

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112219\
 Data File : VX013525.D
 Acq On : 22 Nov 2019 12:06
 Operator : JC/SP
 Sample : VX1122WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/25/2019 10:40:31 AM

Quant Time: Nov 22 14:23:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	715730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1111475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	981208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	480190	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	385131	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
35) Dibromofluoromethane	5.48	113	316516	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
50) Toluene-d8	8.71	98	1188160	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
62) 4-Bromofluorobenzene	11.14	95	425101	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	125089	15.168	ug/l	99
3) Chloromethane	1.32	50	137958	15.426	ug/l	98
4) Vinyl Chloride	1.40	62	166820	16.385	ug/l	99
5) Bromomethane	1.63	94	97986	13.811	ug/l	99
6) Chloroethane	1.72	64	95514	15.592	ug/l	99
7) Trichlorofluoromethane	1.92	101	195007	16.212	ug/l	96
8) Diethyl Ether	2.18	74	92301	17.353	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123583	18.433	ug/l	97
10) Methyl Iodide	2.50	142	122079	14.708	ug/l	96
11) Tert butyl alcohol	3.03	59	173441	77.606	ug/l	99
12) 1,1-Dichloroethene	2.36	96	116928	17.810	ug/l	99
13) Acrolein	2.28	56	81273	67.099	ug/l	96
14) Allyl chloride	2.72	41	212209	17.790	ug/l	96
15) Acrylonitrile	3.13	53	401927	96.277	ug/l	99
16) Acetone	2.43	43	428651	101.351	ug/l	100
17) Carbon Disulfide	2.56	76	267427	15.219	ug/l	98
18) Methyl Acetate	2.76	43	231559	19.832	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	421879	19.266	ug/l	97
20) Methylene Chloride	2.84	84	140045	17.922	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	126703	17.725	ug/l	95
22) Diisopropyl ether	3.84	45	454615	19.740	ug/l	99
23) Vinyl Acetate	3.80	43	1771848	89.911	ug/l	100
24) 1,1-Dichloroethane	3.69	63	240040	18.632	ug/l	98
25) 2-Butanone	4.65	43	601213	96.899	ug/l	99
26) 2,2-Dichloropropane	4.57	77	192552	18.788	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	150198	18.757	ug/l	99
28) Bromochloromethane	5.00	49	69007	18.865	ug/l	98
29) Tetrahydrofuran	5.11	42	358083	93.654	ug/l	99
30) Chloroform	5.20	83	237771	18.691	ug/l	95
31) Cyclohexane	5.57	56	201766	17.405	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	198072	18.092	ug/l	100
36) 1,1-Dichloropropene	5.79	75	170747	17.907	ug/l	99
37) Ethyl Acetate	4.82	43	209926	17.817	ug/l	99
38) Carbon Tetrachloride	5.78	117	167936	18.011	ug/l	97

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Quant Time: Nov 22 14:23:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	203789	17.153	ug/l	99
40) Benzene	6.13	78	534821	18.006	ug/l	99
41) Methacrylonitrile	5.03	41	120316	18.219	ug/l	98
42) 1,2-Dichloroethane	6.18	62	191804	17.903	ug/l	97
43) Isopropyl Acetate	6.43	43	337971	18.421	ug/l	98
44) Trichloroethene	7.21	130	145822	17.836	ug/l	97
45) 1,2-Dichloropropane	7.51	63	137708	18.197	ug/l	95
46) Dibromomethane	7.65	93	89180	17.259	ug/l	95
47) Bromodichloromethane	7.89	83	181405	18.618	ug/l	98
48) Methyl methacrylate	7.76	41	169162	18.471	ug/l	97
49) 1,4-Dioxane	7.73	88	67089	319.872	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1107094	91.973	ug/l	99
52) Toluene	8.78	92	337151	18.315	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	198288	18.611	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	218260	18.313	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	144029	18.876	ug/l	99
56) Ethyl methacrylate	9.17	69	224753	18.277	ug/l	96
57) 1,3-Dichloropropane	9.37	76	240458	18.564	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	460478	88.262	ug/l	100
59) 2-Hexanone	9.48	43	865879	93.085	ug/l	98
60) Dibromochloromethane	9.57	129	143167	18.346	ug/l	98
61) 1,2-Dibromoethane	9.67	107	144354	17.816	ug/l	97
64) Tetrachloroethene	9.33	164	147390	20.983	ug/l	97
65) Chlorobenzene	10.14	112	365087	18.378	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	136904	18.770	ug/l	100
67) Ethyl Benzene	10.25	91	634774	18.515	ug/l	99
68) m/p-Xylenes	10.35	106	481544	37.138	ug/l	100
69) o-Xylene	10.70	106	238737	18.807	ug/l	96
70) Styrene	10.71	104	402504	18.968	ug/l	98
71) Bromoform	10.85	173	112330	18.748	ug/l #	98
73) Isopropylbenzene	11.01	105	641198	20.140	ug/l	100
74) N-amyl acetate	10.89	43	289143	19.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	231246	19.910	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	212329m	21.770	ug/l	
77) Bromobenzene	11.25	156	168054	19.800	ug/l	98
78) n-propylbenzene	11.35	91	691466	19.497	ug/l	98
79) 2-Chlorotoluene	11.42	91	422318	19.764	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	525543	19.818	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68328	18.032	ug/l	99
82) 4-Chlorotoluene	11.51	91	475682	19.018	ug/l	100
83) tert-Butylbenzene	11.76	119	517007	19.367	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	525517	19.755	ug/l	99
85) sec-Butylbenzene	11.94	105	607007	19.785	ug/l	99
86) p-Isopropyltoluene	12.06	119	558215	19.759	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	286257	18.921	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	283461	18.390	ug/l	99
89) n-Butylbenzene	12.39	91	461519	18.722	ug/l	99
90) Hexachloroethane	12.59	117	97169	19.304	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	292460	19.339	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48533	17.151	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

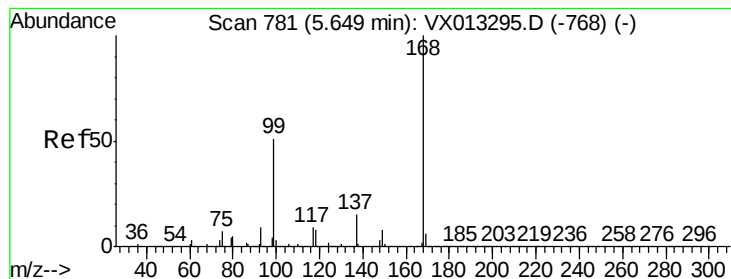
Manual Integrations
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Quant Time: Nov 22 14:23:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	191520	18.156	ug/l	100
94) Hexachlorobutadiene	13.78	225	93134	18.046	ug/l	99
95) Naphthalene	13.83	128	610234	18.438	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	194325	18.369	ug/l	99

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



#1

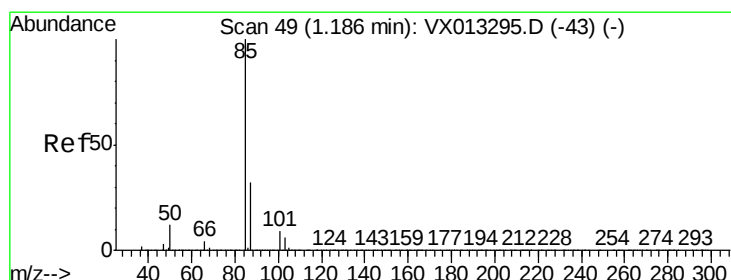
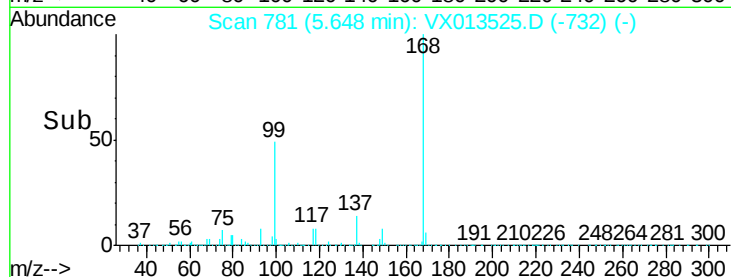
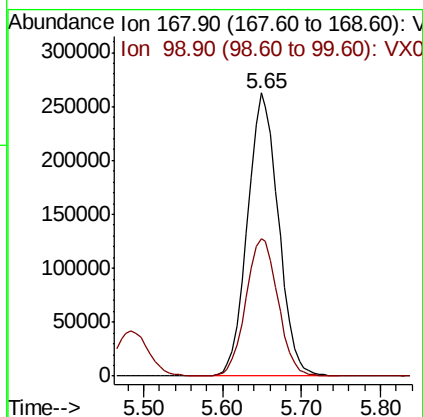
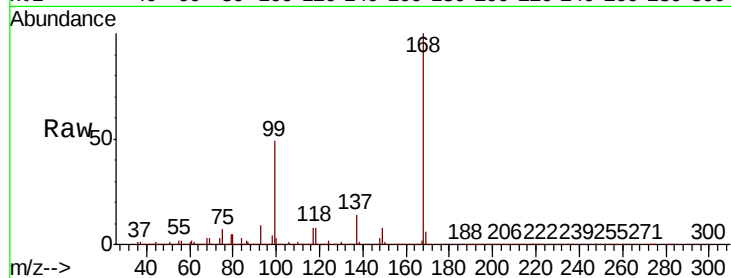
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.4	40.8	61.2

Manual Integrations
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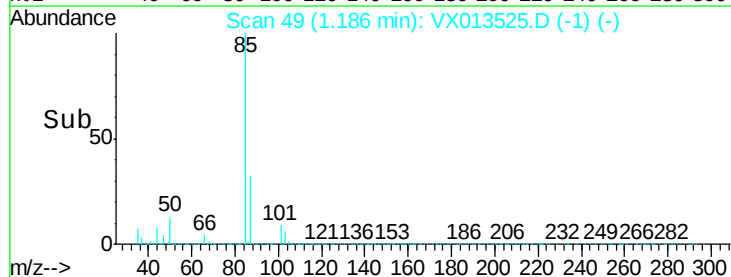
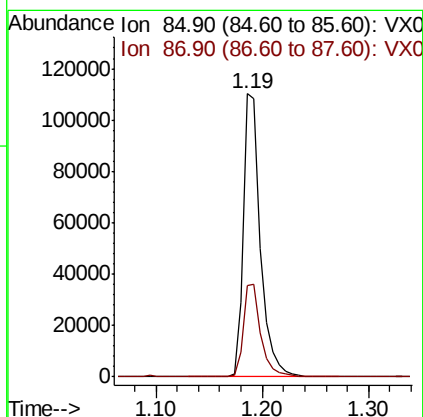
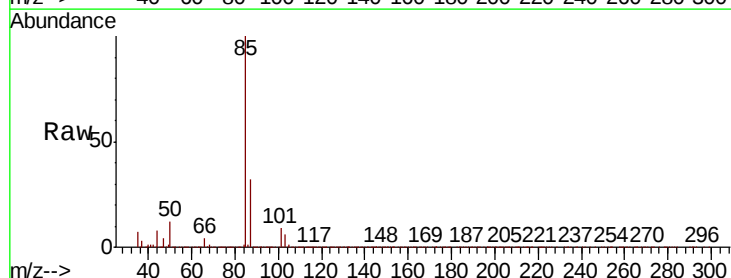
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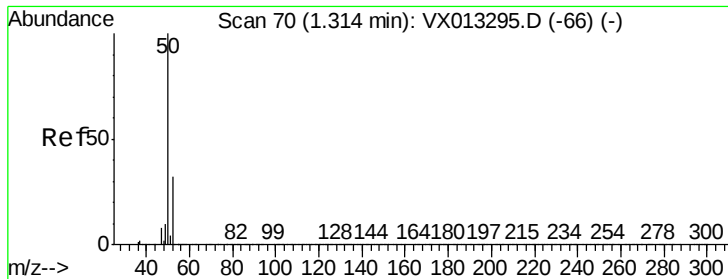


#2

Dichlorodifluoromethane
Concen: 15.168 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.9	47.6





#3

Chloromethane

Concen: 15.426 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

Tot Ion: 50 Resp: 137958

Ion Ratio Lower Upper

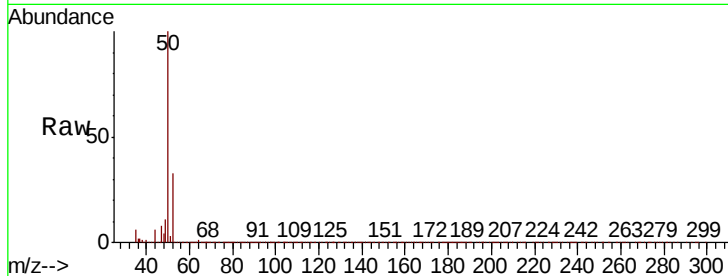
50 100

52 33.2 25.5 38.3

Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

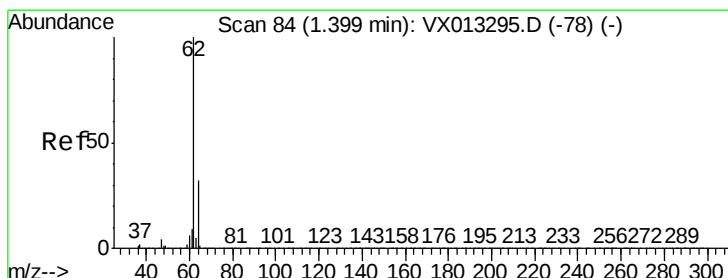
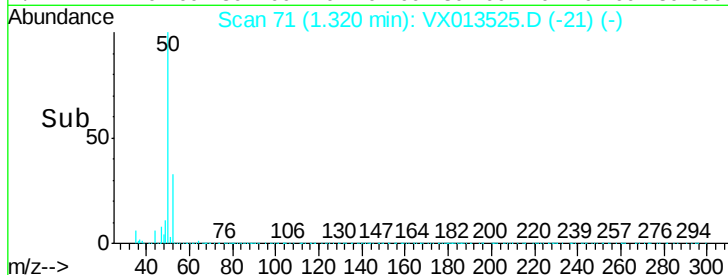
150000

100000

50000

0

Time--> 1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 16.385 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013525.D

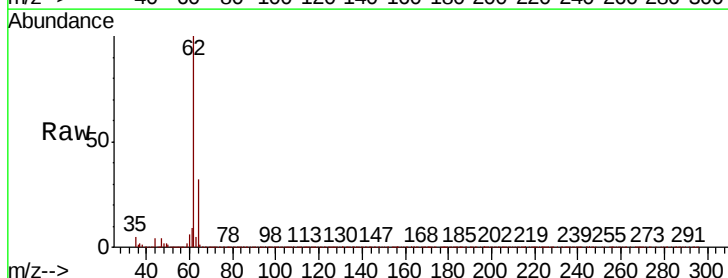
Acq: 22 Nov 2019 12:06

Tgt Ion: 62 Resp: 166820

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

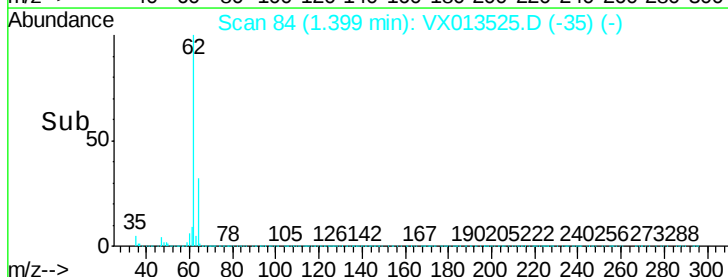
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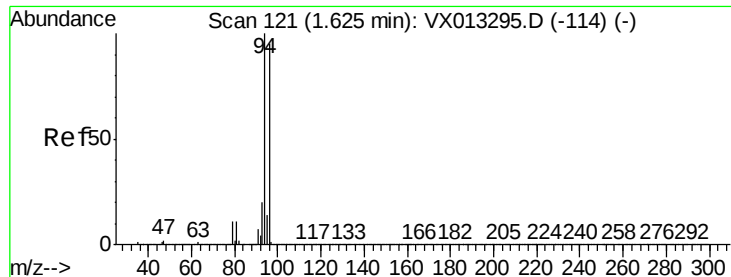
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 13.811 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

Tot Ion: 94 Resp: 97986

Ion Ratio Lower Upper

94 100

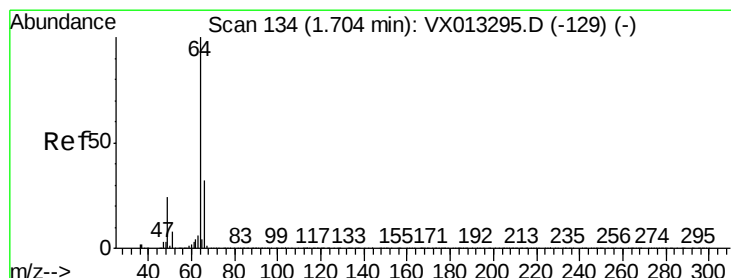
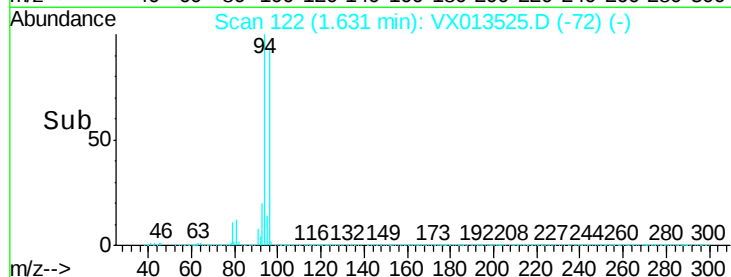
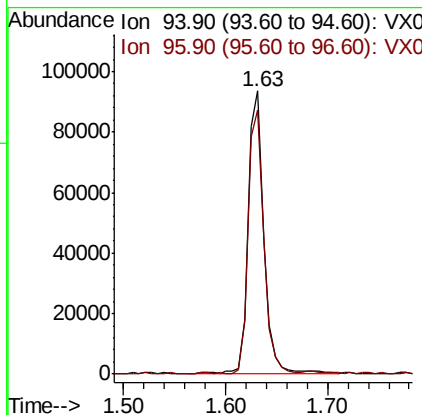
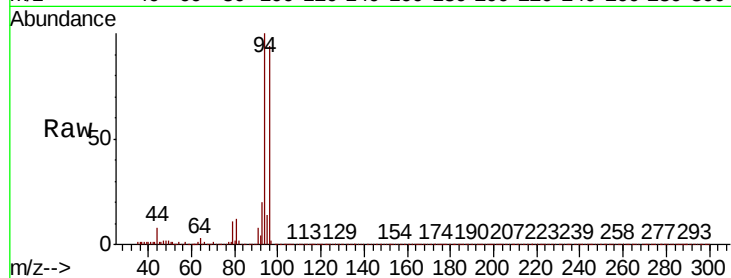
96 93.5 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 15.592 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013525.D

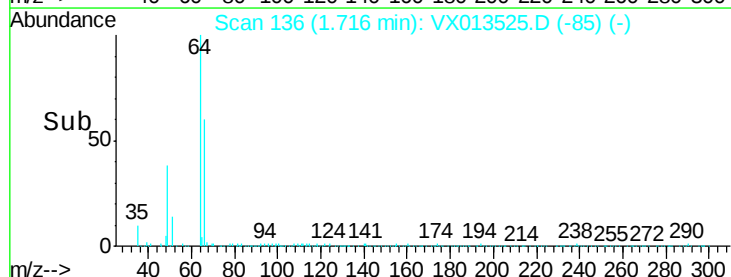
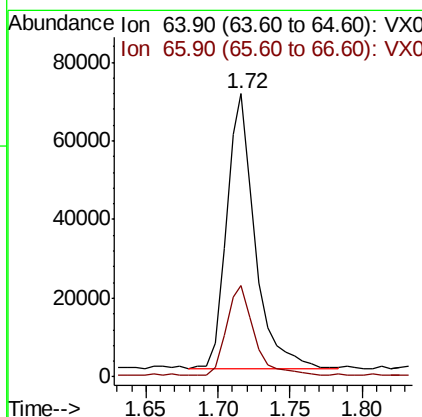
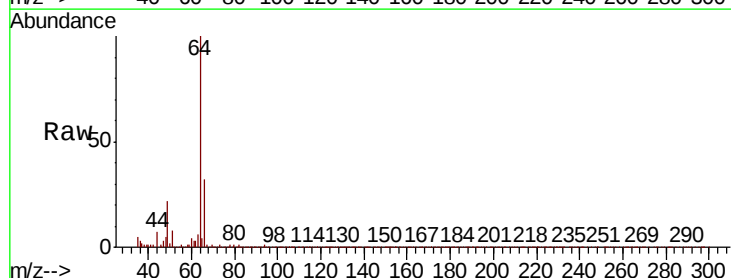
Acq: 22 Nov 2019 12:06

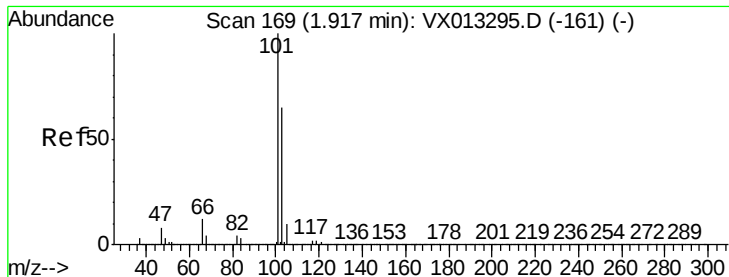
Tgt Ion: 64 Resp: 95514

Ion Ratio Lower Upper

64 100

66 32.8 25.6 38.4





#7

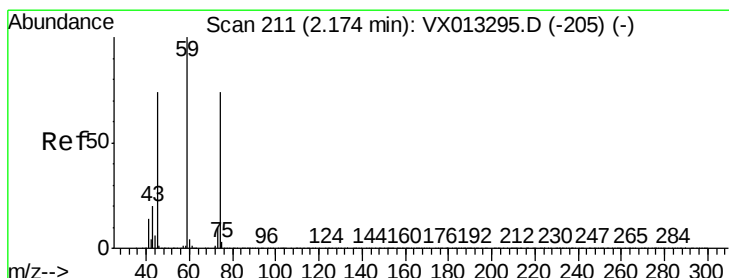
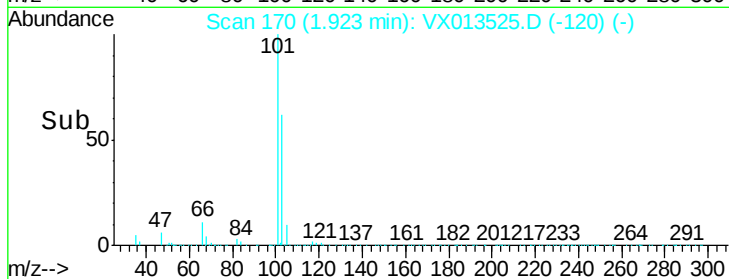
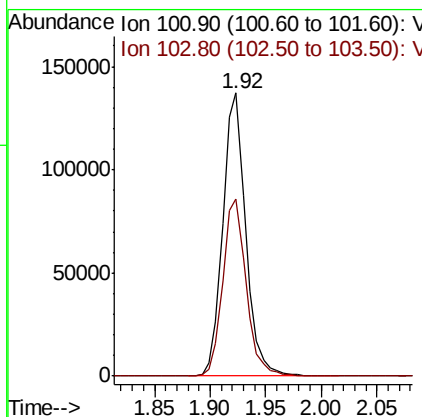
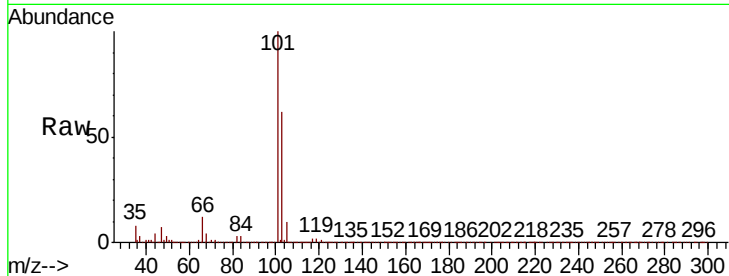
Trichlorofluoromethane
Concen: 16.212 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
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ClientSampleId :
VX1122WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	195007		
103	62.3	52.3	78.5	

Manual Integrations
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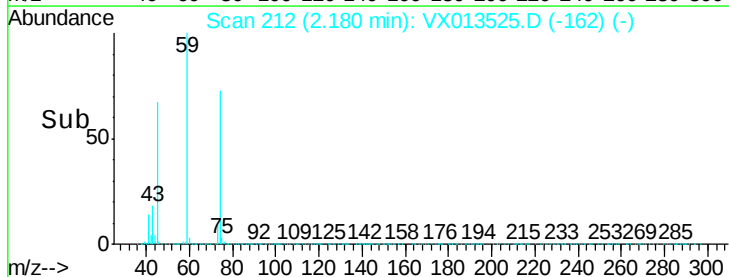
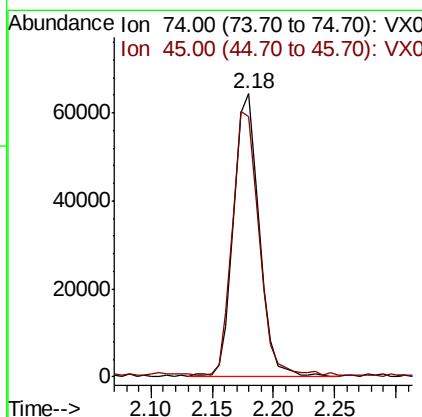
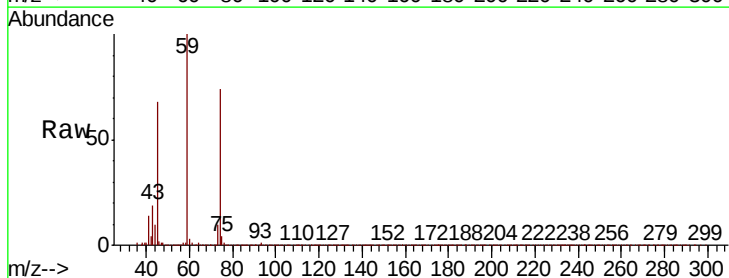
MMDadoda
11/25/2019 10:40:31 AM

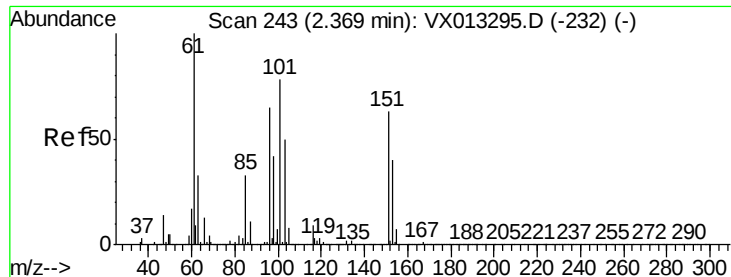


#8

Diethyl Ether
Concen: 17.353 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	92301		
45	96.8	48.5	145.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.433 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

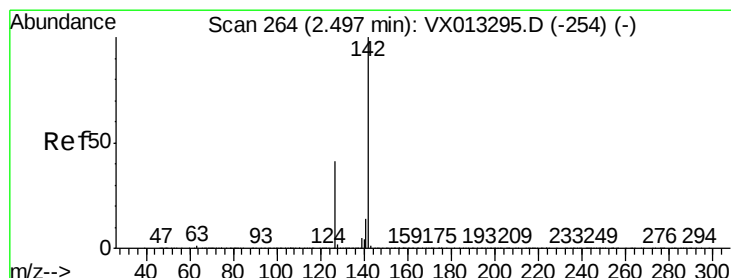
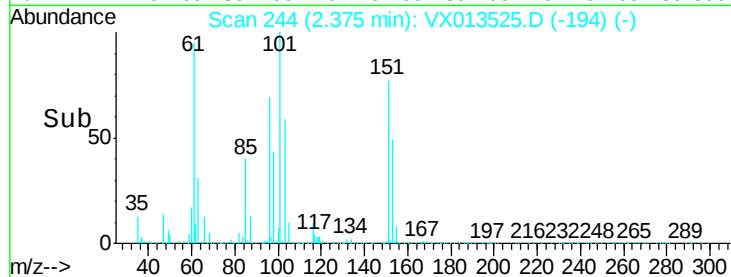
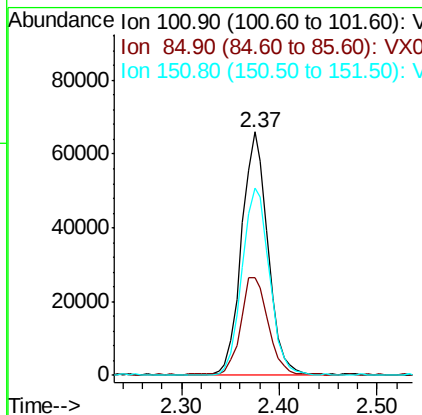
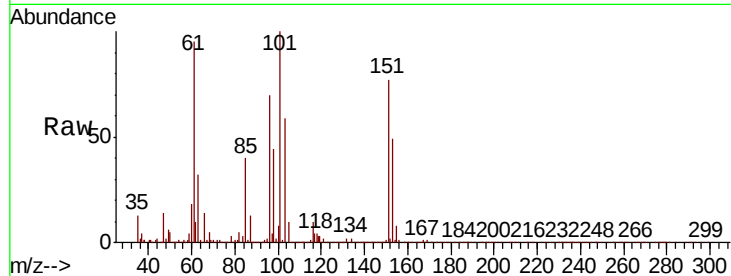
ClientSampleId :

VX1122WBS02

Tot Ion:	101	Resp:	123583
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.4	51.6
151	79.7	66.4	99.6

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#10

Methyl Iodide

Concen: 14.708 ug/l

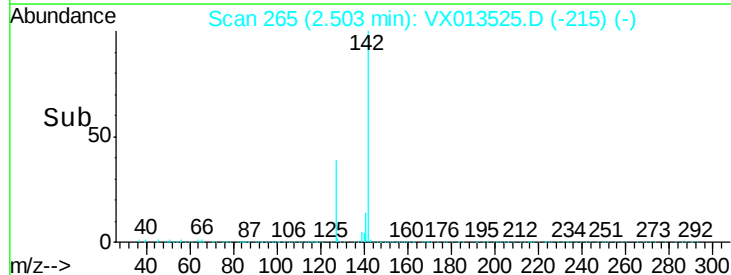
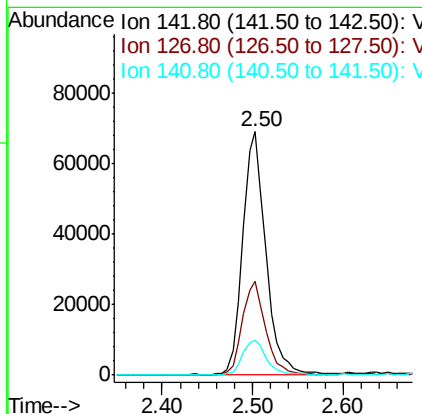
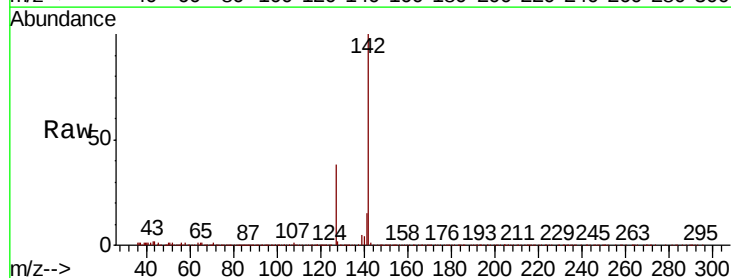
RT: 2.50 min Scan# 265

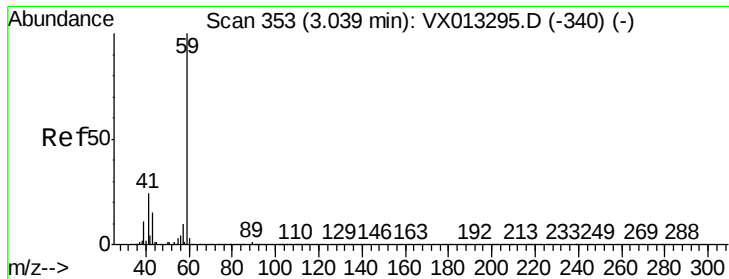
Delta R.T. 0.01 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Tgt Ion:	142	Resp:	122079
Ion Ratio	Lower	Upper	
142	100		
127	38.0	32.6	49.0
141	15.2	11.6	17.4





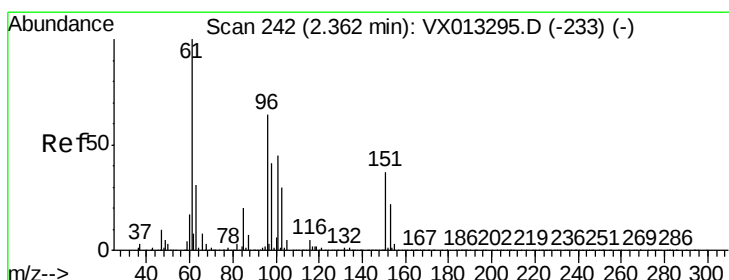
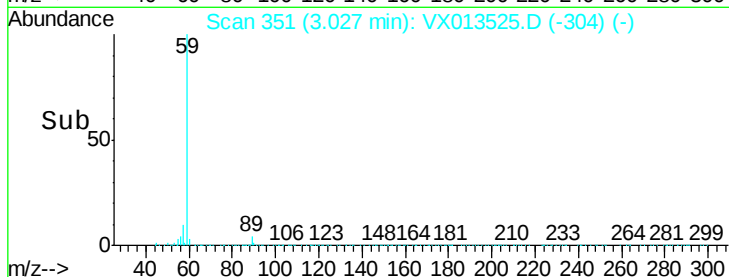
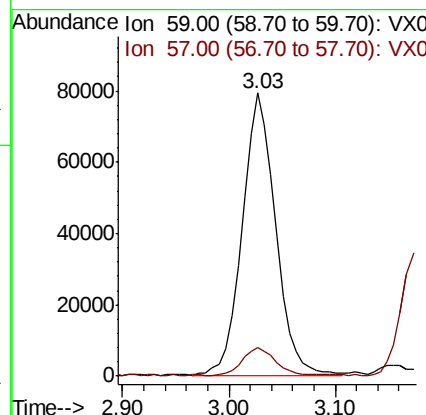
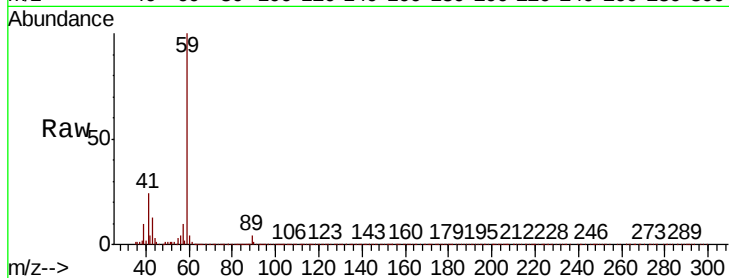
#11
Tert butyl alcohol
Concen: 77.606 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.0	12.0

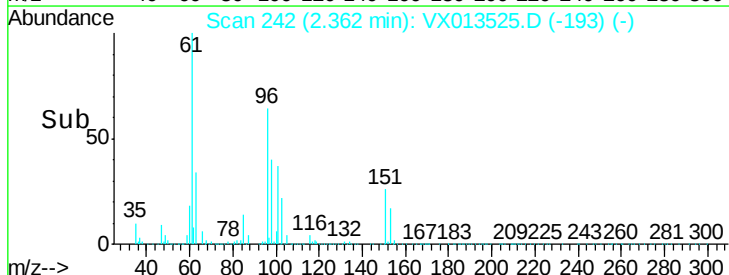
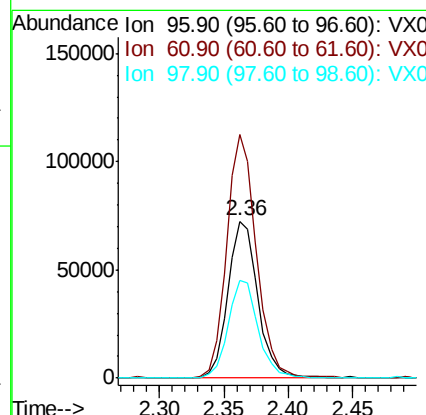
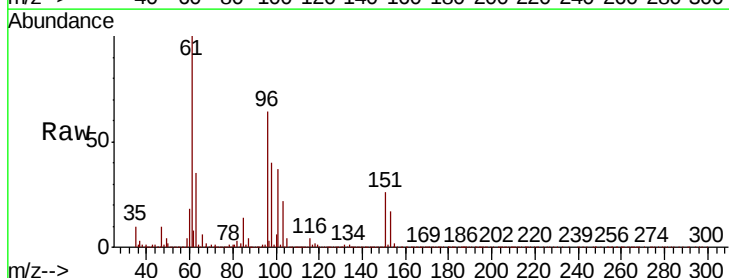
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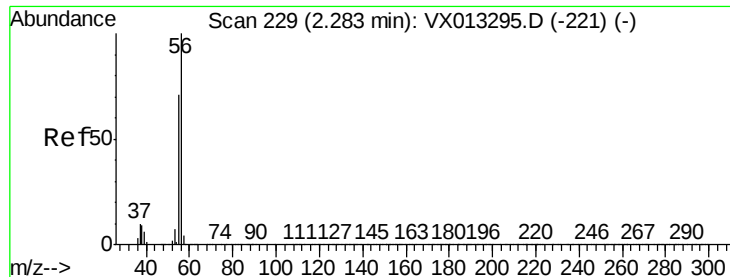
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.810 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.1	125.0	187.6
98	61.8	50.7	76.1





#13

Acrolein

Concen: 67.099 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

Tot Ion: 56 Resp: 81273

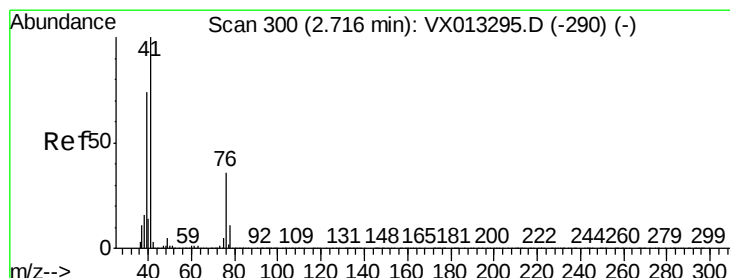
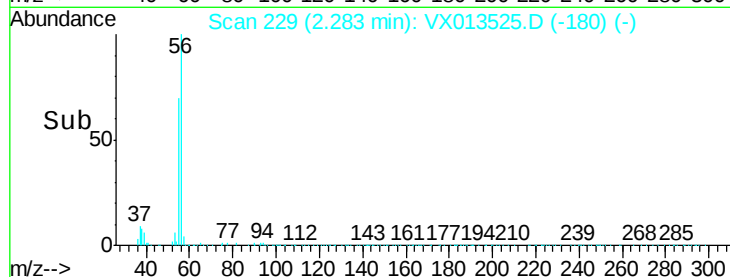
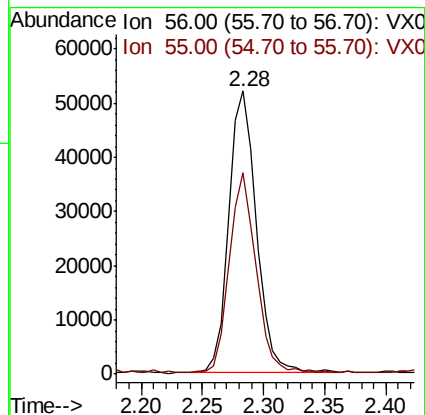
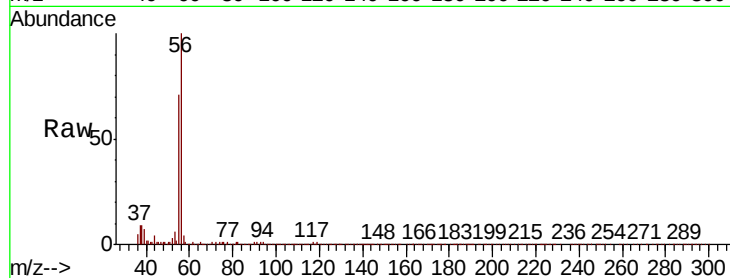
Ion Ratio Lower Upper

56 100

55 68.6 57.4 86.0

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#14

Allyl chloride

Concen: 17.790 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

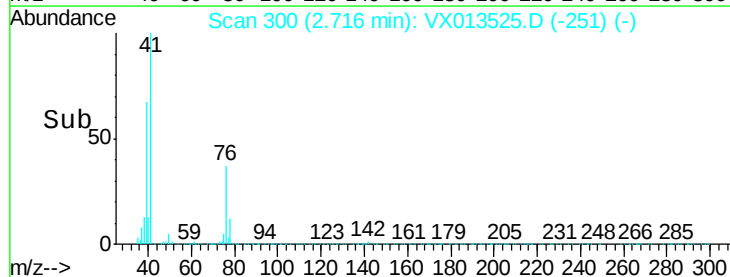
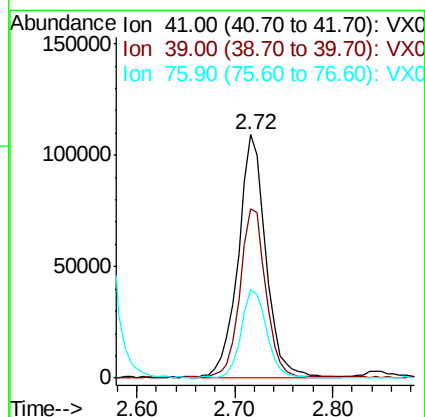
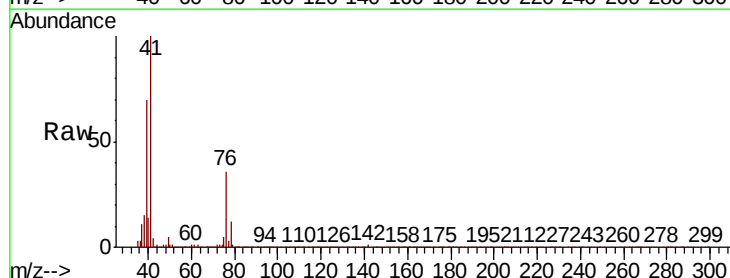
Tgt Ion: 41 Resp: 212209

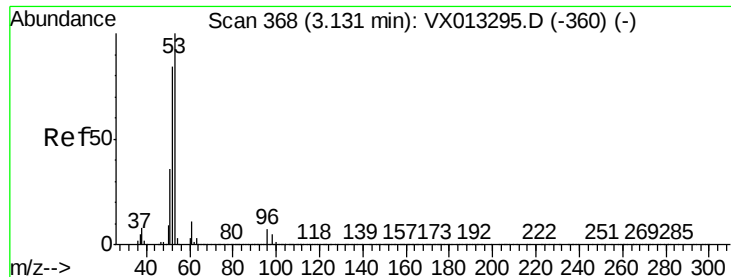
Ion Ratio Lower Upper

41 100

39 65.1 55.8 83.8

76 33.5 26.4 39.6





#15

Acrylonitrile

Concen: 96.277 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

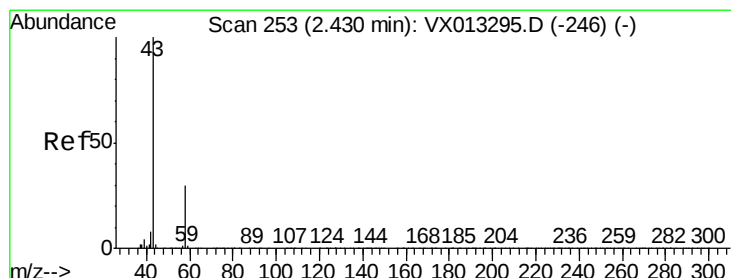
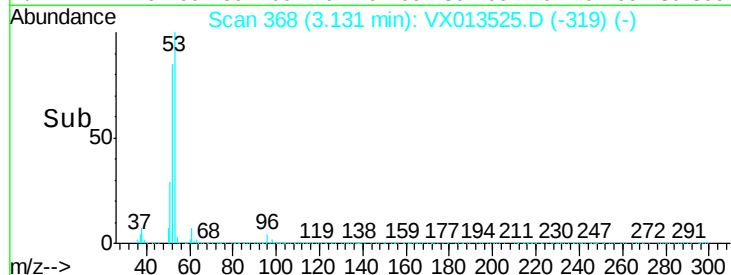
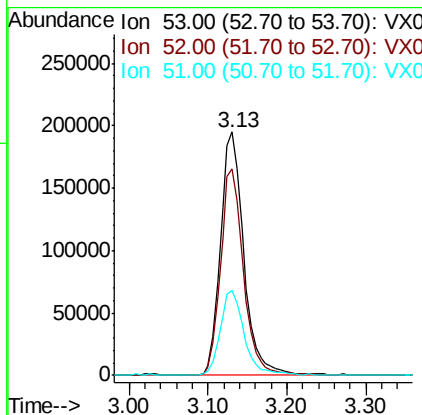
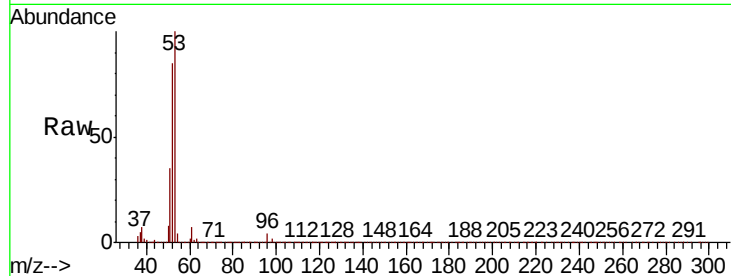
ClientSampleId :

VX1122WBS02

Tot Ion:	53	Resp:	401927
Ion Ratio		Lower	Upper
53	100		
52	83.1	67.4	101.0
51	36.1	29.4	44.2

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#16

Acetone

Concen: 101.351 ug/l

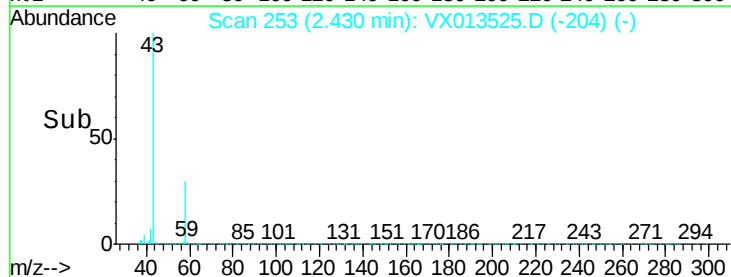
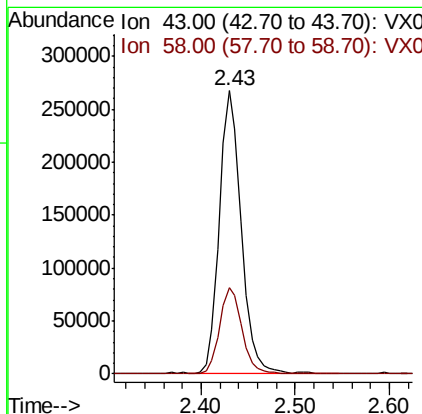
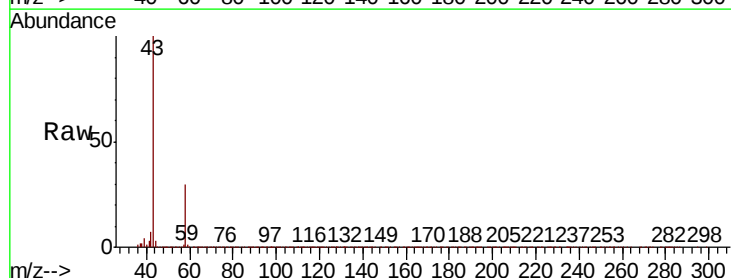
RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Tgt Ion:	43	Resp:	428651
Ion Ratio		Lower	Upper
43	100		
58	30.3	24.3	36.5





#17

Carbon Disulfide

Concen: 15.219 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

Tot Ion: 76 Resp: 267427

Ion Ratio Lower Upper

76 100

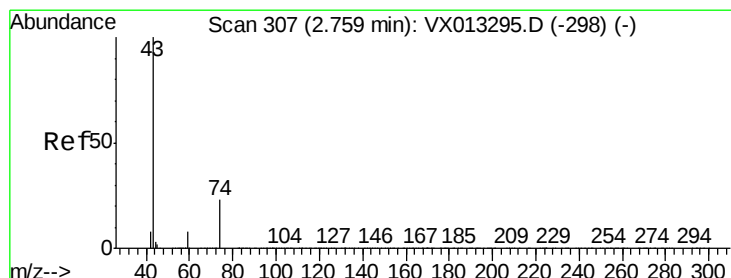
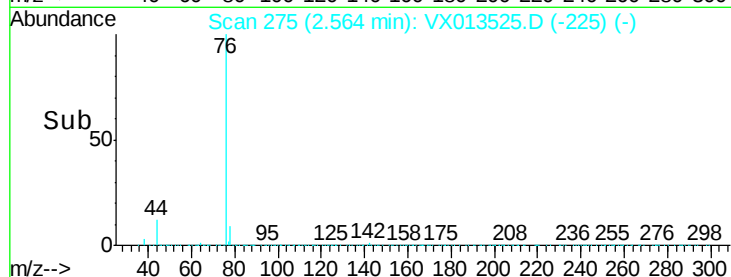
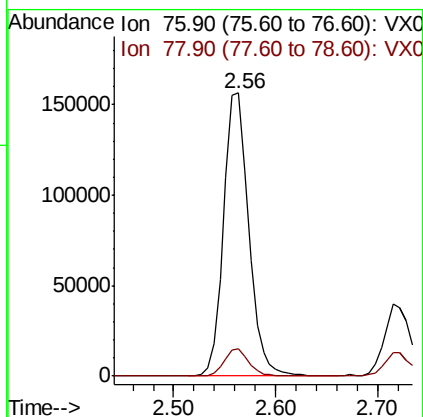
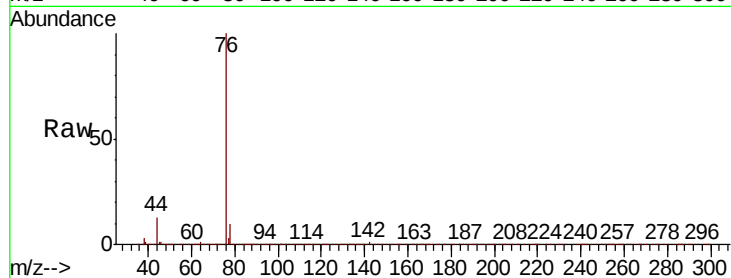
78 9.4 7.0 10.6

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#18

Methyl Acetate

Concen: 19.832 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013525.D

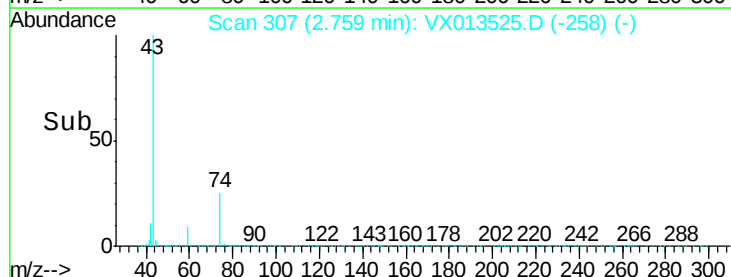
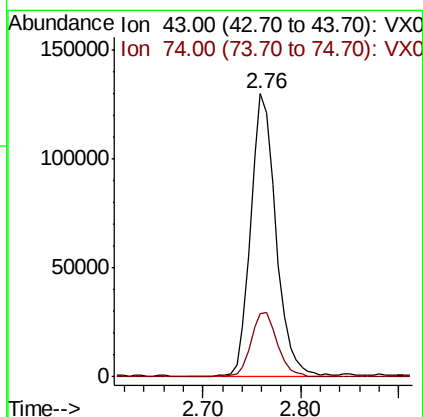
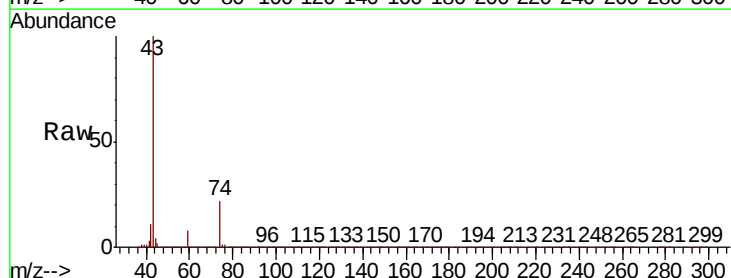
Acq: 22 Nov 2019 12:06

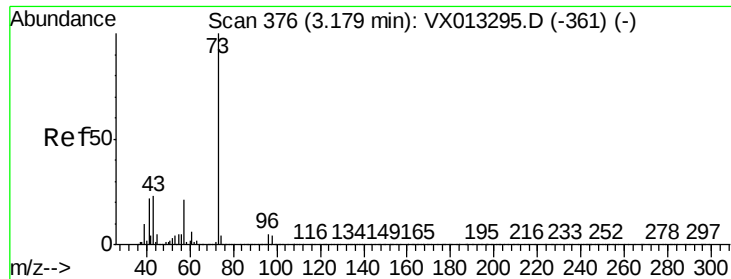
Tgt Ion: 43 Resp: 231559

Ion Ratio Lower Upper

43 100

74 23.9 19.0 28.6





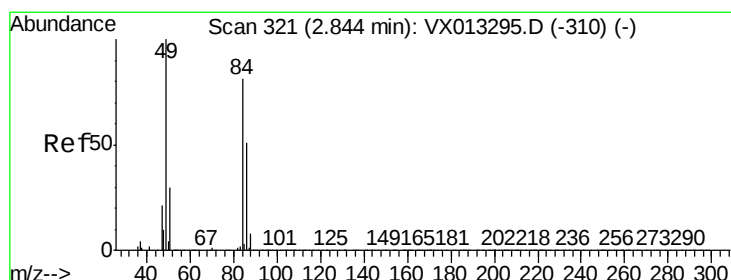
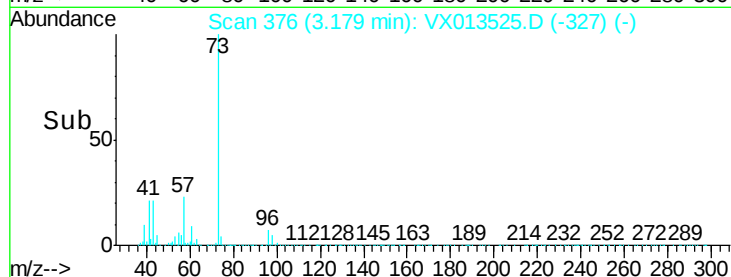
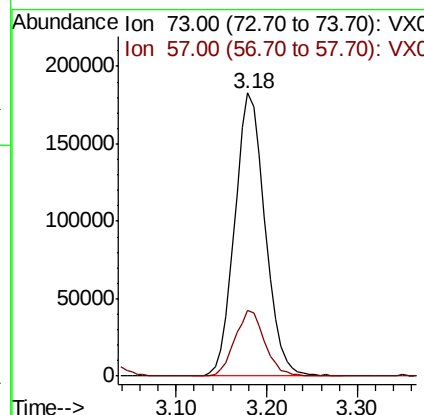
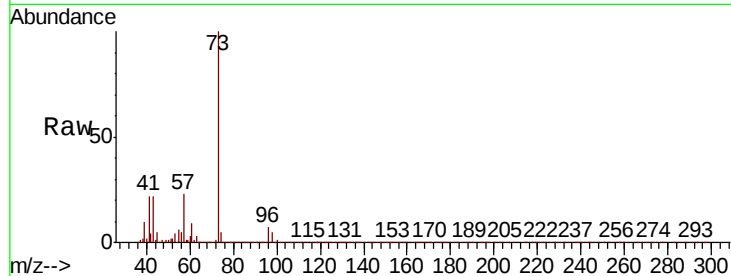
#19
Methvl tert-butvl Ether
Concen: 19.266 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.1	25.7

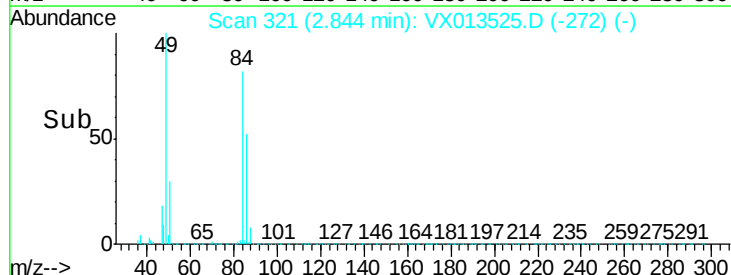
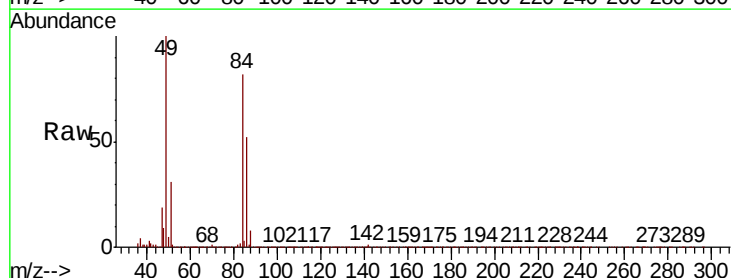
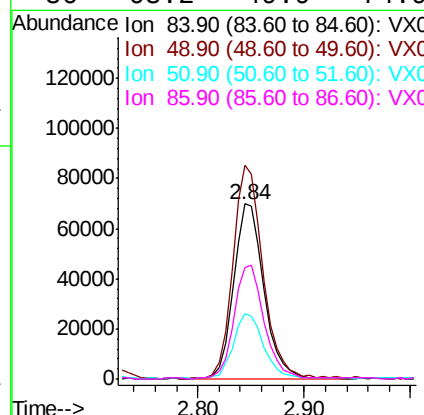
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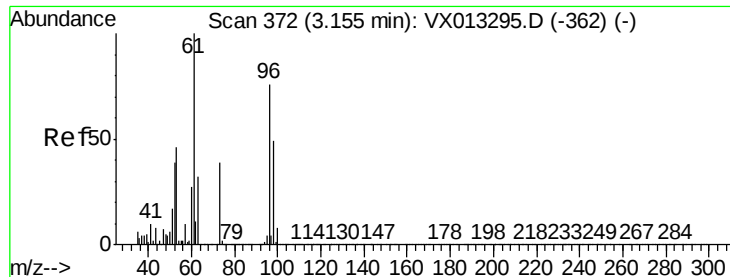
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#20
Methylene Chloride
Concen: 17.922 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.3	98.2	147.4
51	37.0	29.9	44.9
86	63.2	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 17.725 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

Tot Ion: 96 Resp: 126703

Ion Ratio Lower Upper

96 100

61 139.4 105.8 158.6

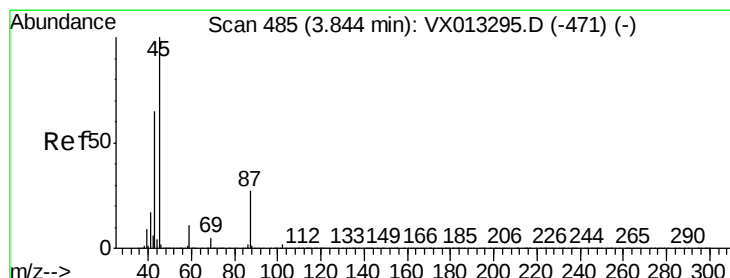
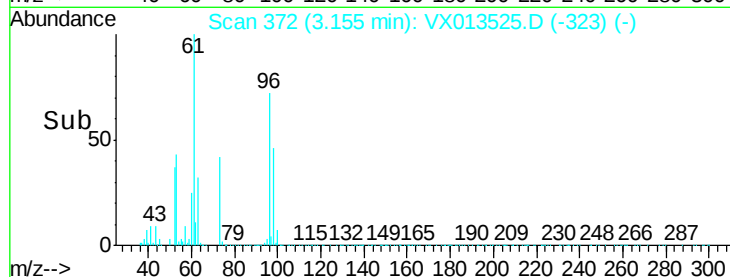
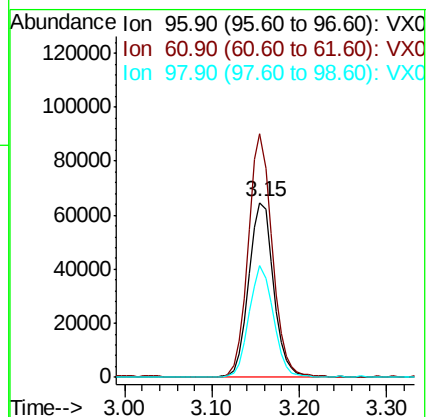
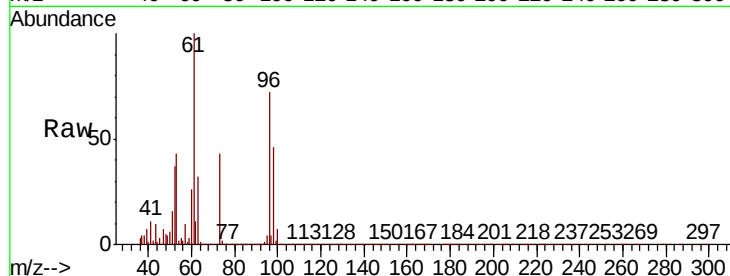
98 63.4 51.8 77.6

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#22

Diisopropyl ether

Concen: 19.740 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Tgt Ion: 45 Resp: 454615

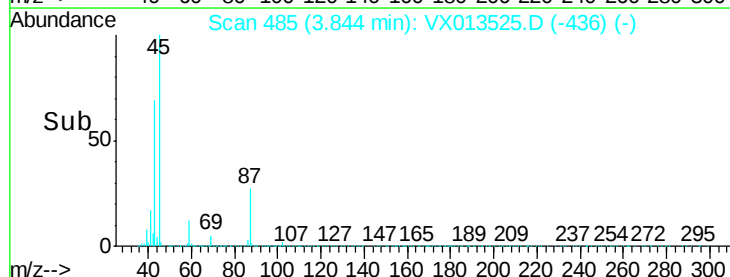
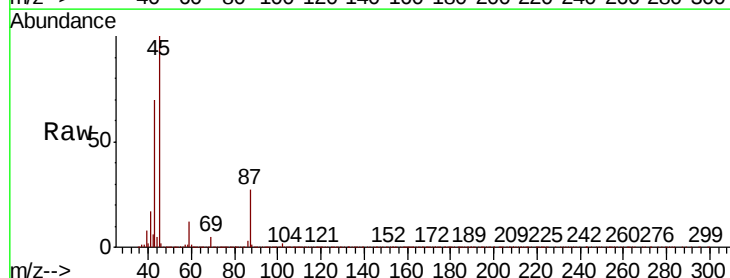
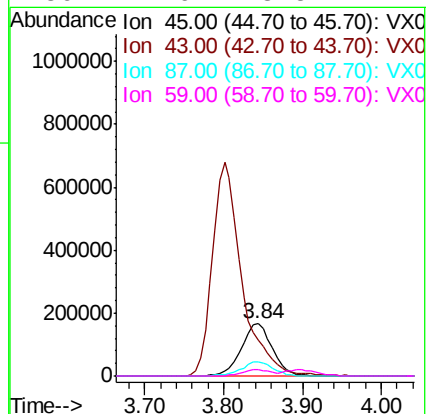
Ion Ratio Lower Upper

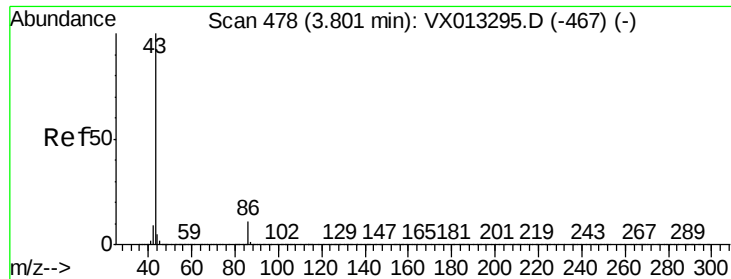
45 100

43 68.5 54.2 81.2

87 27.3 21.8 32.8

59 11.6 8.5 12.7





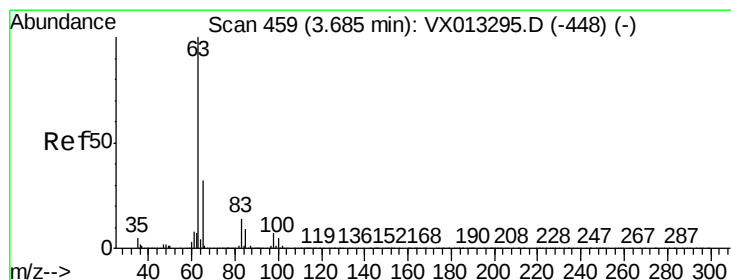
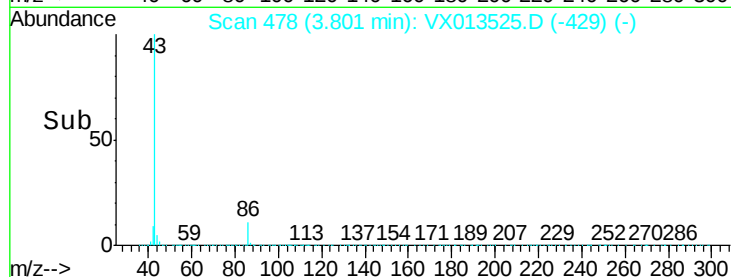
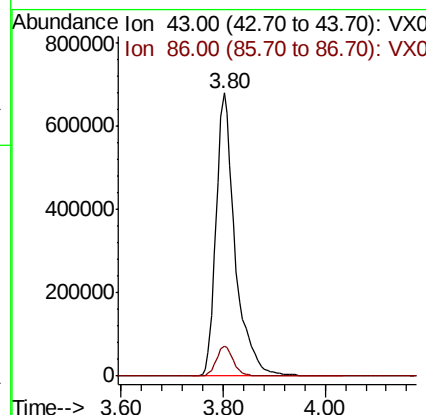
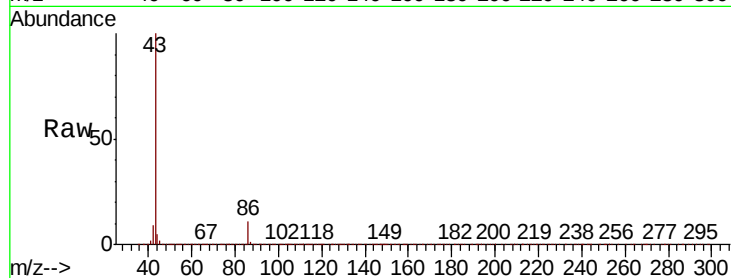
#23
 Vinyl Acetate
 Concen: 89.911 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS02

Tot Ion: 43 Resp: 1771848
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0

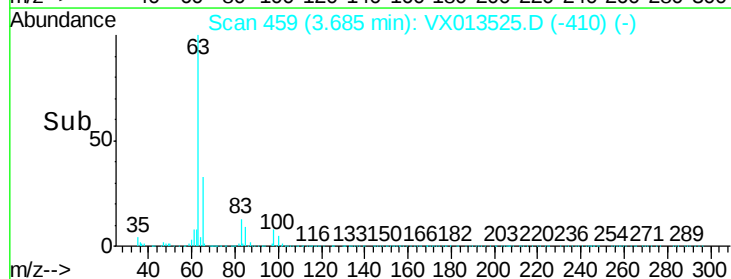
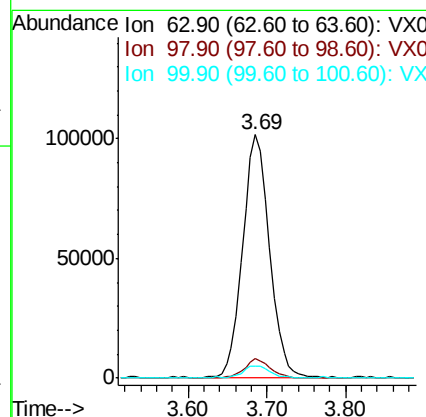
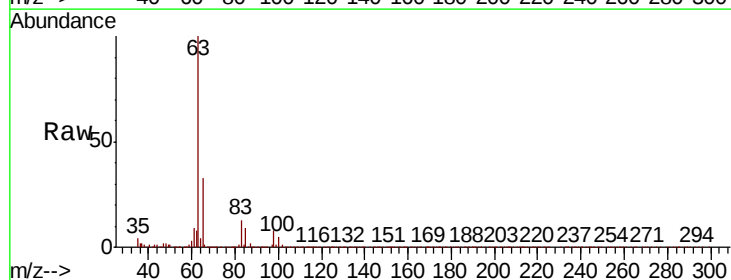
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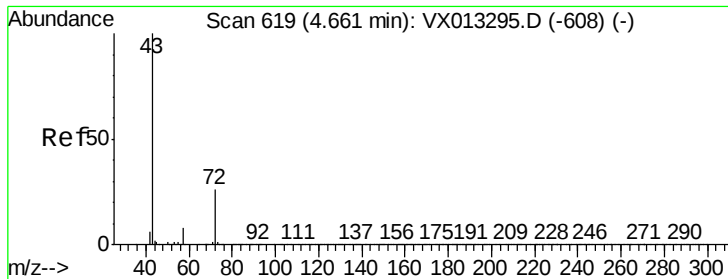
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#24
 1,1-Dichloroethane
 Concen: 18.632 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Tgt Ion: 63 Resp: 240040
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 96.899 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

Tot Ion: 43 Resp: 601213

Ion Ratio Lower Upper

43 100

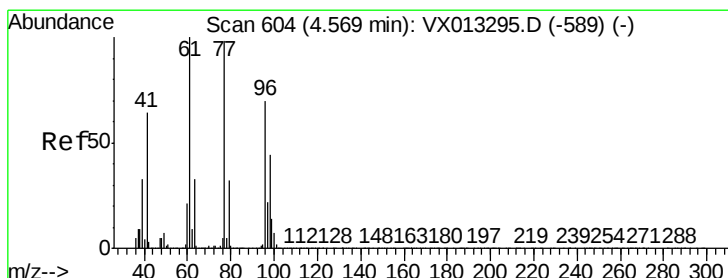
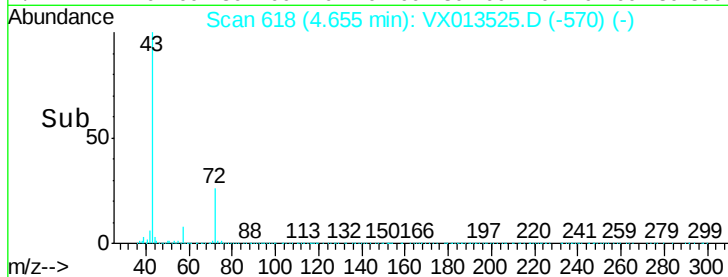
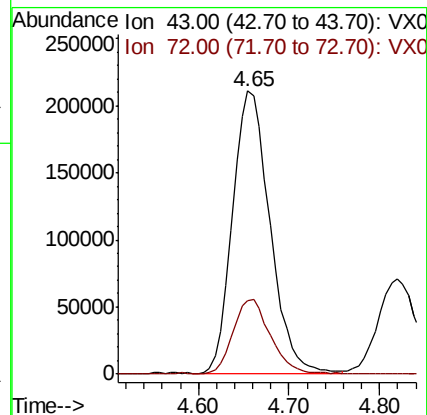
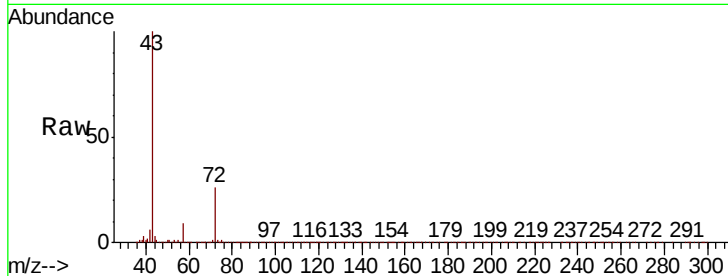
72 25.8 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.788 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013525.D

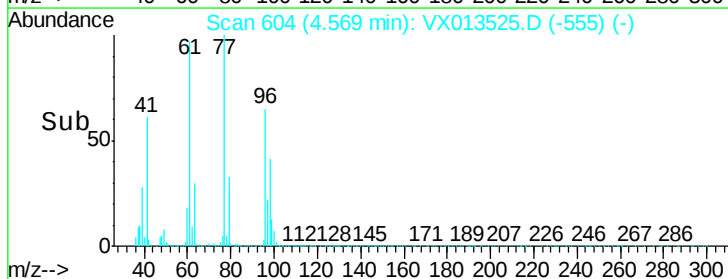
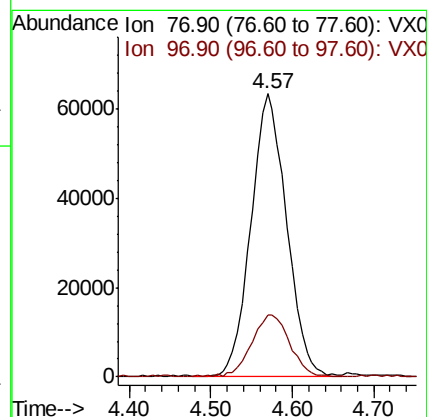
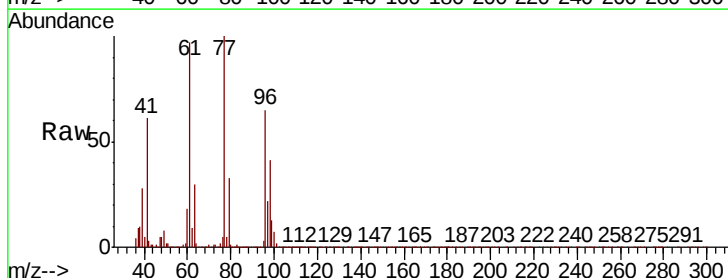
Acq: 22 Nov 2019 12:06

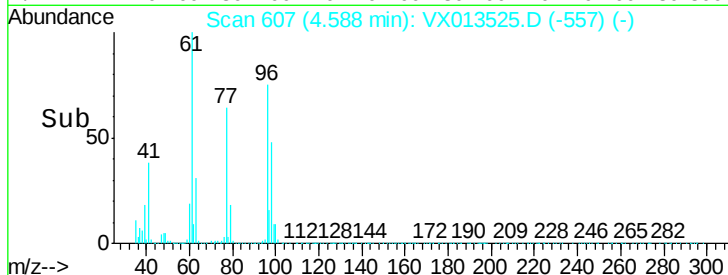
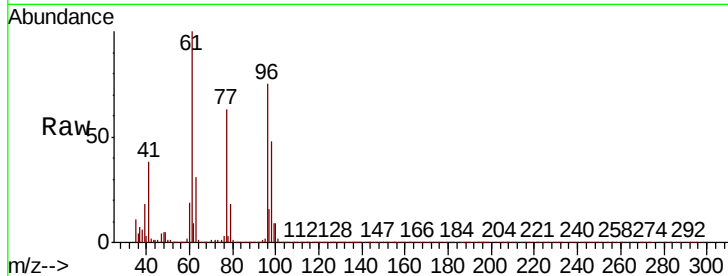
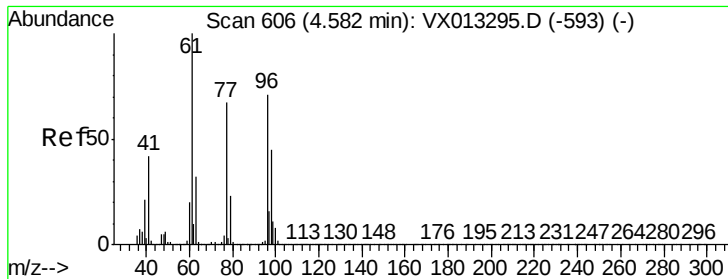
Tgt Ion: 77 Resp: 192552

Ion Ratio Lower Upper

77 100

97 23.8 11.3 33.8





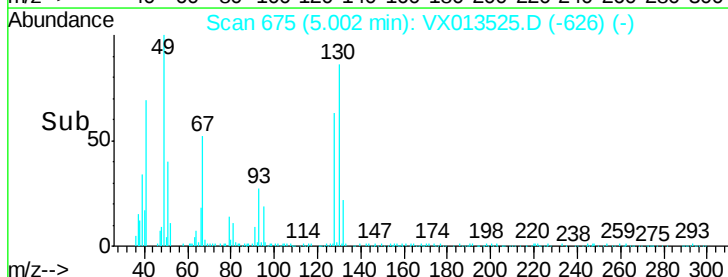
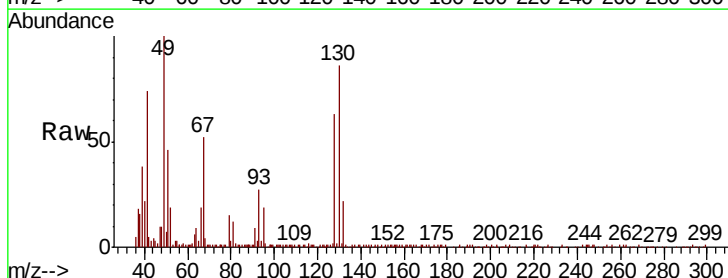
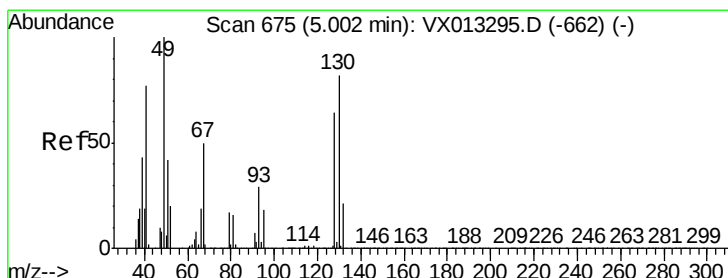
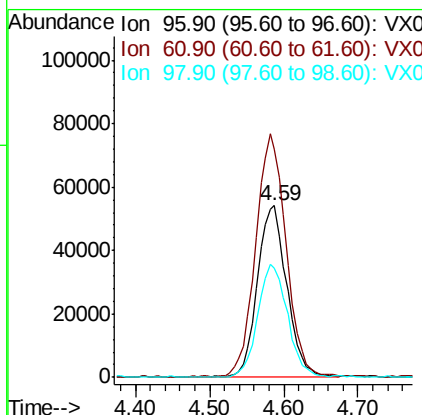
#27
 cis-1,2-Dichloroethene
 Concen: 18.757 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Tot Ion:	96	Resp:	150198
Ion Ratio	Lower	Upper	
96	100		
61	144.8	0.0	288.0
98	65.9	0.0	129.6

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS02

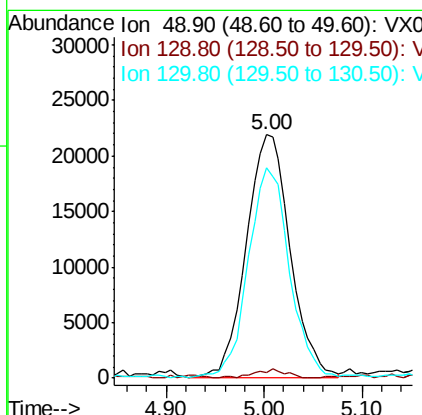
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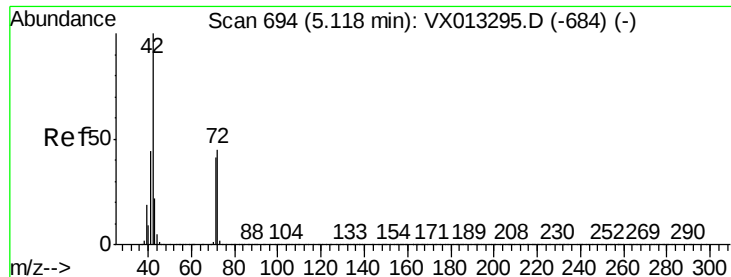
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#28
 Bromochloromethane
 Concen: 18.865 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Tgt Ion:	49	Resp:	69007
Ion Ratio	Lower	Upper	
49	100		
129	2.7	0.0	5.2
130	81.5	63.8	95.6





#29

Tetrahydrofuran

Concen: 93.654 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

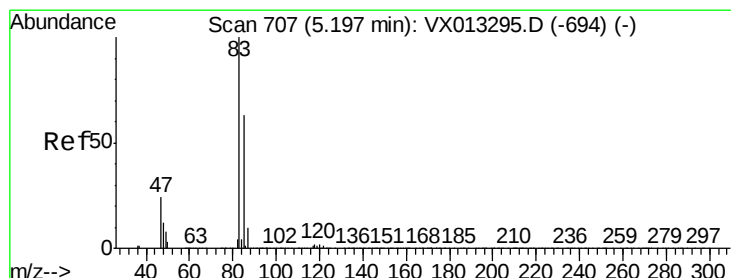
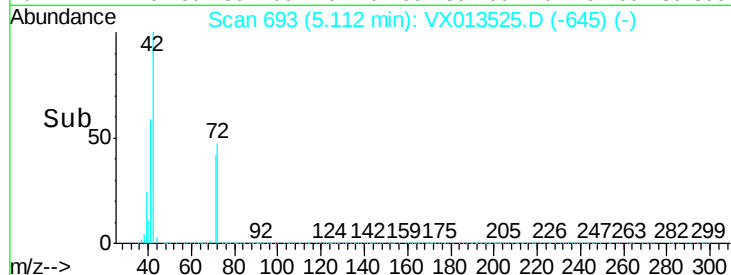
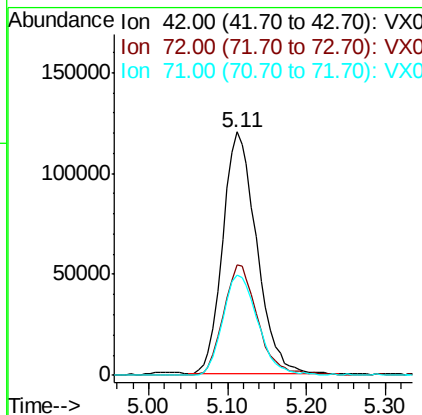
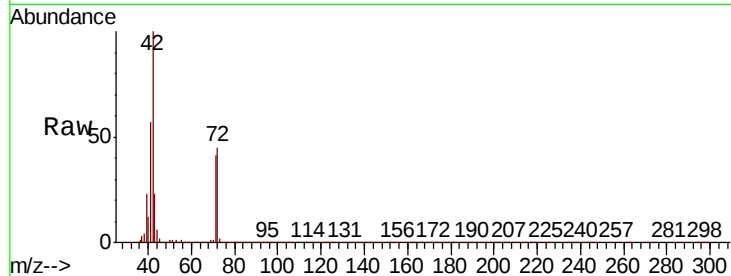
ClientSampleId :

VX1122WBS02

Tot Ion:	42	Resp:	358083
Ion Ratio		Lower	Upper
42	100		
72	45.9	35.8	53.8
71	42.2	33.4	50.0

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#30

Chloroform

Concen: 18.691 ug/l

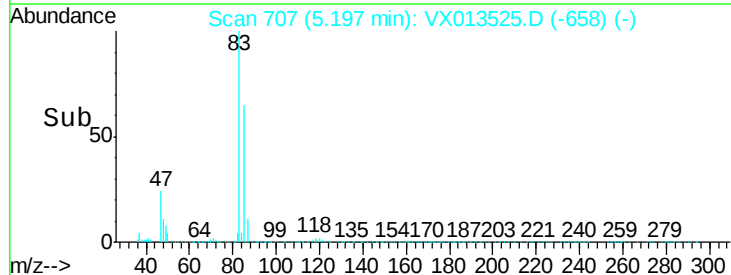
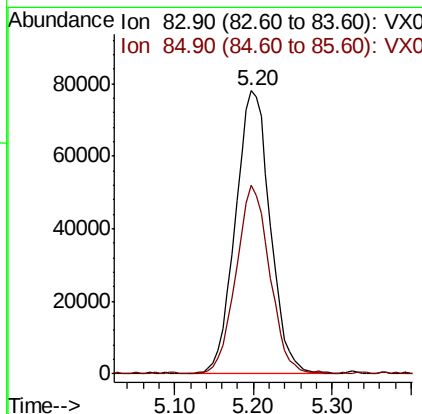
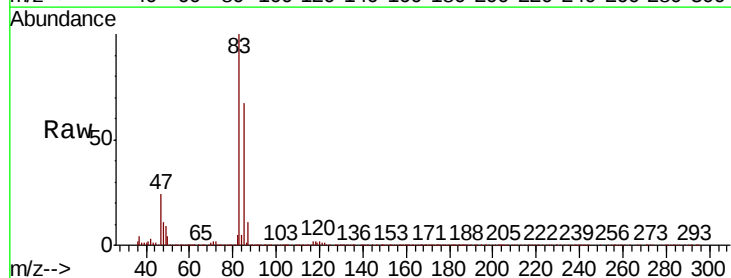
RT: 5.20 min Scan# 707

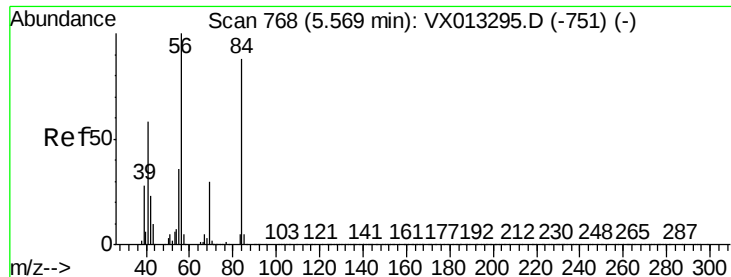
Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Tgt Ion:	83	Resp:	237771
Ion Ratio		Lower	Upper
83	100		
85	66.4	50.2	75.4





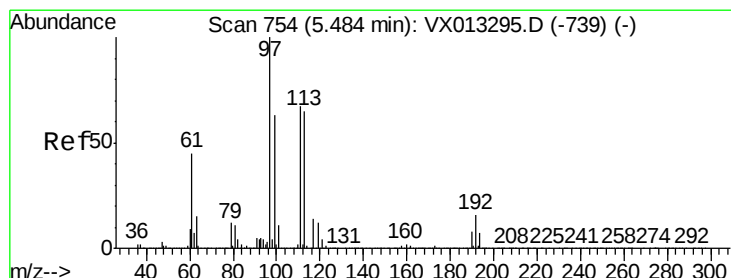
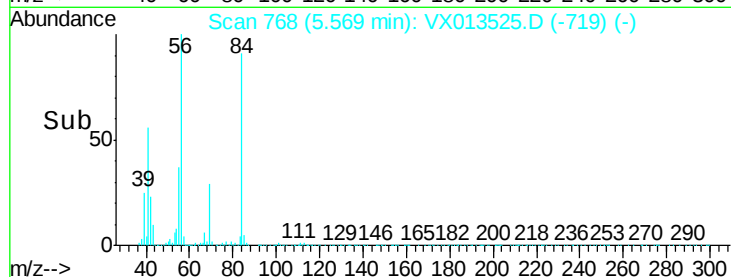
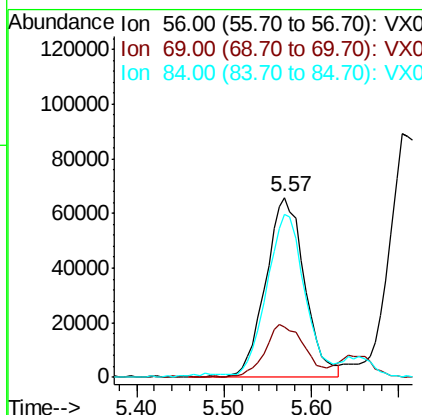
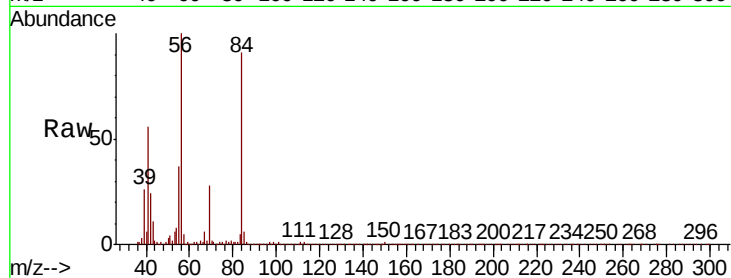
#31
Cyclohexane
Concen: 17.405 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.5	23.7	35.5
84	90.0	70.6	105.8

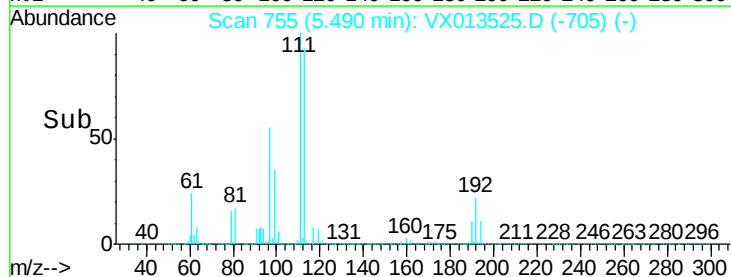
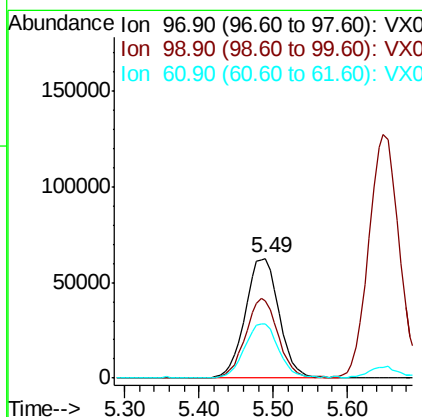
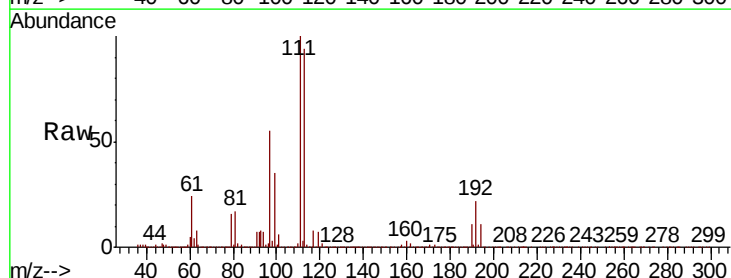
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#32
1,1,1-Trichloroethane
Concen: 18.092 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.1	76.7
61	45.2	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 45.420 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

Tot Ion: 65 Resp: 385131

Ion Ratio Lower Upper

65 100

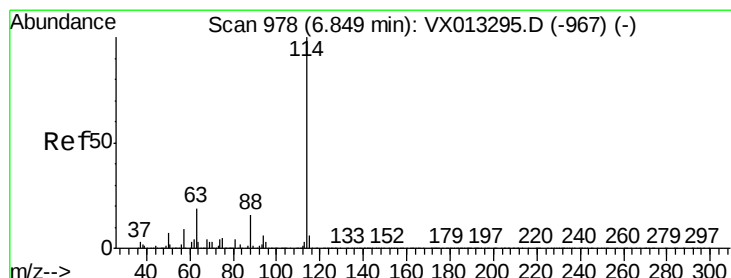
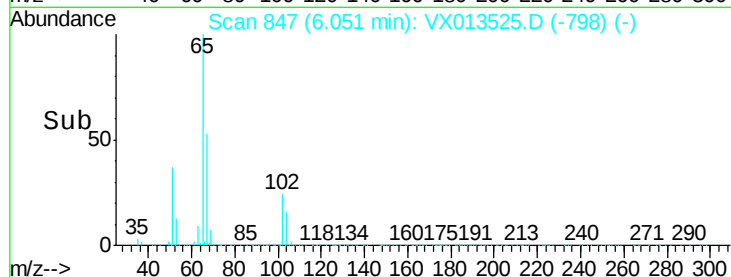
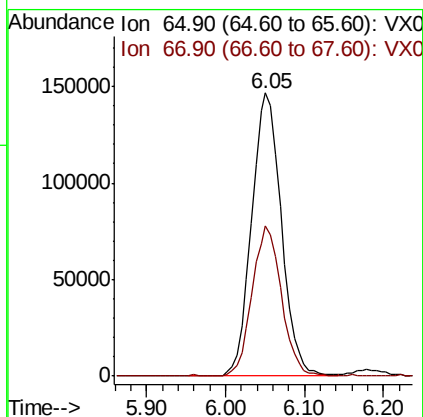
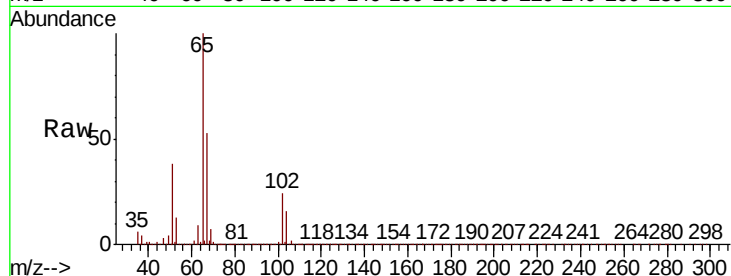
67 52.3 0.0 104.2

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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: VX013525.D

Acq: 22 Nov 2019 12:06

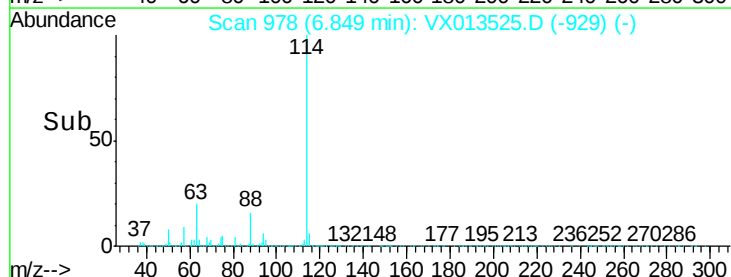
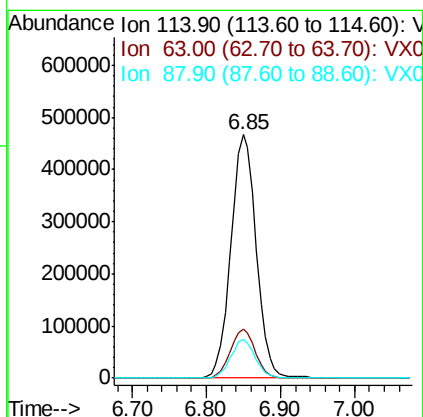
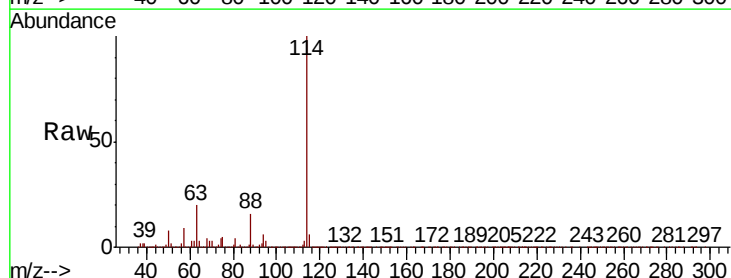
Tgt Ion: 114 Resp: 1111475

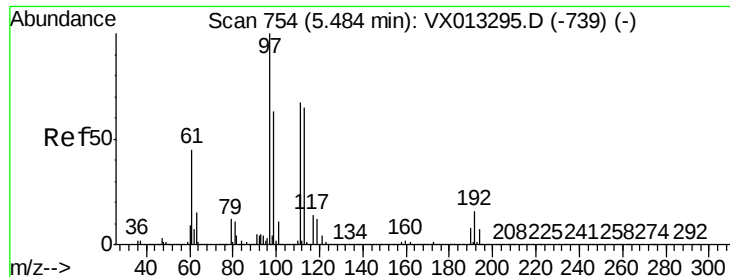
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

88 15.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 45.403 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

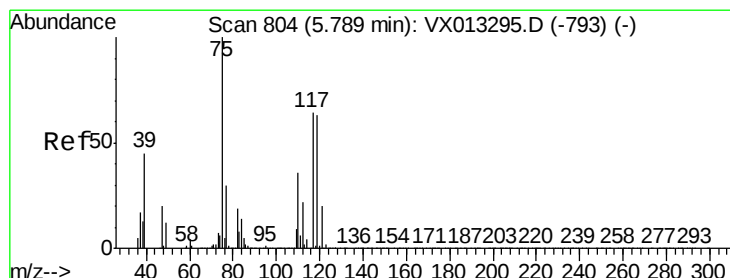
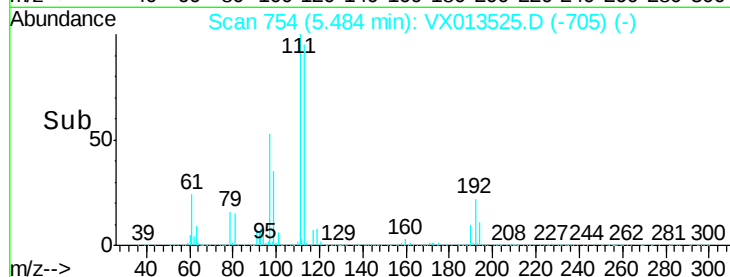
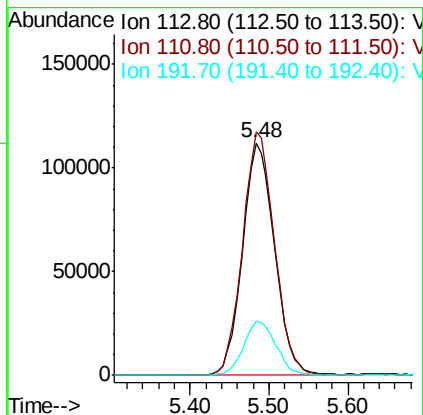
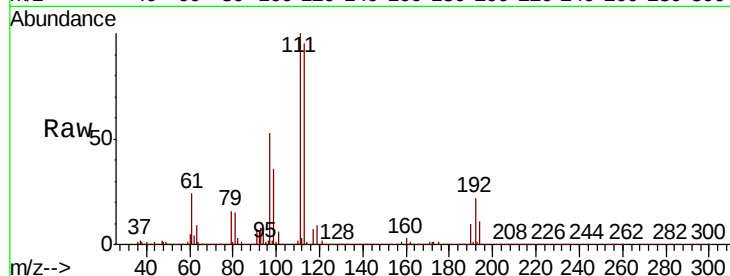
ClientSampleId :

VX1122WBS02

Tot Ion:	113	Resp:	316516
Ion Ratio	Lower	Upper	
113	100		
111	104.3	81.9	122.9
192	23.5	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 17.907 ug/l

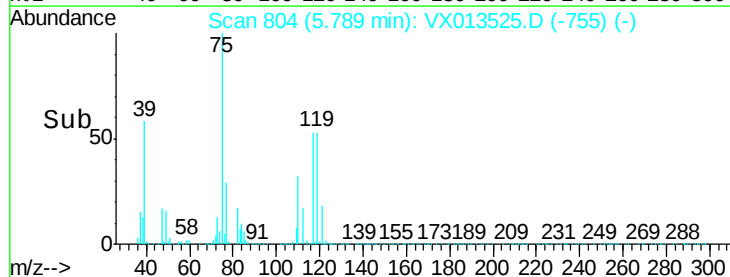
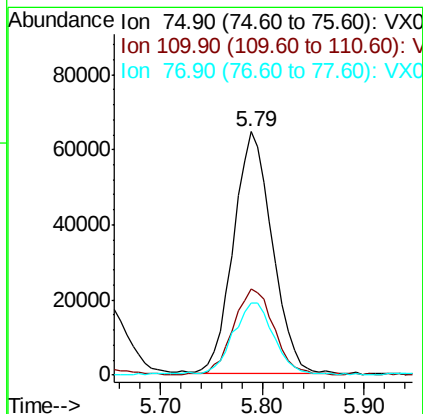
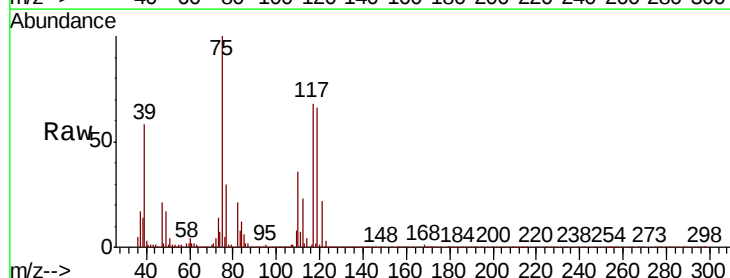
RT: 5.79 min Scan# 804

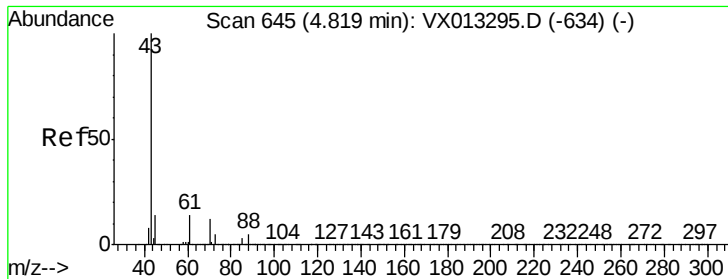
Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Tgt Ion:	75	Resp:	170747
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.1	54.1
77	31.3	25.0	37.4





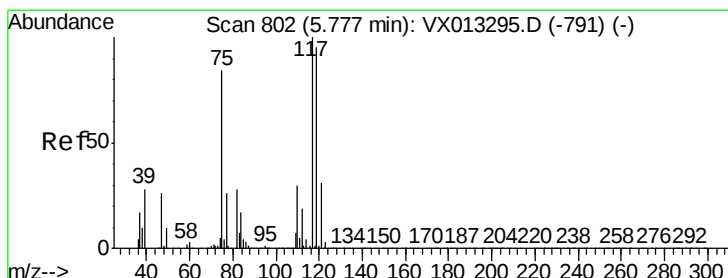
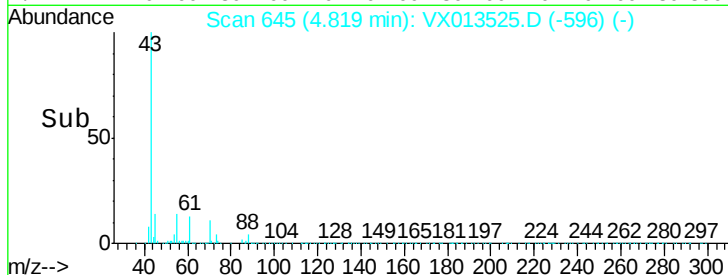
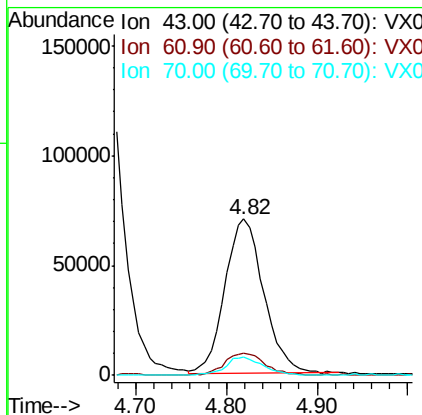
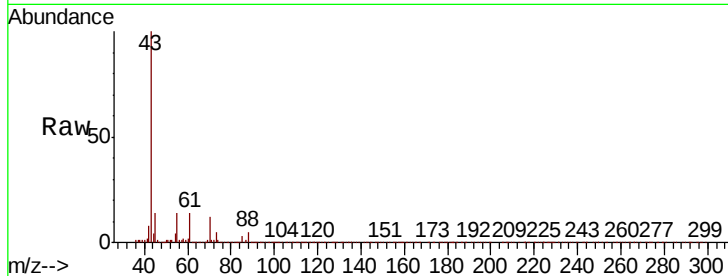
#37
Ethyl Acetate
Concen: 17.817 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion	43	Resp	209926
Ion Ratio	Lower	Upper	
43	100		
61	14.1	10.7	16.1
70	10.7	8.7	13.1

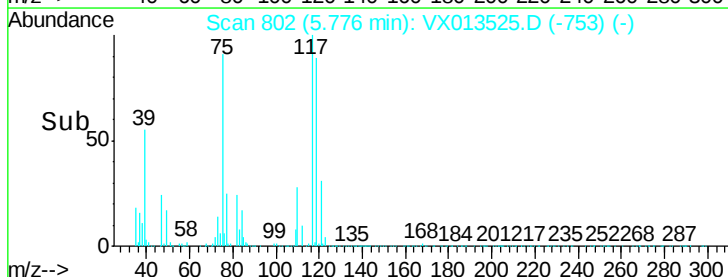
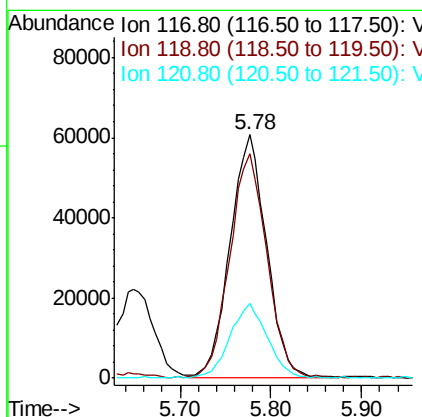
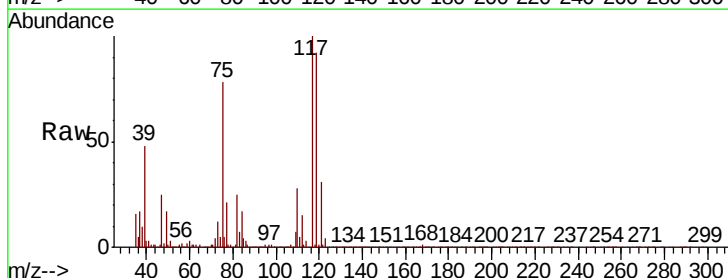
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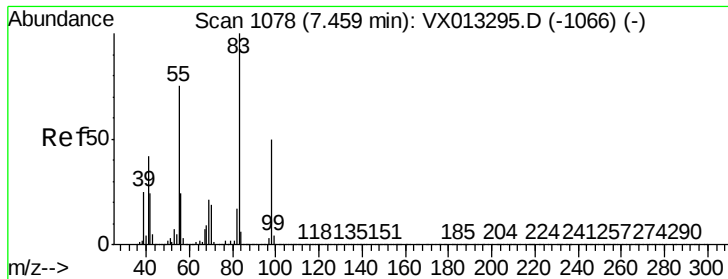
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#38
Carbon Tetrachloride
Concen: 18.011 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	117	Resp	167936
Ion Ratio	Lower	Upper	
117	100		
119	91.8	76.1	114.1
121	30.4	24.6	37.0





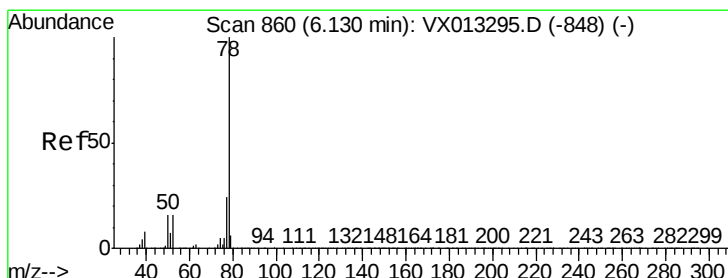
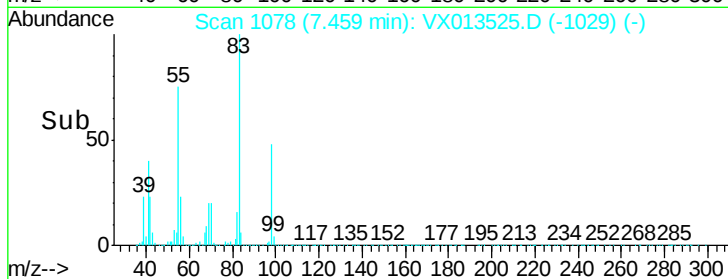
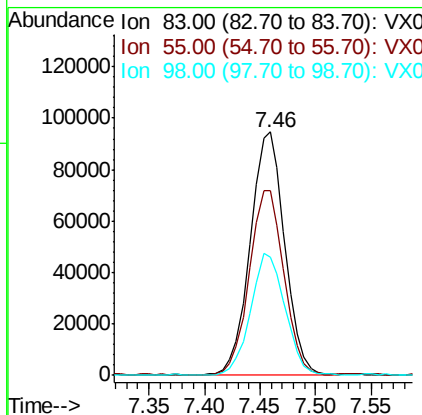
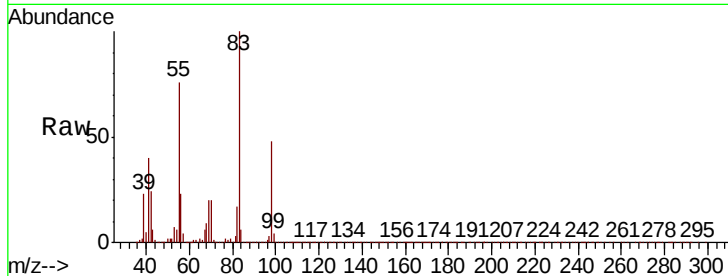
#39
Methvlcvclohexane
Concen: 17.153 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	60.3	90.5
98	48.2	40.3	60.5

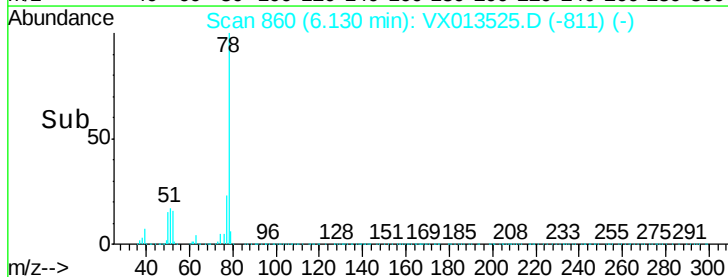
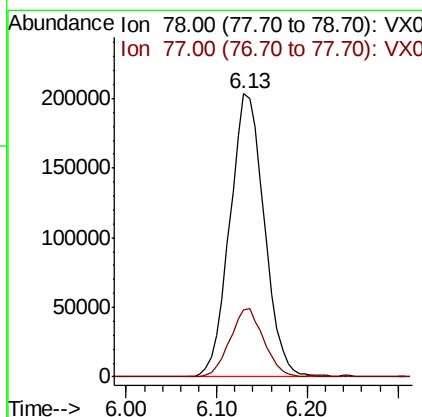
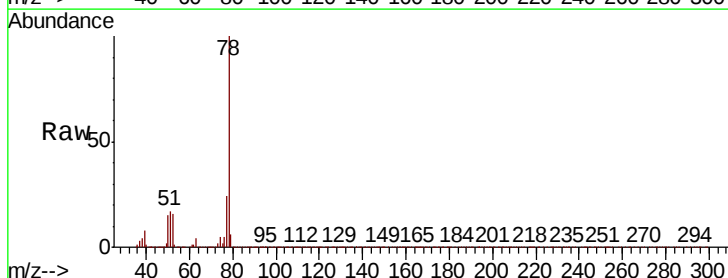
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#40
Benzene
Concen: 18.006 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3





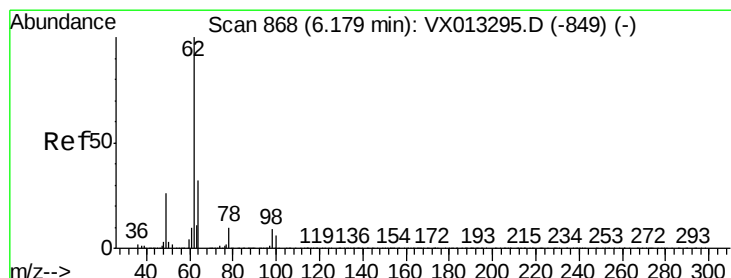
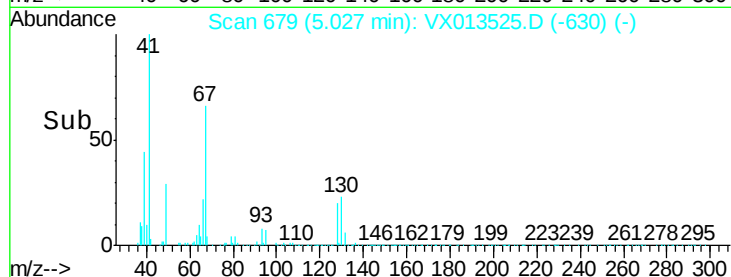
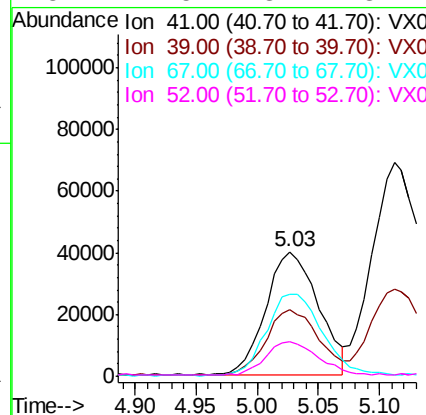
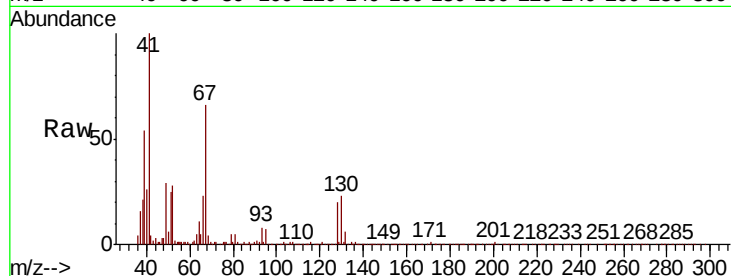
#41
Methacrylonitrile
Concen: 18.219 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	120316		
39	39	53.5		45.0	67.6
67	67	69.5		55.4	83.2
52	52	27.5		23.1	34.7

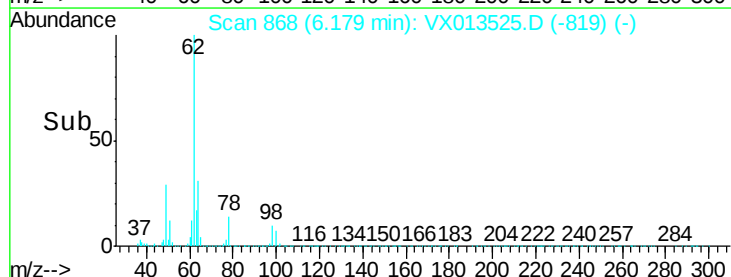
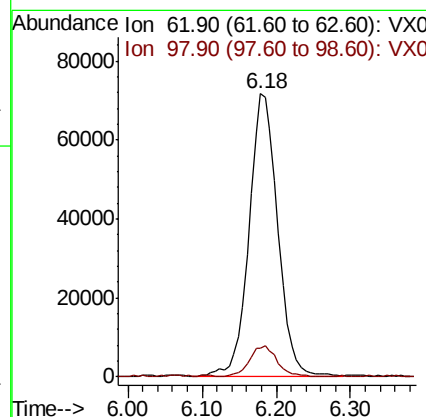
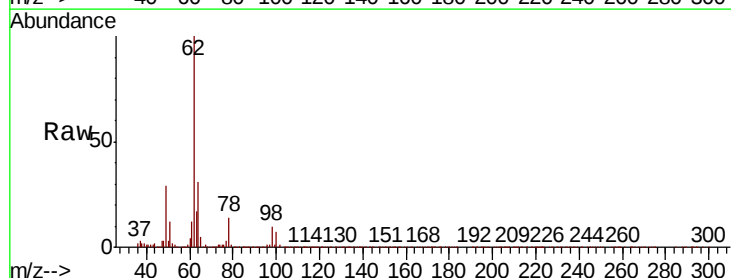
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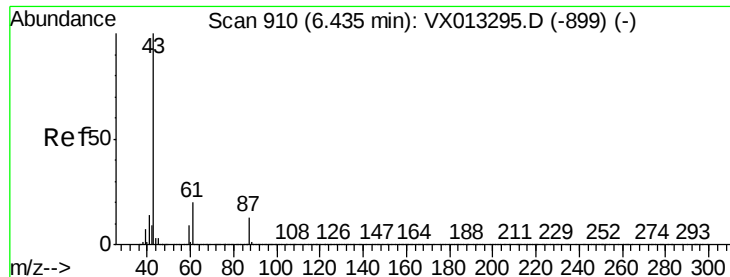
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#42
1,2-Dichloroethane
Concen: 17.903 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	191804		
98	98	10.8		0.0	19.4





#43

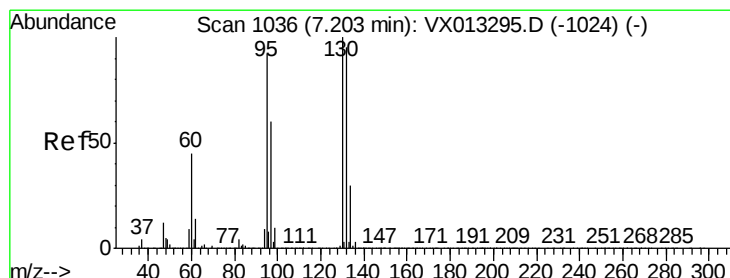
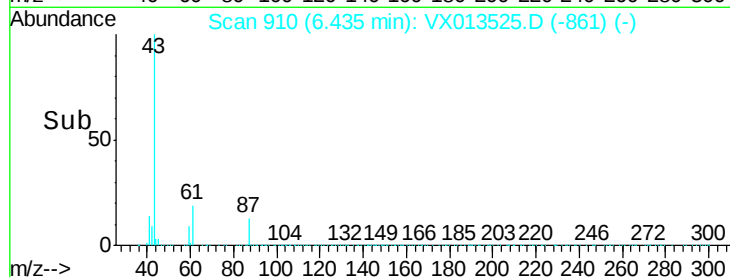
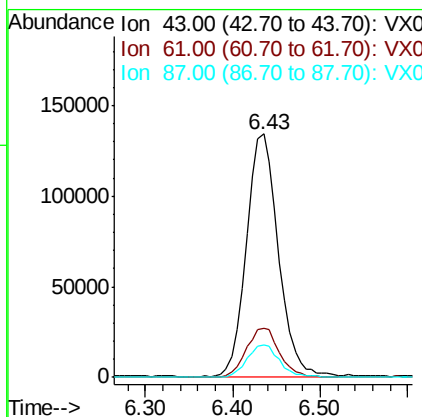
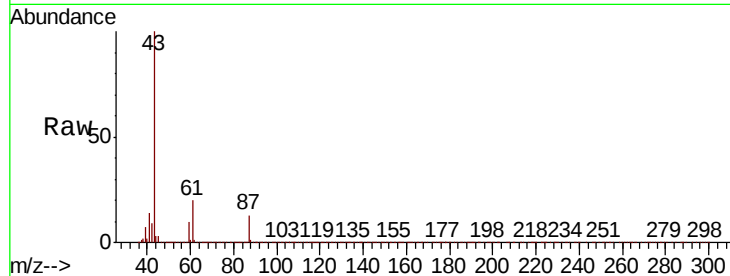
Isopropyl Acetate
 Concen: 18.421 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	15.8	23.8
87	13.9	10.4	15.6

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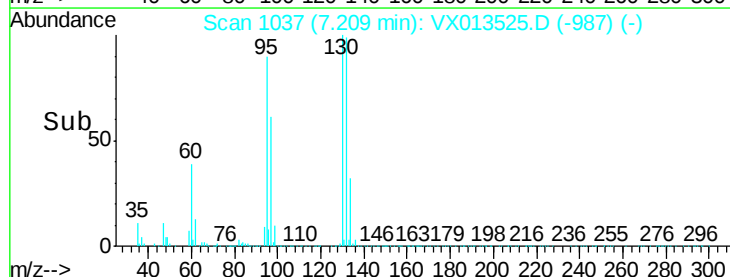
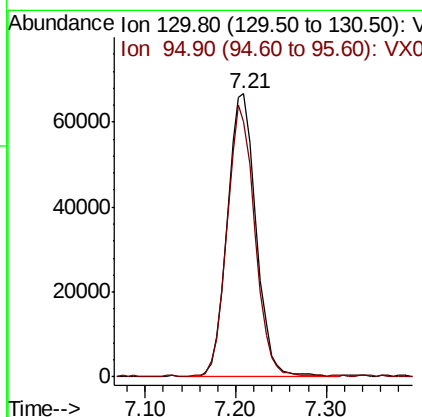
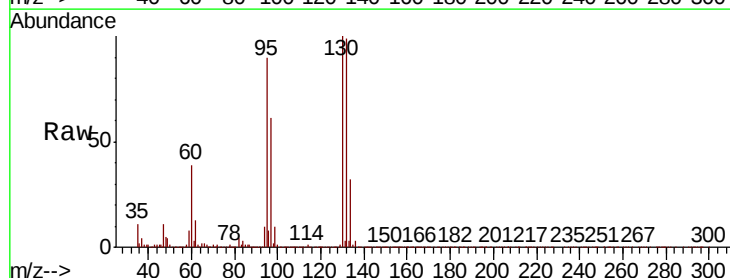
MMDadoda
 11/25/2019 10:40:31 AM

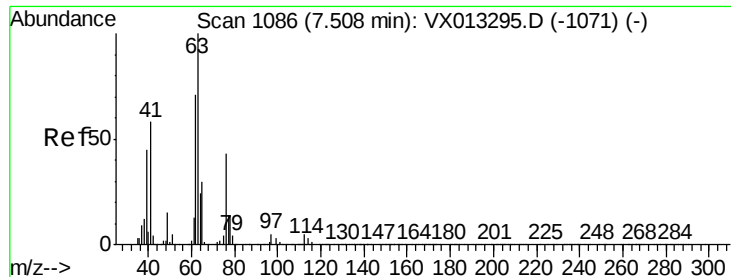


#44

Trichloroethene
 Concen: 17.836 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	184.8





#45

1,2-Dichloropropane

Concen: 18.197 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

Tot Ion: 63 Resp: 137708

Ion Ratio Lower Upper

63 100

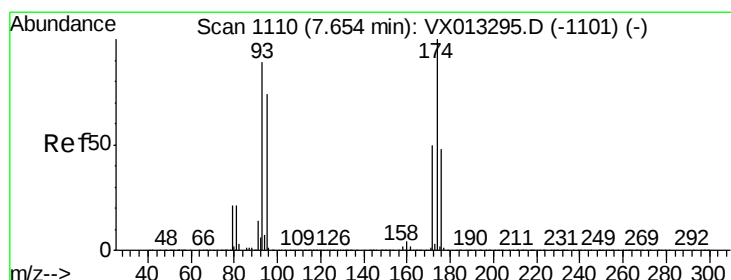
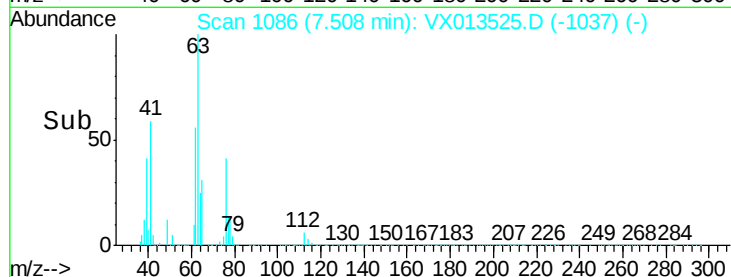
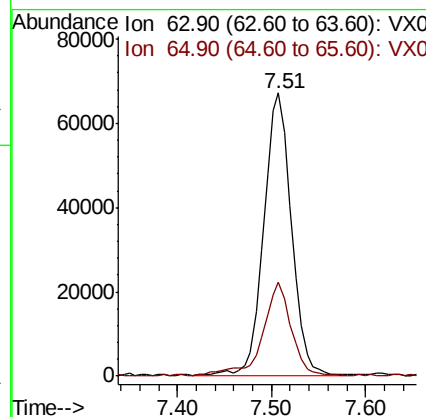
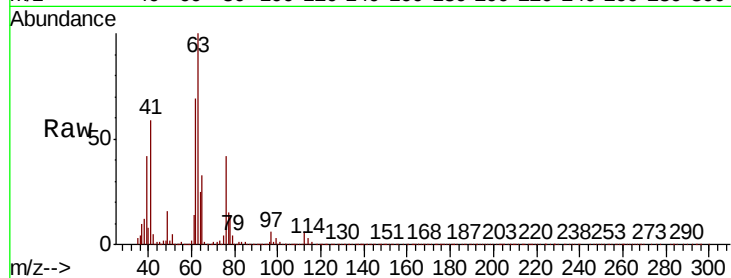
65 32.9 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 17.259 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

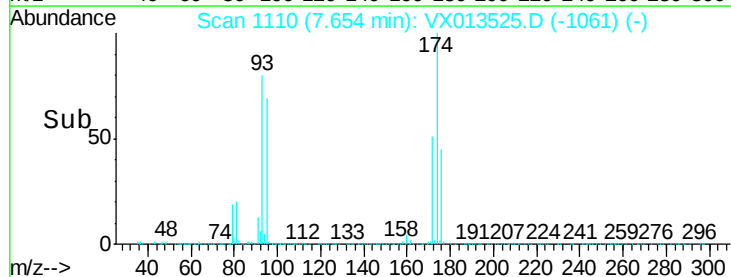
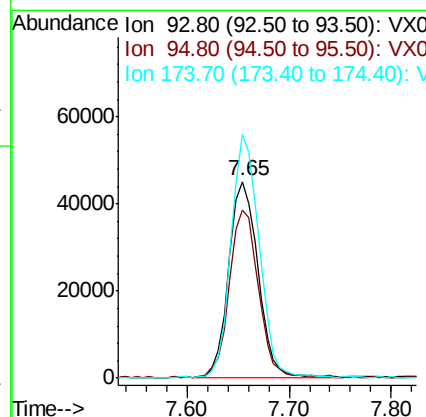
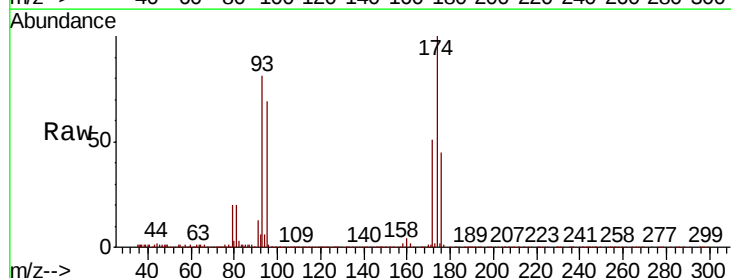
Tgt Ion: 93 Resp: 89180

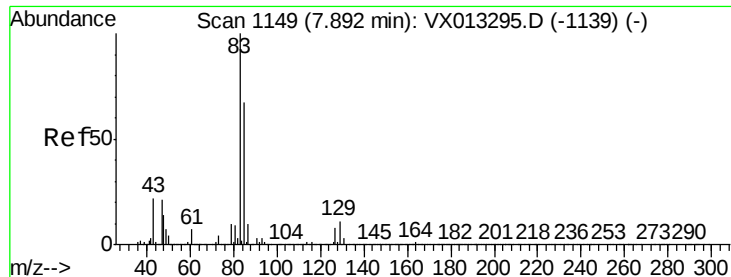
Ion Ratio Lower Upper

93 100

95 85.9 65.8 98.6

174 119.8 90.4 135.6





#47

Bromodichloromethane

Concen: 18.618 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

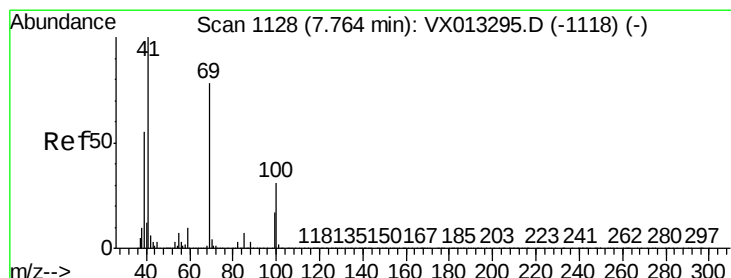
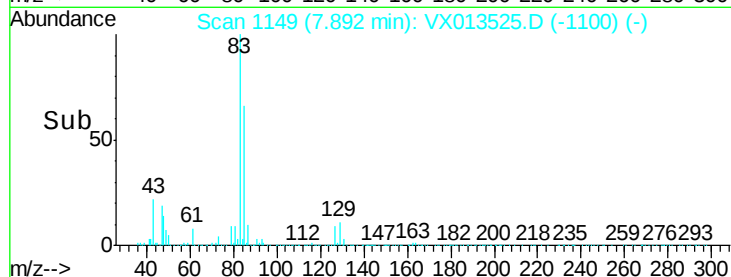
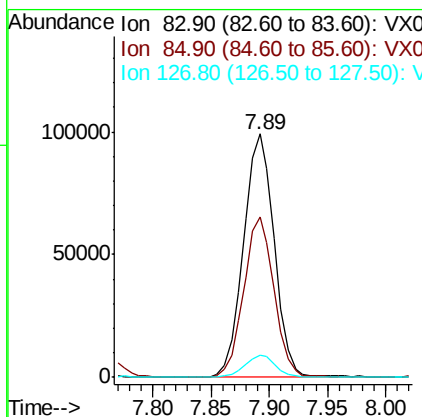
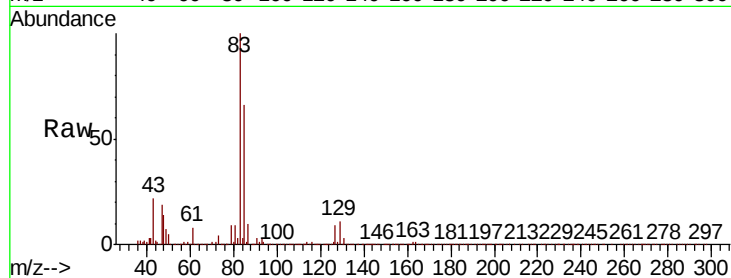
ClientSampleId :

VX1122WBS02

Tot Ion:	83	Resp:	181405
Ion Ratio	Lower	Upper	
83	100		
85	65.6	53.7	80.5
127	9.1	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.471 ug/l

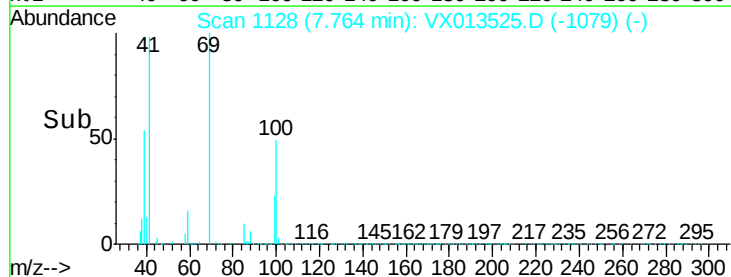
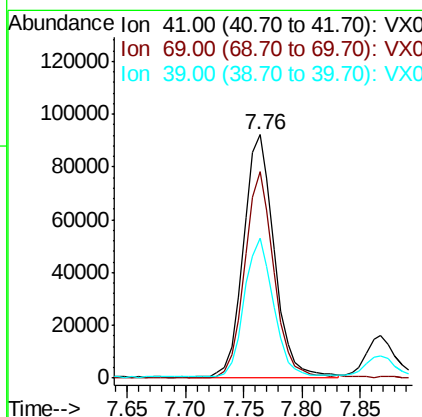
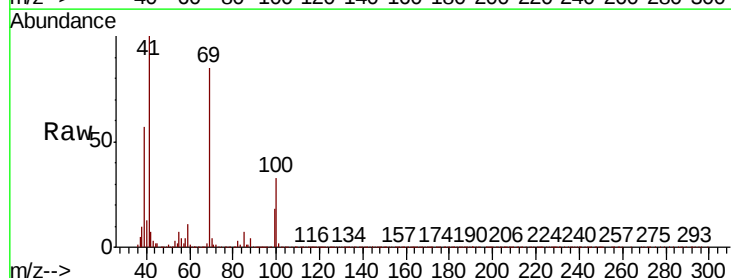
RT: 7.76 min Scan# 1128

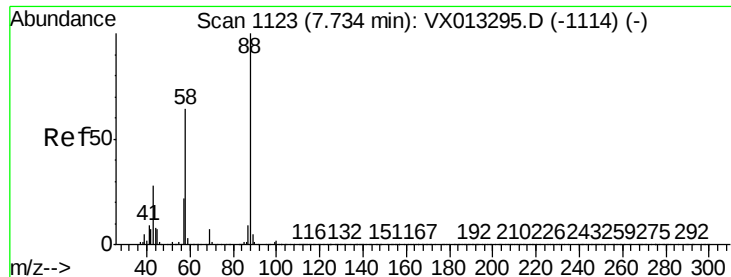
Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Tgt Ion:	41	Resp:	169162
Ion Ratio	Lower	Upper	
41	100		
69	81.2	63.0	94.6
39	54.4	45.9	68.9





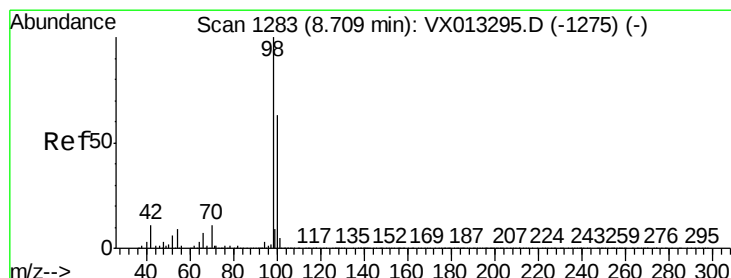
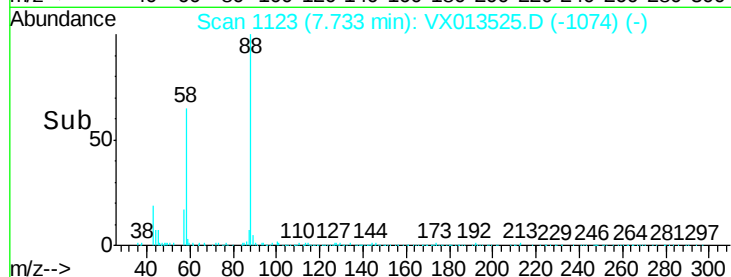
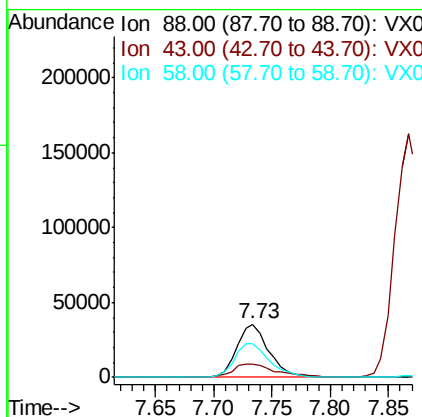
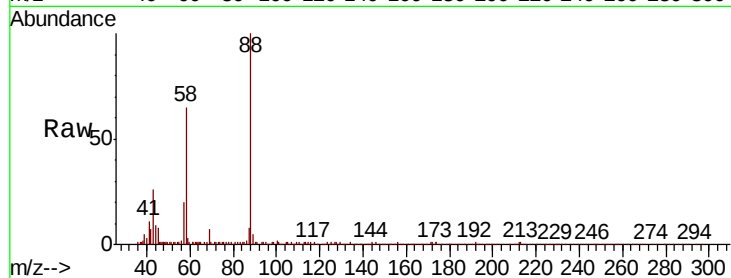
#49
1,4-Dioxane
Concen: 319.872 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	26.6	39.8
58	68.5	55.0	82.6

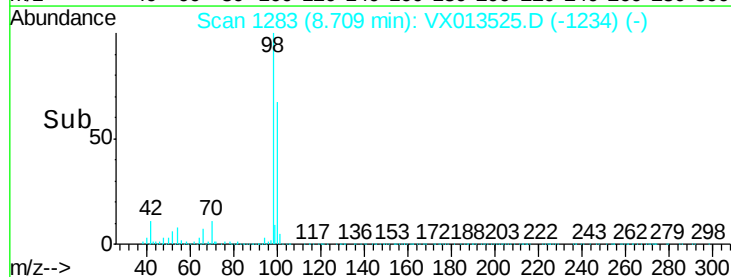
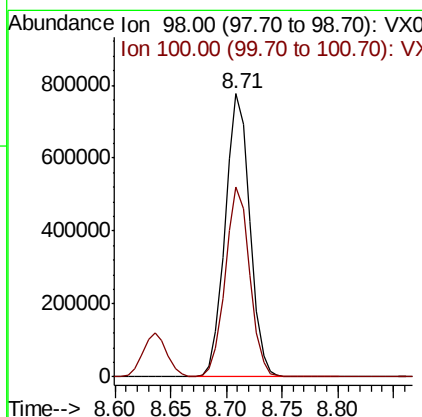
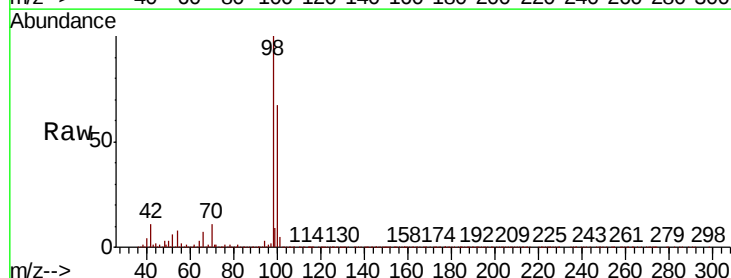
Manual Integrations
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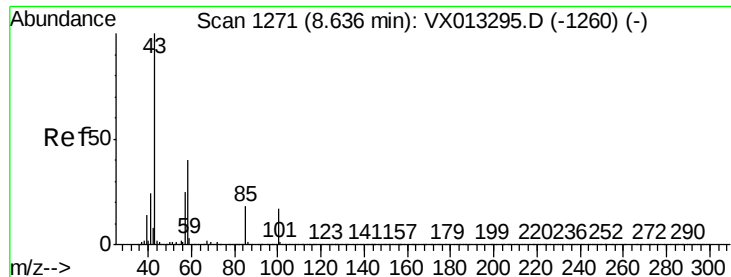
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#50
Toluene-d8
Concen: 45.210 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 91.973 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

Tot Ion: 43 Resp: 1107094

Ion Ratio Lower Upper

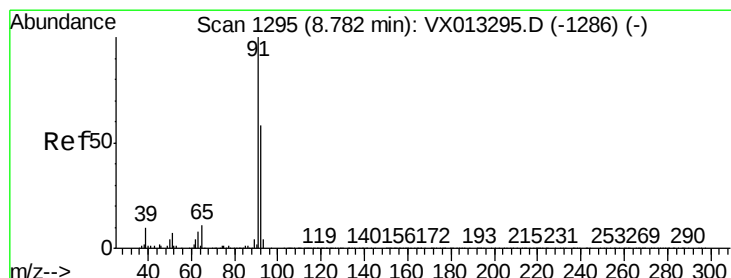
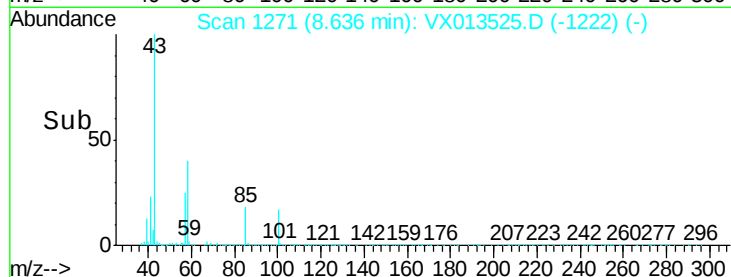
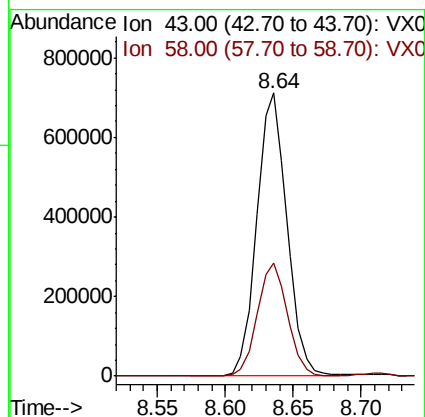
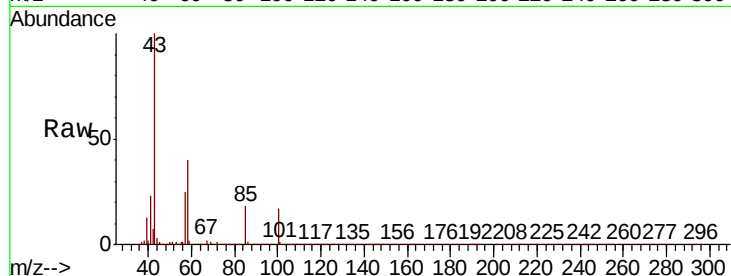
43 100

58 39.8 31.4 47.0

Manual Integrations
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#52

Toluene

Concen: 18.315 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013525.D

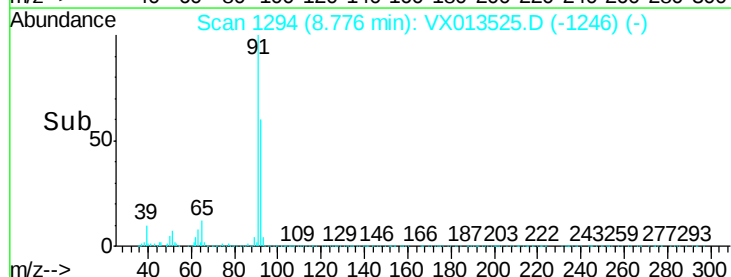
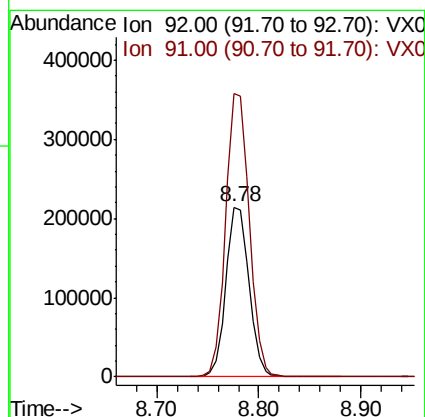
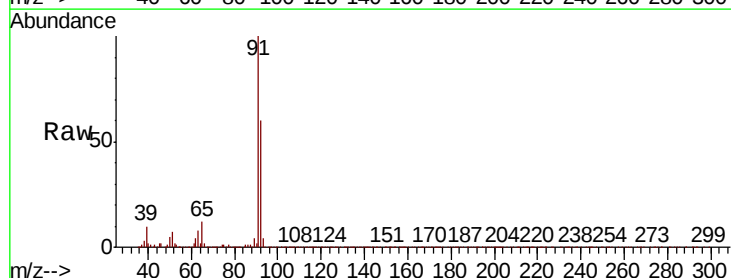
Acq: 22 Nov 2019 12:06

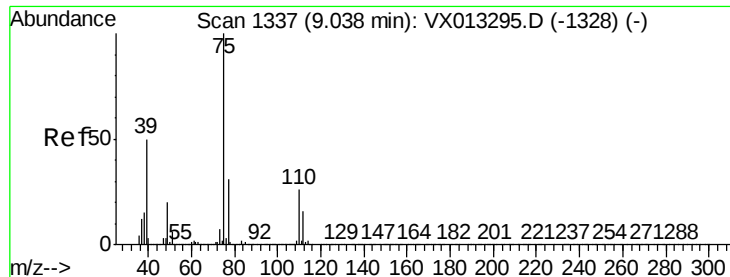
Tgt Ion: 92 Resp: 337151

Ion Ratio Lower Upper

92 100

91 170.0 138.0 207.0





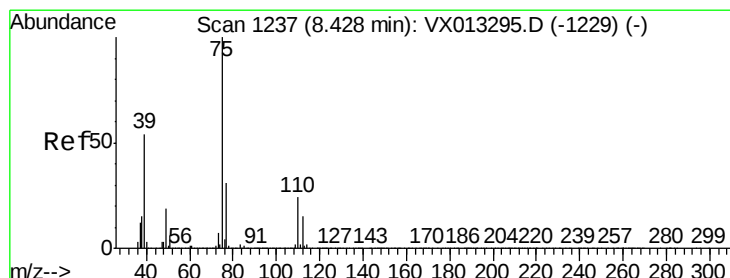
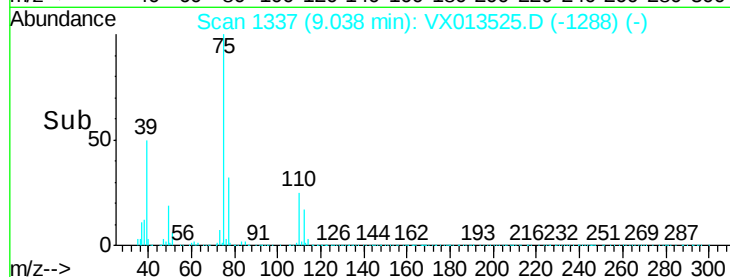
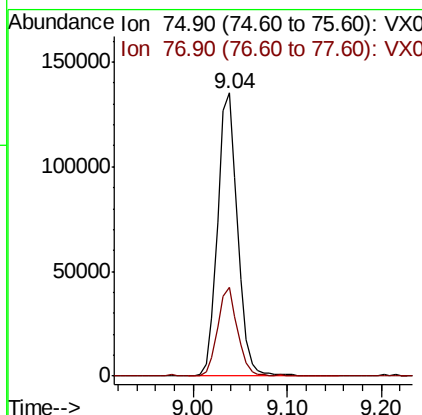
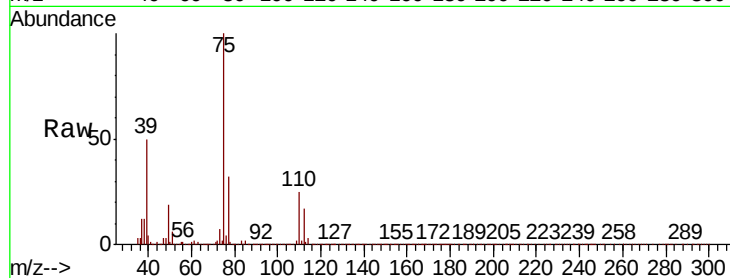
#53
t-1,3-Dichloropropene
Concen: 18.611 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.4

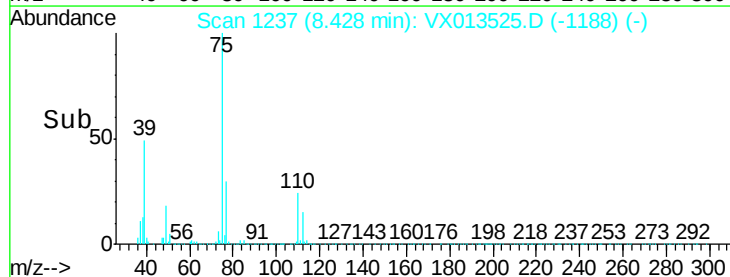
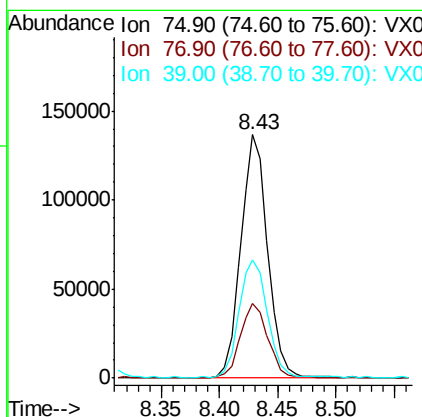
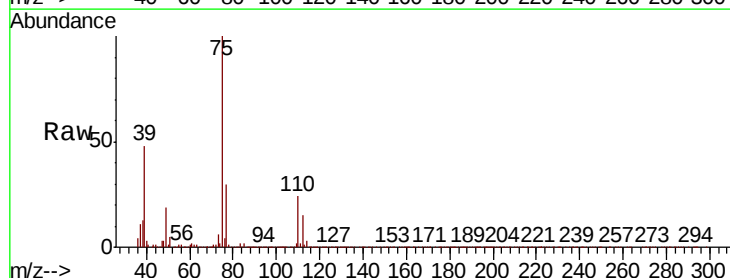
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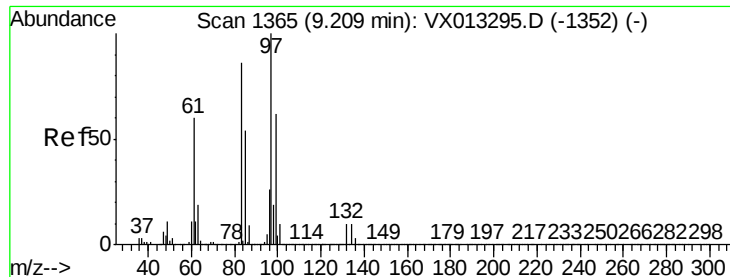
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.313 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.7	37.1
39	48.3	43.0	64.6





#55

1,1,2-Trichloroethane

Concen: 18.876 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

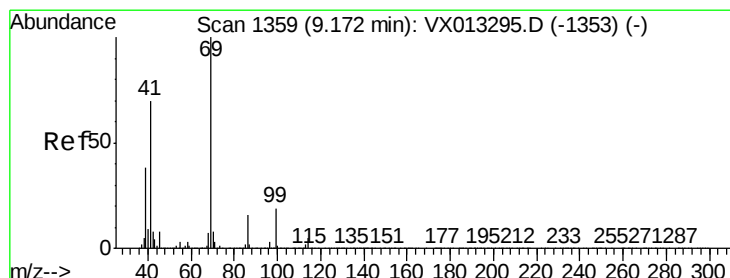
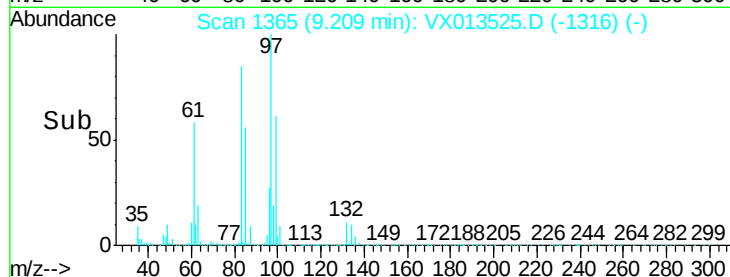
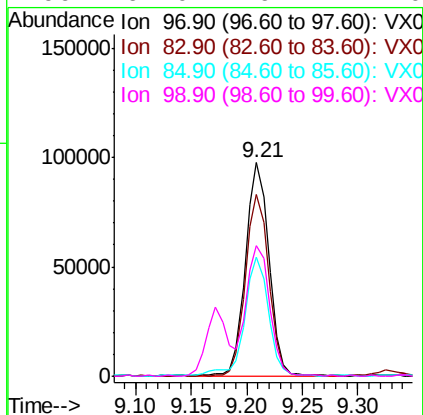
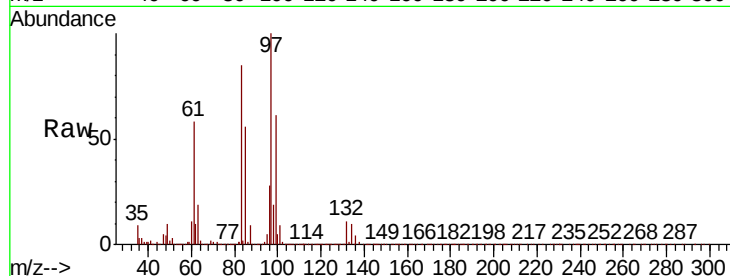
ClientSampleId :

VX1122WBS02

Tot Ion:	97	Resp:	144029
Ion Ratio	Lower	Upper	
97	100		
83	85.4	68.6	103.0
85	55.8	43.1	64.7
99	61.0	49.4	74.0

Manual Integrations
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#56

Ethyl methacrylate

Concen: 18.277 ug/l

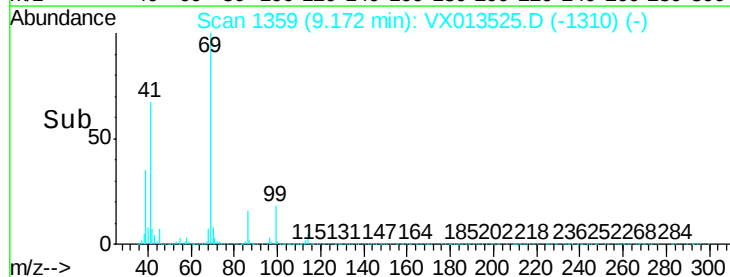
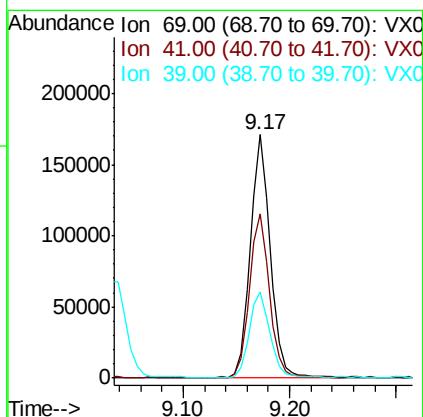
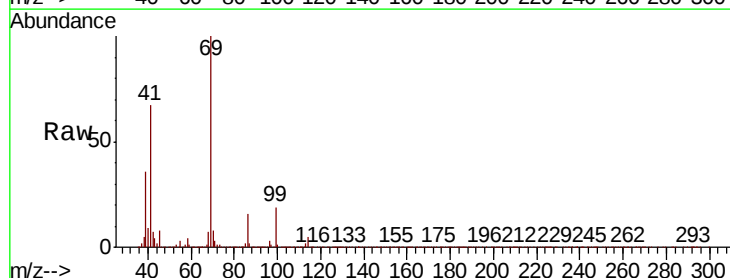
RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Tgt Ion:	69	Resp:	224753
Ion Ratio	Lower	Upper	
69	100		
41	67.5	56.2	84.2
39	36.2	31.1	46.7





#57

1,3-Dichloropropane

Concen: 18.564 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

Tot Ion: 76 Resp: 240458

Ion Ratio Lower Upper

76 100

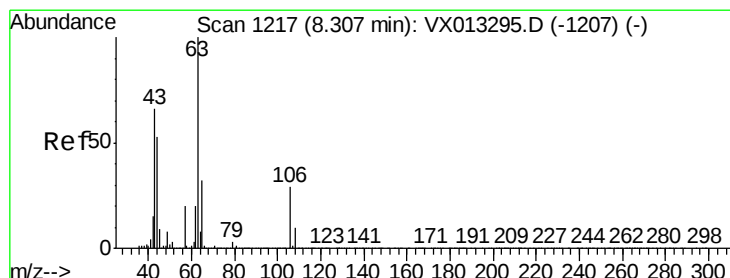
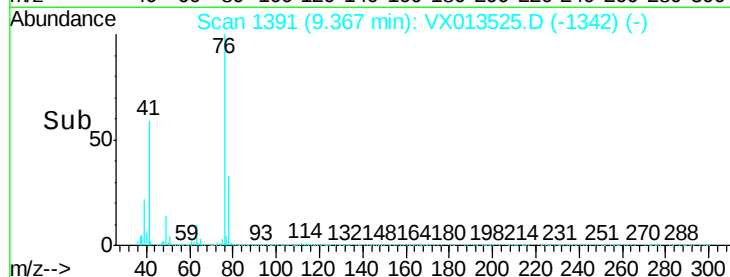
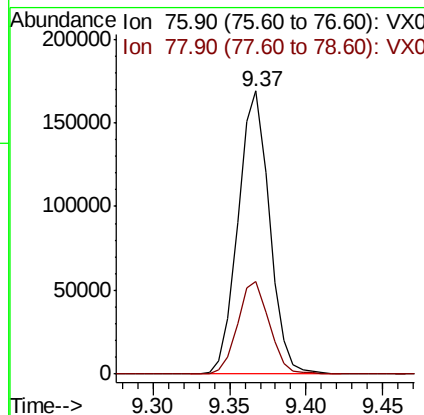
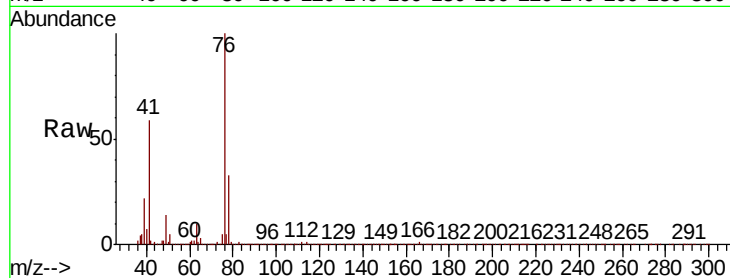
78 32.8 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 88.262 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013525.D

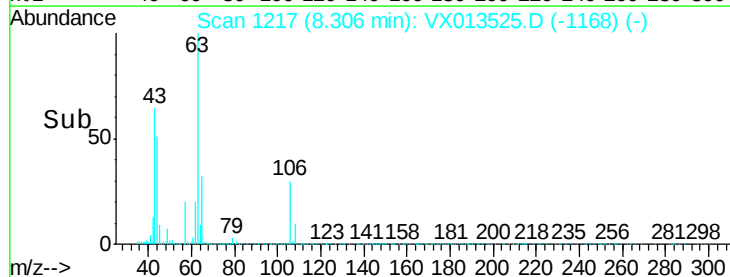
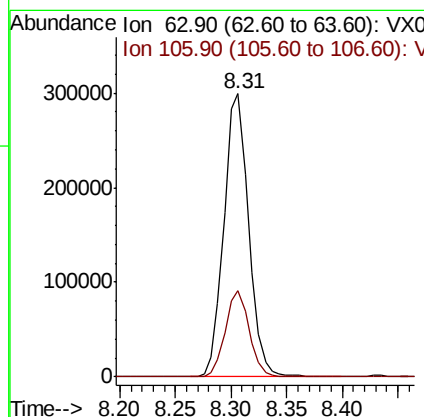
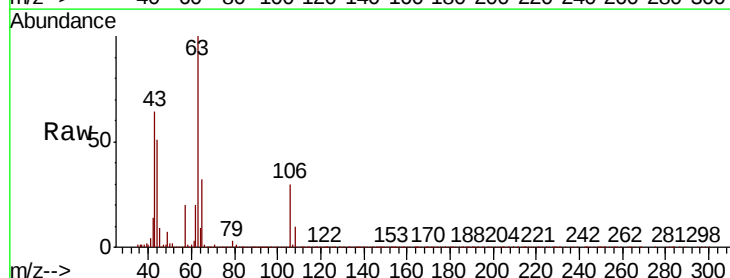
Acq: 22 Nov 2019 12:06

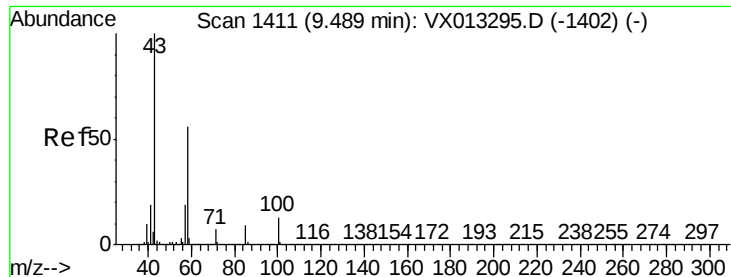
Tgt Ion: 63 Resp: 460478

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2





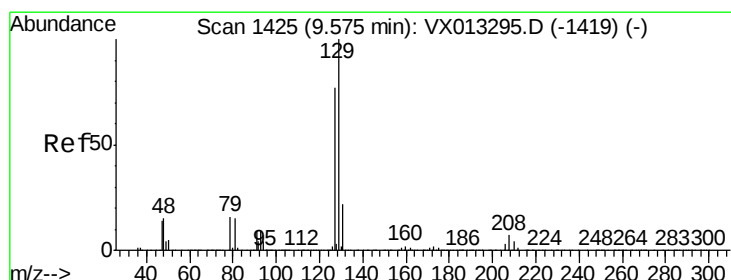
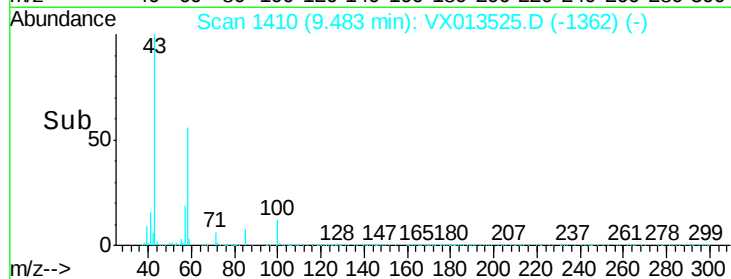
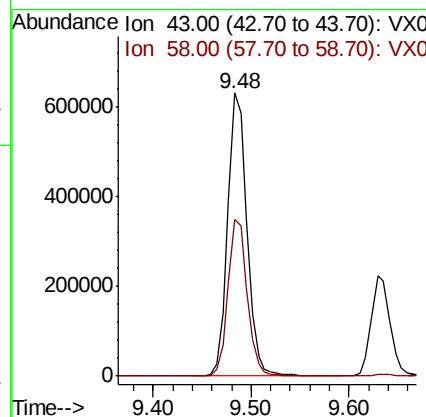
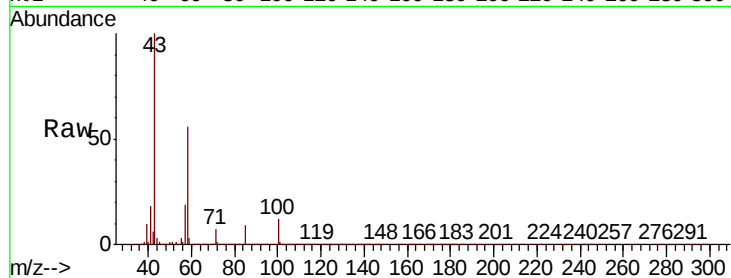
#59
2-Hexanone
Concen: 93.085 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion: 43 Resp: 865879
Ion Ratio Lower Upper
43 100
58 55.7 27.3 81.8

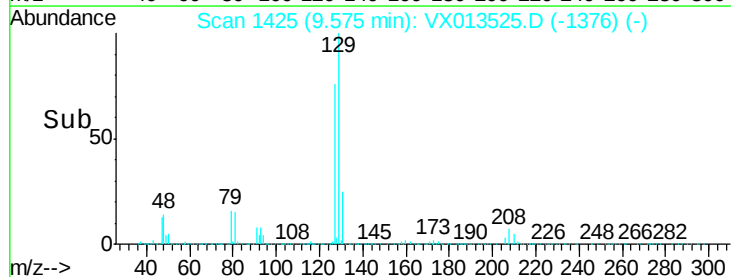
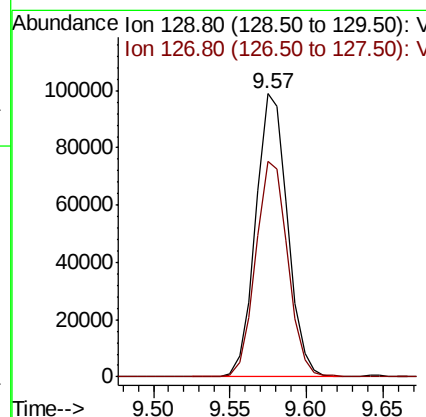
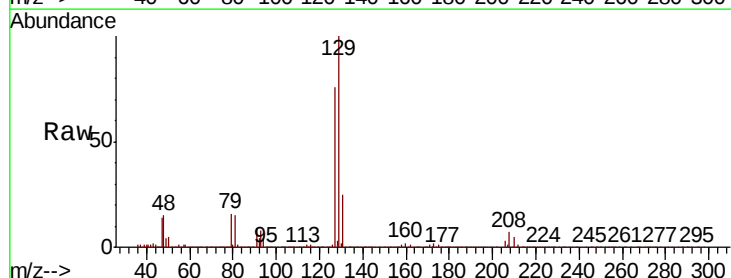
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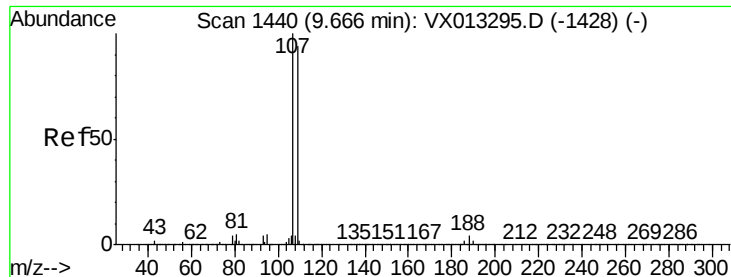
MMDadoda
11/25/2019 10:40:31 AM



#60
Dibromochloromethane
Concen: 18.346 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion: 129 Resp: 143167
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.816 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

Tot Ion: 107 Resp: 144354

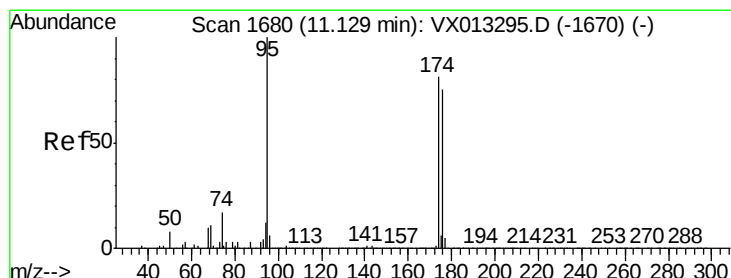
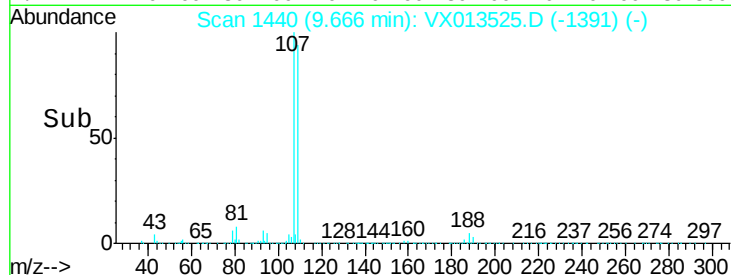
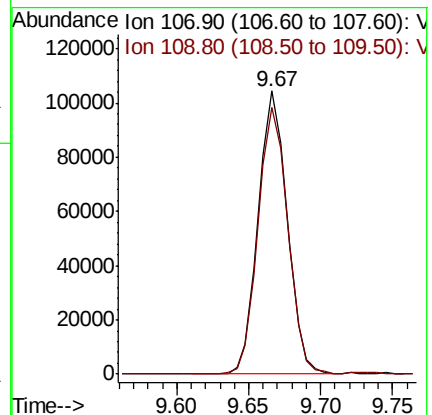
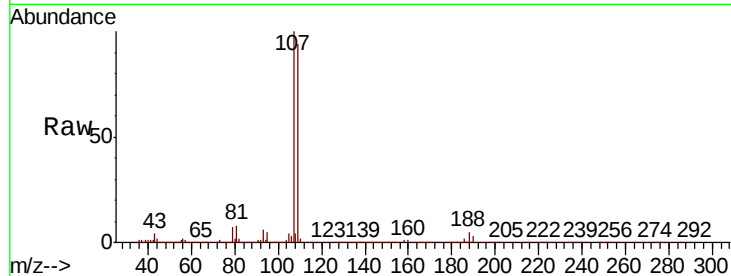
Ion Ratio Lower Upper

107 100

109 97.0 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 44.818 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

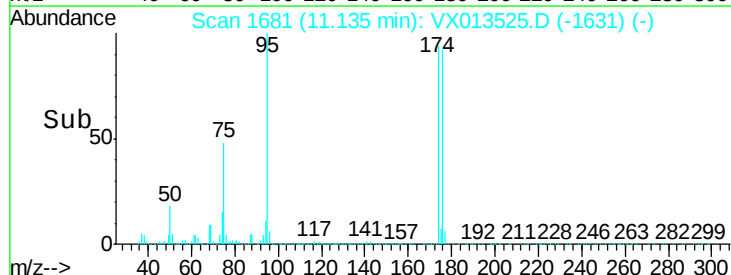
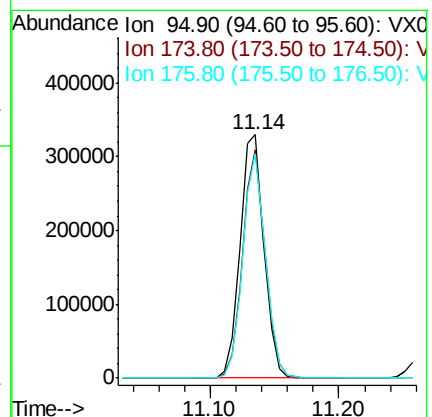
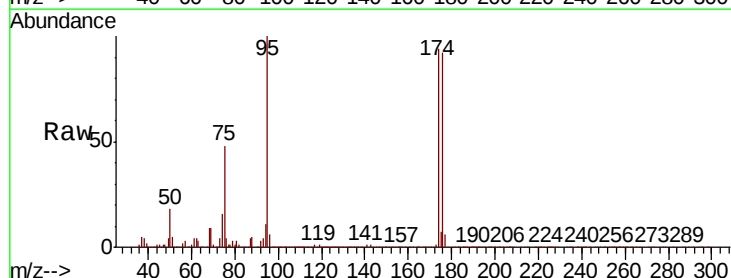
Tgt Ion: 95 Resp: 425101

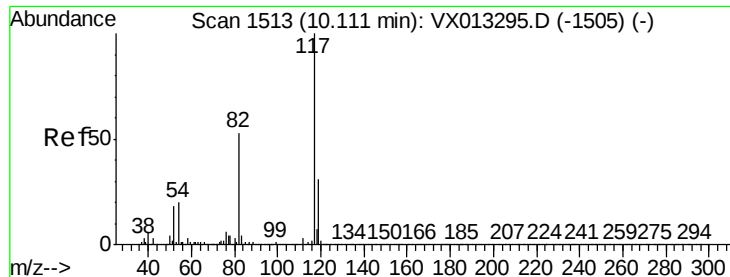
Ion Ratio Lower Upper

95 100

174 88.3 0.0 179.8

176 87.4 0.0 173.0





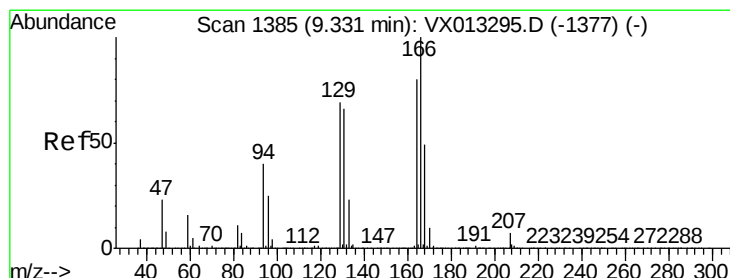
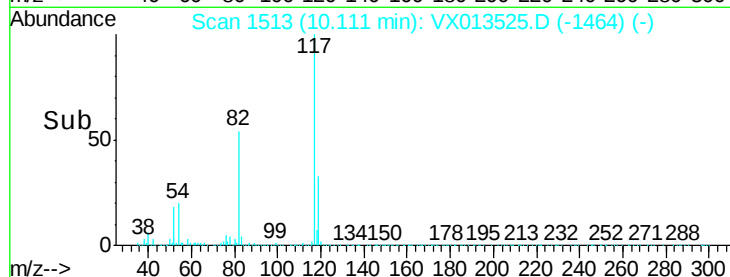
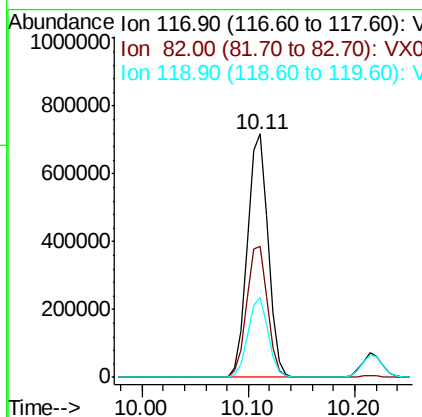
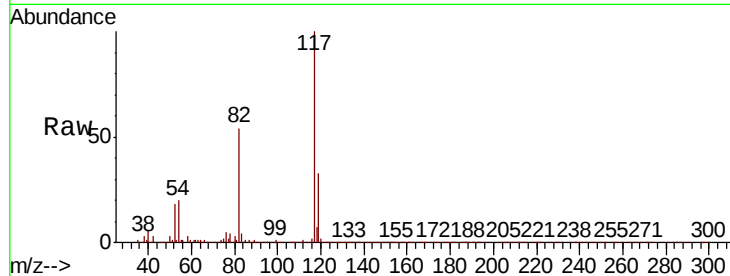
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	981208		
82	53.9	42.6	64.0	
119	32.6	24.8	37.2	

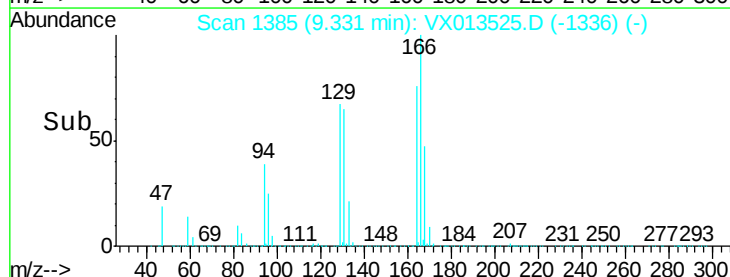
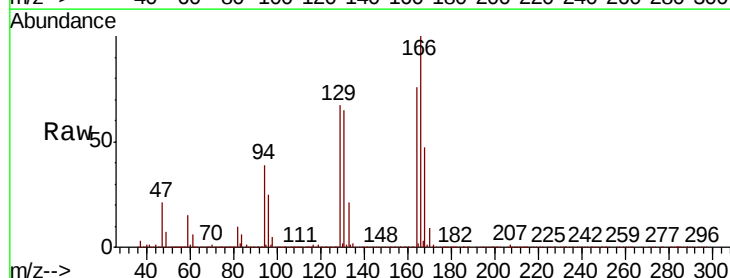
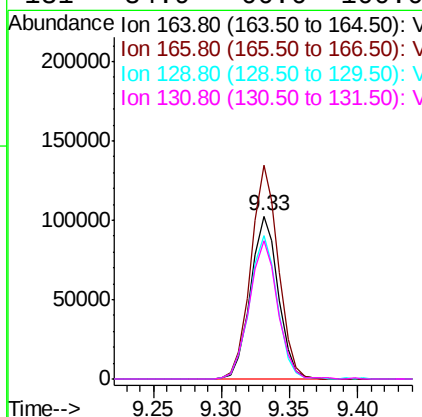
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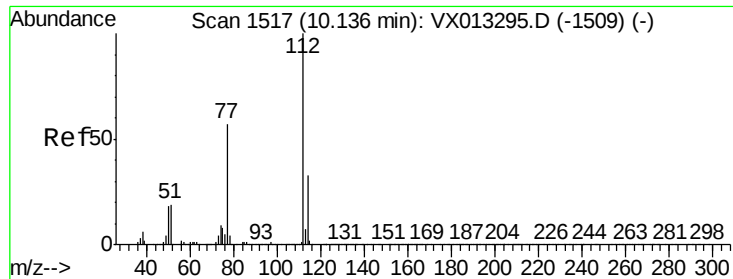
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#64
Tetrachloroethene
Concen: 20.983 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	147390		
166	131.0	100.4	150.6	
129	87.7	69.4	104.2	
131	84.9	66.6	100.0	





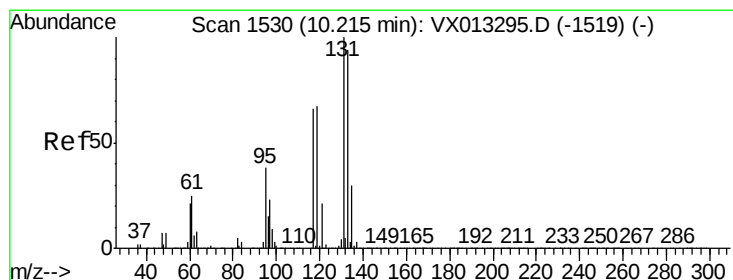
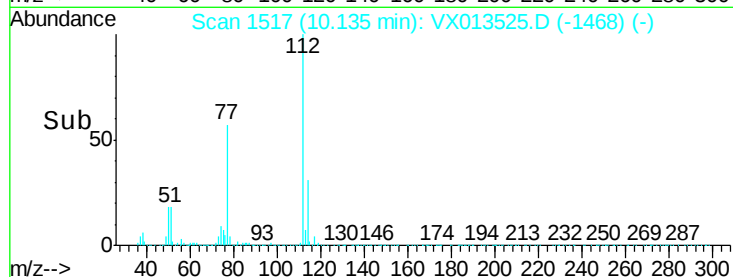
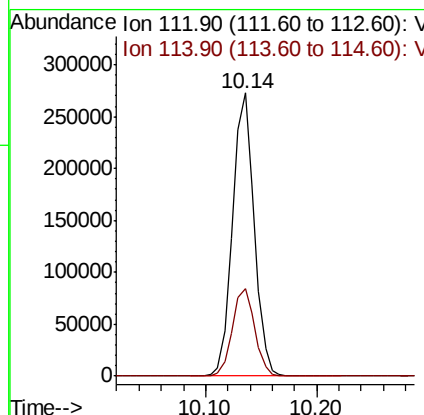
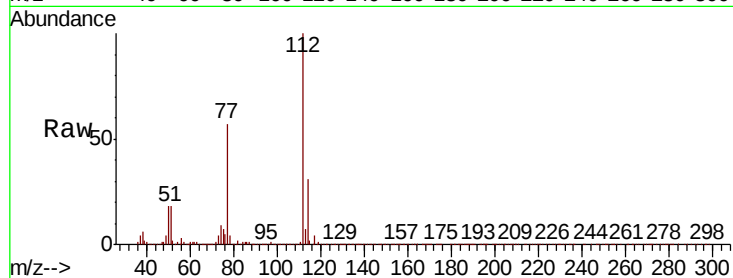
#65
Chlorobenzene
Concen: 18.378 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	26.4	39.6

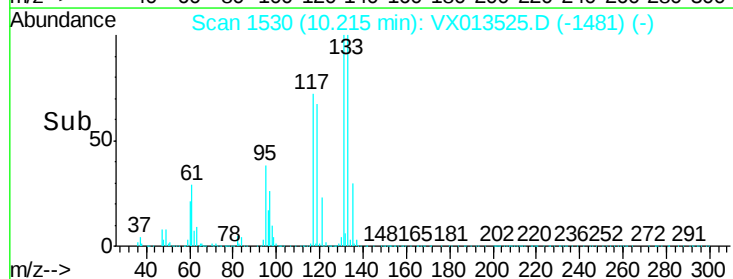
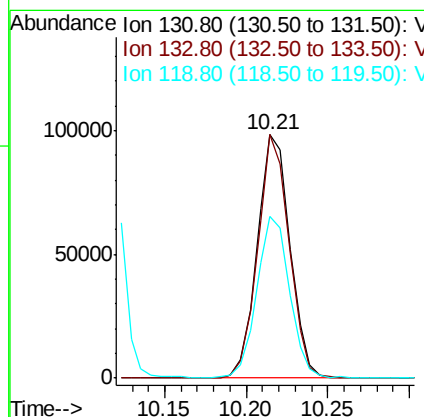
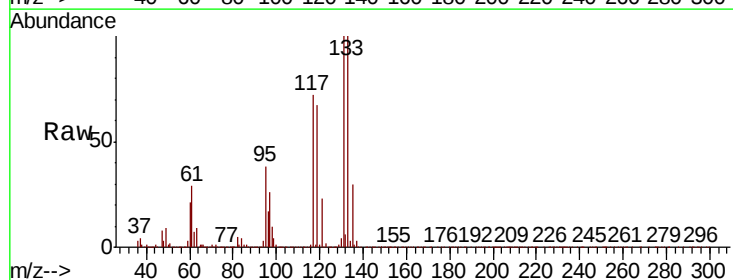
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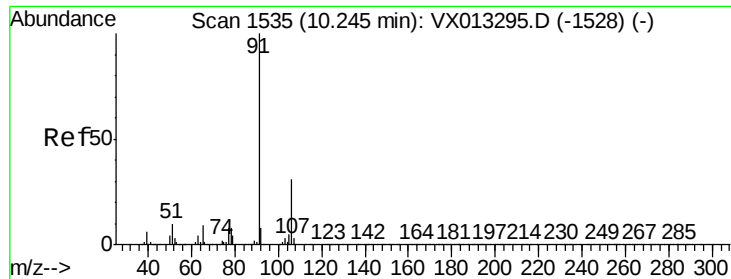
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.770 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	48.0	144.0
119	66.5	33.0	99.0





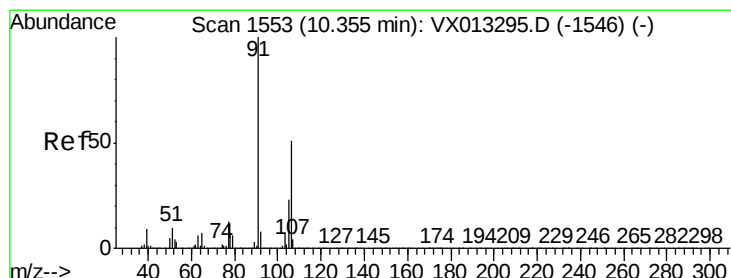
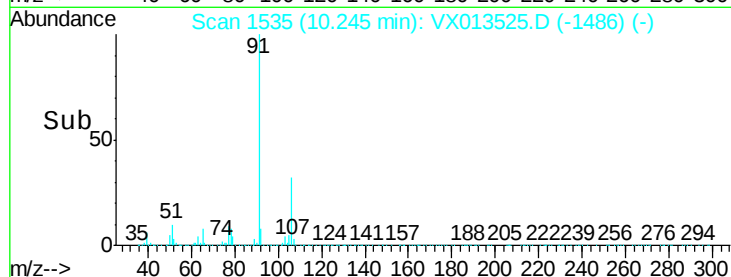
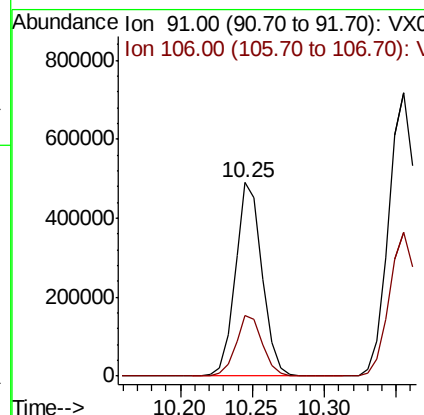
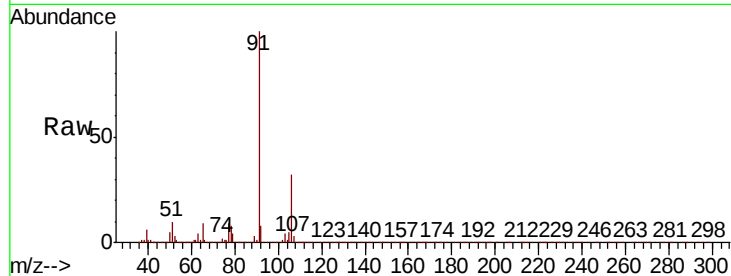
#67
Ethyl Benzene
Concen: 18.515 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion: 91 Resp: 634774
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8

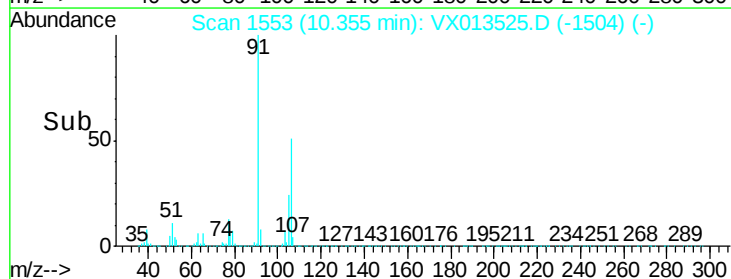
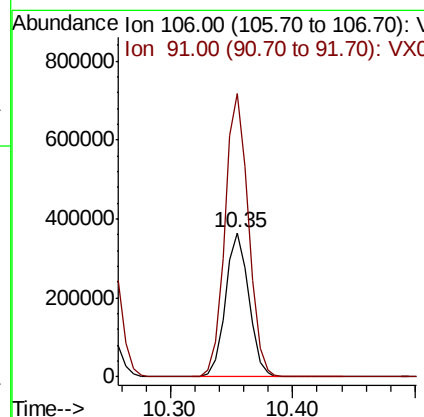
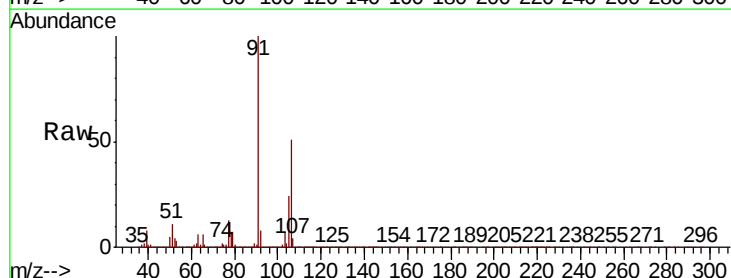
Manual Integrations
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#68
m/p-Xylenes
Concen: 37.138 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion: 106 Resp: 481544
Ion Ratio Lower Upper
106 100
91 198.6 159.3 238.9





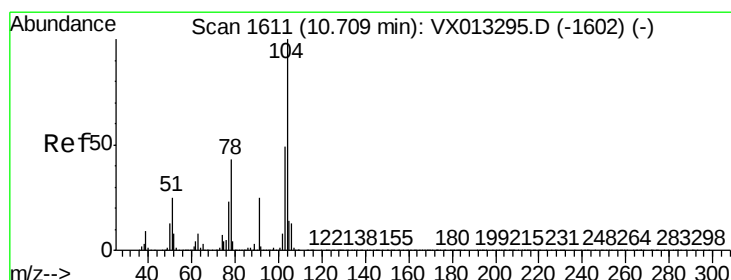
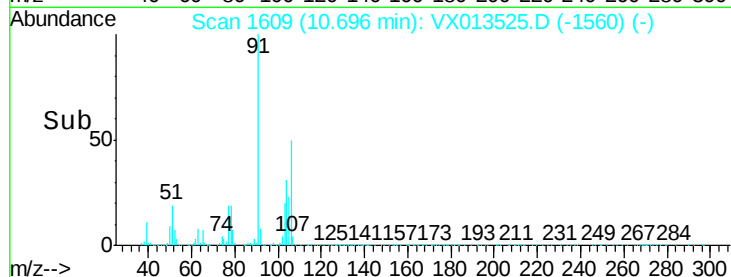
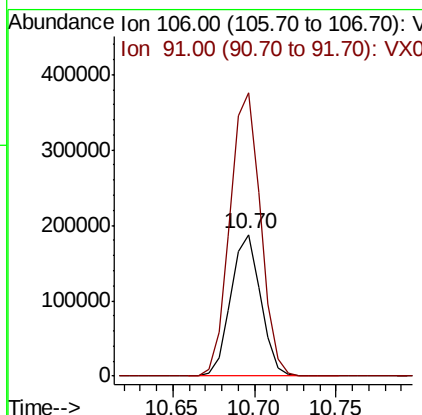
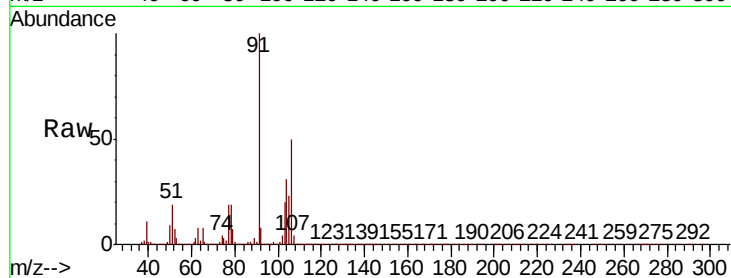
#69
o-Xylene
Concen: 18.807 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.0	105.7	317.0

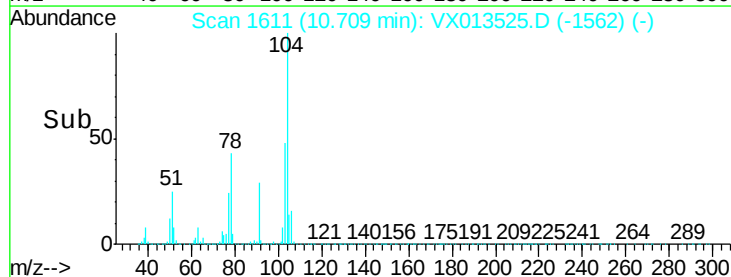
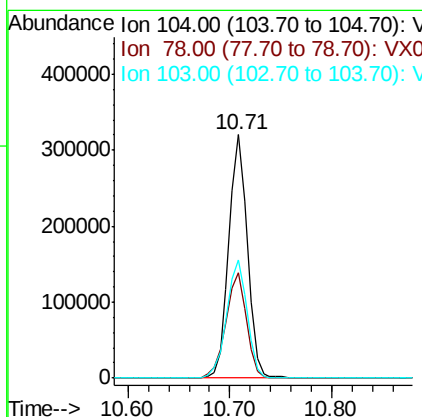
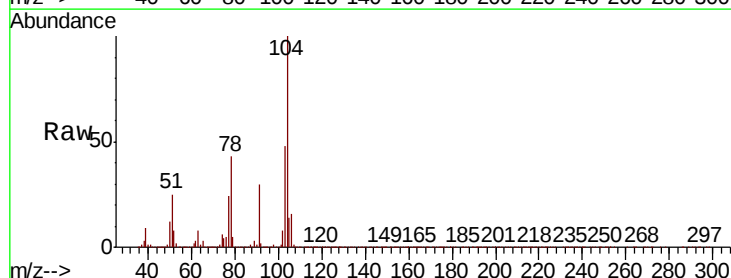
Manual Integrations
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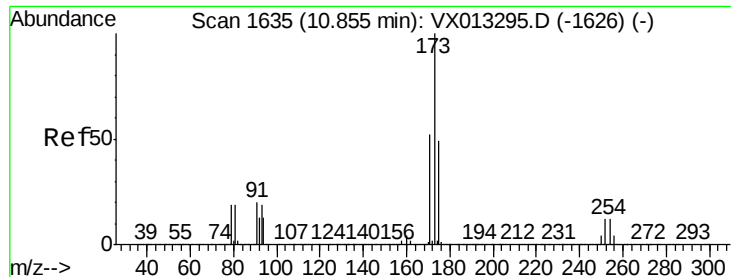
MMDadoda
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#70
Styrene
Concen: 18.968 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.0	40.0	60.0
103	53.9	44.1	66.1





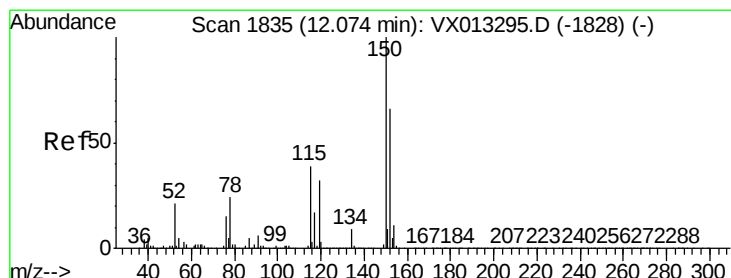
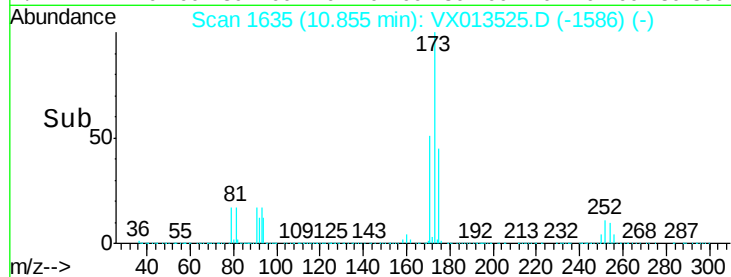
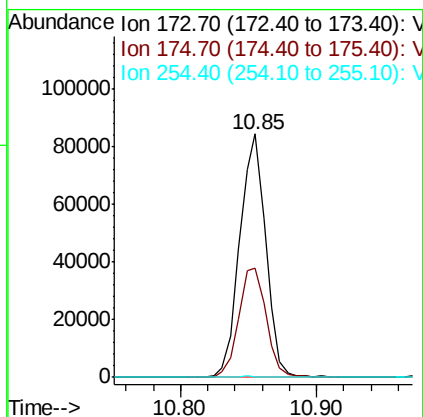
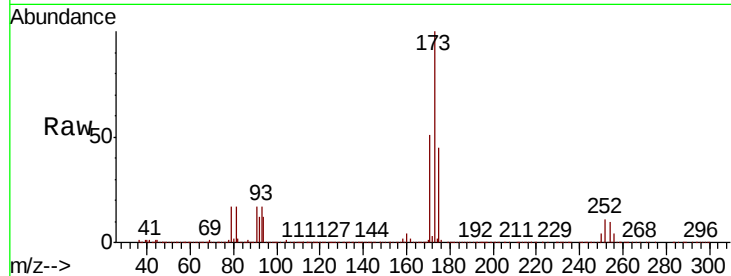
#71
Bromoform
Concen: 18.748 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.8	74.4
254	0.4	0.2	0.2#

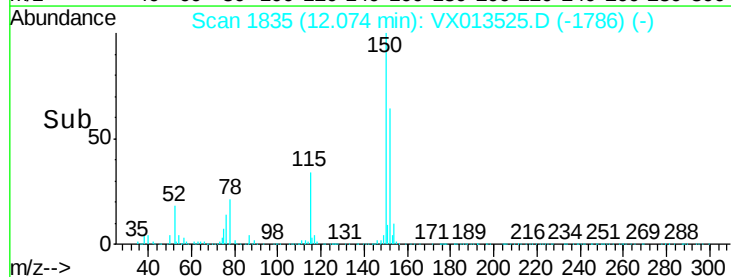
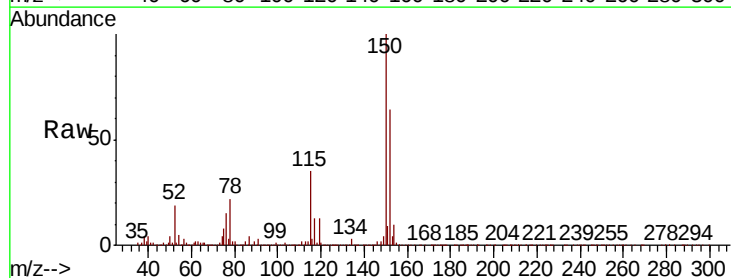
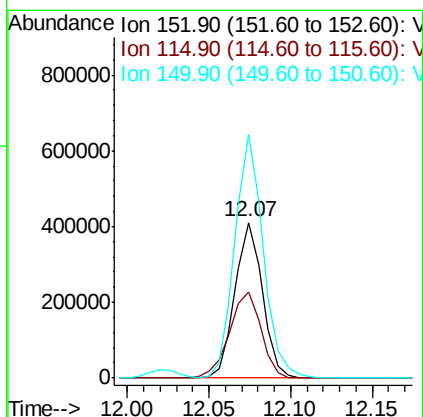
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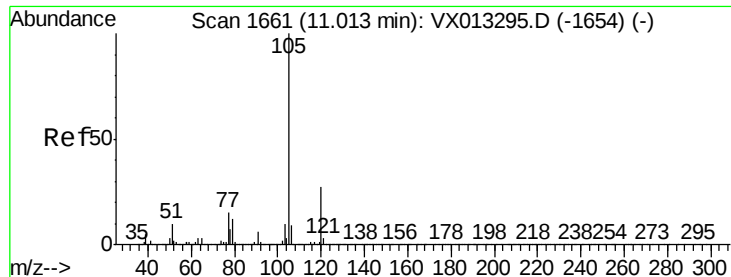
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	39.5	118.3
150	162.6	0.0	344.4





#73

Isopropylbenzene

Concen: 20.140 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

Tot Ion: 105 Resp: 641198

Ion Ratio Lower Upper

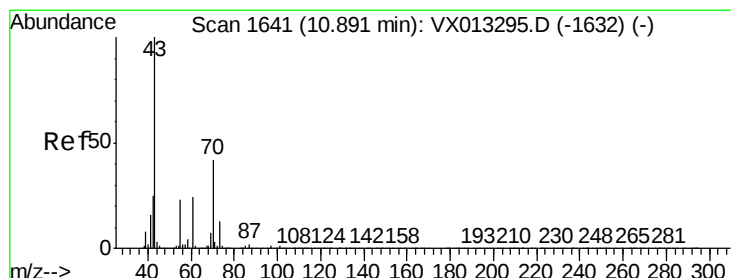
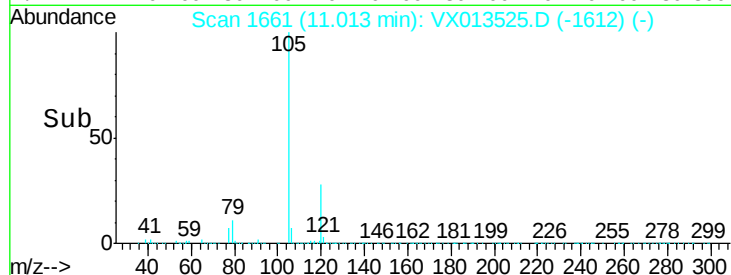
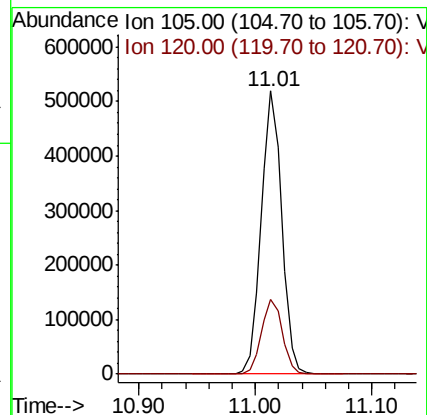
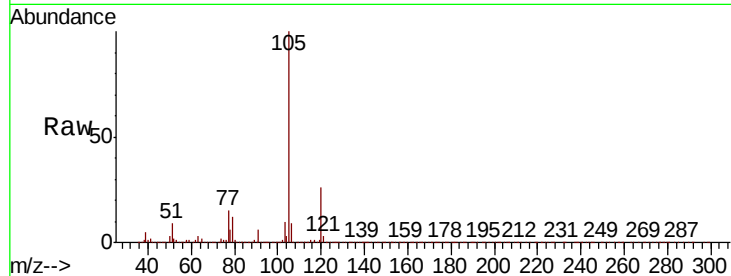
105 100

120 26.9 13.5 40.5

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#74

N-ethyl acetate

Concen: 19.585 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Tgt Ion: 43 Resp: 289143

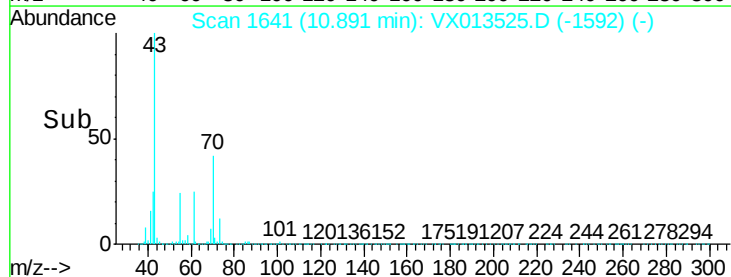
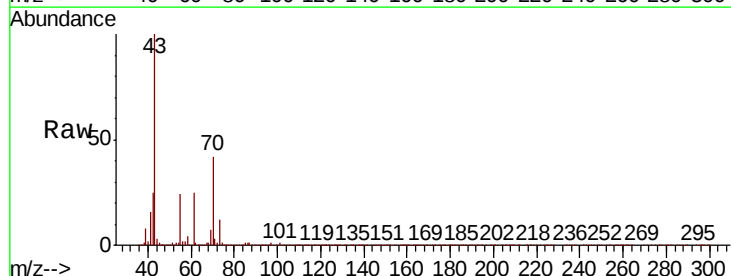
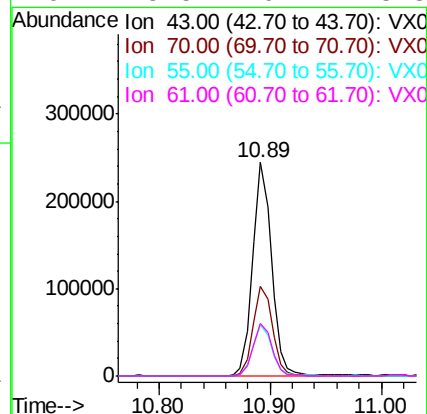
Ion Ratio Lower Upper

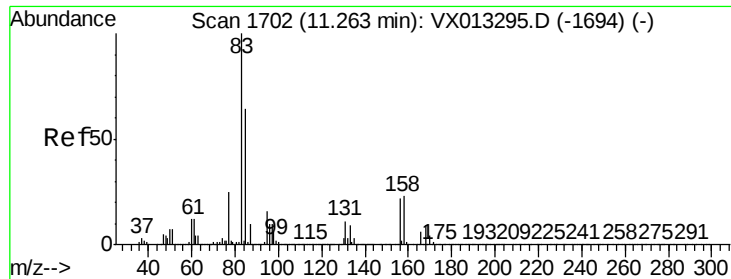
43 100

70 43.7 34.1 51.1

55 24.0 18.9 28.3

61 25.5 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.910 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

Tot Ion: 83 Resp: 231246

Ion Ratio Lower Upper

83 100

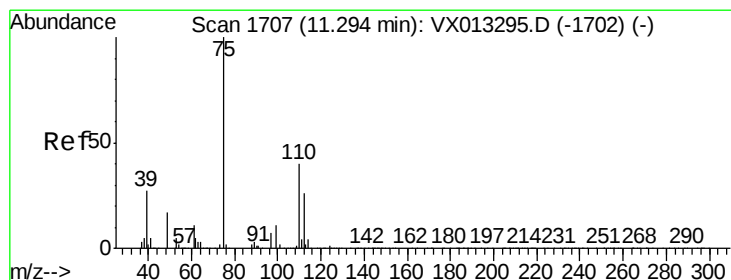
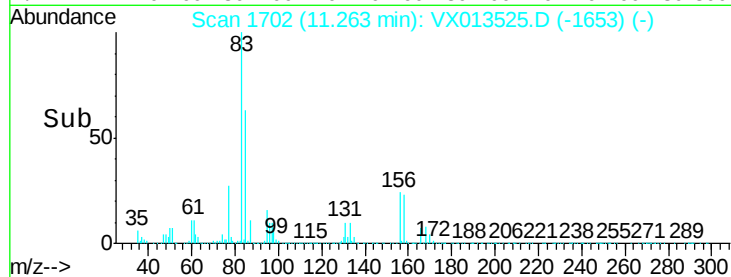
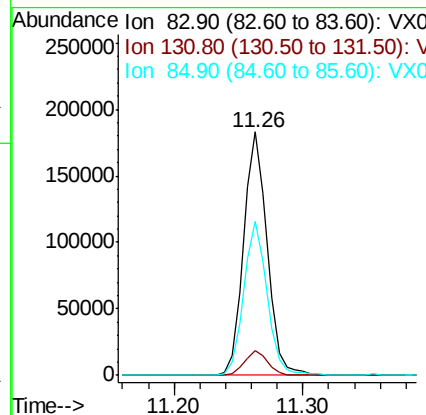
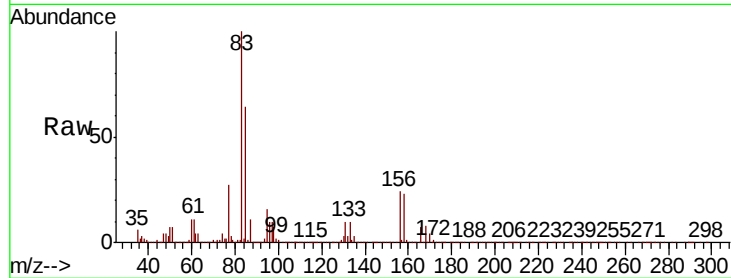
131 10.2 5.1 15.3

85 62.8 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 21.770 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013525.D

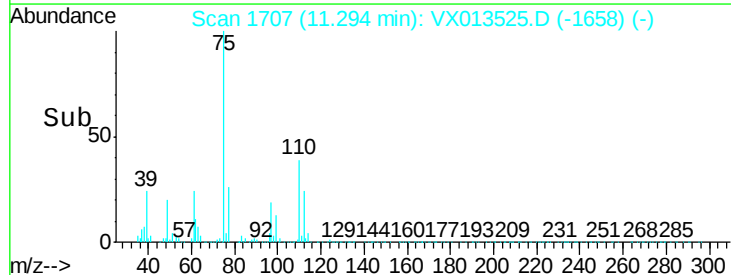
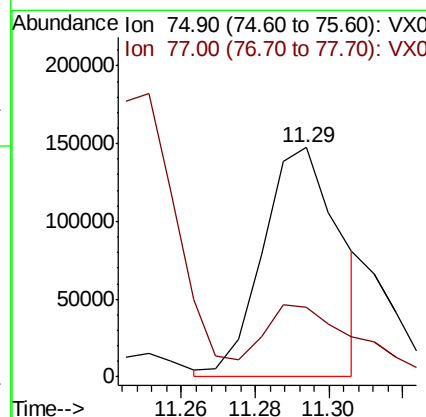
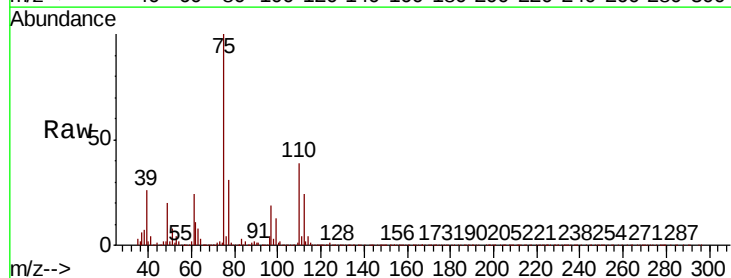
Acq: 22 Nov 2019 12:06

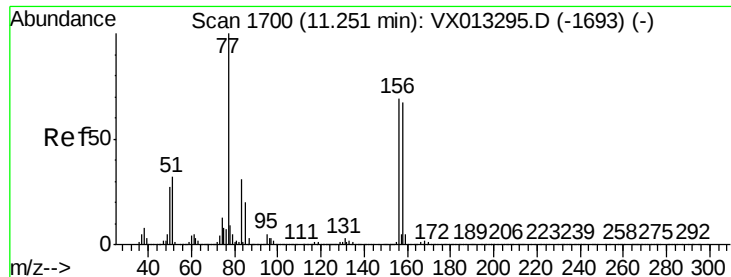
Tgt Ion: 75 Resp: 212329

Ion Ratio Lower Upper

75 100

77 37.3 22.3 66.8





#77

Bromobenzene

Concen: 19.800 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

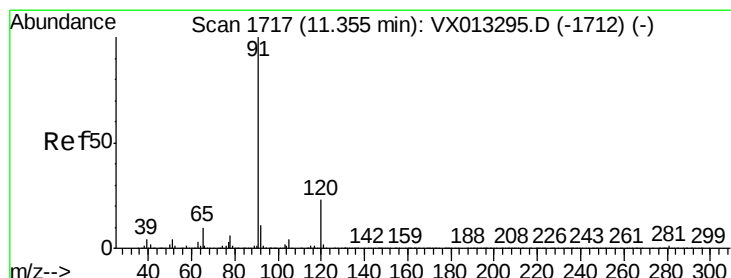
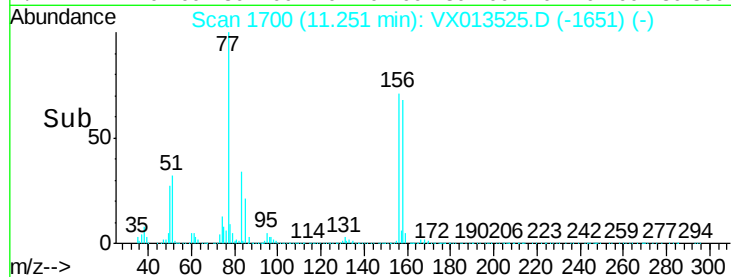
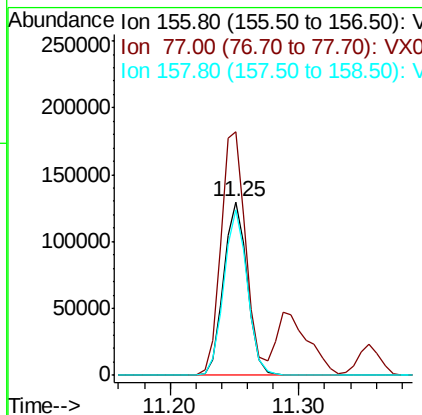
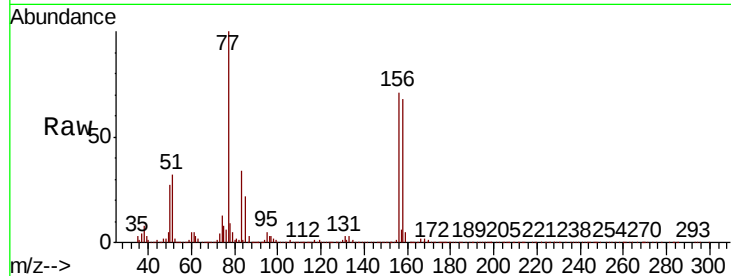
ClientSampleId :

VX1122WBS02

Tot Ion:	156	Resp:	168054
Ion Ratio	Lower	Upper	
156	100		
77	147.5	75.8	227.4
158	94.9	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.497 ug/l

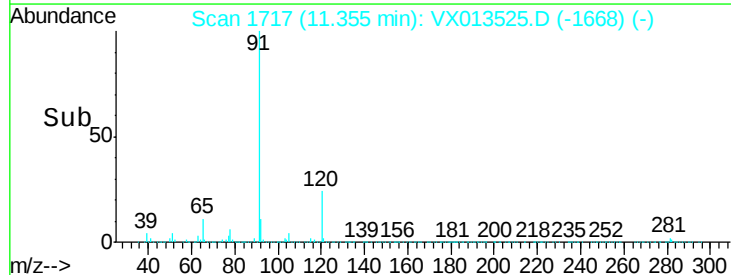
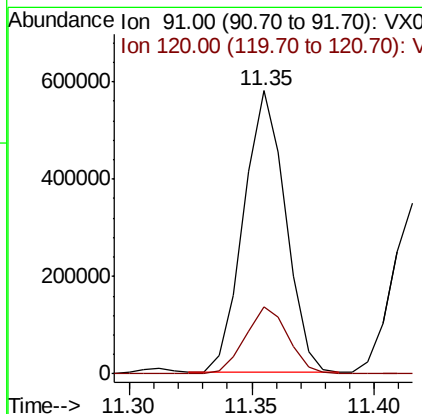
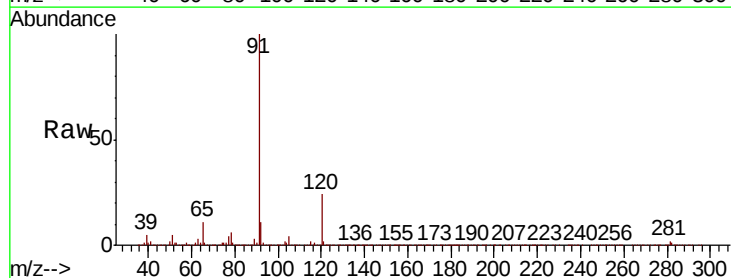
RT: 11.35 min Scan# 1717

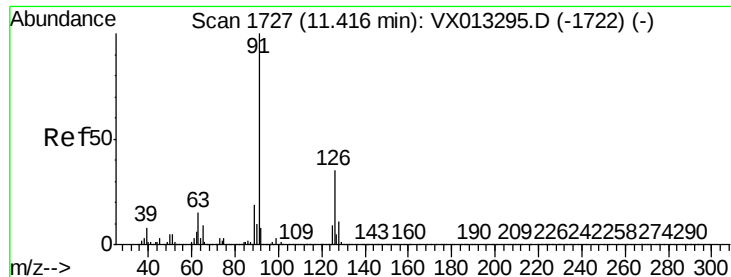
Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Tgt Ion:	91	Resp:	691466
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.6	34.8





#79

2-Chlorotoluene

Concen: 19.764 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

Tot Ion: 91 Resp: 422318

Ion Ratio Lower Upper

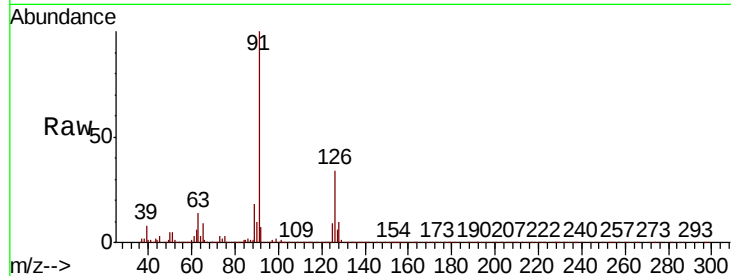
91 100

126 35.2 17.3 52.0

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Abundance Ion 91.00 (90.70 to 91.70): VX013295.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013295.D (-1722) (-)

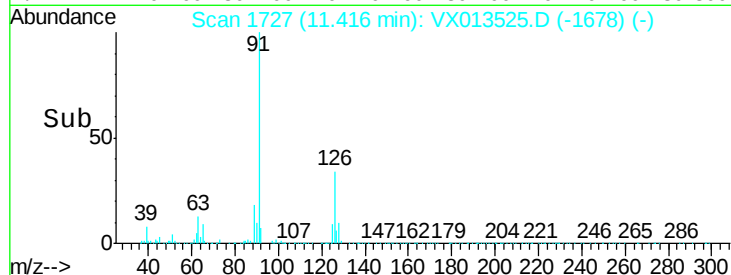
600000

400000

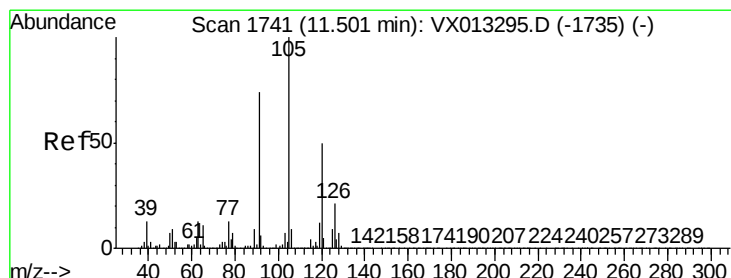
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.818 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013525.D

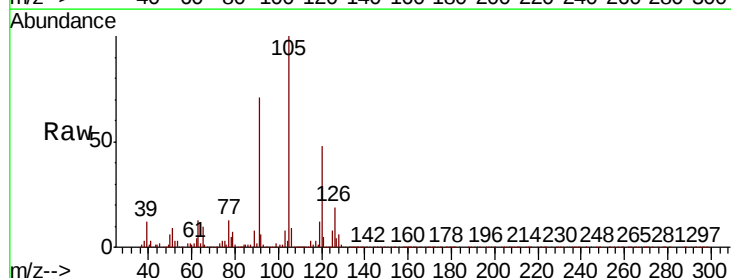
Acq: 22 Nov 2019 12:06

Tgt Ion: 105 Resp: 525543

Ion Ratio Lower Upper

105 100

120 49.3 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VX013295.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX013295.D (-1735) (-)

500000

400000

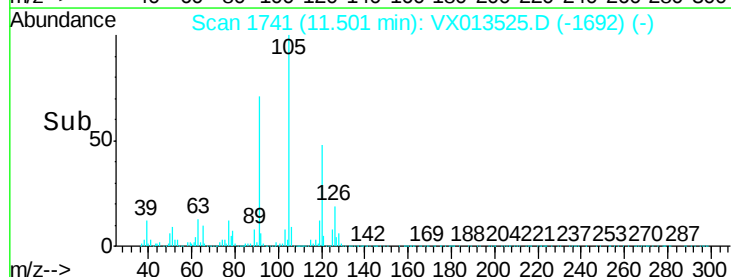
300000

200000

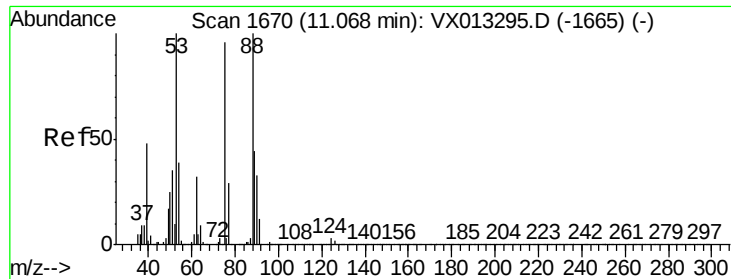
100000

0

11.45 11.50 11.55



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 18.032 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

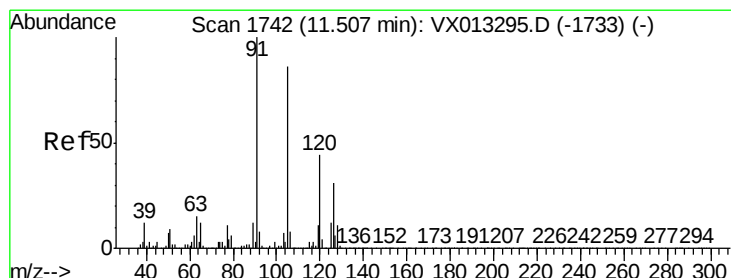
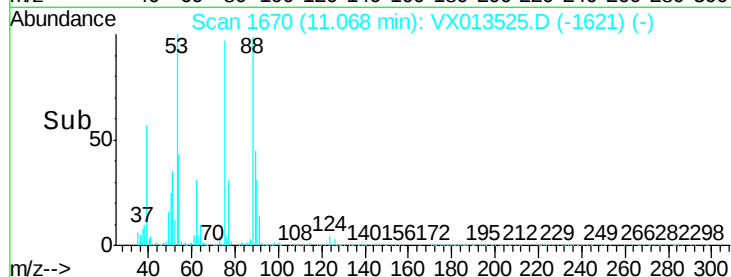
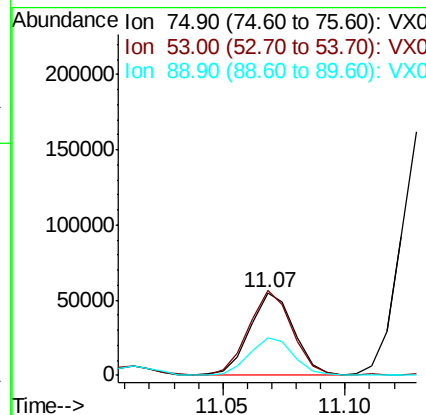
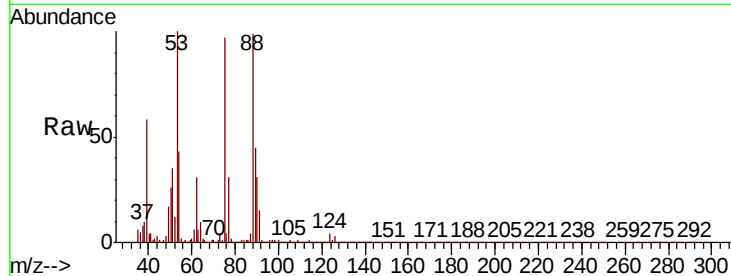
ClientSampleId :

VX1122WBS02

Tot Ion:	75	Resp:	68328
Ion Ratio	Lower	Upper	
75	100		
53	100.9	81.0	121.6
89	47.4	36.0	54.0

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#82

4-Chlorotoluene

Concen: 19.018 ug/l

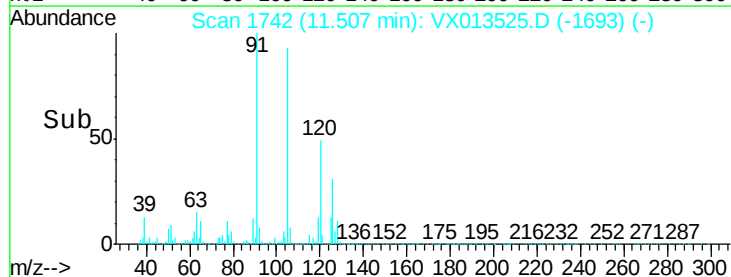
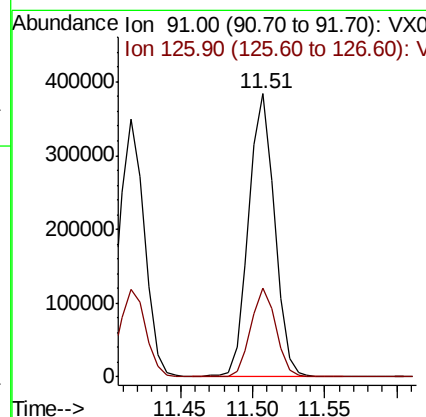
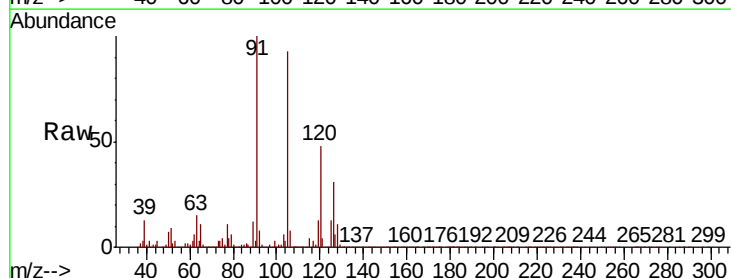
RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Tgt Ion:	91	Resp:	475682
Ion Ratio	Lower	Upper	
91	100		
126	30.3	15.3	45.8





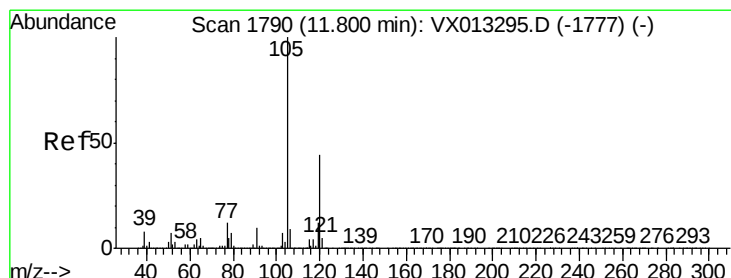
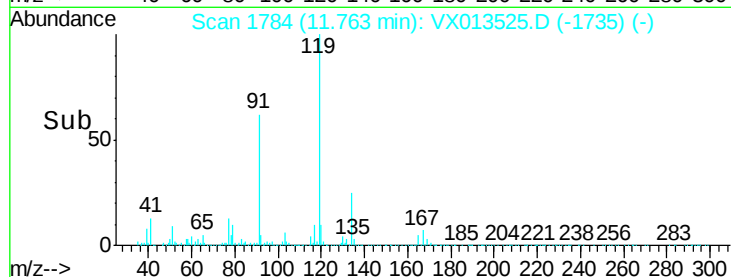
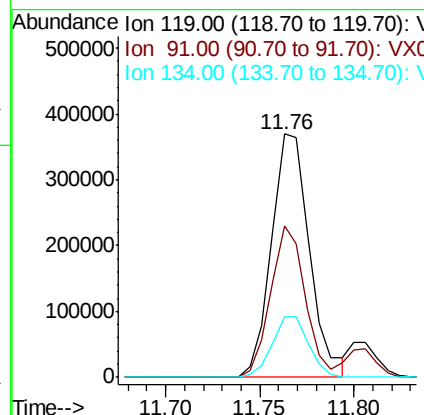
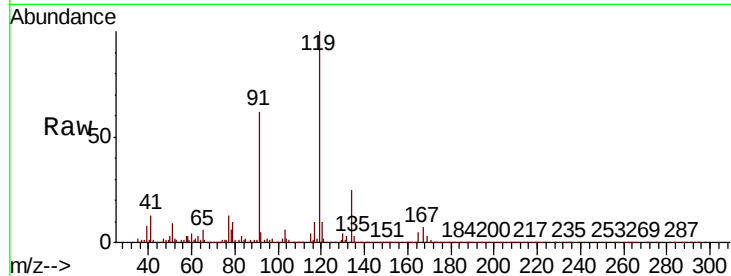
#83
tert-Butylbenzene
Concen: 19.367 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.3	26.9	80.7
134	24.0	11.7	35.1

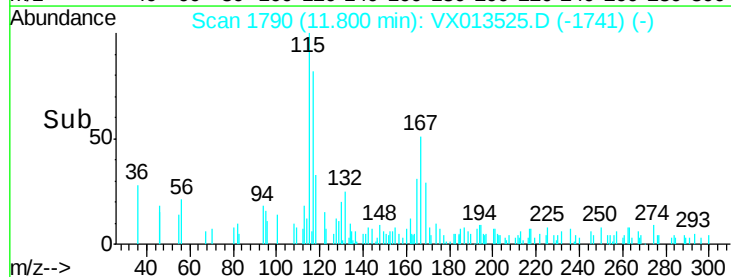
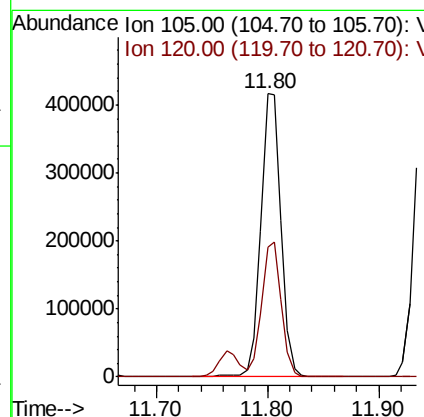
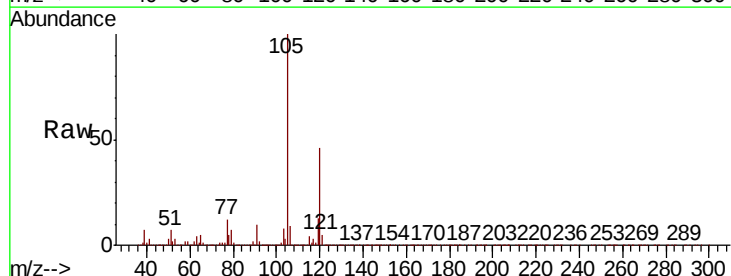
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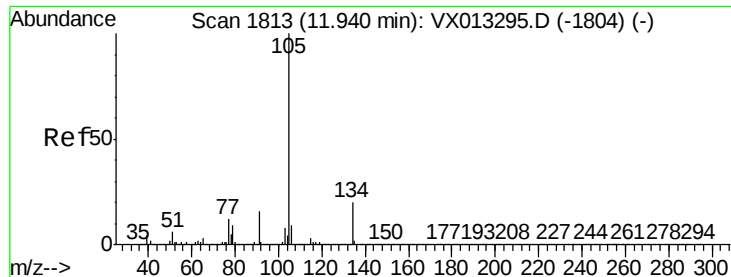
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#84
1,2,4-Trimethylbenzene
Concen: 19.755 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.7	68.1





#85

sec-Butylbenzene

Concen: 19.785 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS02

Tot Ion:105 Resp: 607007

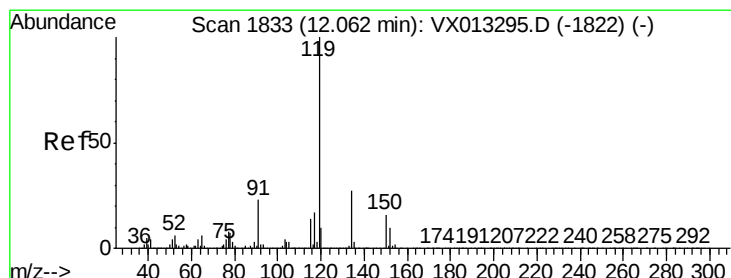
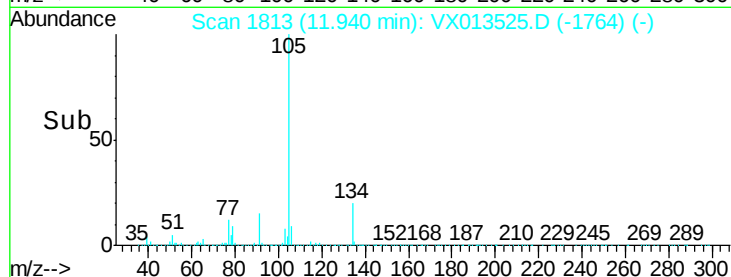
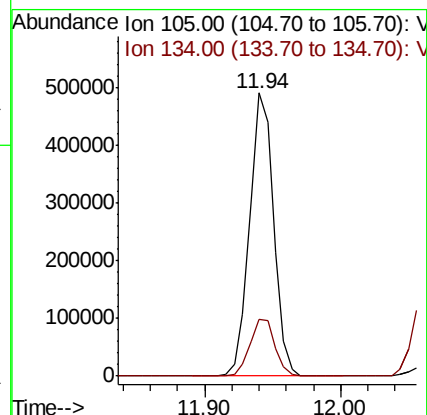
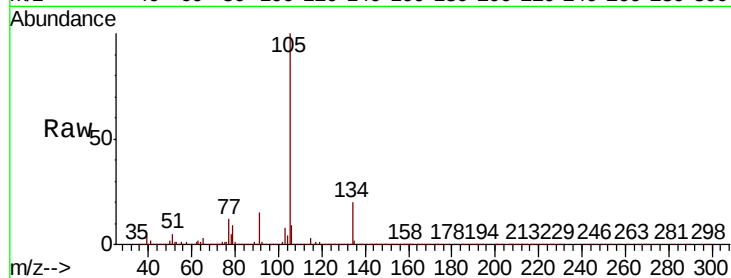
Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 19.759 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

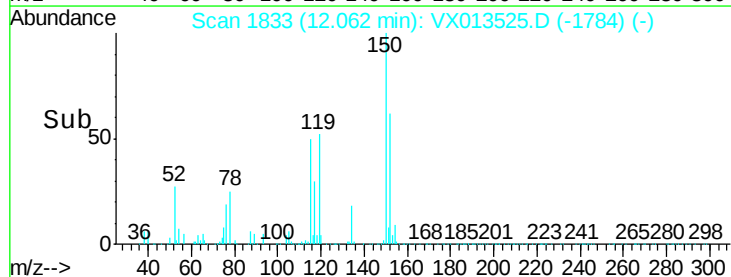
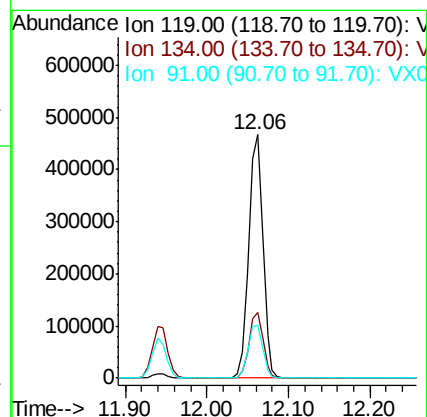
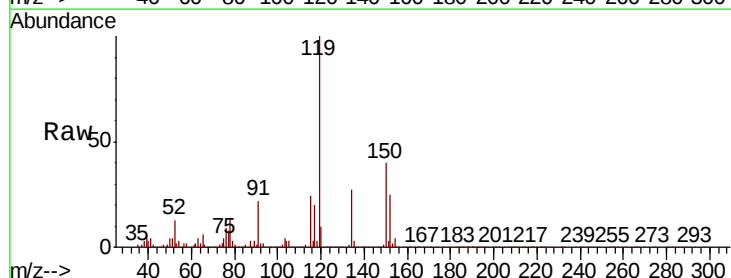
Tgt Ion:119 Resp: 558215

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 22.6 11.5 34.4





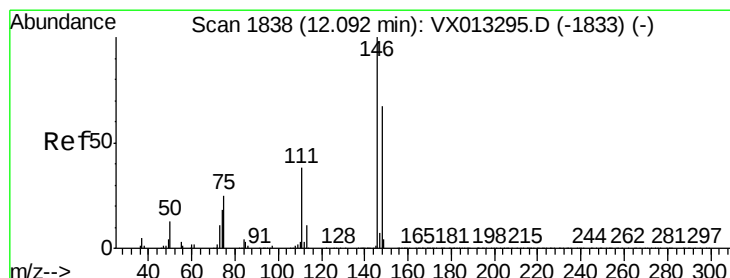
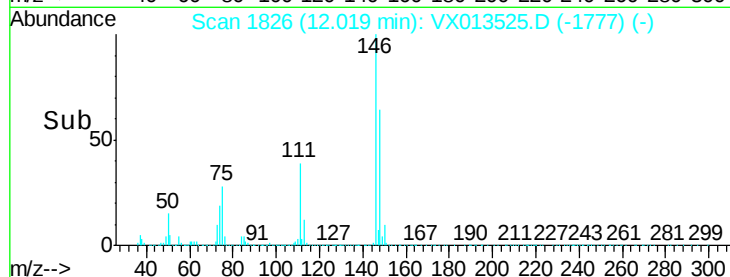
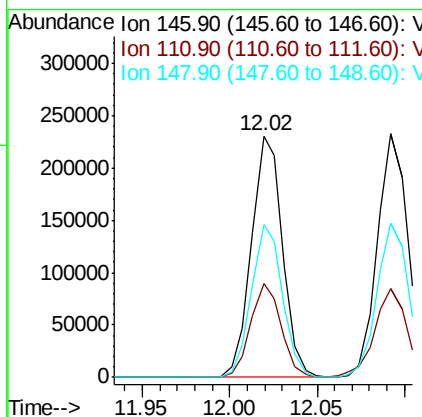
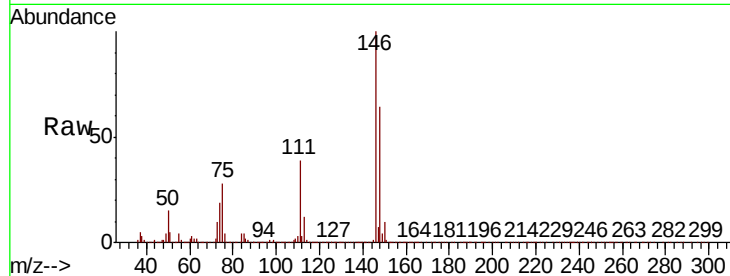
#87
 1,3-Dichlorobenzene
 Concen: 18.921 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.5
148	63.4	31.9	95.7

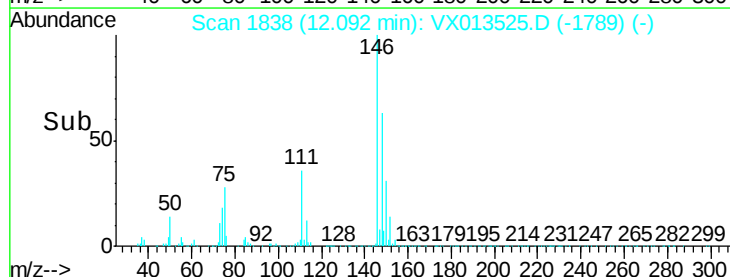
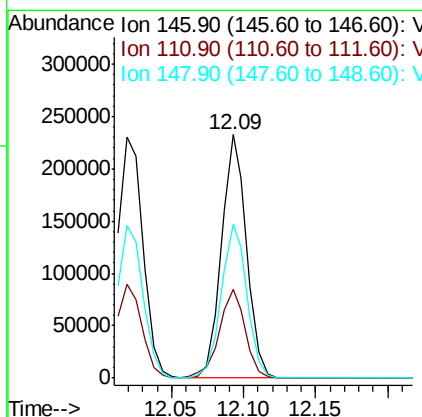
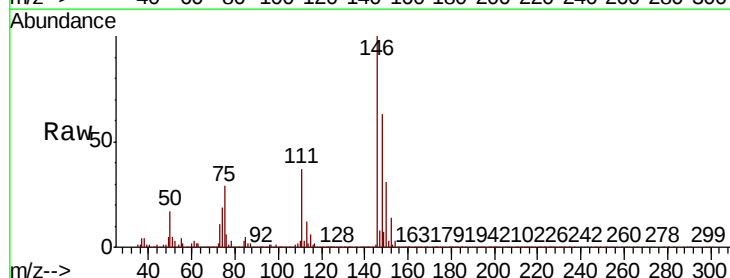
Manual Integrations
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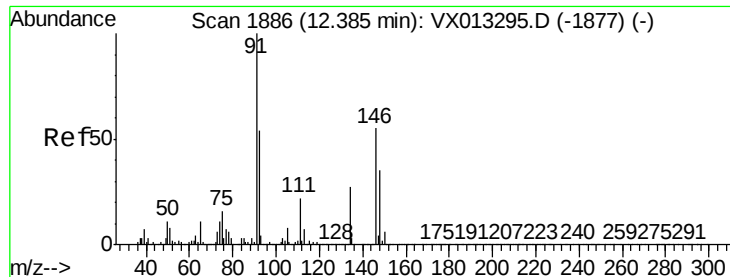
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#88
 1,4-Dichlorobenzene
 Concen: 18.390 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.8	56.4
148	65.2	32.4	97.0





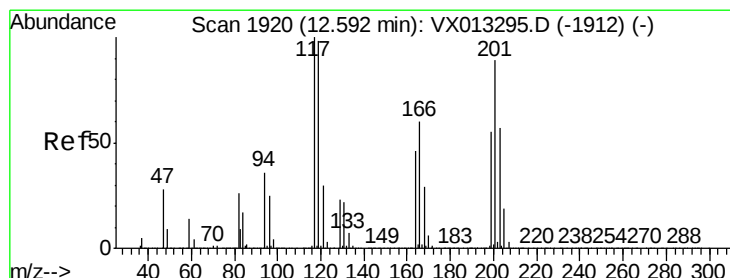
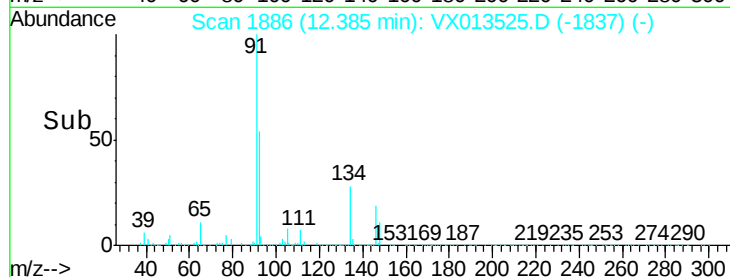
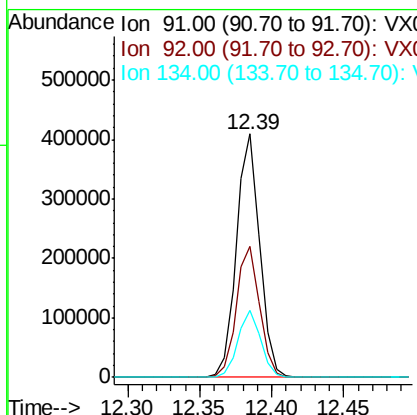
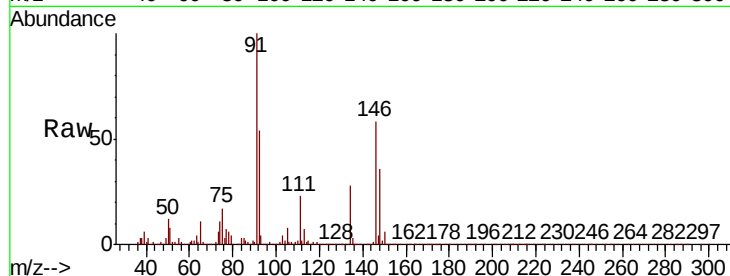
#89
n-Butylbenzene
Concen: 18.722 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.3	81.8
134	27.3	13.5	40.5

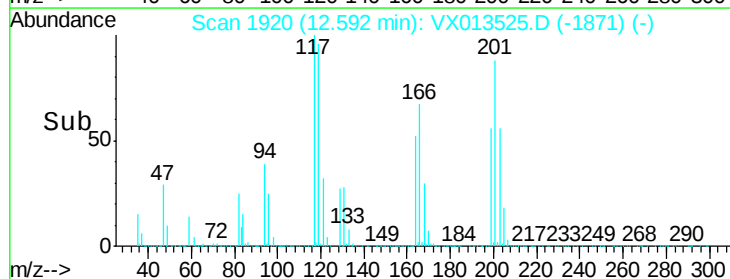
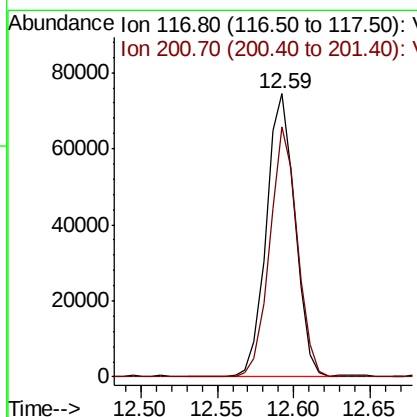
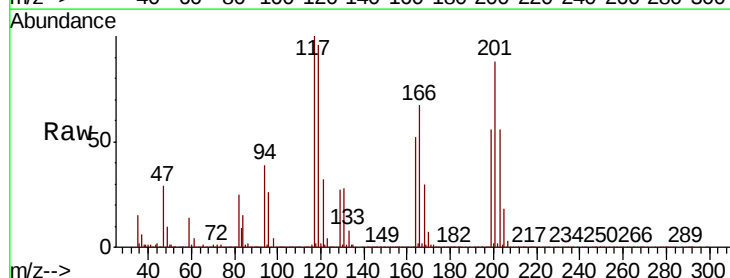
Manual Integrations
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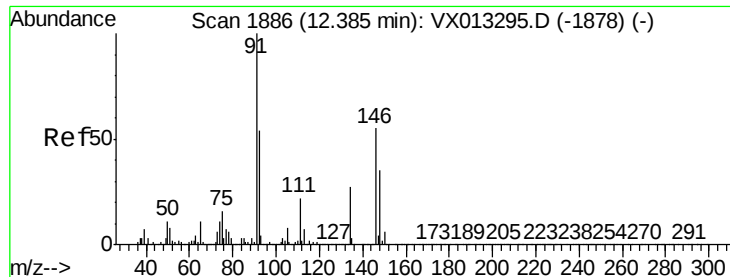
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#90
Hexachloroethane
Concen: 19.304 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013525.D
Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.3	43.9	131.7





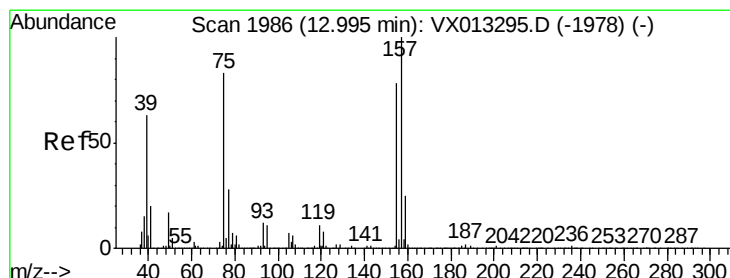
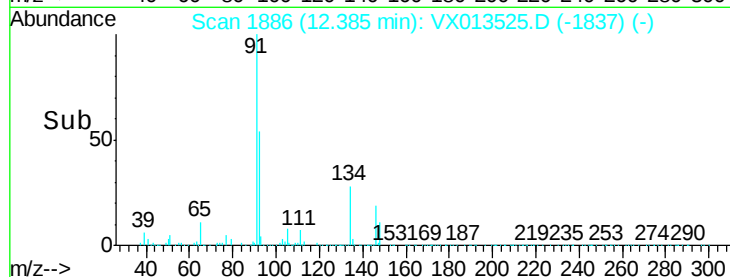
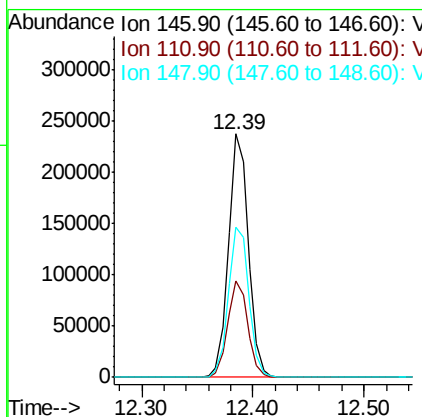
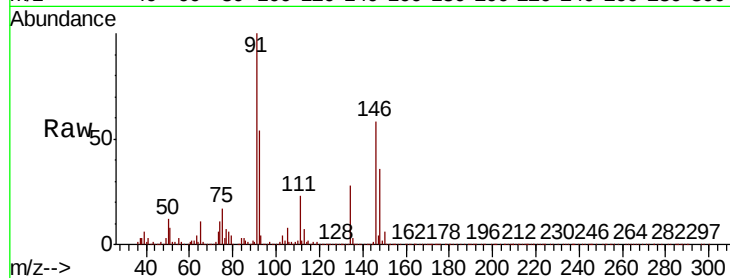
#91
 1,2-Dichlorobenzene
 Concen: 19.339 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	292460		
111	40.0	20.1	60.2	
148	63.8	32.0	96.0	

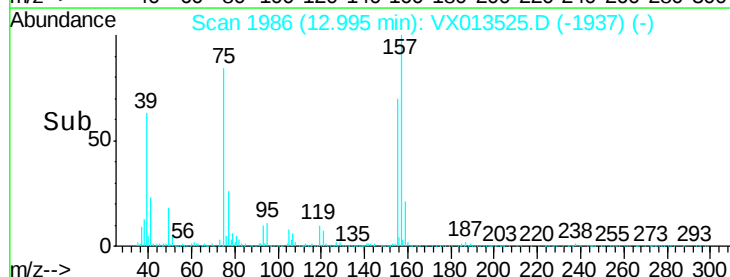
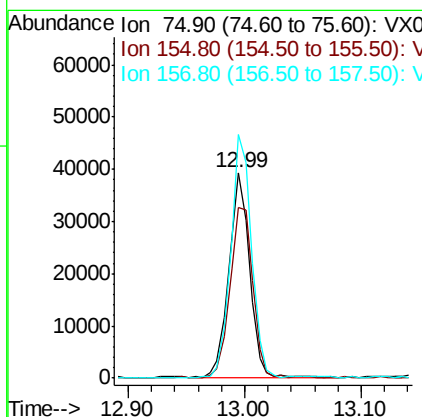
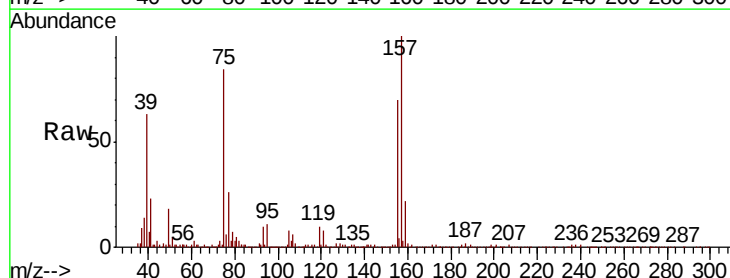
Manual Integrations
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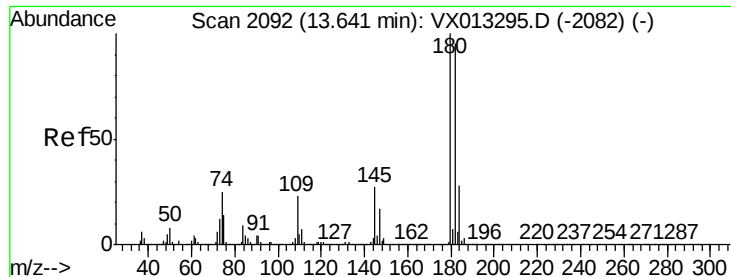
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 11/25/2019 10:40:31 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.151 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013525.D
 Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48533		
155	92.5	47.1	141.4	
157	118.9	61.3	183.8	





#93

1,2,4-Trichlorobenzene

Concen: 18.156 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

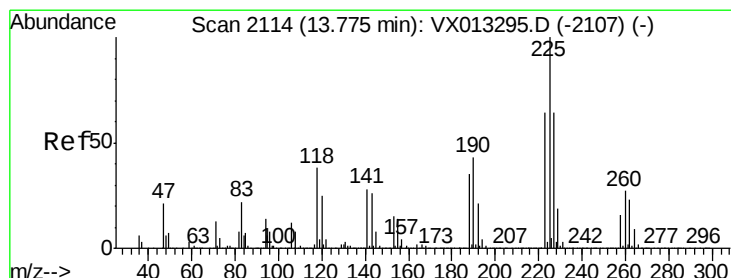
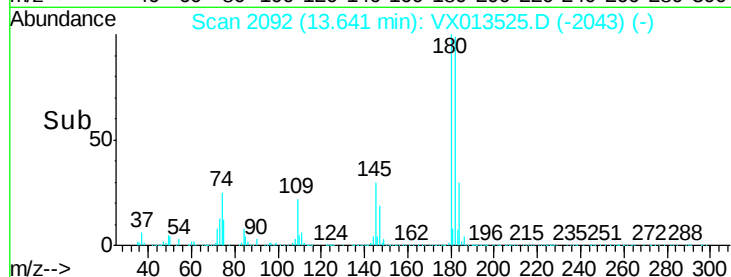
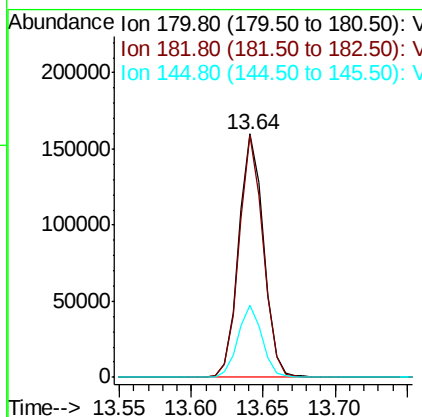
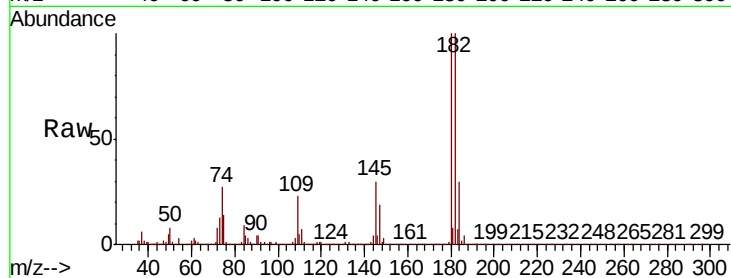
ClientSampleId :

VX1122WBS02

Tot Ion:	180	Resp:	191520
Ion Ratio	Lower	Upper	
180	100		
182	96.4	48.4	145.0
145	28.8	14.1	42.4

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 18.046 ug/l

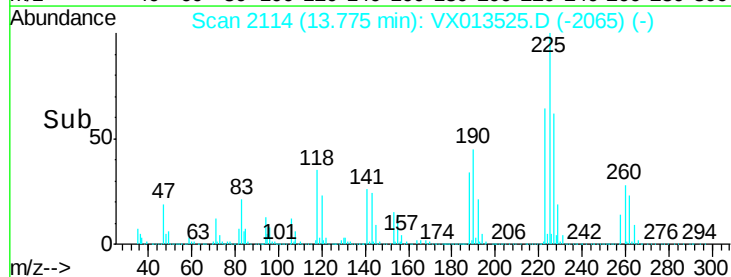
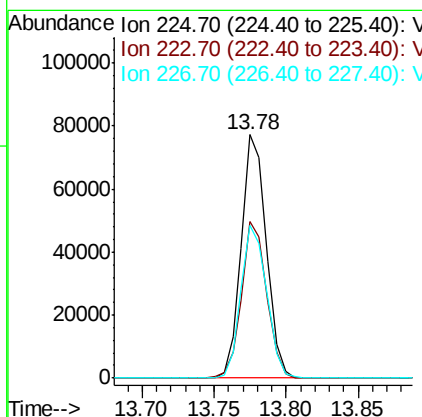
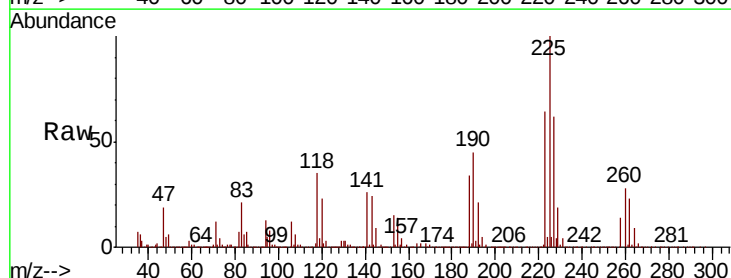
RT: 13.78 min Scan# 2114

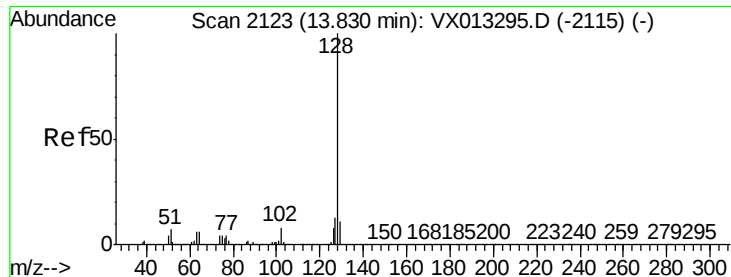
Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Tgt Ion:	225	Resp:	93134
Ion Ratio	Lower	Upper	
225	100		
223	64.2	31.9	95.7
227	64.4	31.9	95.9





#95

Naphthalene

Concen: 18.438 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Instrument :

MSVOA_X

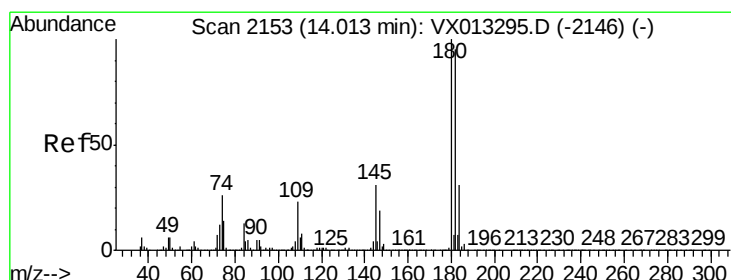
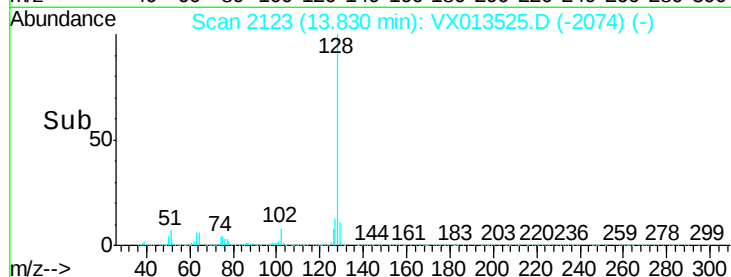
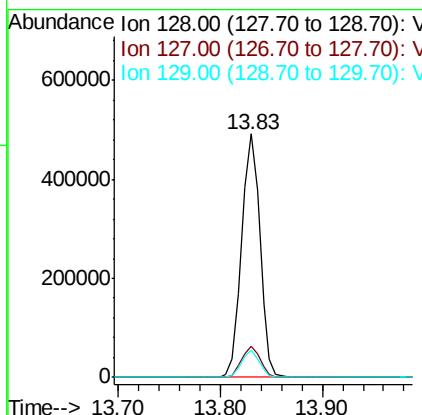
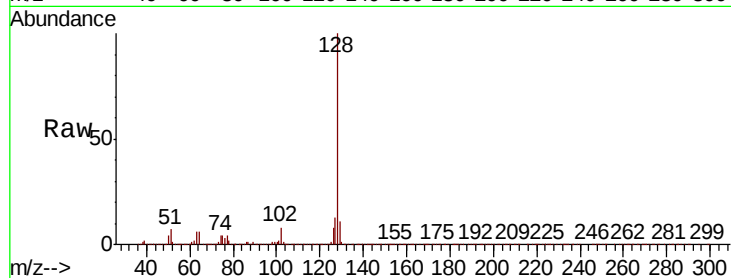
ClientSampleId :

VX1122WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.7	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/25/2019 10:40:31 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.369 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013525.D

Acq: 22 Nov 2019 12:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	48.0	144.2
145	31.0	15.4	46.4

