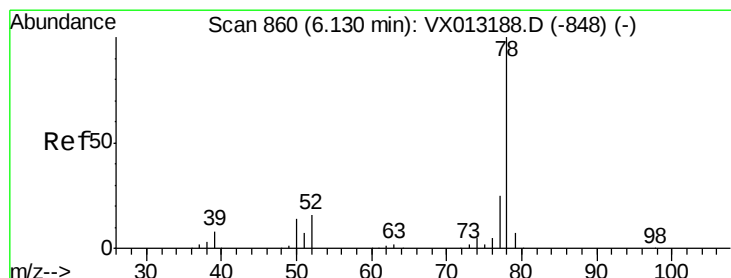
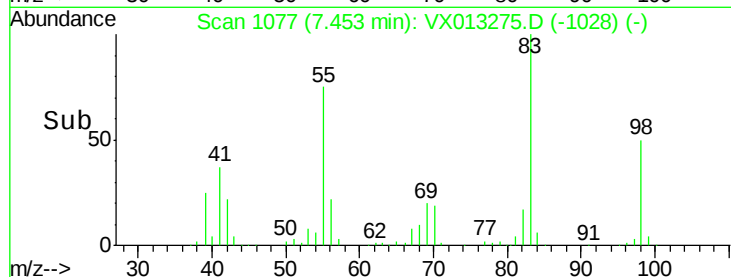
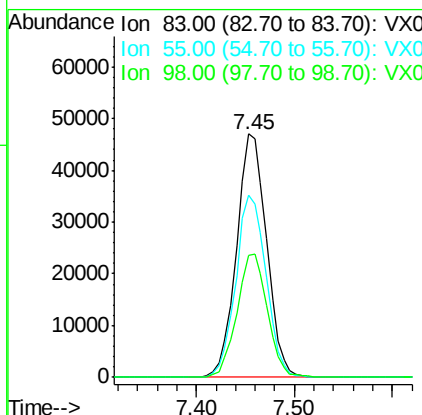
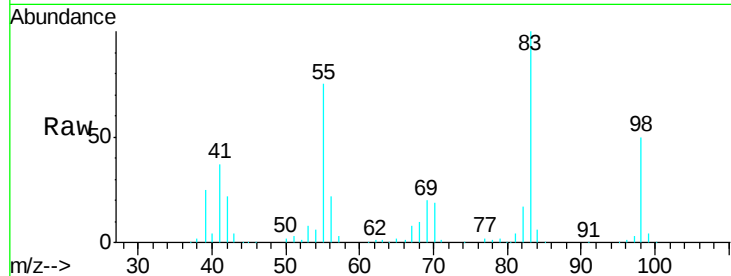
#39
Methylcyclohexane
Concen: 47.158 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.9	60.1	90.1
98	50.4	39.8	59.8

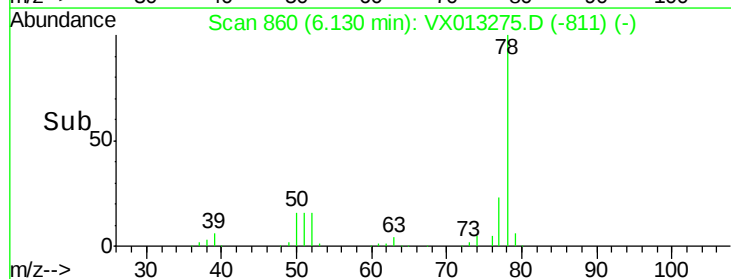
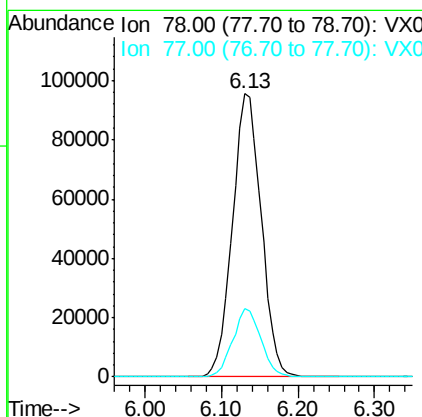
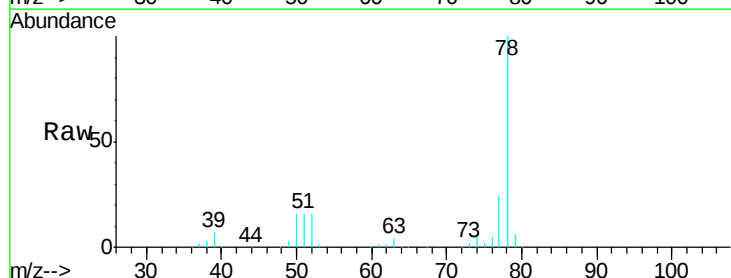
Manual Integrations
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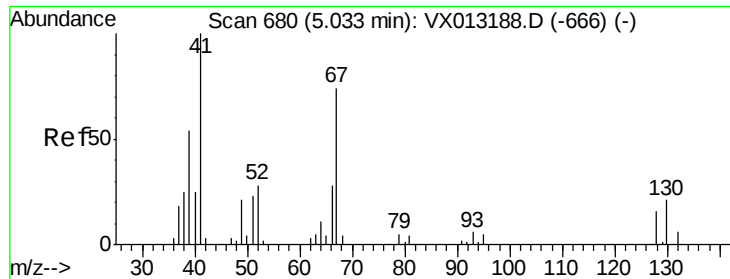
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#40
Benzene
Concen: 49.874 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.6	29.4





#41

Methacrylonitrile

Concen: 52.332 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 46528
Ion Ratio Lower Upper

41 100

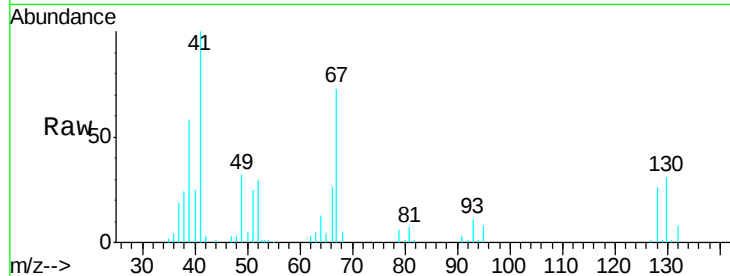
39 59.8 45.2 67.8

67 77.9 61.3 91.9

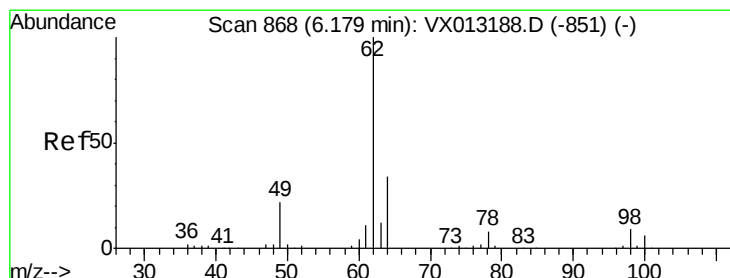
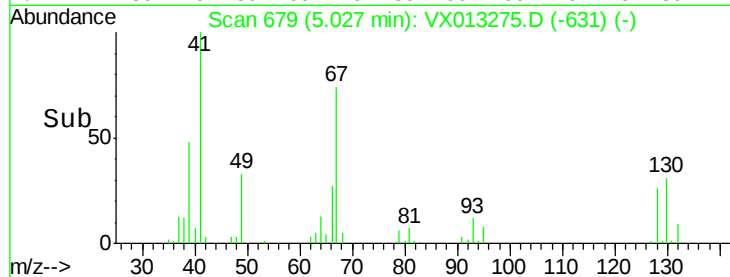
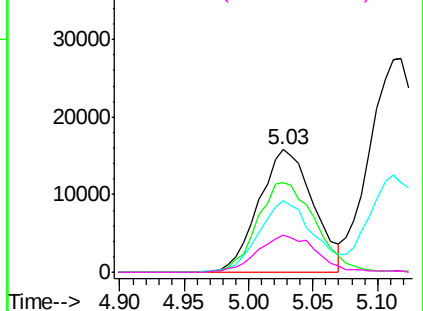
52 32.0 25.1 37.7

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 55.319 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

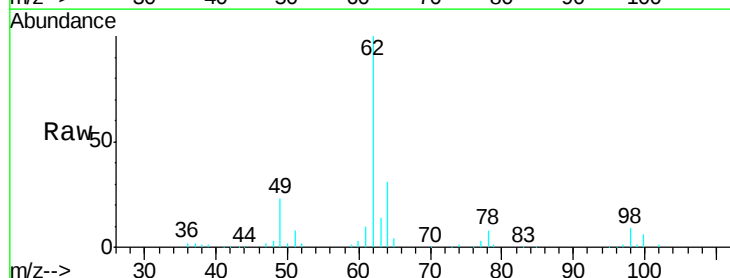
Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

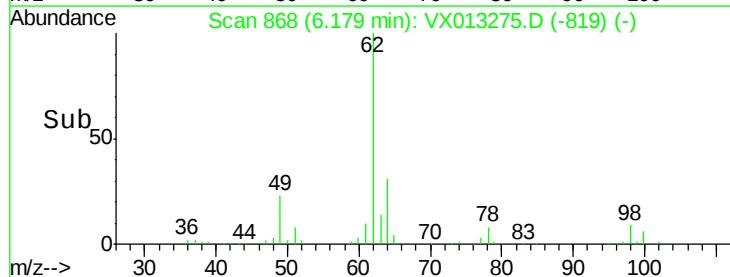
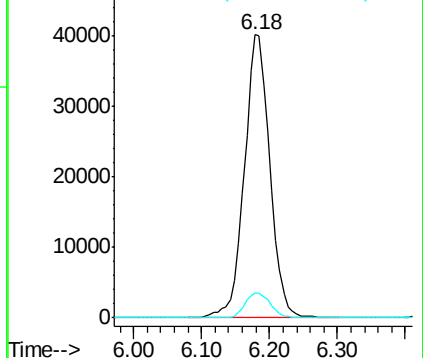
Tgt Ion: 62 Resp: 104255
Ion Ratio Lower Upper

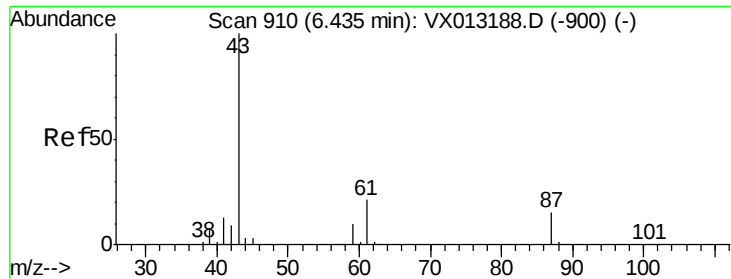
62 100

98 9.0 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





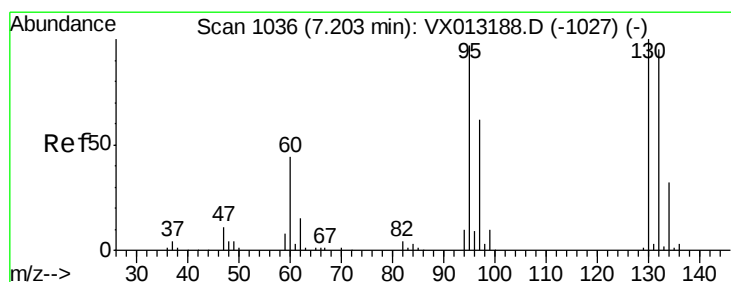
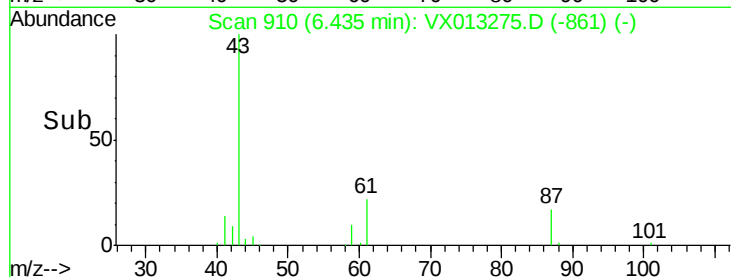
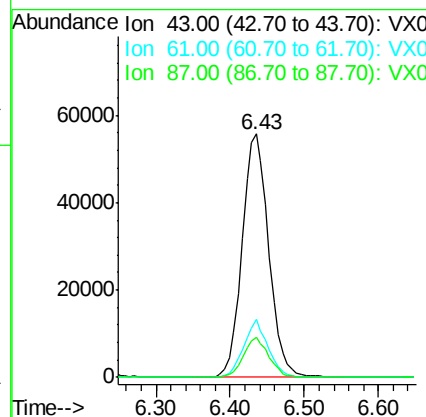
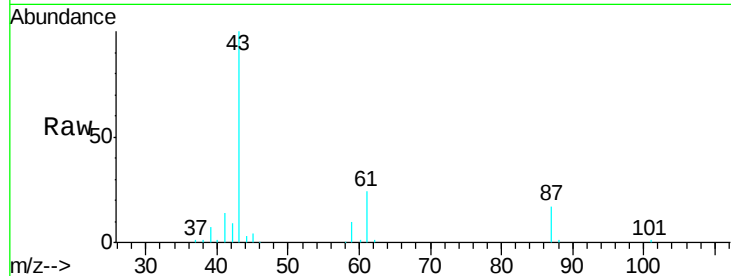
#43
Isopropyl Acetate
Concen: 50.810 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.0	25.4
87	15.7	12.1	18.1

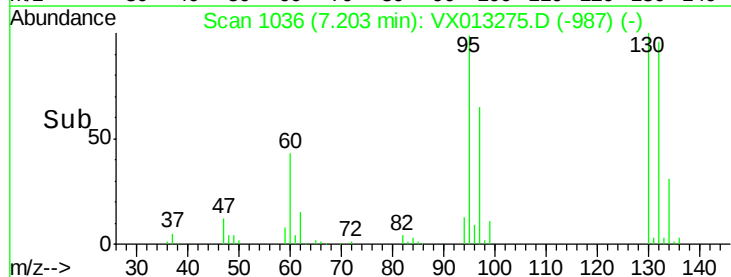
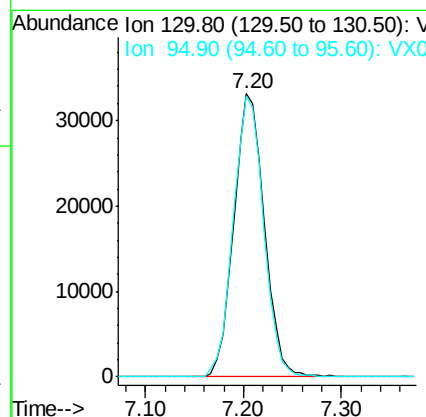
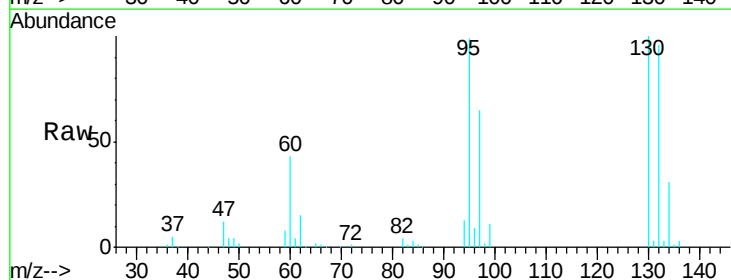
Manual Integrations
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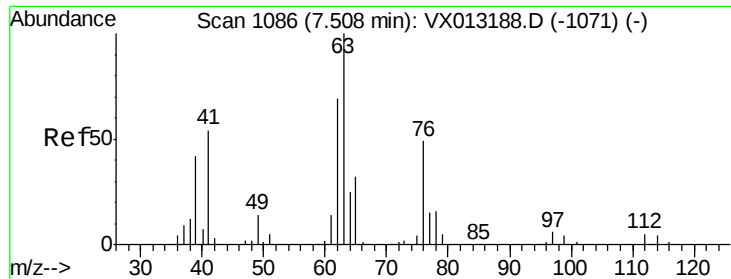
MMDadoda
10/30/2019 10:49:22 AM



#44
Trichloroethene
Concen: 50.518 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	193.6





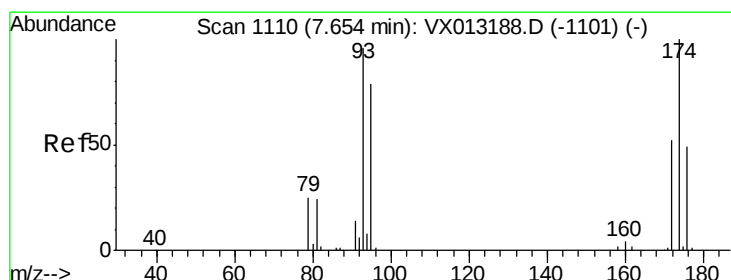
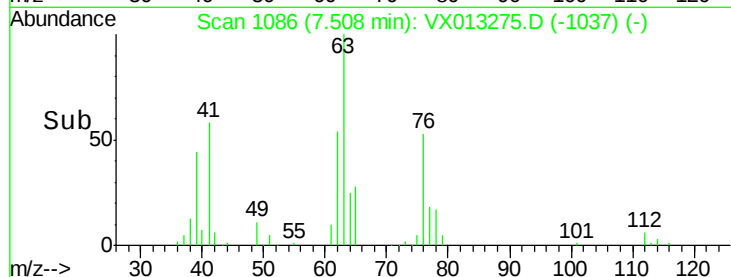
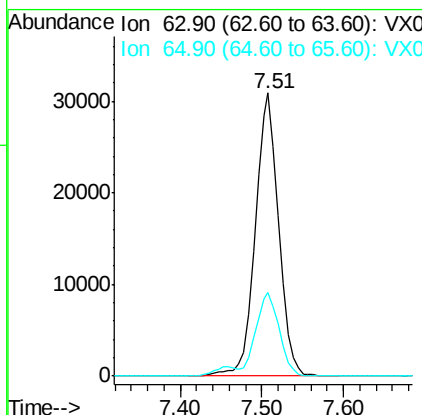
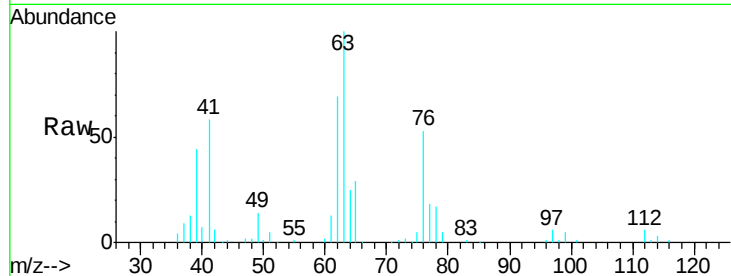
#45
 1,2-Dichloropropane
 Concen: 49.474 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 61939
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.3 37.9

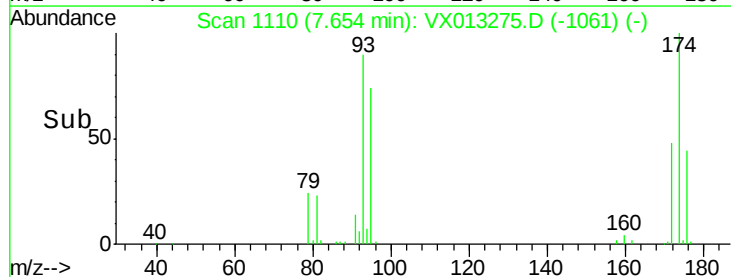
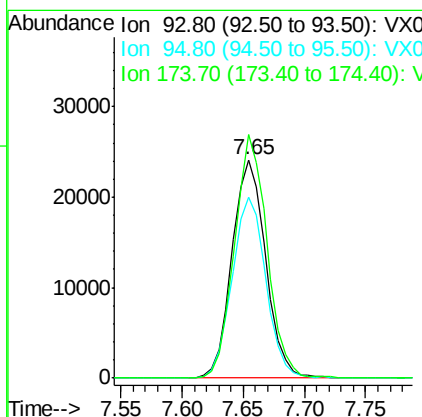
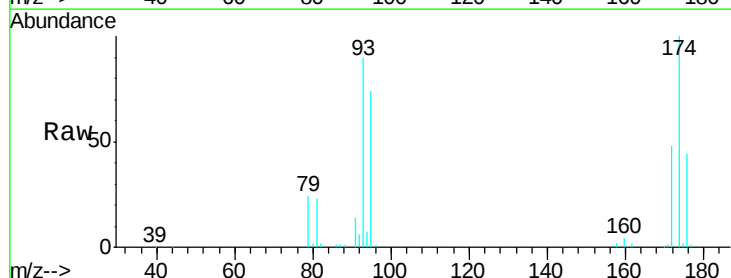
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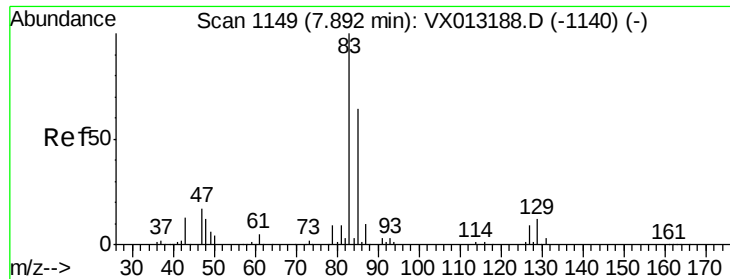
MMDadoda
 10/30/2019 10:49:22 AM



#46
 Dibromomethane
 Concen: 50.941 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion: 93 Resp: 45948
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.4
 174 107.9 85.2 127.8





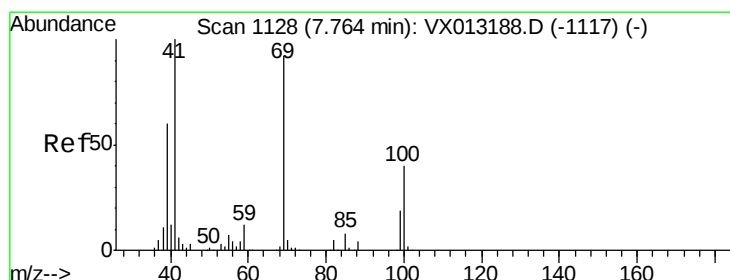
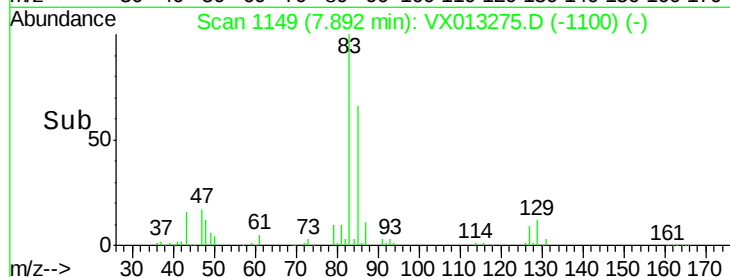
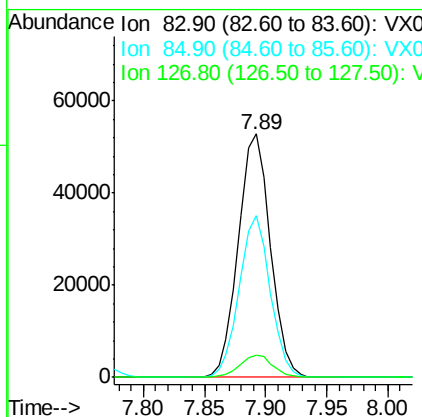
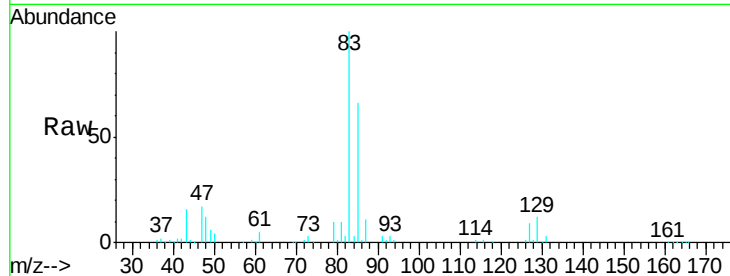
#47
Bromodichloromethane
Concen: 54.922 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.0	76.6
127	9.2	7.2	10.8

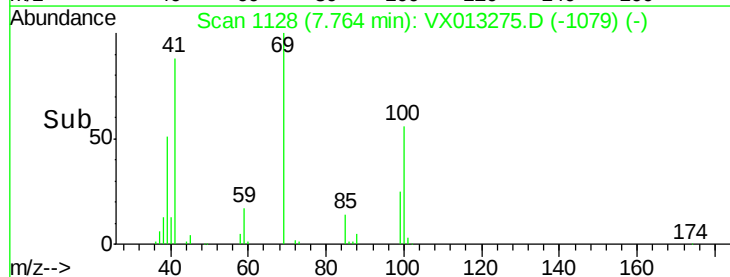
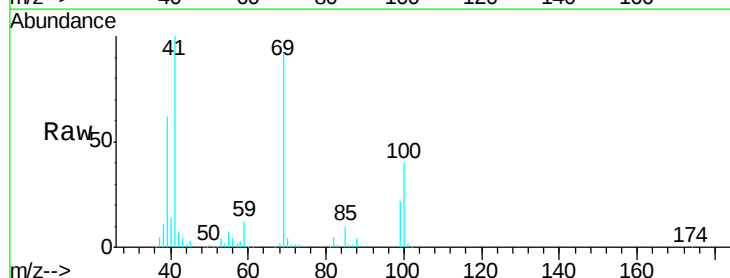
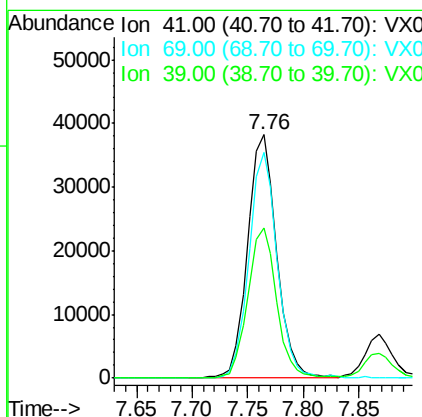
Manual Integrations
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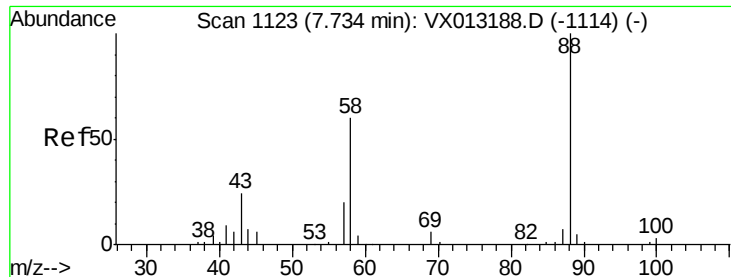
MMDadoda
10/30/2019 10:49:22 AM



#48
Methyl methacrylate
Concen: 51.079 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.3	72.0	108.0
39	61.2	47.4	71.0





#49

1,4-Dioxane

Concen: 1087.353 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

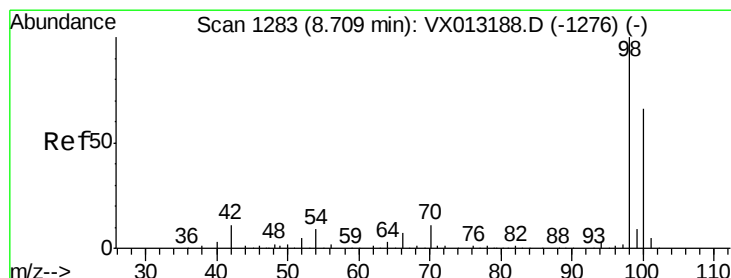
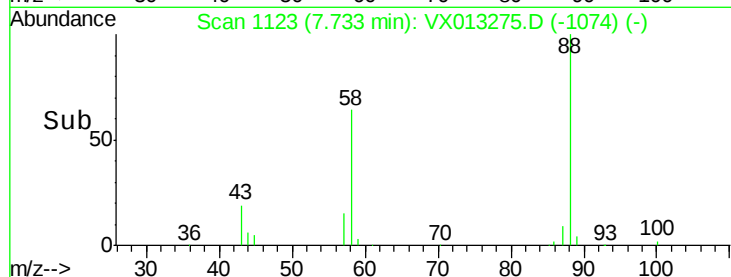
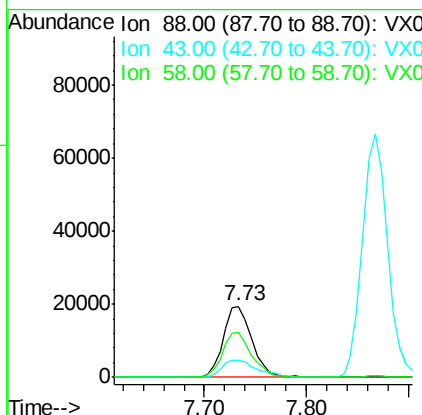
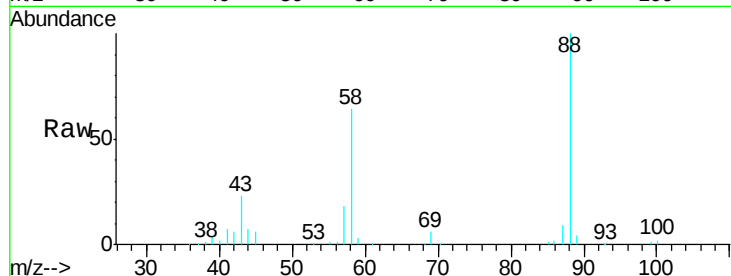
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	88	Resp:	37661
Ion	Ratio	Lower	Upper
88	100		
43	30.6	24.5	36.7
58	65.0	54.1	81.1

Manual Integrations
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#50

Toluene-d8

Concen: 49.935 ug/l

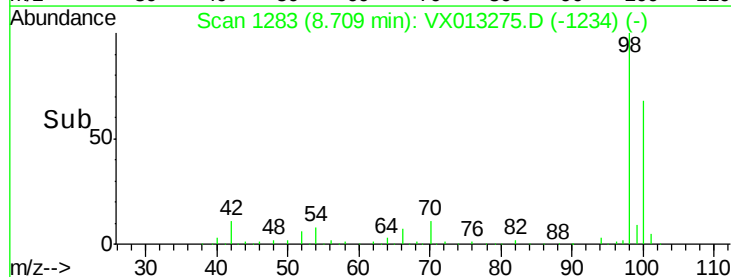
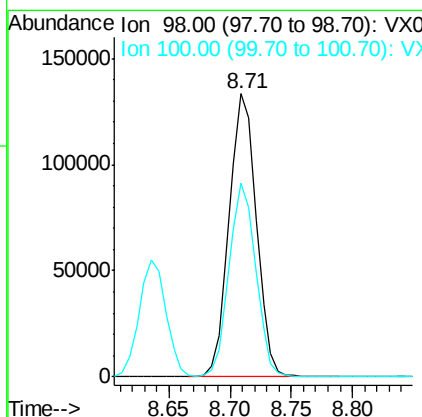
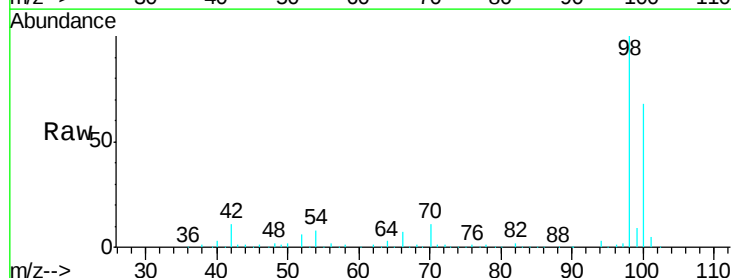
RT: 8.71 min Scan# 1283

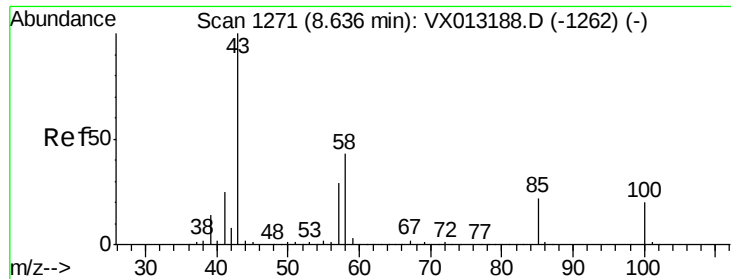
Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Tgt Ion:	98	Resp:	205360
Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 257.087 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 431459

Ion Ratio Lower Upper

43 100

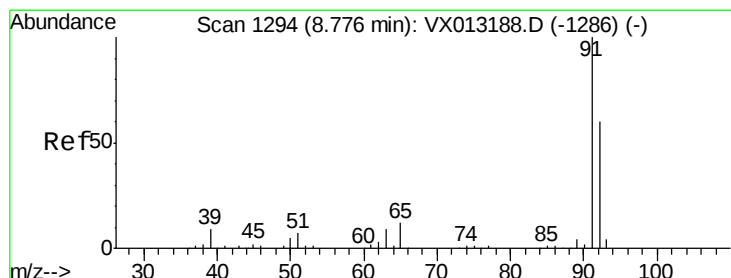
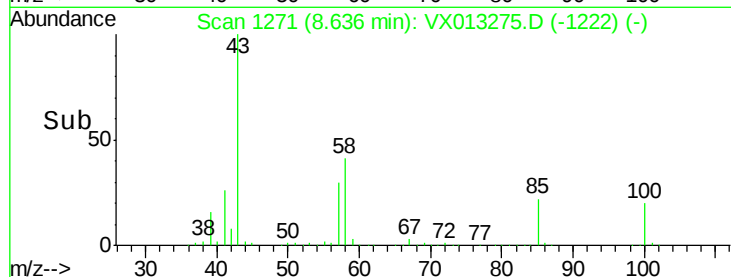
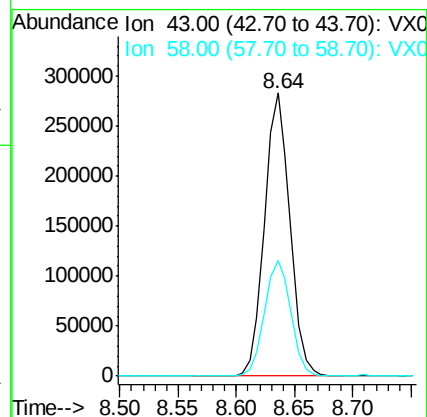
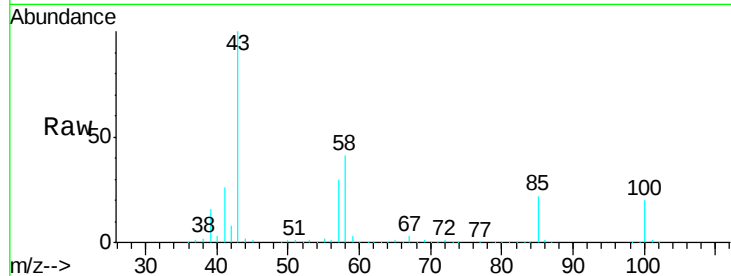
58 42.2 33.9 50.9

Manual Integrations

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#52

Toluene

Concen: 49.621 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX013275.D

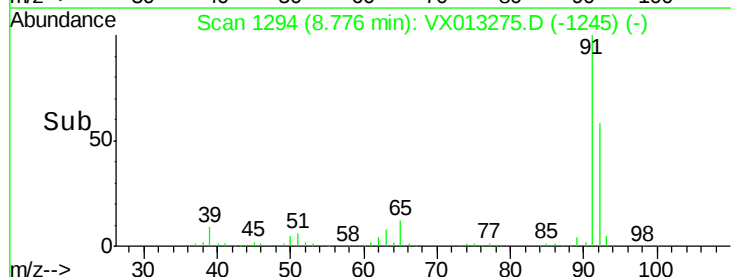
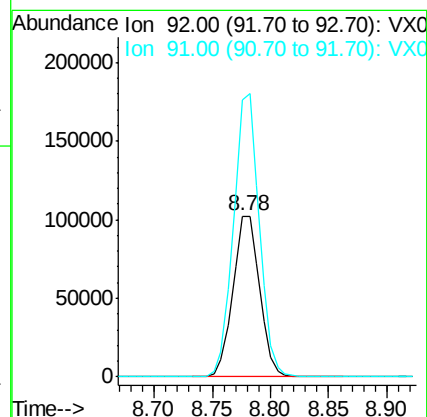
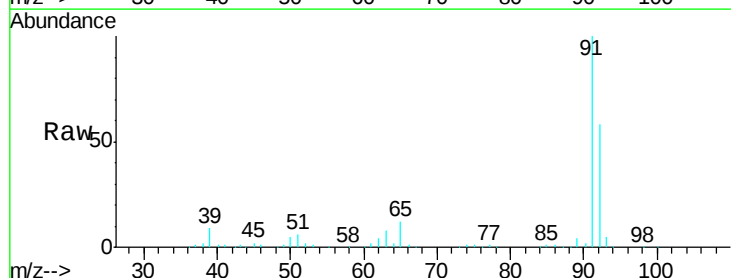
Acq: 29 Oct 2019 17:50

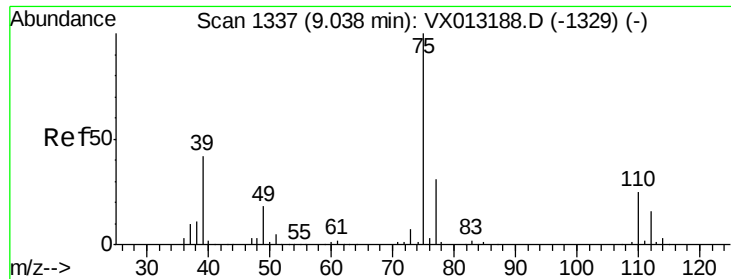
Tgt Ion: 92 Resp: 164374

Ion Ratio Lower Upper

92 100

91 169.7 133.9 200.9





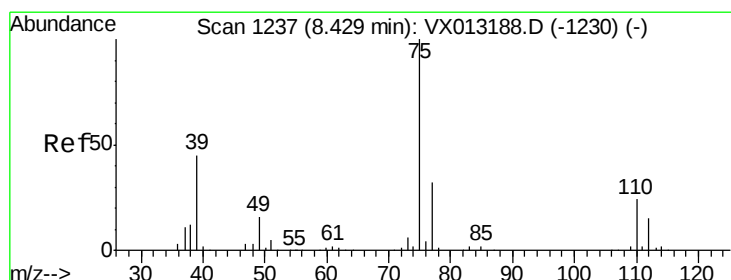
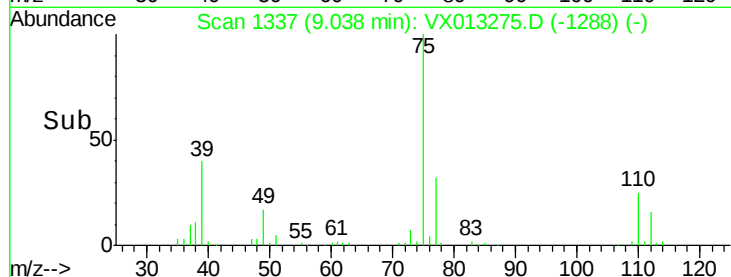
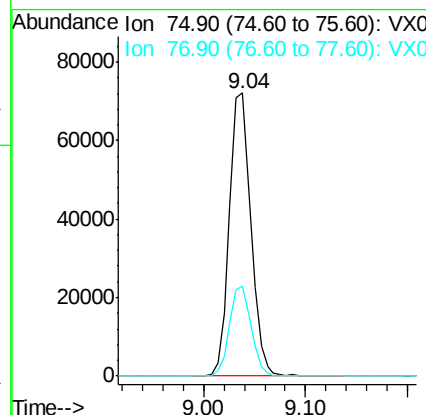
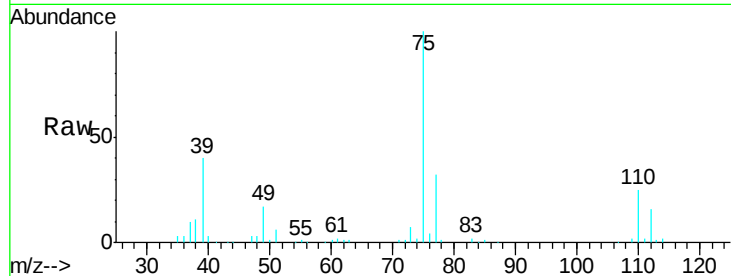
#53
t-1,3-Dichloropropene
Concen: 56.545 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 105624
Ion Ratio Lower Upper
75 100
77 31.6 24.7 37.1

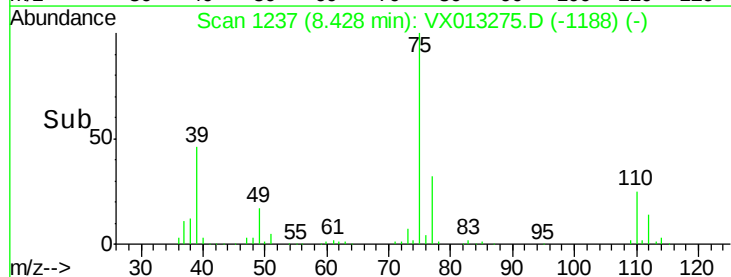
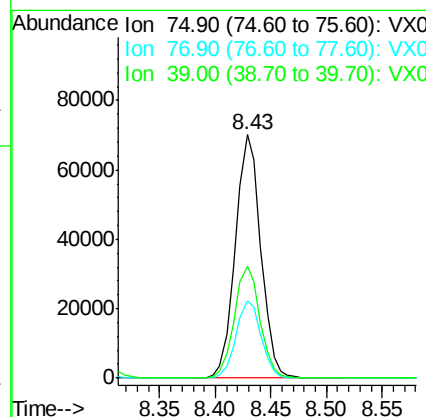
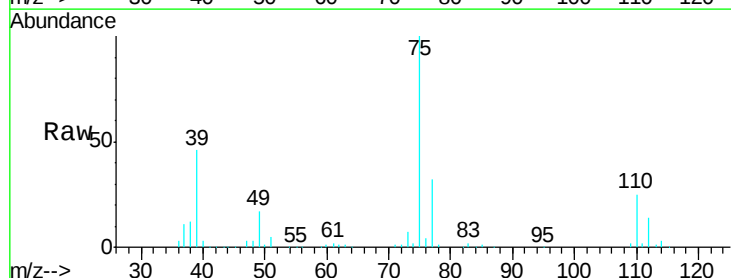
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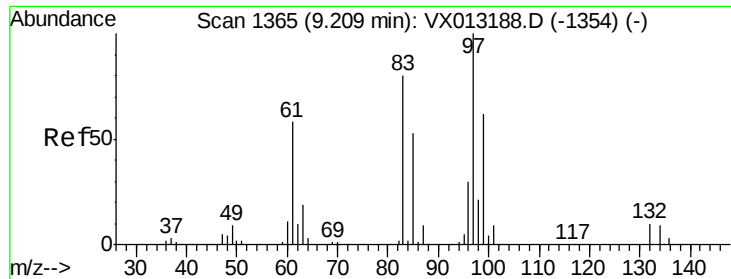
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#54
cis-1,3-Dichloropropene
Concen: 54.054 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion: 75 Resp: 110457
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 46.1 36.2 54.4





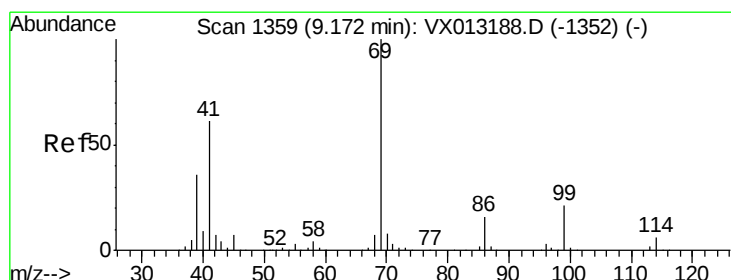
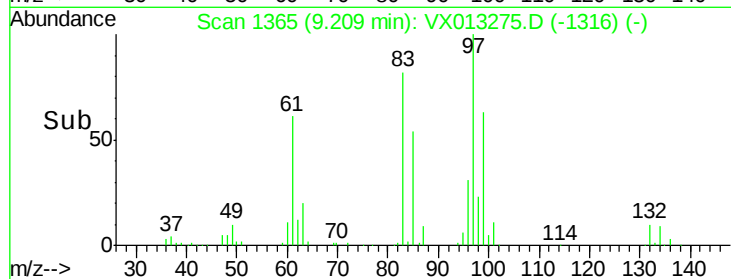
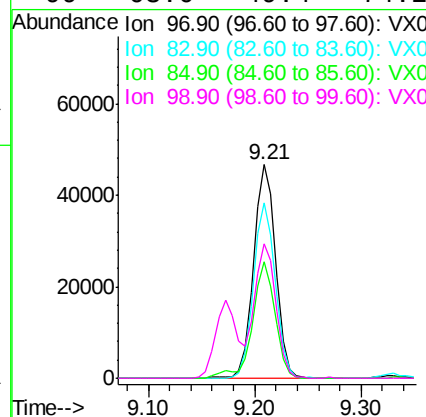
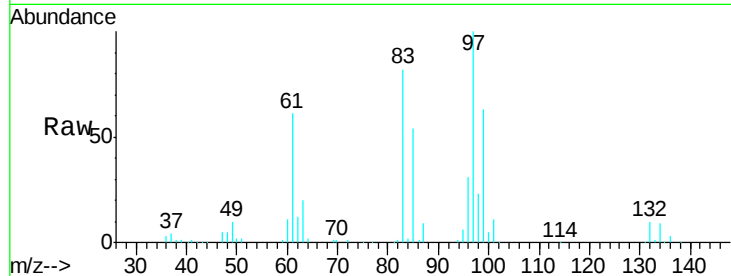
#55
 1,1,2-Trichloroethane
 Concen: 52.013 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	68121		
83	82.3	64.1	96.1	
85	54.3	42.1	63.1	
99	63.0	49.4	74.2	

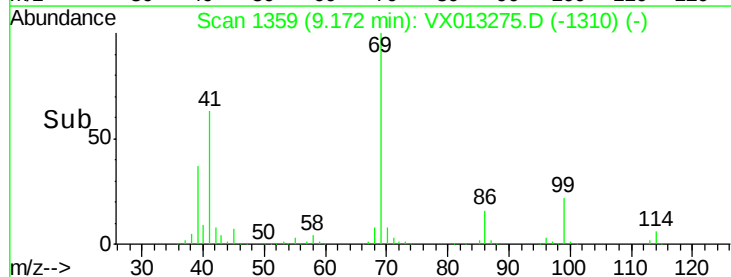
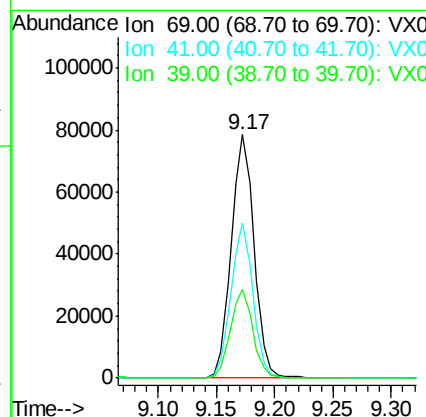
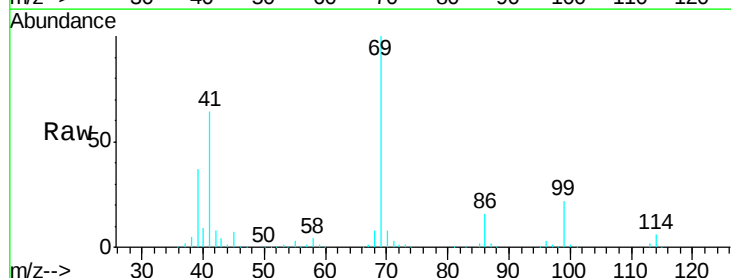
Manual Integrations
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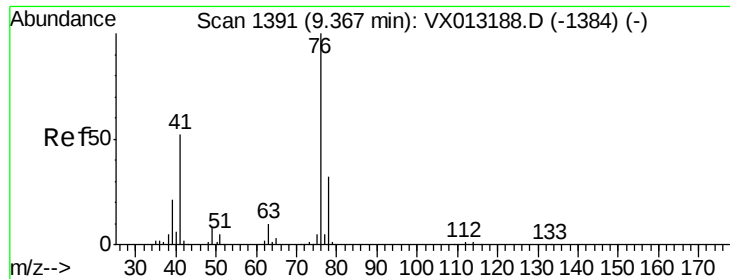
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#56
 Ethyl methacrylate
 Concen: 54.222 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	106880		
41	61.4	49.5	74.3	
39	36.1	28.3	42.5	





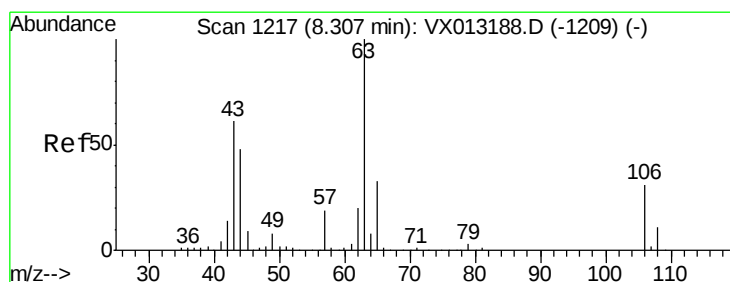
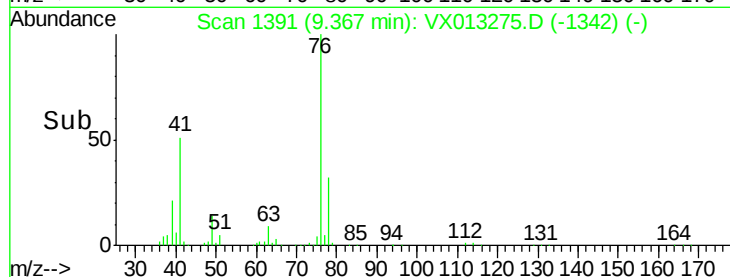
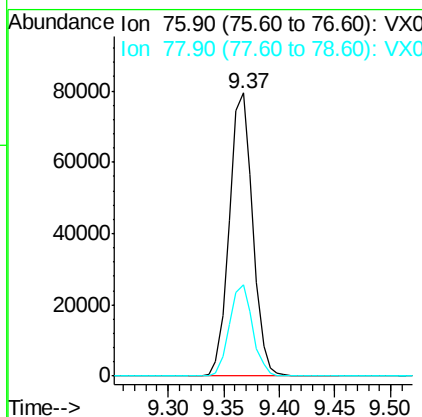
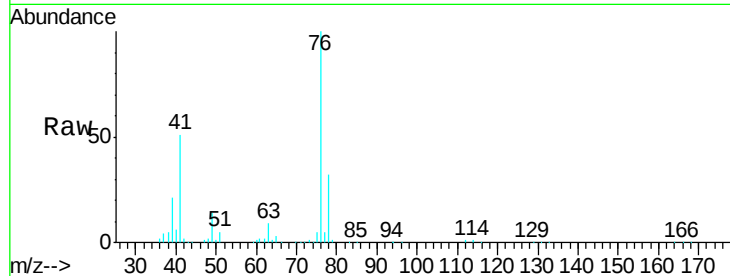
#57
 1,3-Dichloropropane
 Concen: 52.104 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 115140
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.1 39.1

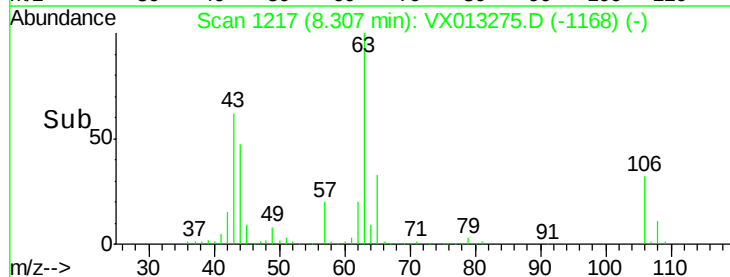
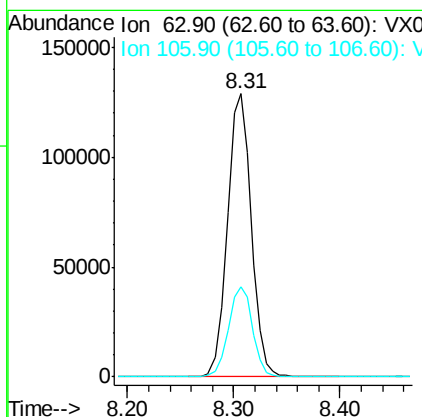
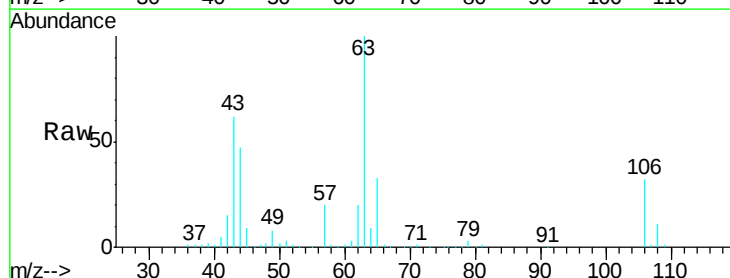
Manual Integrations
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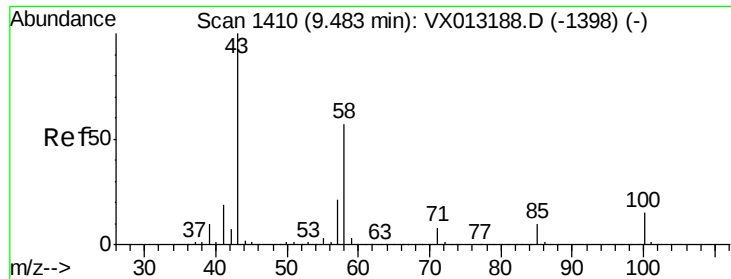
MMDadoda
 10/30/2019 10:49:22 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.168 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion: 63 Resp: 202413
 Ion Ratio Lower Upper
 63 100
 106 32.1 25.4 38.0





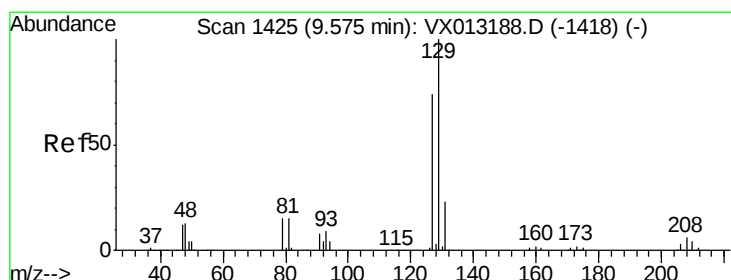
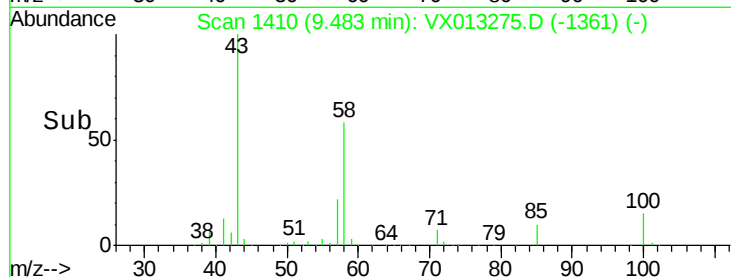
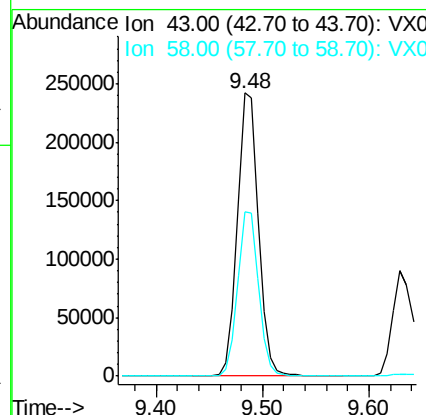
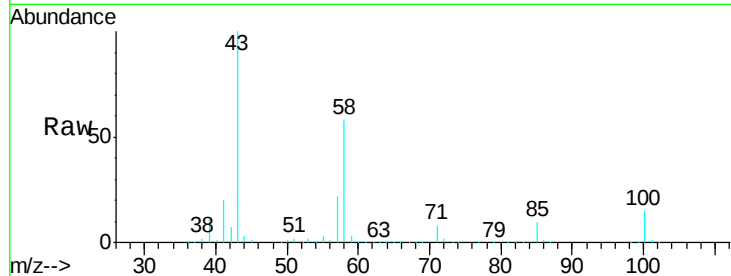
#59
2-Hexanone
Concen: 262.031 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 338741
Ion Ratio Lower Upper
43 100
58 57.8 28.2 84.7

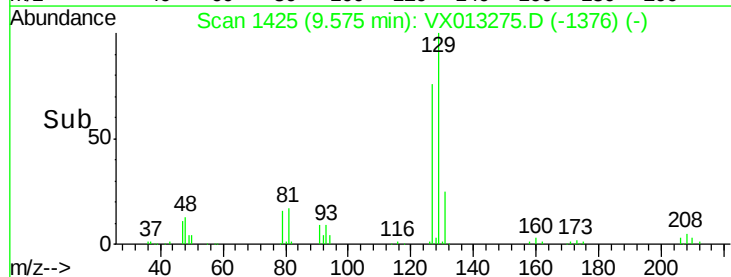
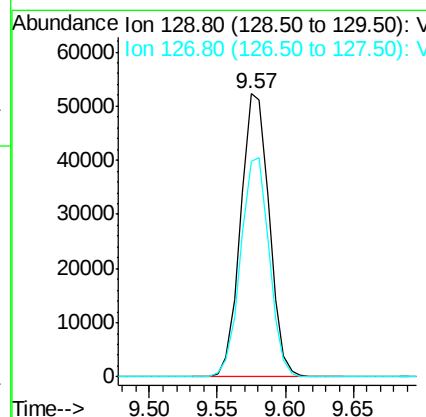
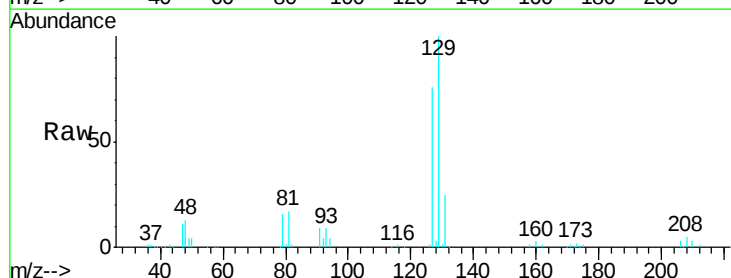
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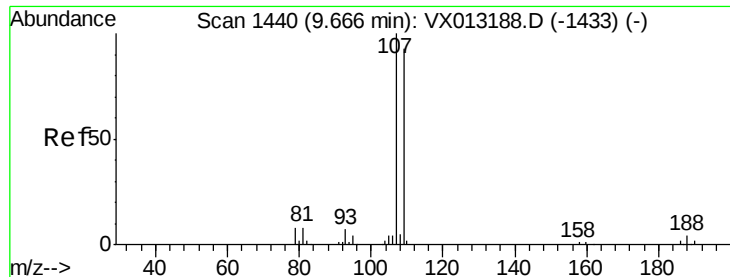
MMDadoda
10/30/2019 10:49:22 AM



#60
Dibromochloromethane
Concen: 55.824 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion: 129 Resp: 76610
Ion Ratio Lower Upper
129 100
127 77.6 38.2 114.6





#61

1,2-Dibromoethane

Concen: 52.652 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 73206

Ion Ratio Lower Upper

107 100

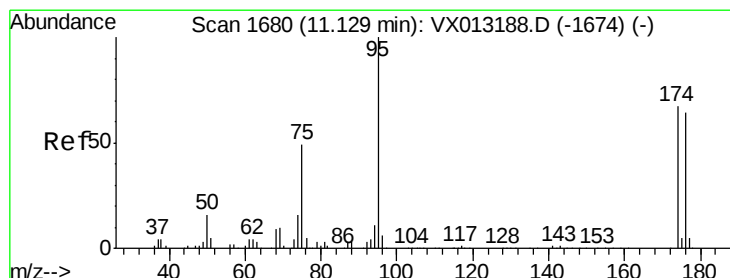
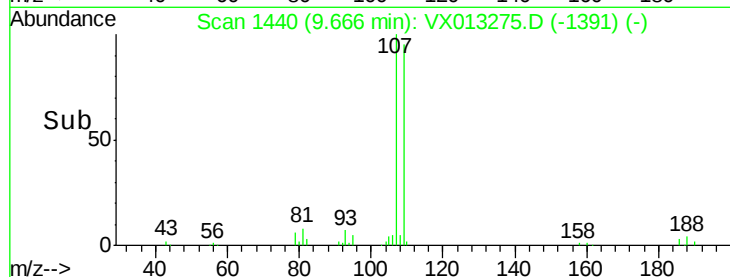
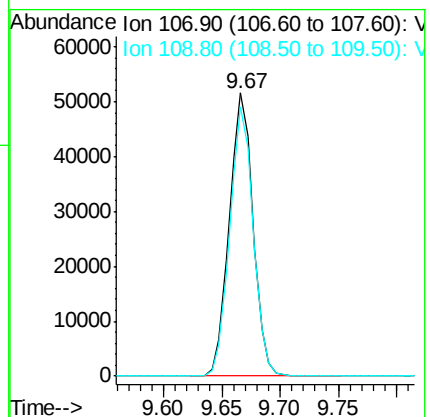
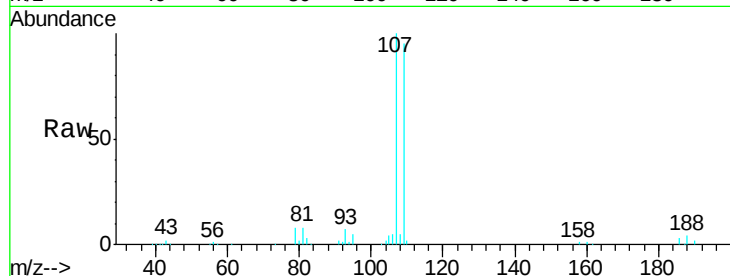
109 94.0 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 50.983 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

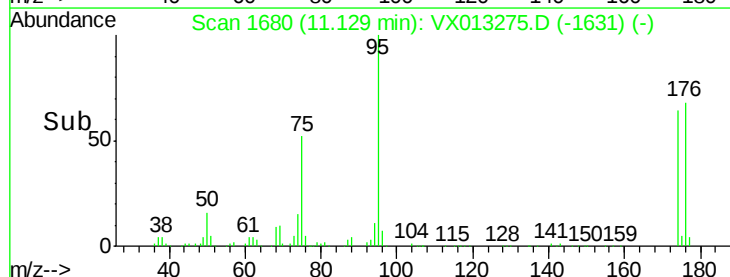
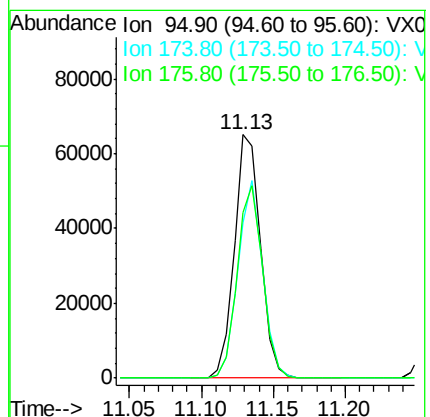
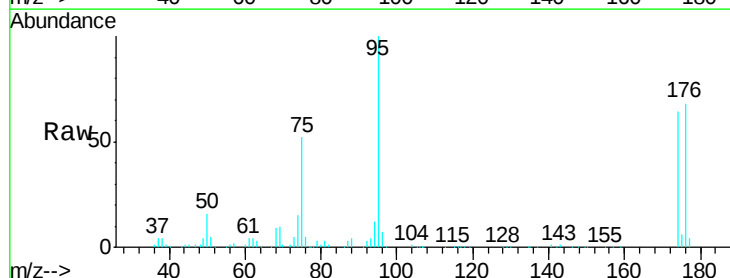
Tgt Ion: 95 Resp: 82989

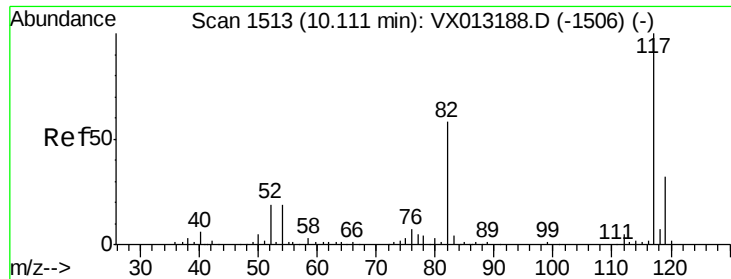
Ion Ratio Lower Upper

95 100

174 76.7 0.0 152.4

176 76.7 0.0 146.0





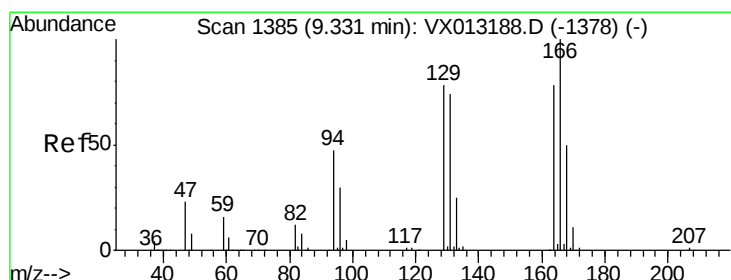
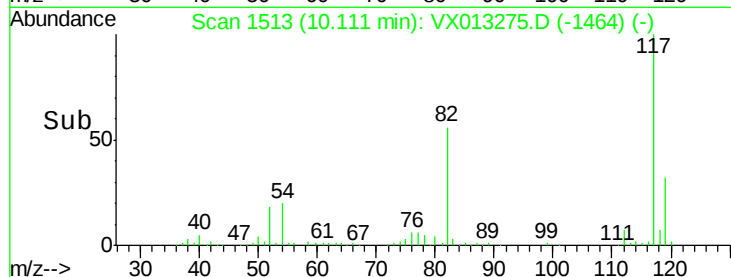
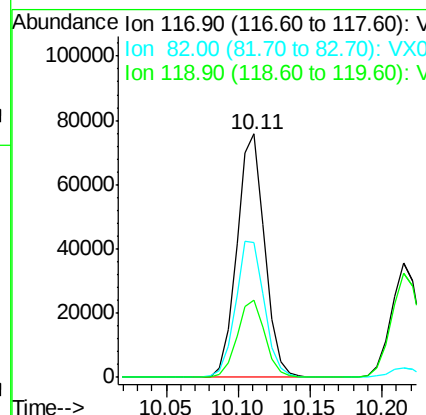
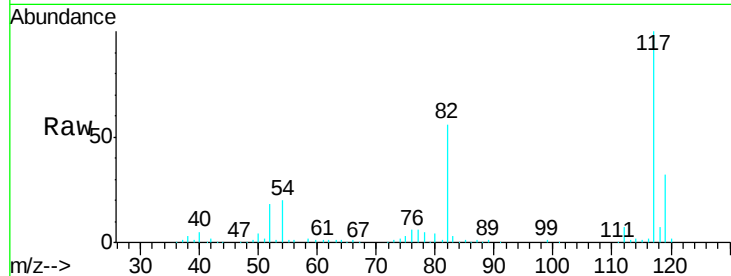
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	102077		
82	55.6	46.5	69.7	
119	31.7	25.2	37.8	

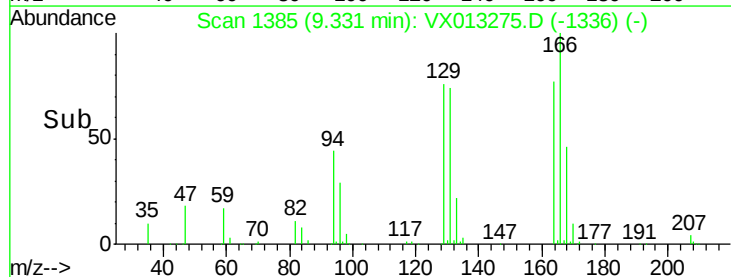
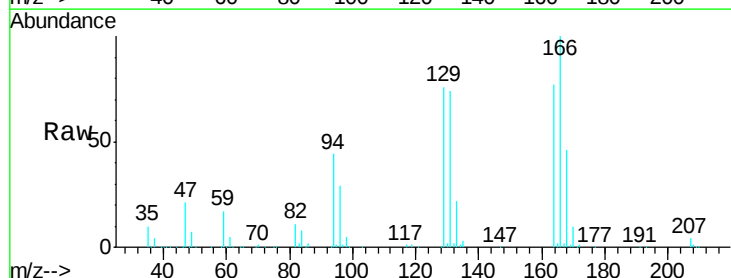
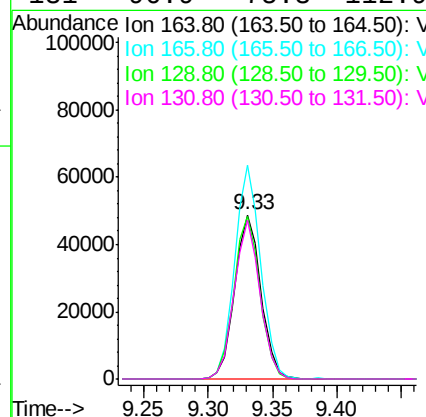
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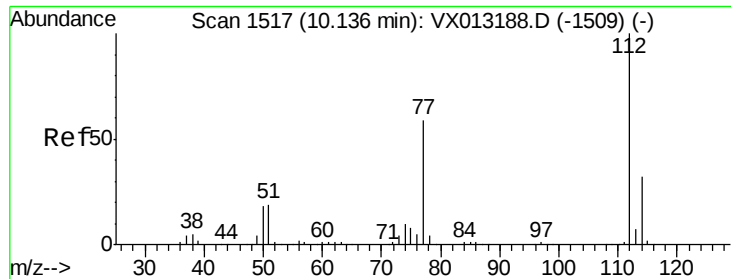
MMDadoda
10/30/2019 10:49:22 AM



#64
Tetrachloroethene
Concen: 55.657 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	69825		
166	130.4	102.2	153.4	
129	99.4	79.8	119.8	
131	96.9	75.3	112.9	





#65

Chlorobenzene

Concen: 50.776 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 181436

Ion Ratio Lower Upper

112 100

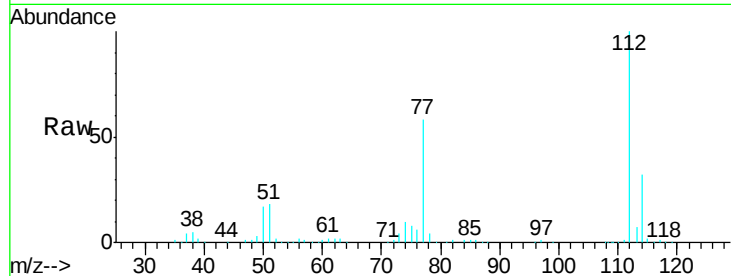
114 31.9 25.8 38.8

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

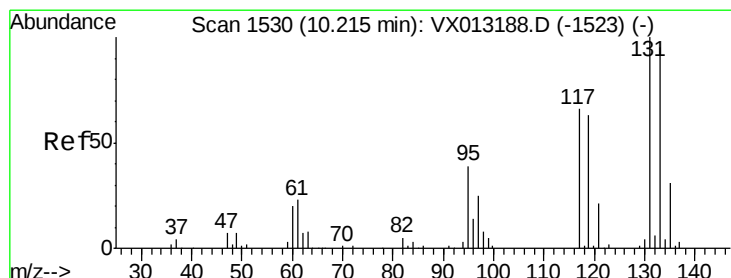
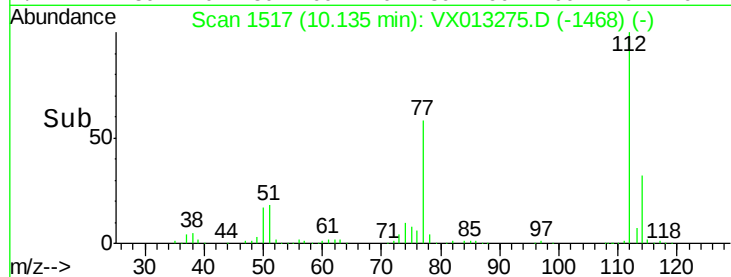
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 55.059 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

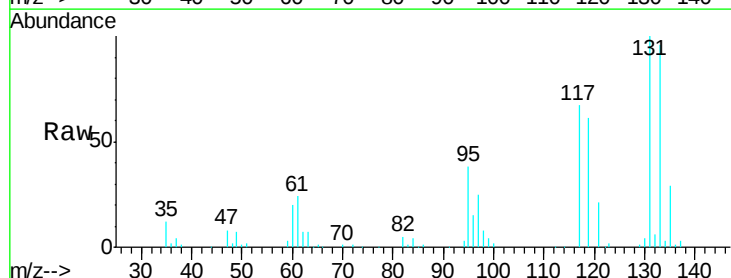
Tgt Ion:131 Resp: 72679

Ion Ratio Lower Upper

131 100

133 95.5 48.4 145.2

119 61.3 32.4 97.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

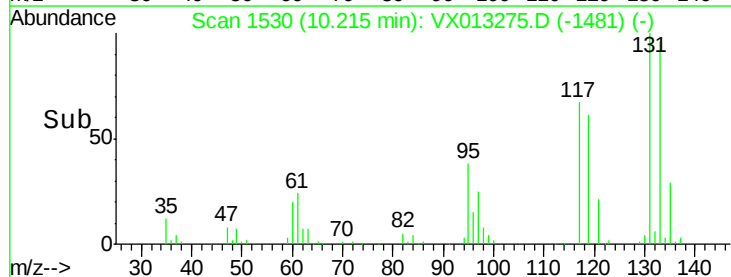
60000

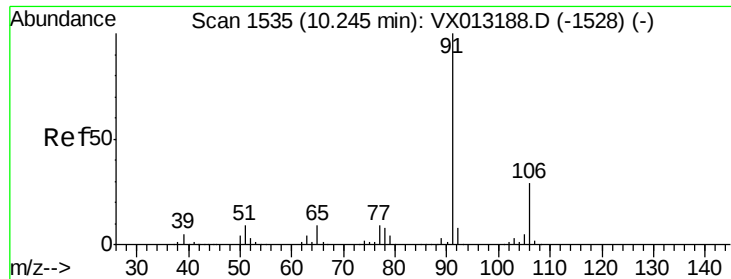
40000

20000

0

Time-->





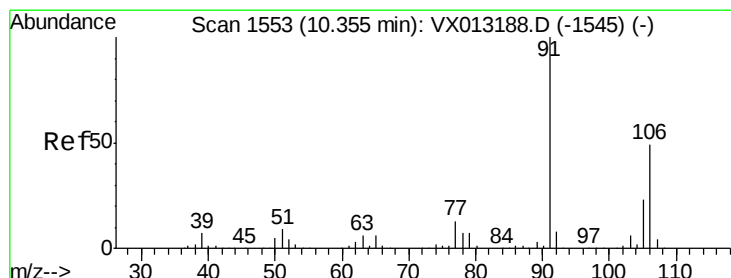
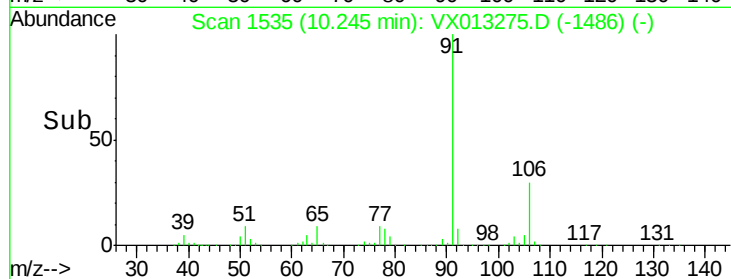
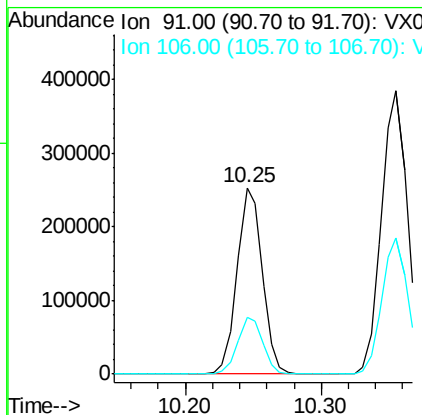
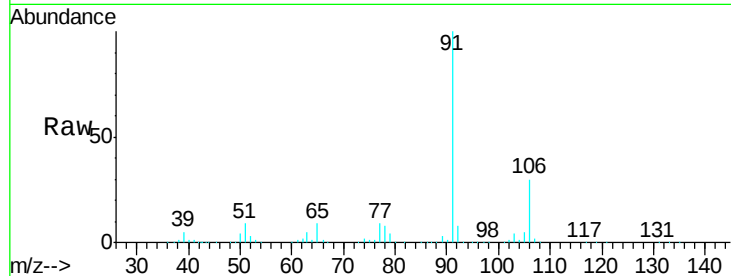
#67
Ethyl Benzene
Concen: 50.940 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 325865
Ion Ratio Lower Upper
91 100
106 30.2 23.5 35.3

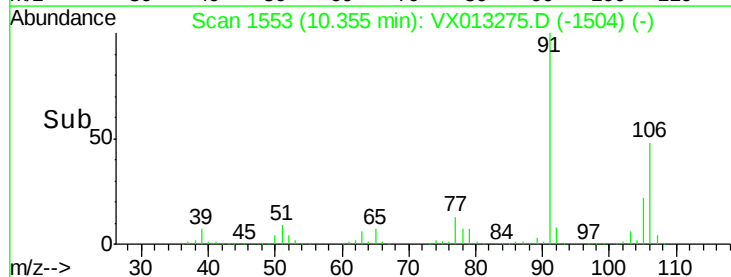
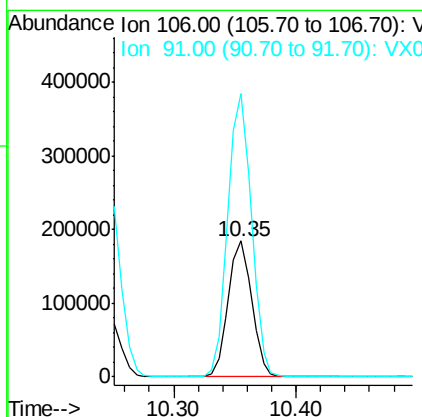
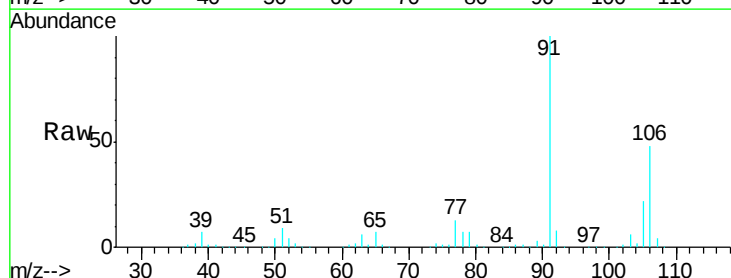
Manual Integrations
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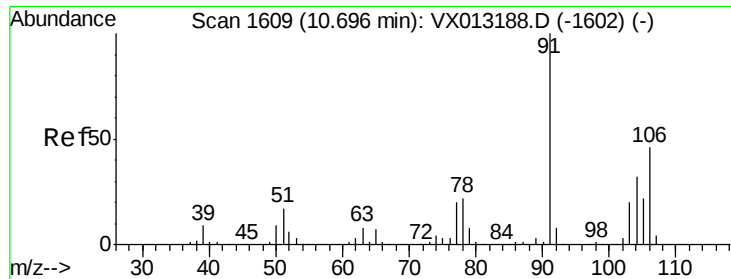
MMDadoda
10/30/2019 10:49:22 AM



#68
m/p-Xylenes
Concen: 101.751 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion: 106 Resp: 245987
Ion Ratio Lower Upper
106 100
91 209.0 166.8 250.2





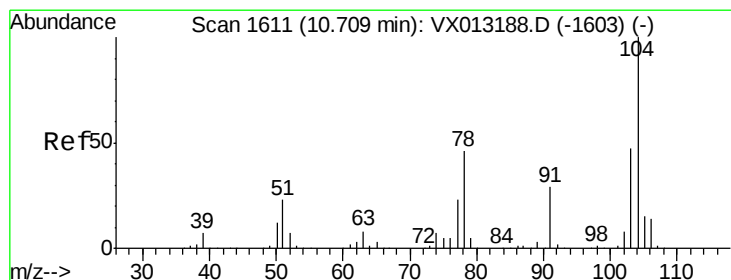
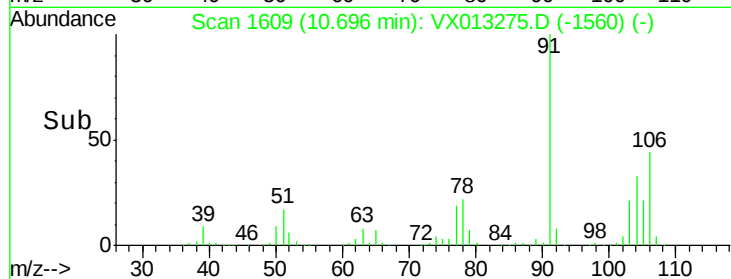
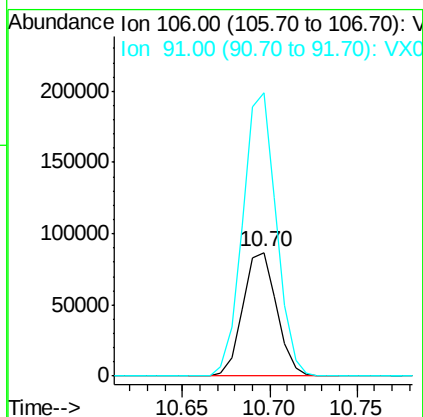
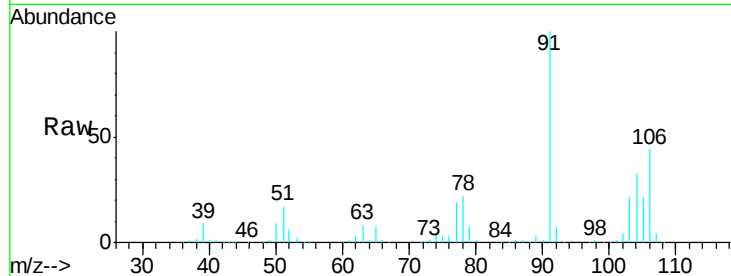
#69
o-Xylene
Concen: 50.357 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 116782
Ion Ratio Lower Upper
106 100
91 227.2 110.7 331.9

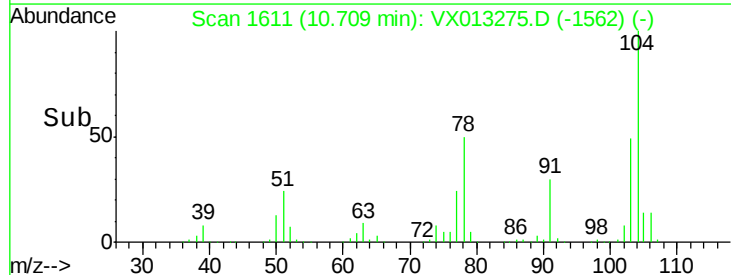
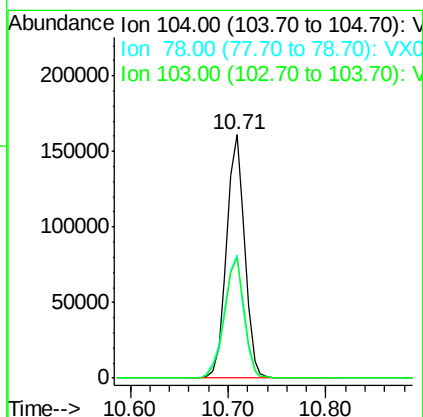
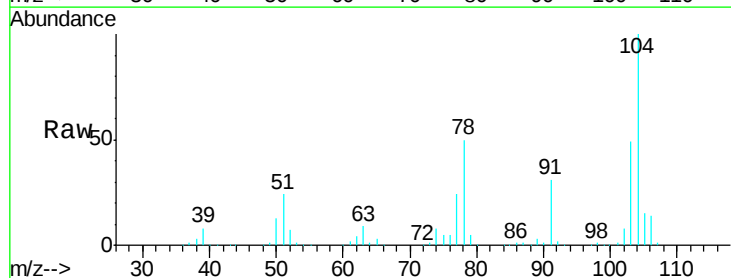
Manual Integrations
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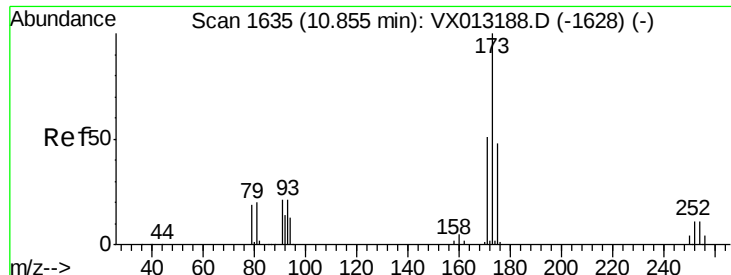
MMDadoda
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#70
Styrene
Concen: 51.992 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion:104 Resp: 207617
Ion Ratio Lower Upper
104 100
78 54.6 42.2 63.4
103 53.8 42.8 64.2





#71

Bromoform

Concen: 58.711 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 56627

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.8

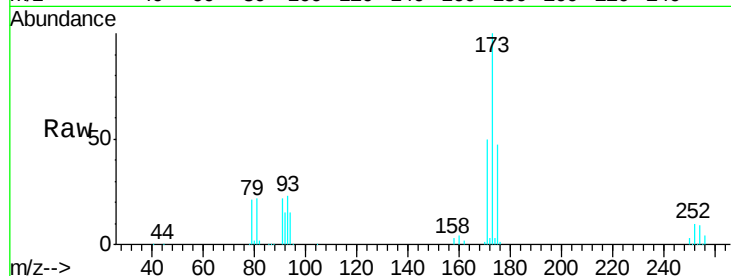
254 0.1 0.1 0.1#

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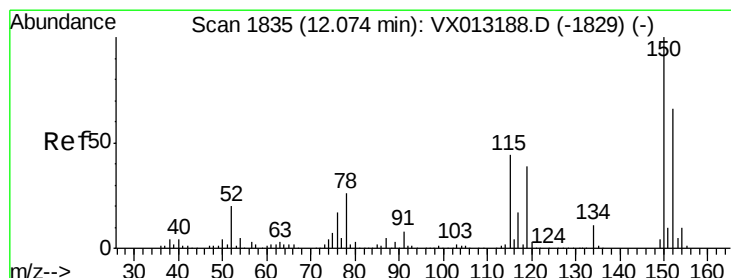
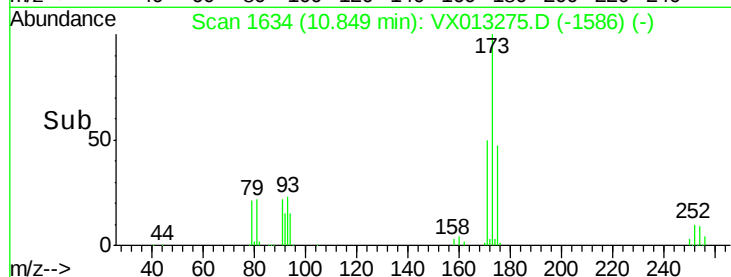
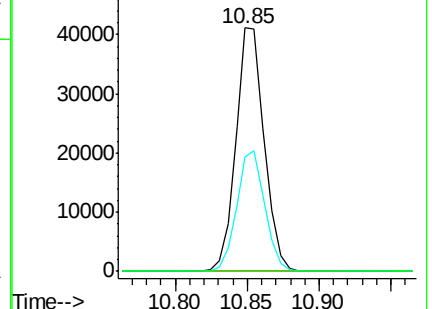
10/30/2019 10:49:22 AM



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: VX013275.D

Acq: 29 Oct 2019 17:50

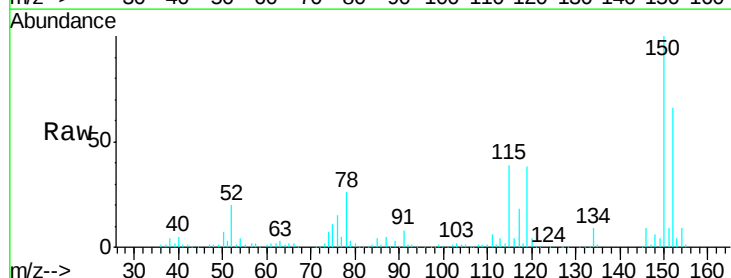
Tgt Ion:152 Resp: 73983

Ion Ratio Lower Upper

152 100

115 91.6 46.6 139.8

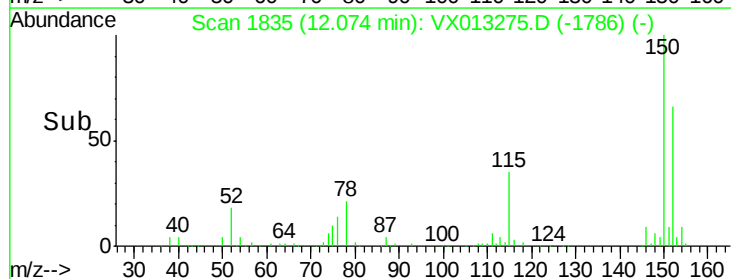
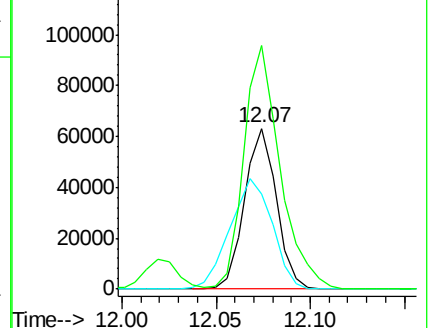
150 172.8 0.0 354.0

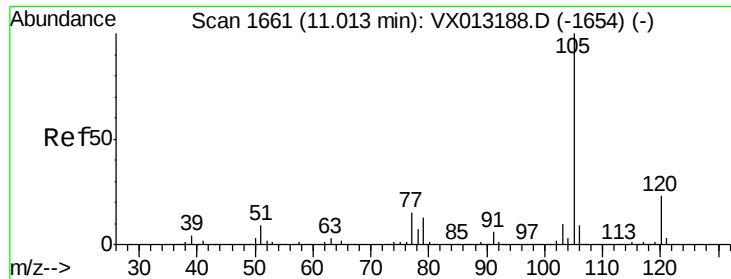


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.910 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 315158

Ion Ratio Lower Upper

105 100

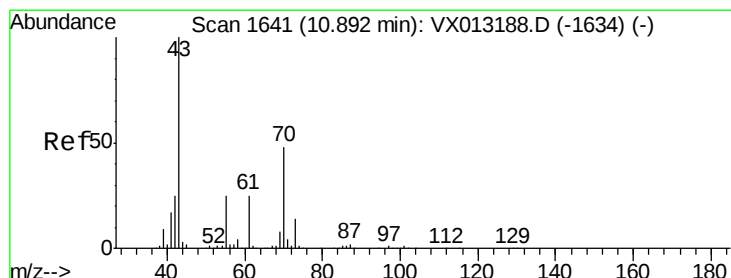
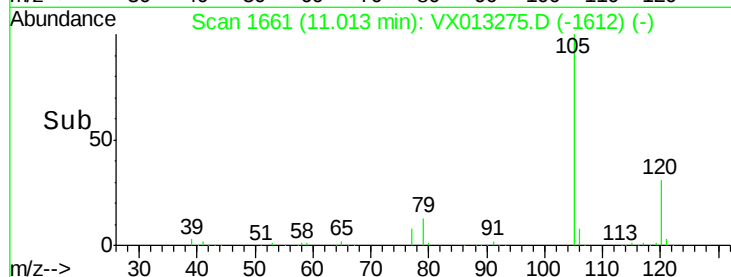
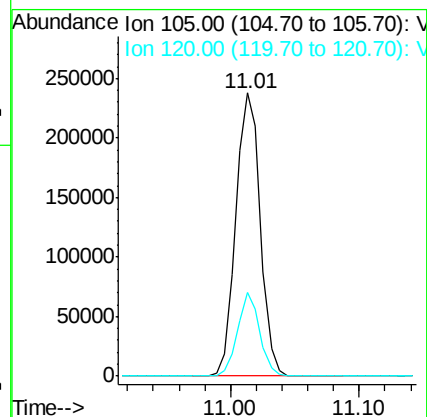
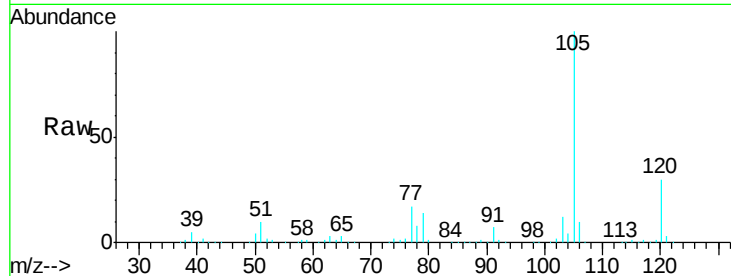
120 26.8 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.983 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Tgt Ion: 43 Resp: 123250

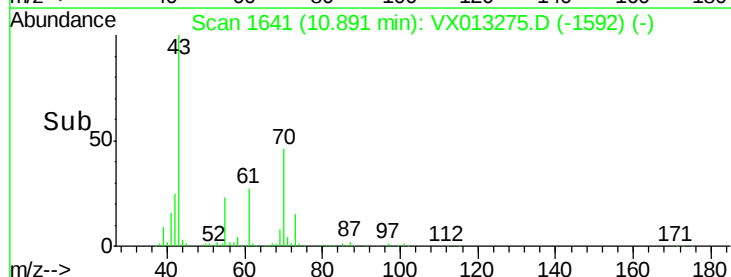
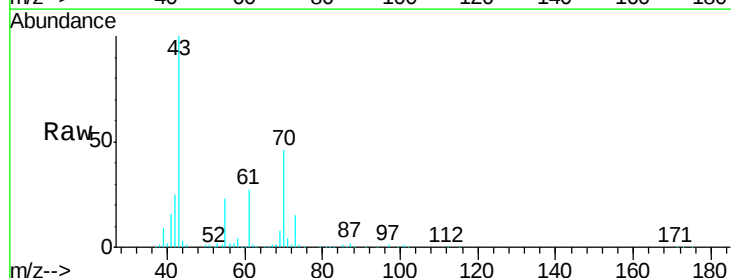
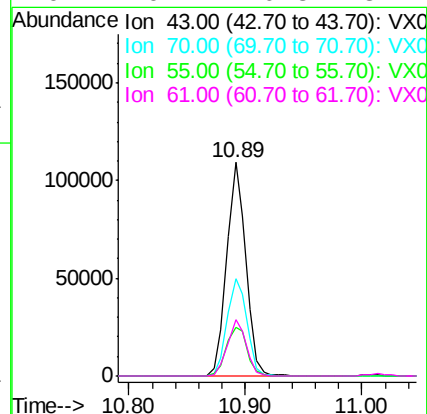
Ion Ratio Lower Upper

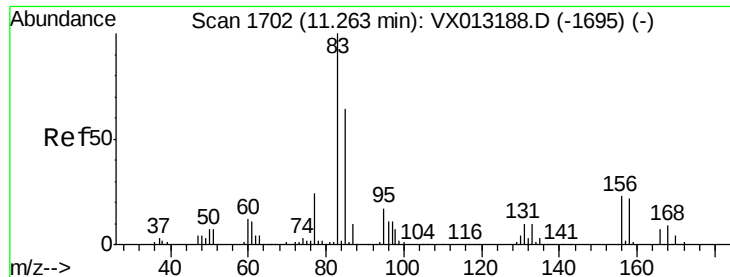
43 100

70 47.9 38.5 57.7

55 25.0 20.7 31.1

61 26.4 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.162 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

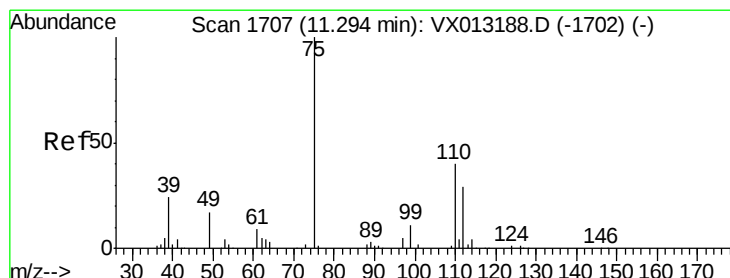
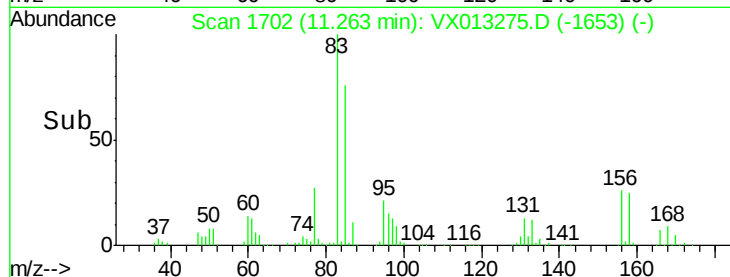
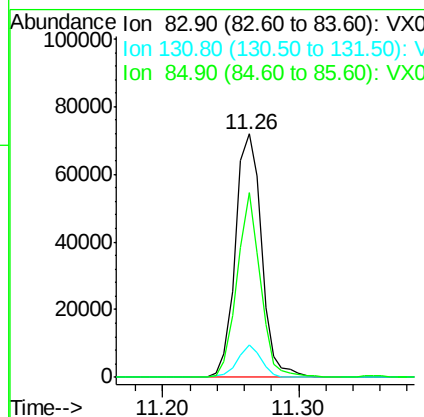
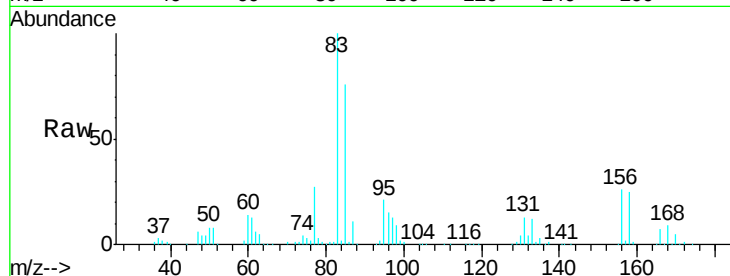
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	96208
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.3	16.1
85	67.8	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.119 ug/l m

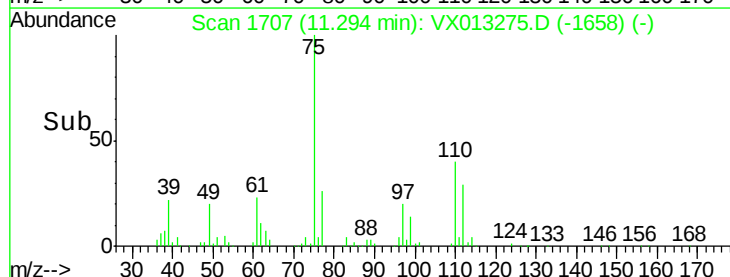
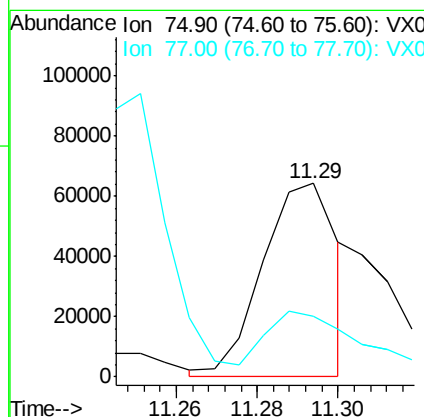
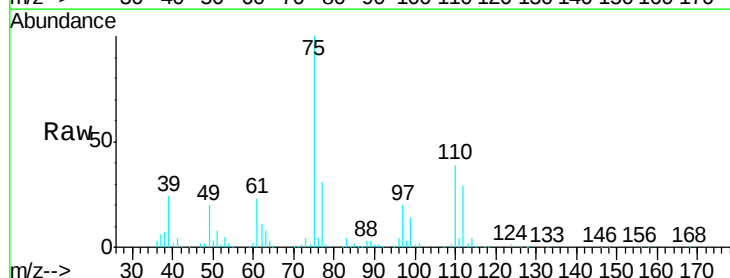
RT: 11.29 min Scan# 1707

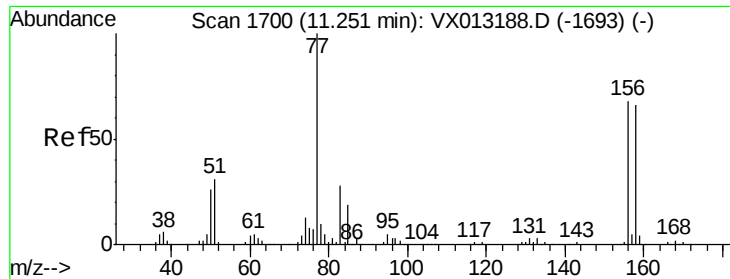
Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Tgt Ion:	75	Resp:	82236
Ion Ratio	Lower	Upper	
75	100		
77	44.2	19.1	57.5





#77

Bromobenzene

Concen: 47.653 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013275.D

Acq: 29 Oct 2019 17:50

Instrument :

MSVOA_X

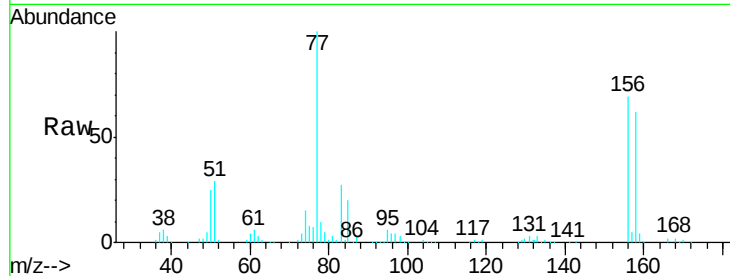
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	158.4	81.7	245.1
158	100.1	49.6	148.8

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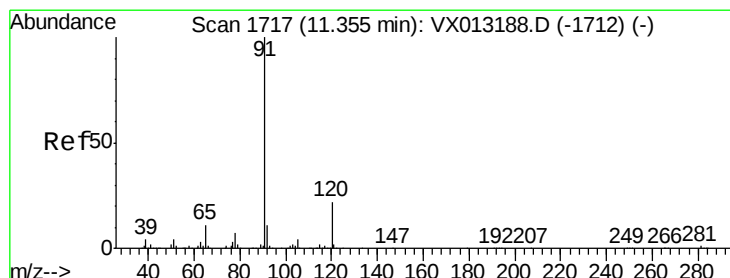
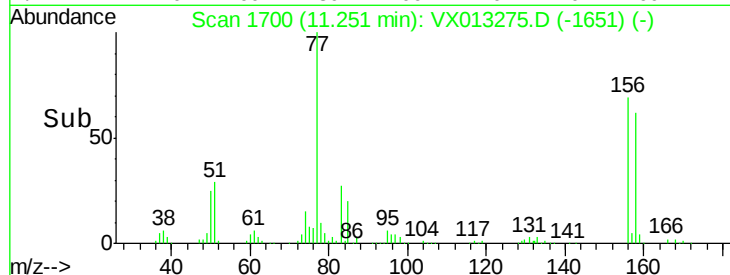
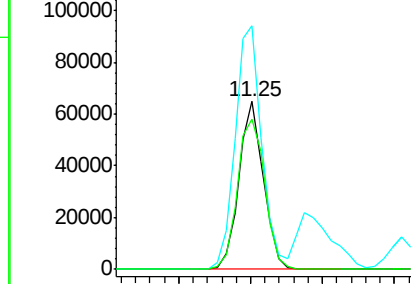
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.359 ug/l

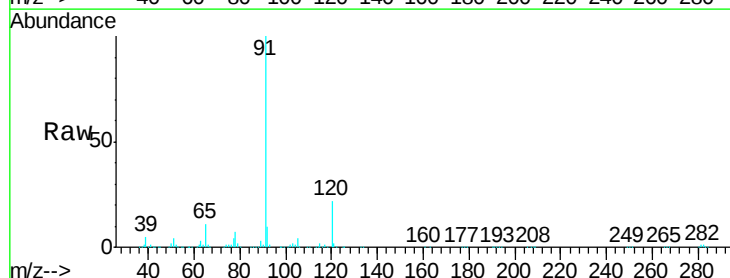
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013275.D

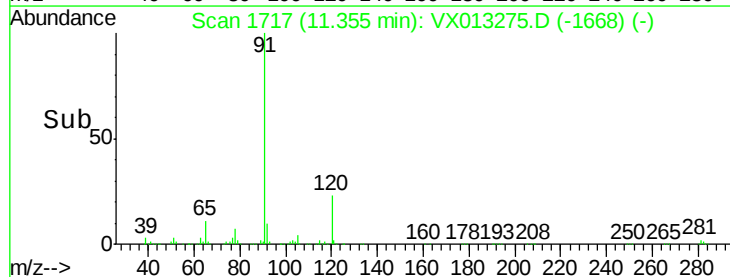
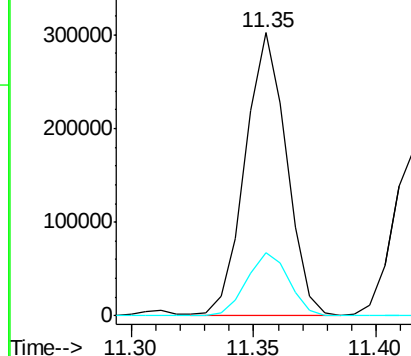
Acq: 29 Oct 2019 17:50

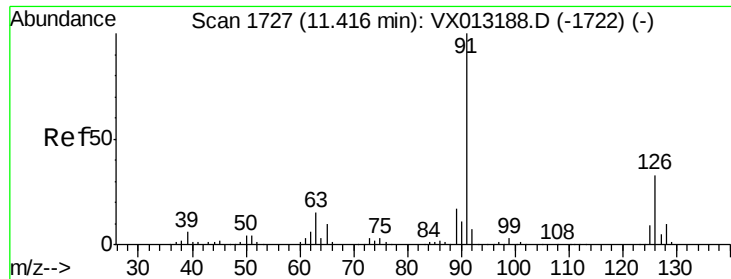
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.4	34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





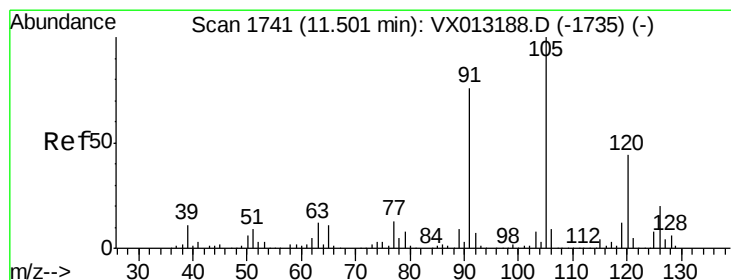
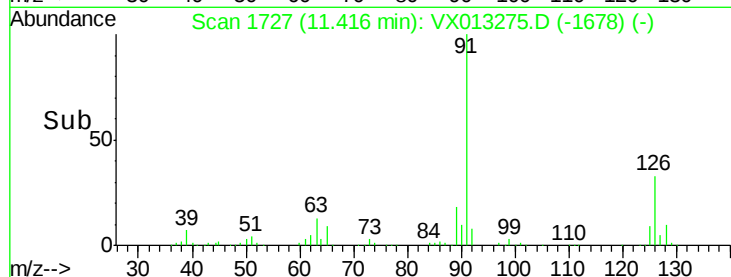
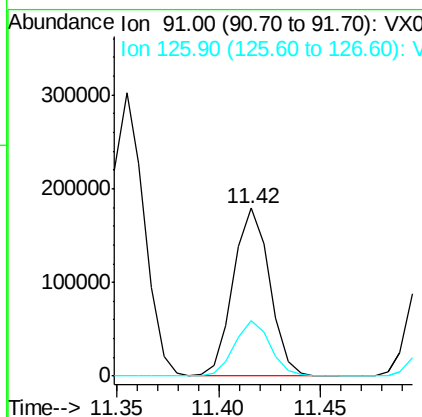
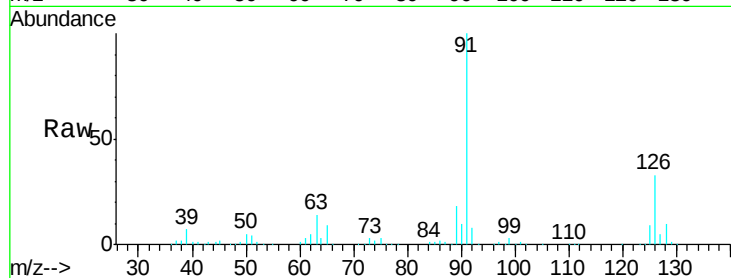
#79
 2-Chlorotoluene
 Concen: 47.889 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 220814
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.3 48.8

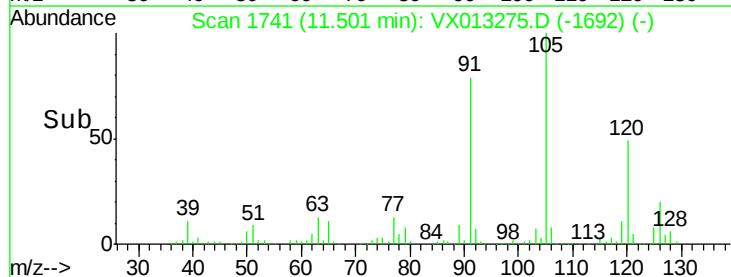
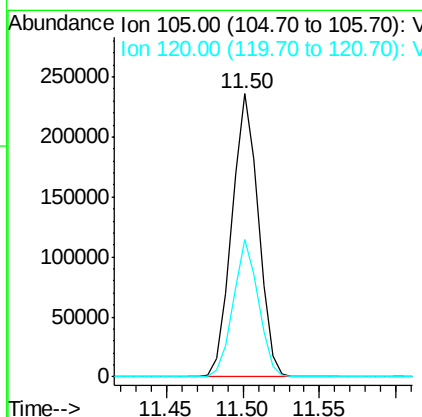
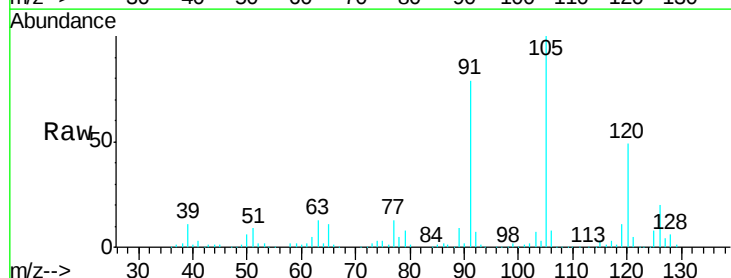
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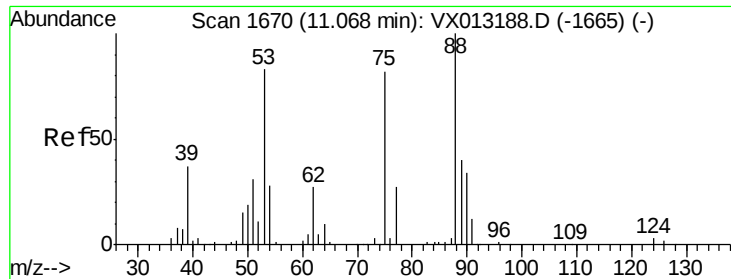
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.574 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion: 105 Resp: 282418
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.4 70.0





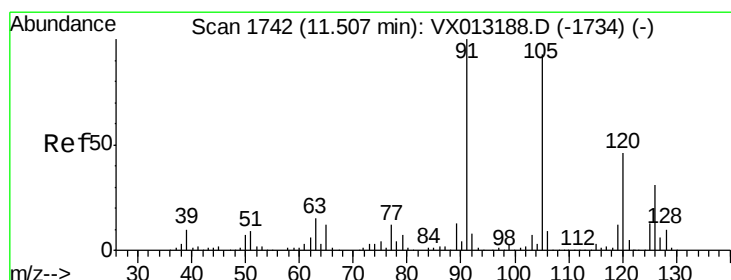
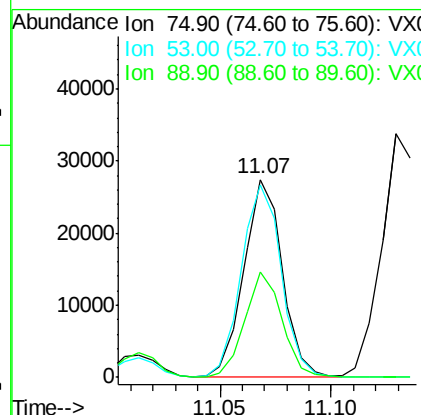
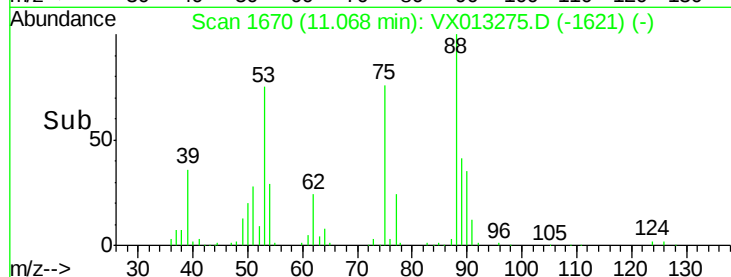
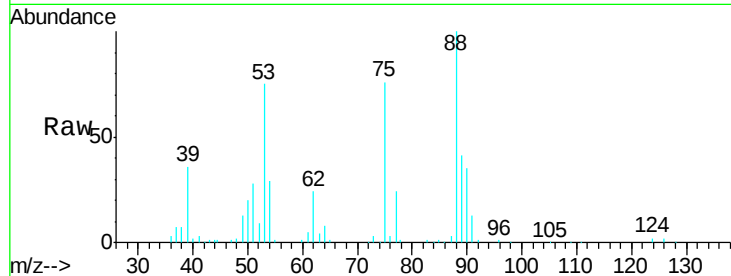
#81
trans-1,4-Dichloro-2-butene
Concen: 50.599 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.8	77.9	116.9
89	52.1	37.3	55.9

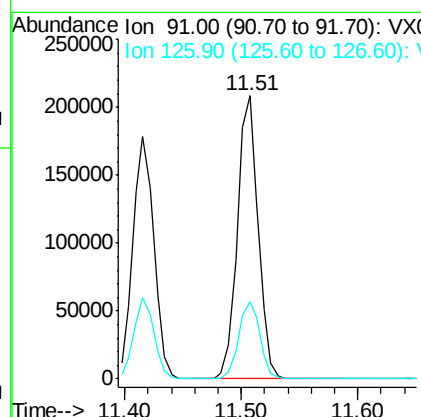
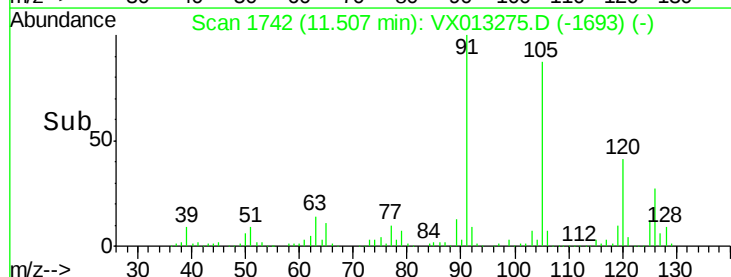
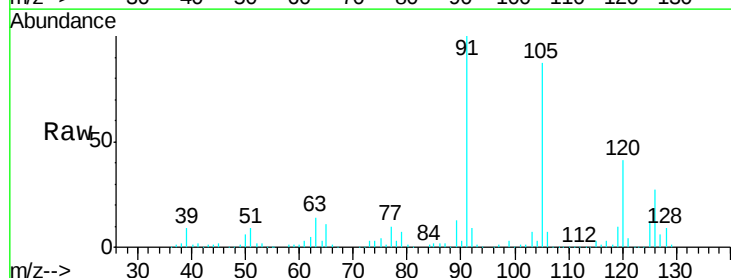
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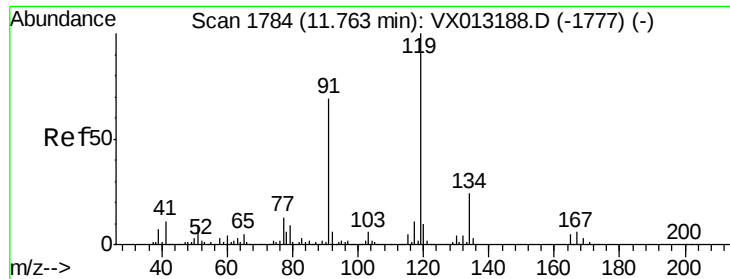
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#82
4-Chlorotoluene
Concen: 49.610 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.7	14.6	44.0





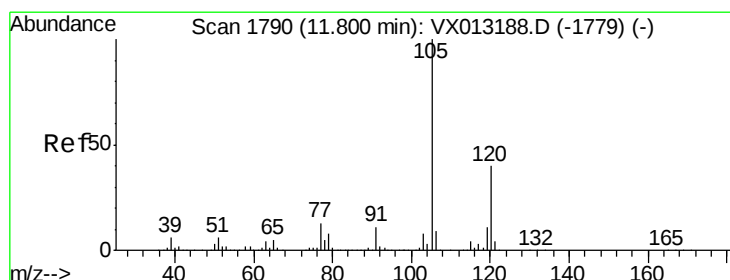
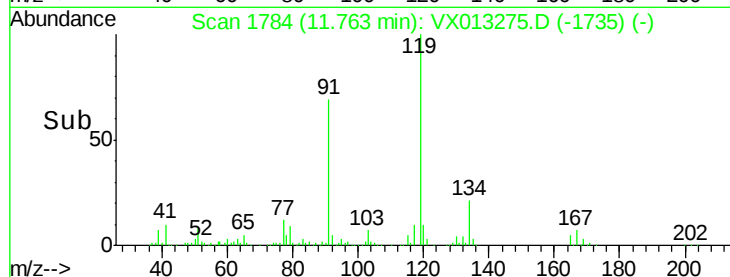
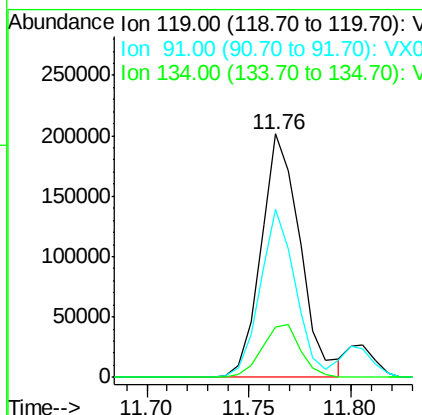
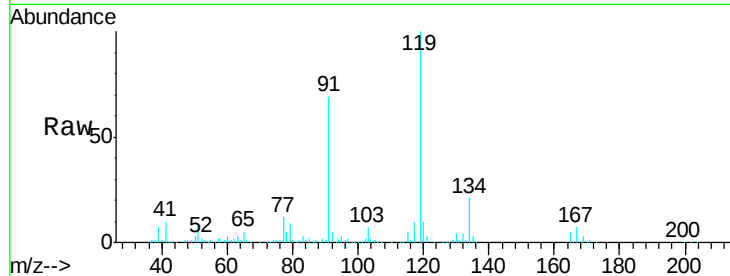
#83
 tert-Butylbenzene
 Concen: 48.576 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	268377		
91	62.4	30.8	92.4	
134	21.3	11.5	34.5	

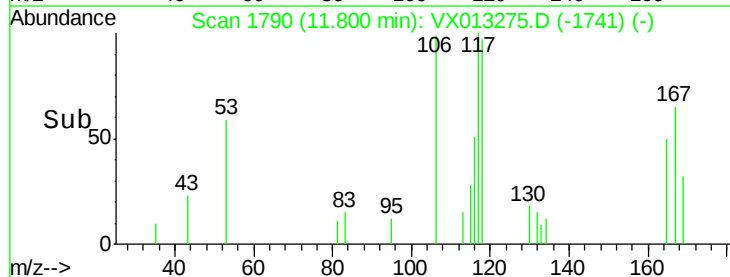
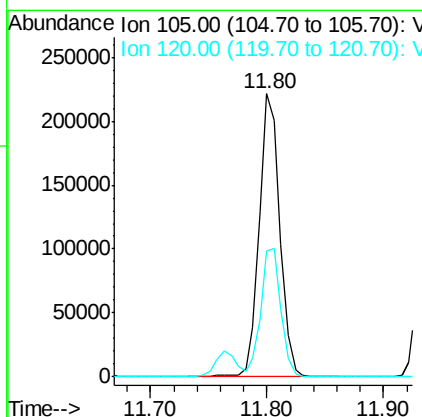
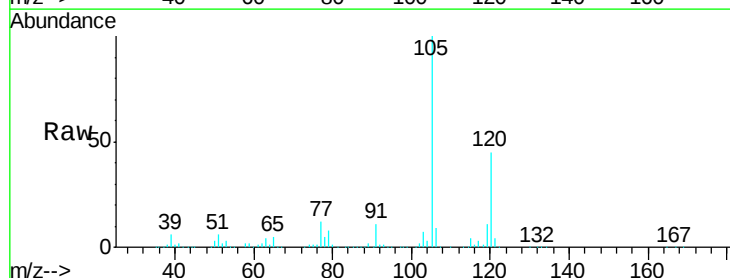
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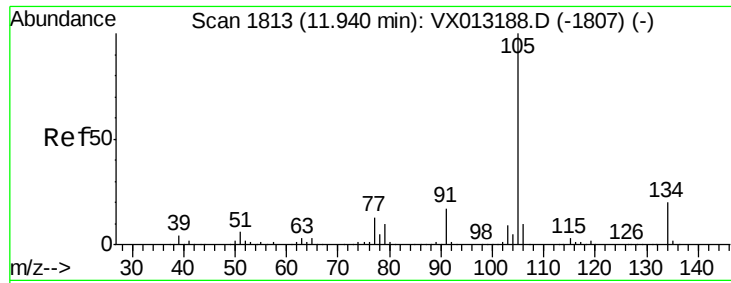
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.364 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	272414		
120	44.4	21.4	64.3	





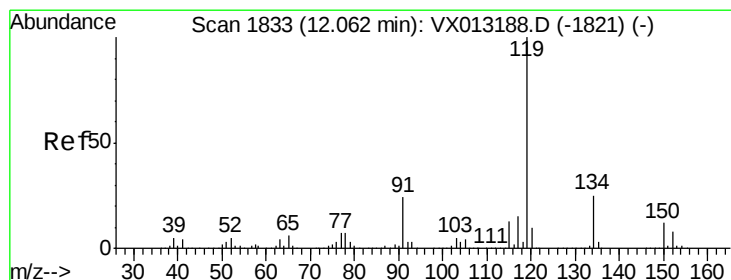
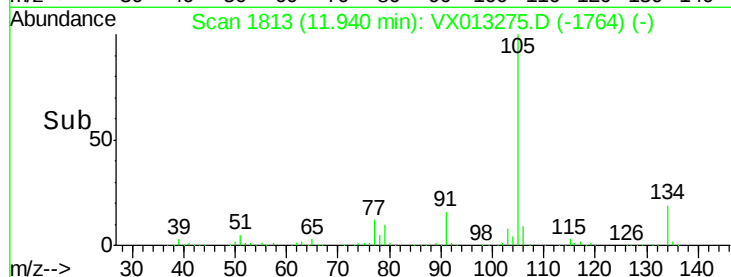
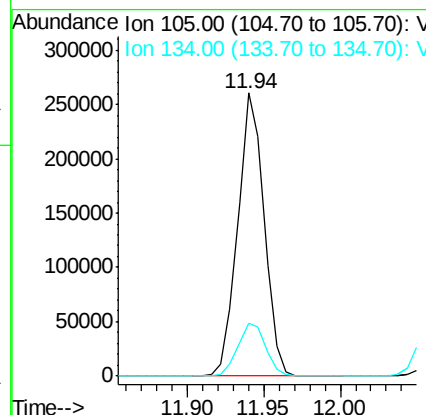
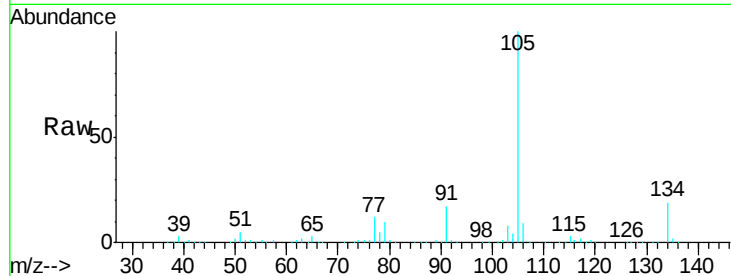
#85
 sec-Butylbenzene
 Concen: 49.482 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 311105
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.9 29.7

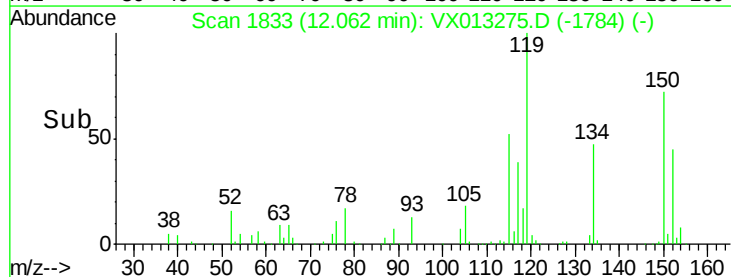
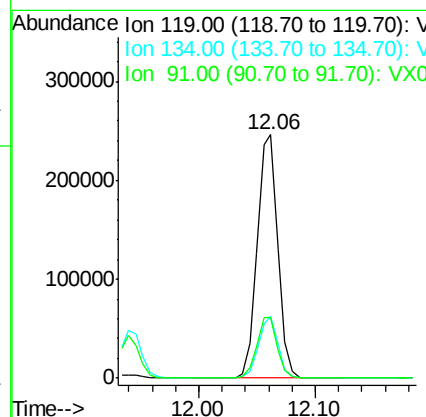
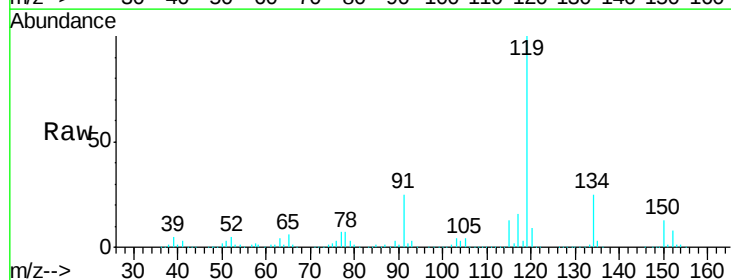
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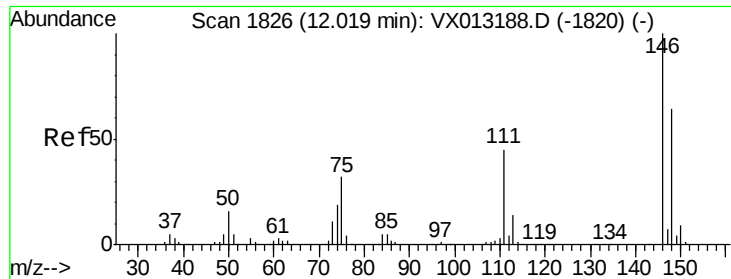
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#86
 p-Isopropyltoluene
 Concen: 51.207 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion:119 Resp: 302461
 Ion Ratio Lower Upper
 119 100
 134 23.8 12.5 37.5
 91 24.7 12.4 37.2





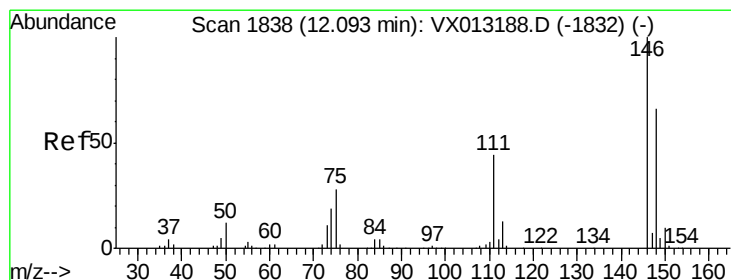
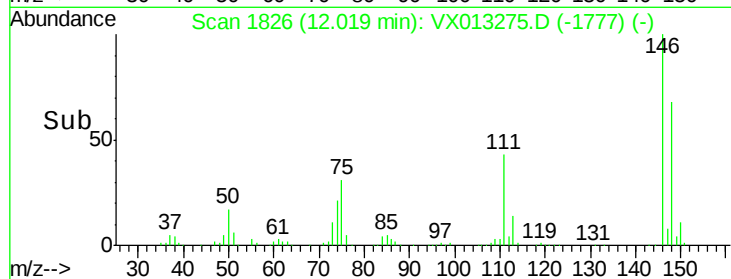
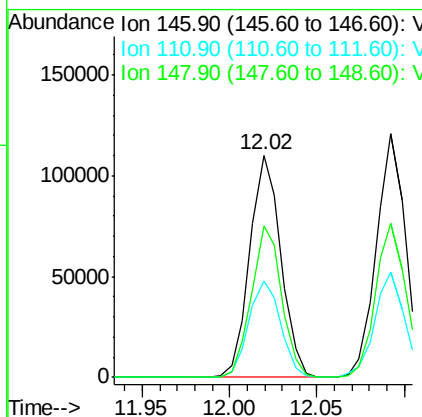
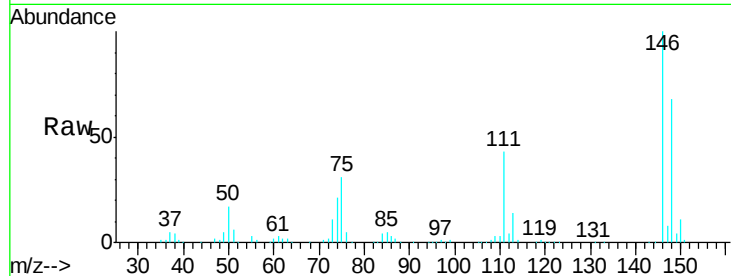
#87
 1,3-Dichlorobenzene
 Concen: 46.846 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.3	63.9
148	66.4	31.6	94.8

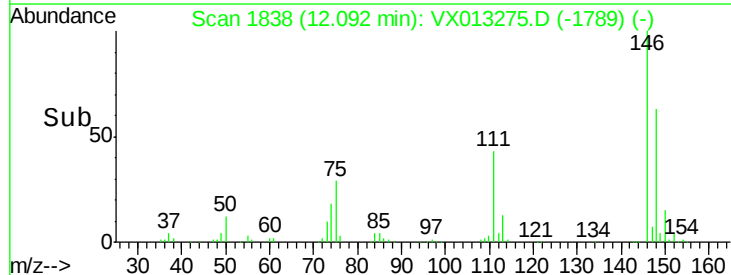
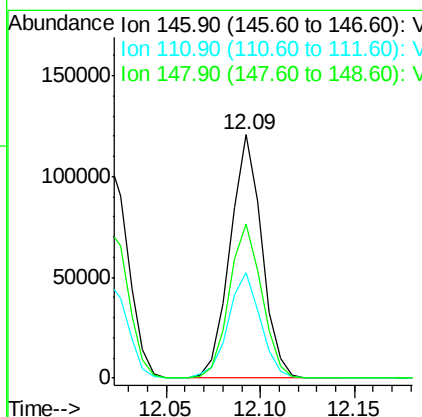
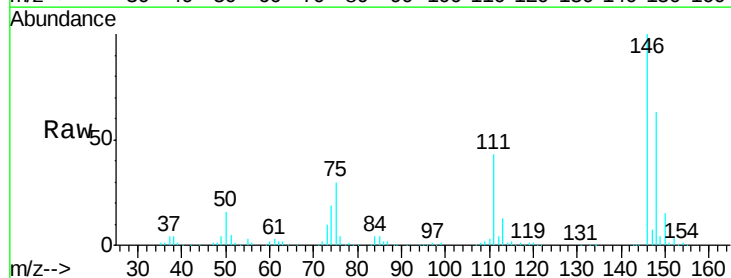
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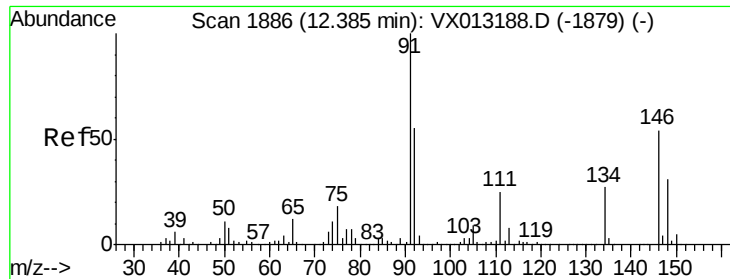
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#88
 1,4-Dichlorobenzene
 Concen: 47.529 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.3	63.9
148	65.0	32.5	97.5





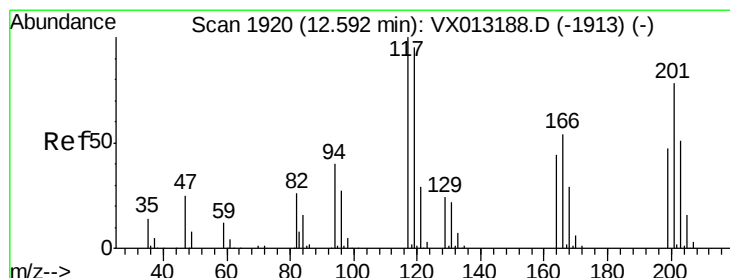
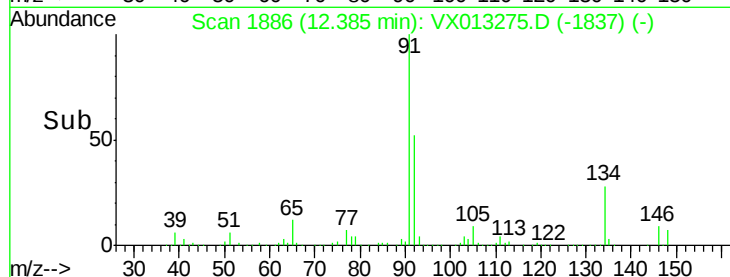
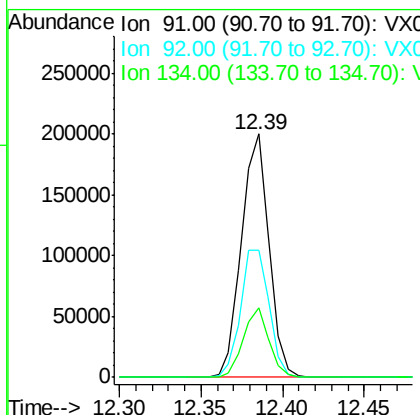
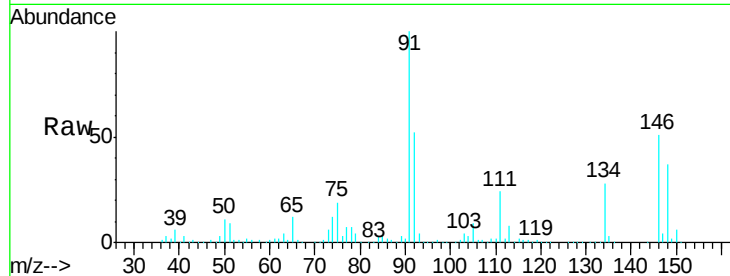
#89
n-Butylbenzene
Concen: 48.924 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 236395
Ion Ratio Lower Upper
91 100
92 54.5 27.7 83.1
134 26.5 13.2 39.6

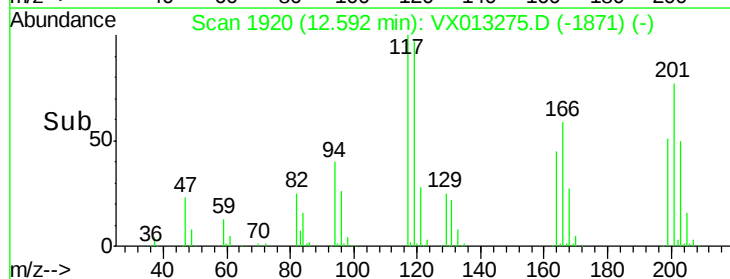
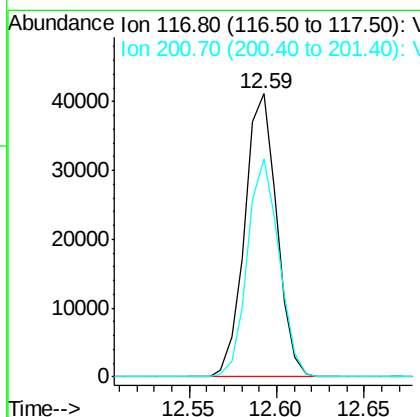
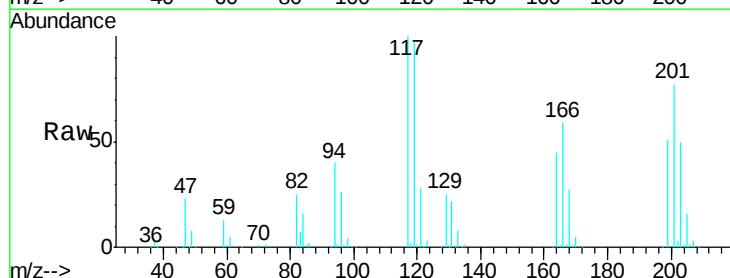
Manual Integrations
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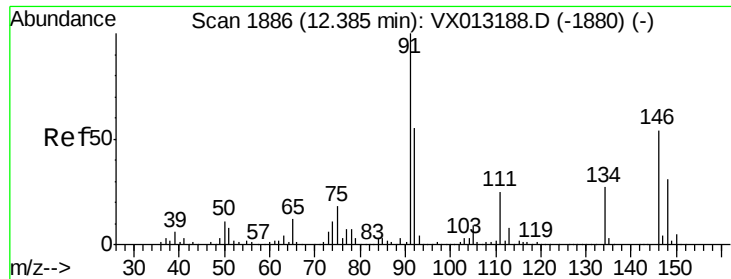
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#90
Hexachloroethane
Concen: 53.224 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion: 117 Resp: 52647
Ion Ratio Lower Upper
117 100
201 76.1 39.0 116.9





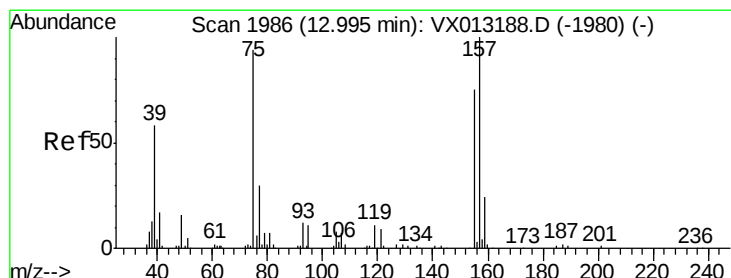
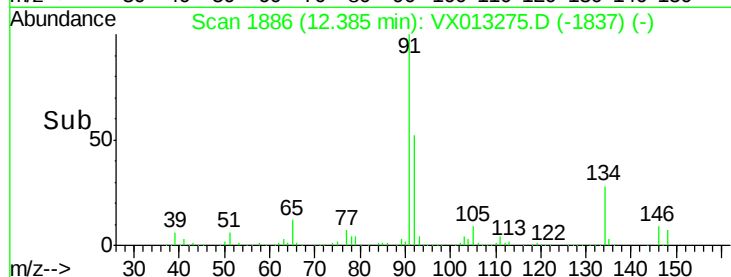
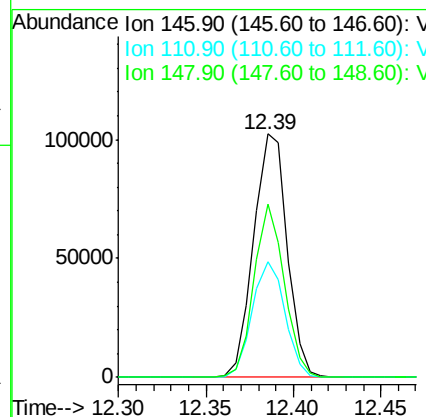
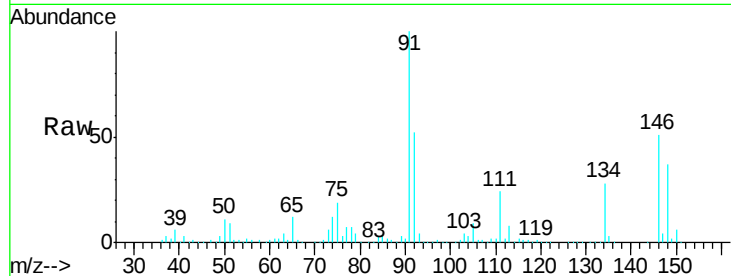
#91
 1,2-Dichlorobenzene
 Concen: 47.892 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.3	22.9	68.8
148	64.1	31.8	95.3

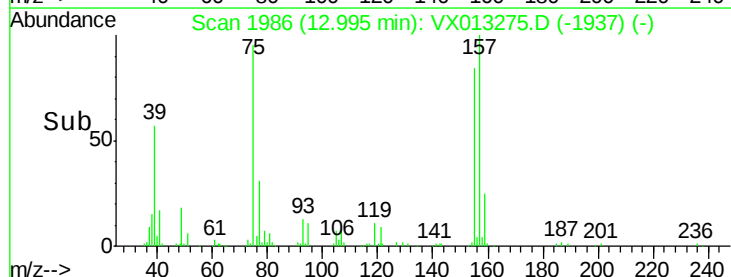
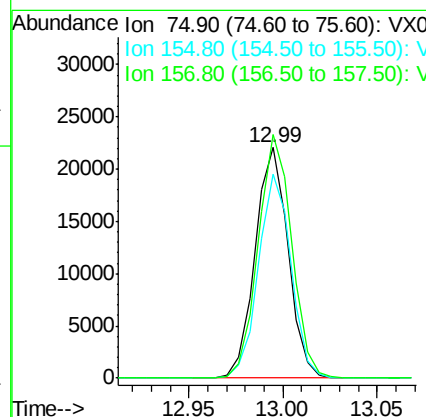
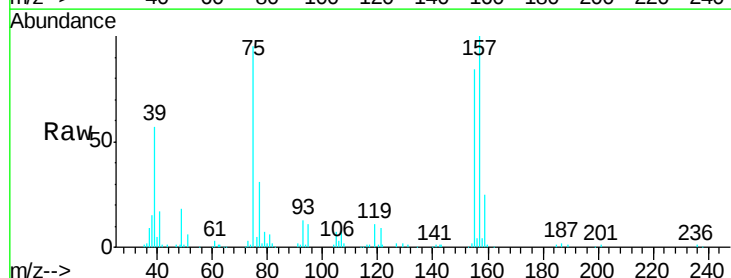
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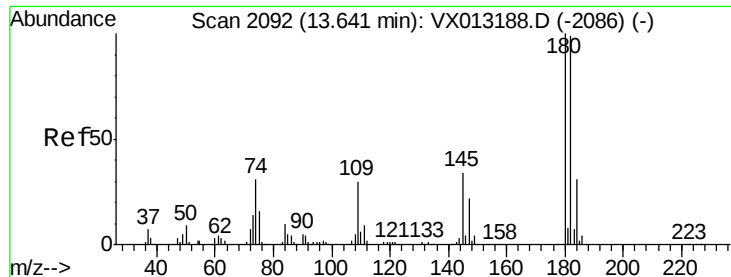
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.740 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.1	42.8	128.4
157	107.2	54.3	162.8





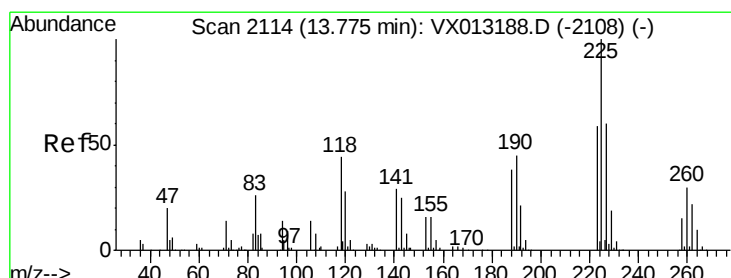
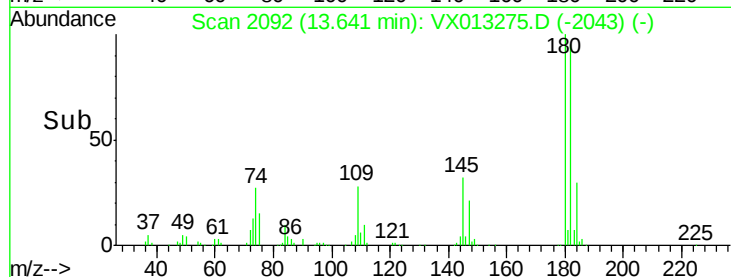
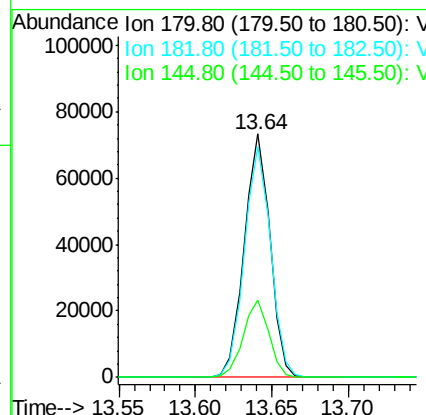
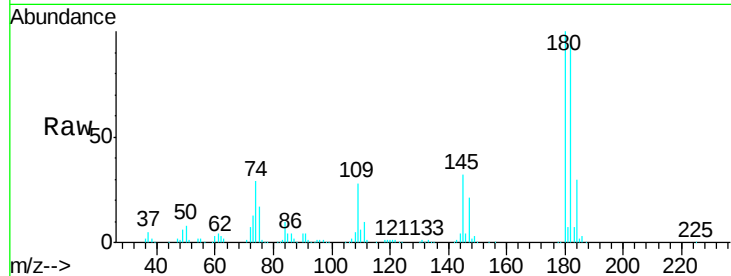
#93
 1,2,4-Trichlorobenzene
 Concen: 47.392 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	45.9	137.6
145	31.8	15.9	47.6

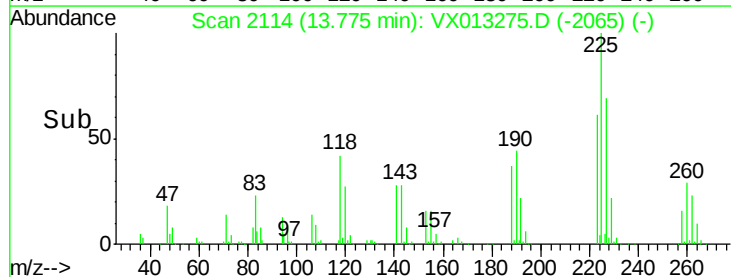
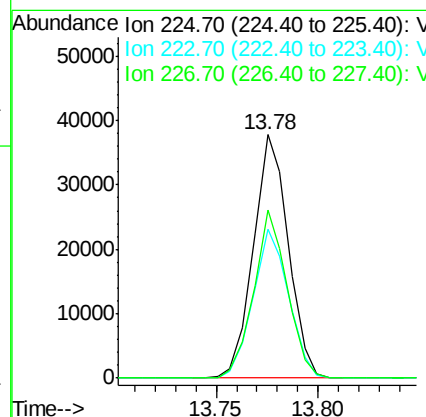
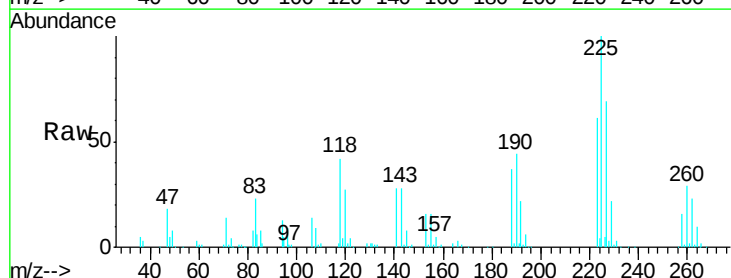
Manual Integrations
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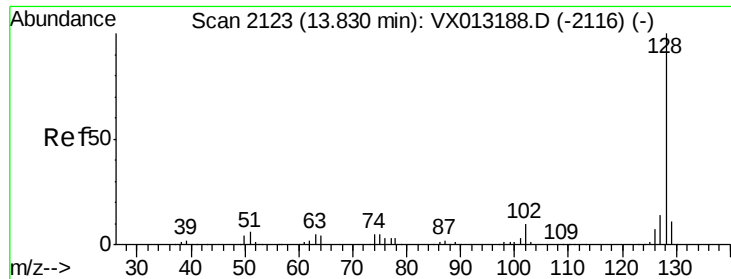
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#94
 Hexachlorobutadiene
 Concen: 48.339 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013275.D
 Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.9	92.5
227	65.8	30.3	90.9





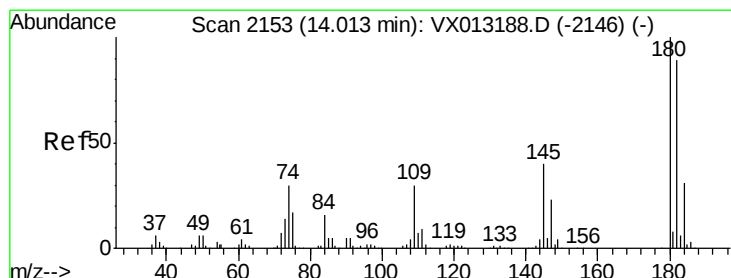
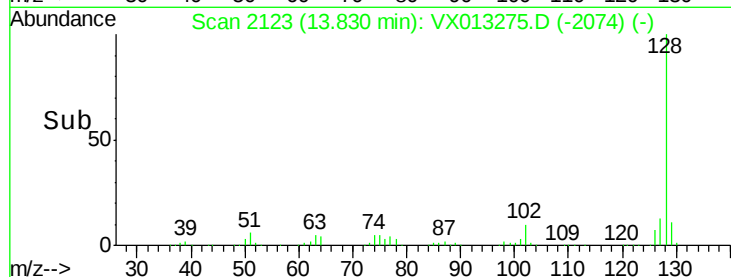
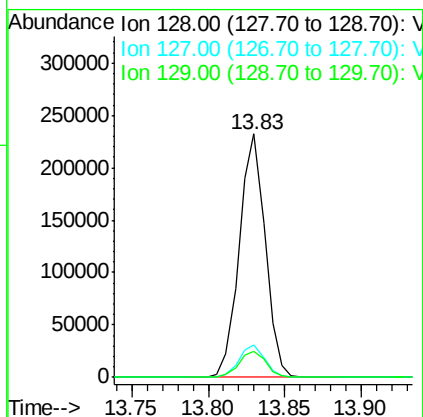
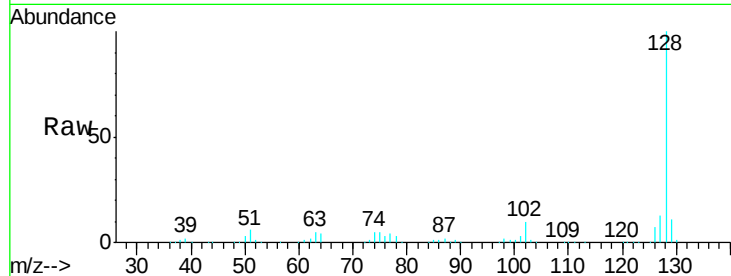
#95
Naphthalene
Concen: 49.409 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	11.1	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.143 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013275.D
Acq: 29 Oct 2019 17:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.3	144.9
145	35.6	18.6	55.6

