

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013582.D
 Acq On : 25 Nov 2019 15:37
 Operator : JC/SP
 Sample : VX1125WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBS01

Manual Integrations
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 11/27/2019 12:13:22 PM

Quant Time: Nov 25 16:27:51 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	621950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	965984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	864853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	436289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	365064	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	5.48	113	306004	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.71	98	1130789	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	412534	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	106755	14.897	ug/l	100
3) Chloromethane	1.32	50	130443	16.785	ug/l	99
4) Vinyl Chloride	1.40	62	150812	17.046	ug/l	97
5) Bromomethane	1.63	94	90515	14.681	ug/l	97
6) Chloroethane	1.72	64	89462	16.901	ug/l	99
7) Trichlorofluoromethane	1.92	101	174642	16.708	ug/l	98
8) Diethyl Ether	2.18	74	86678	18.752	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107512	18.454	ug/l	98
10) Methyl Iodide	2.50	142	120273	16.675	ug/l	99
11) Tert butyl alcohol	3.03	59	176198	90.727	ug/l	97
12) 1,1-Dichloroethene	2.37	96	108376	18.996	ug/l	98
13) Acrolein	2.28	56	146439	139.129	ug/l	95
14) Allyl chloride	2.72	41	200069	19.301	ug/l	95
15) Acrylonitrile	3.13	53	373961	103.085	ug/l	98
16) Acetone	2.43	43	346372	94.246	ug/l	99
17) Carbon Disulfide	2.56	76	236998	15.521	ug/l	99
18) Methyl Acetate	2.76	43	217500	21.436	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	404007	21.232	ug/l	96
20) Methylene Chloride	2.85	84	128129	18.869	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	113793	18.319	ug/l	93
22) Diisopropyl ether	3.84	45	430043	21.489	ug/l	98
23) Vinyl Acetate	3.80	43	1722660	100.596	ug/l	100
24) 1,1-Dichloroethane	3.69	63	225831	20.172	ug/l	99
25) 2-Butanone	4.65	43	535491	99.320	ug/l	98
26) 2,2-Dichloropropane	4.58	77	177871	19.972	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	140293	20.162	ug/l	98
28) Bromochloromethane	5.00	49	71218	22.405	ug/l	98
29) Tetrahydrofuran	5.11	42	325759	98.046	ug/l	98
30) Chloroform	5.20	83	227427	20.573	ug/l	97
31) Cyclohexane	5.56	56	172258	17.100	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	179445	18.862	ug/l	99
36) 1,1-Dichloropropene	5.79	75	151331	18.261	ug/l	99
37) Ethyl Acetate	4.82	43	197535	19.291	ug/l	98
38) Carbon Tetrachloride	5.78	117	148040	18.268	ug/l	97

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 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	178752	17.311	ug/l	99
40) Benzene	6.14	78	497533	19.274	ug/l	99
41) Methacrylonitrile	5.03	41	116528	20.303	ug/l	97
42) 1,2-Dichloroethane	6.18	62	182092	19.556	ug/l	100
43) Isopropyl Acetate	6.43	43	323734	20.303	ug/l	100
44) Trichloroethene	7.21	130	130455	18.360	ug/l	97
45) 1,2-Dichloropropane	7.51	63	135152	20.549	ug/l	99
46) Dibromomethane	7.65	93	87096	19.395	ug/l	97
47) Bromodichloromethane	7.89	83	167043	19.726	ug/l	97
48) Methyl methacrylate	7.76	41	158286	19.886	ug/l	97
49) 1,4-Dioxane	7.73	88	66724	366.047	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1047938	100.171	ug/l	100
52) Toluene	8.78	92	310041	19.379	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	185030	19.982	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	207525	20.035	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	134091	20.220	ug/l	97
56) Ethyl methacrylate	9.17	69	213116	19.799	ug/l	96
57) 1,3-Dichloropropane	9.37	76	226429	20.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	463266	102.170	ug/l	100
59) 2-Hexanone	9.48	43	802638	99.282	ug/l	100
60) Dibromochloromethane	9.58	129	135307	19.950	ug/l	100
61) 1,2-Dibromoethane	9.67	107	137859	19.577	ug/l	98
64) Tetrachloroethene	9.33	164	114064	18.424	ug/l	98
65) Chlorobenzene	10.14	112	338634	19.340	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	129675	20.170	ug/l	100
67) Ethyl Benzene	10.25	91	577684	19.116	ug/l	98
68) m/p-Xylenes	10.35	106	440579	38.550	ug/l	100
69) o-Xylene	10.70	106	219682	19.634	ug/l	99
70) Styrene	10.71	104	371710	19.874	ug/l	99
71) Bromoform	10.85	173	101927	19.206	ug/l	100
73) Isopropylbenzene	11.01	105	576453	19.928	ug/l	100
74) N-amyl acetate	10.89	43	281603	20.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	218266	20.683	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	197071m	22.239	ug/l	
77) Bromobenzene	11.25	156	153957	19.965	ug/l	99
78) n-propylbenzene	11.35	91	636469	19.752	ug/l	99
79) 2-Chlorotoluene	11.42	91	393305	20.259	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	476967	19.796	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65374	18.989	ug/l	99
82) 4-Chlorotoluene	11.51	91	445187	19.589	ug/l	99
83) tert-Butylbenzene	11.76	119	490475	20.222	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	488502	20.211	ug/l	99
85) sec-Butylbenzene	11.94	105	560536	20.109	ug/l	100
86) p-Isopropyltoluene	12.06	119	506875	19.747	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	268469	19.531	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	270749	19.332	ug/l	99
89) n-Butylbenzene	12.39	91	431364	19.259	ug/l	99
90) Hexachloroethane	12.59	117	88943	19.448	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	275232	20.031	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45574	17.726	ug/l	99

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ClientSampleId :
VX1125WBS01

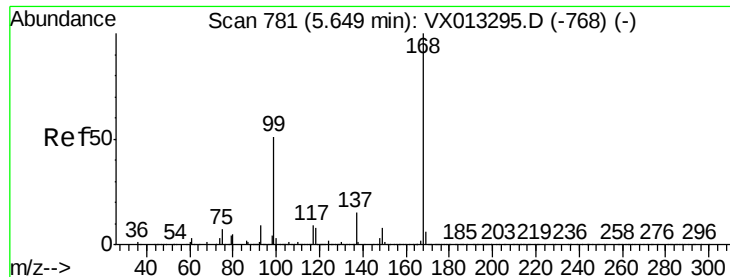
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	187807	19.595	ug/l	99
94) Hexachlorobutadiene	13.78	225	86559	18.460	ug/l	99
95) Naphthalene	13.83	128	604994	20.119	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	194750	20.261	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tot Ion:168 Resp: 621950

Ion Ratio Lower Upper

168 100

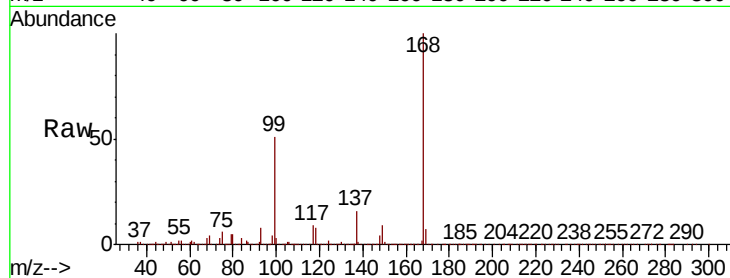
99 51.1 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

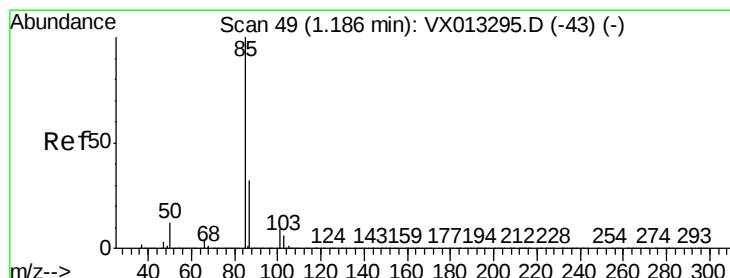
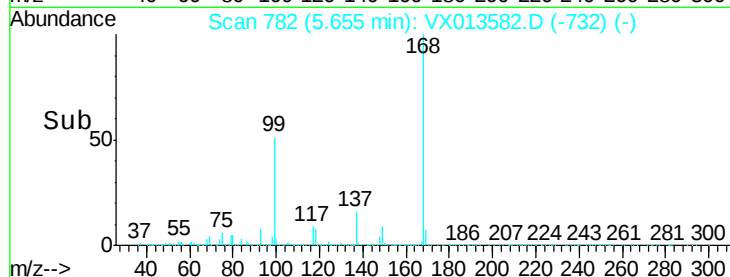
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 14.897 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013582.D

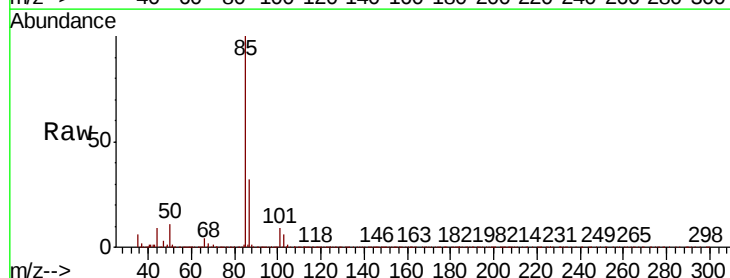
Acq: 25 Nov 2019 15:37

Tgt Ion: 85 Resp: 106755

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

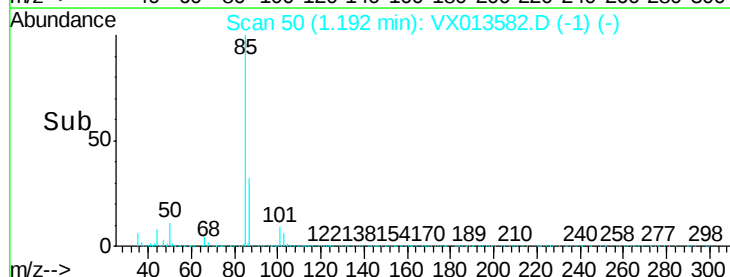
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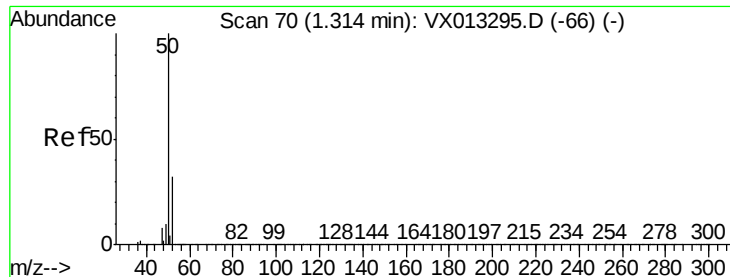
40000

20000

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Time-->





#3

Chloromethane

Concen: 16.785 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tot Ion: 50 Resp: 130443

Ion Ratio Lower Upper

50 100

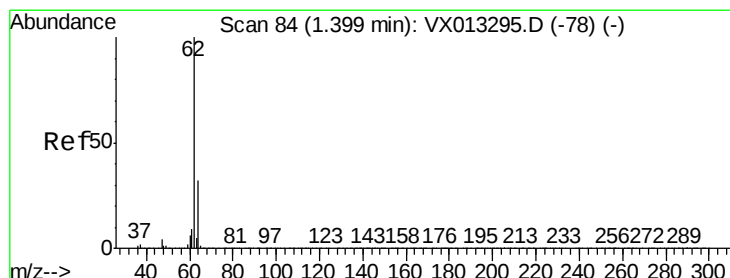
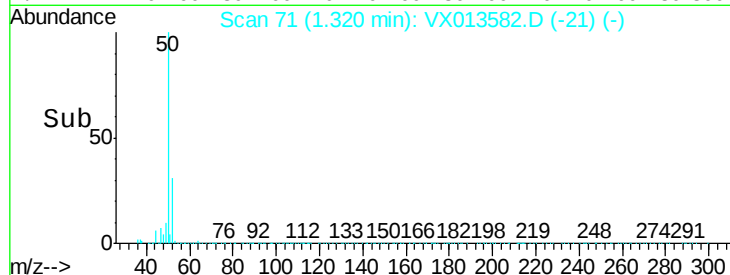
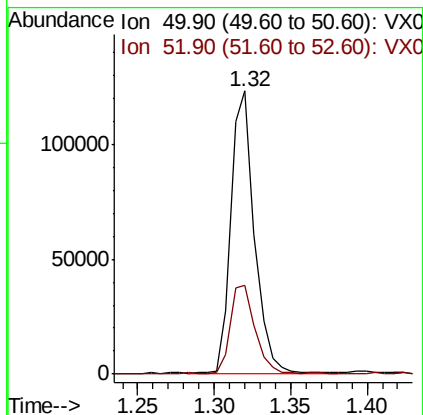
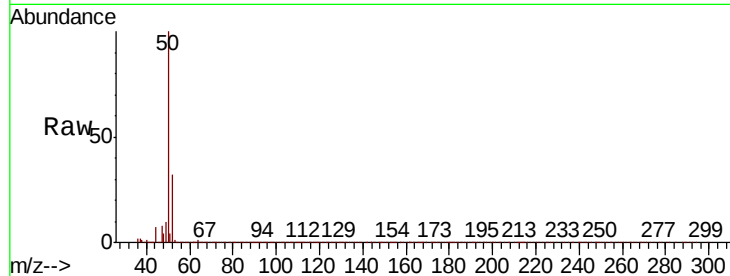
52 31.4 25.5 38.3

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#4

Vinyl Chloride

Concen: 17.046 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013582.D

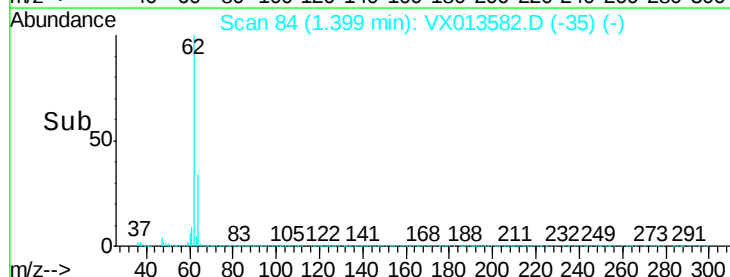
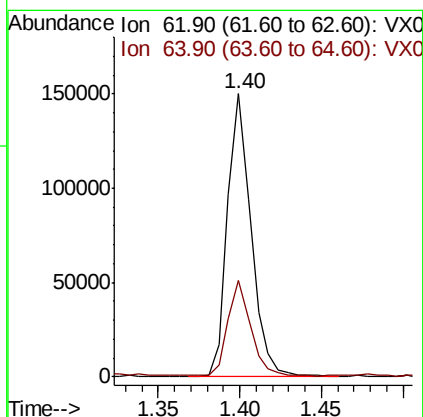
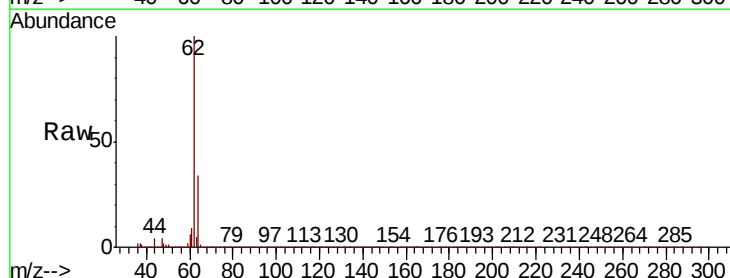
Acq: 25 Nov 2019 15:37

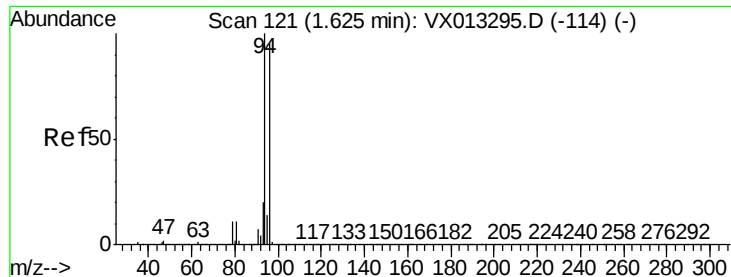
Tgt Ion: 62 Resp: 150812

Ion Ratio Lower Upper

62 100

64 33.6 25.6 38.4





#5

Bromomethane

Concen: 14.681 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tot Ion: 94 Resp: 90515

Ion Ratio Lower Upper

94 100

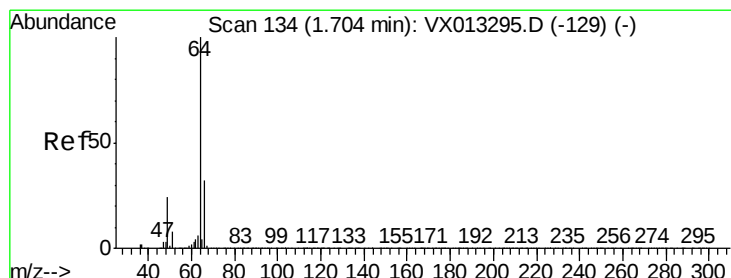
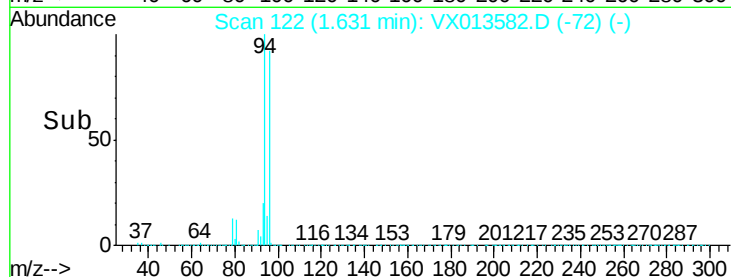
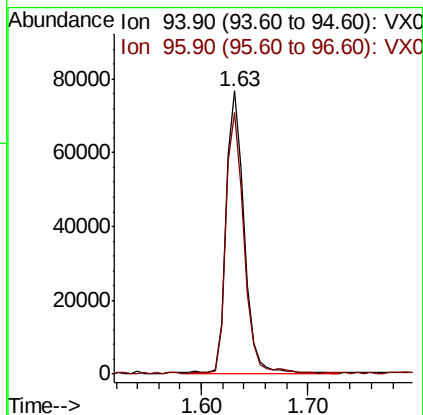
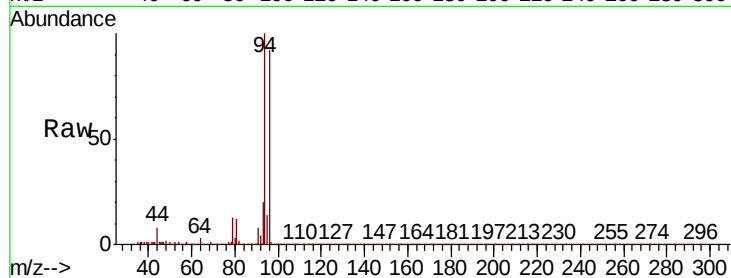
96 92.4 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 16.901 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013582.D

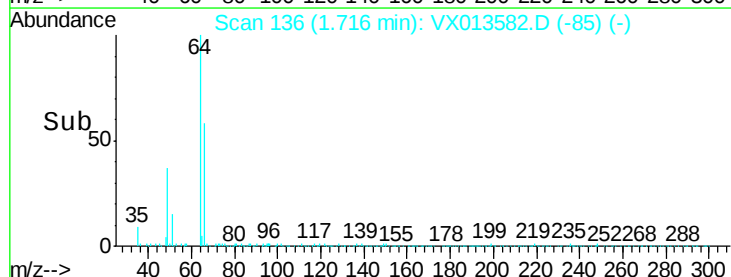
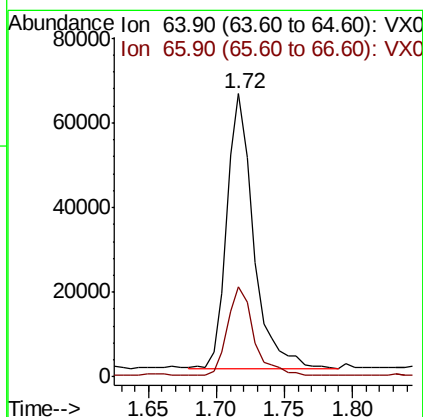
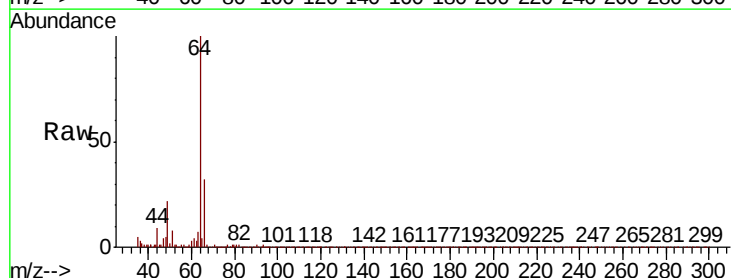
Acq: 25 Nov 2019 15:37

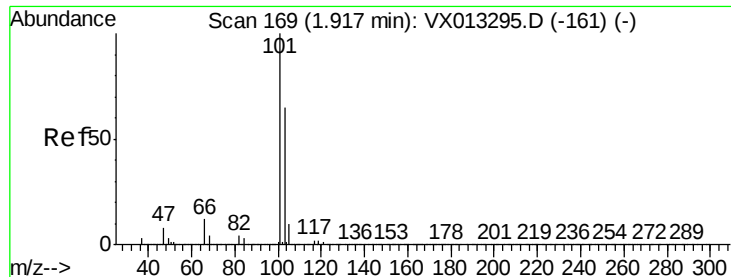
Tgt Ion: 64 Resp: 89462

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4





#7

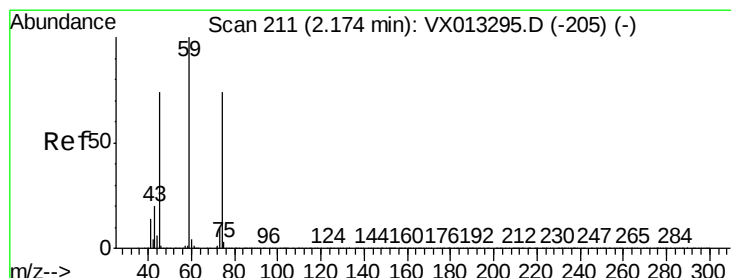
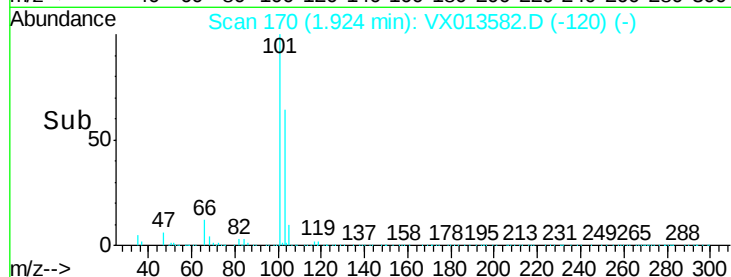
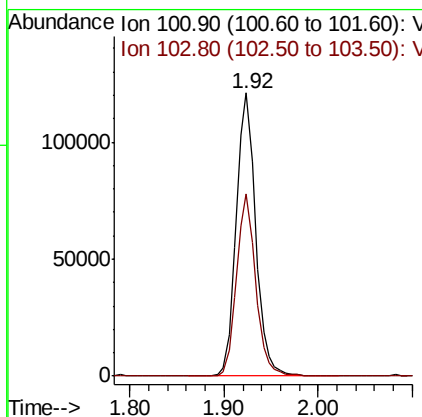
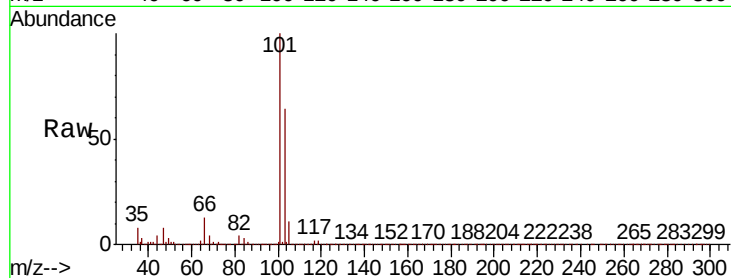
Trichlorofluoromethane
Concen: 16.708 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.3	78.5

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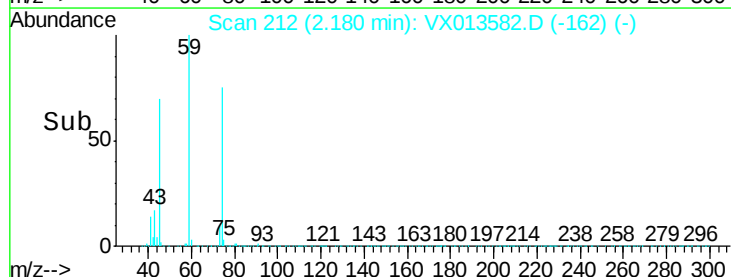
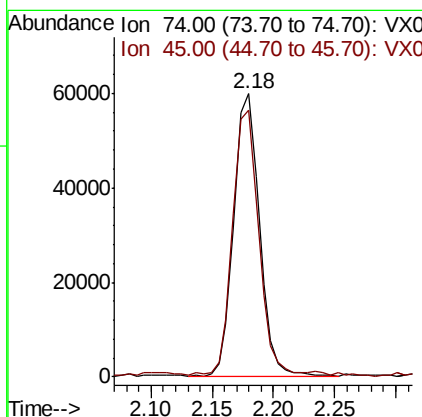
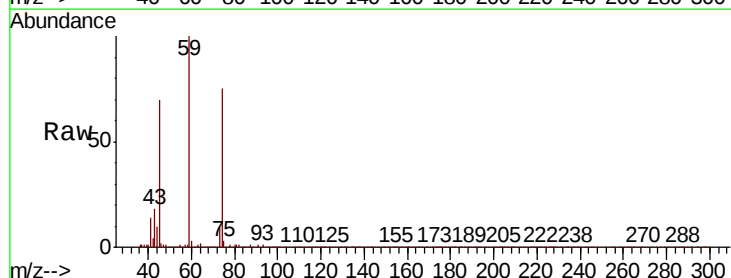
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11/27/2019 12:13:22 PM

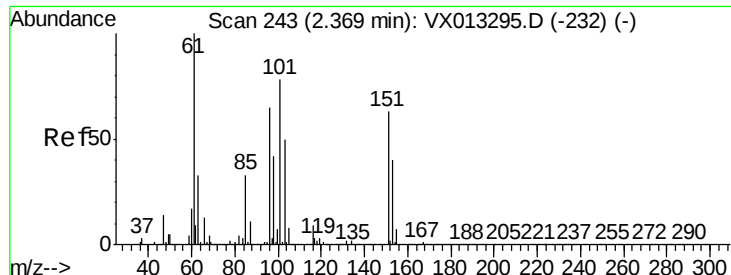


#8

Diethyl Ether
Concen: 18.752 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.454 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

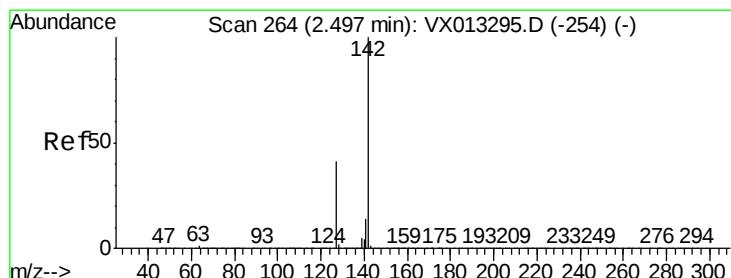
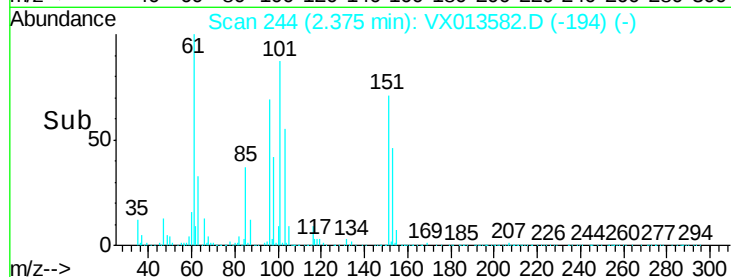
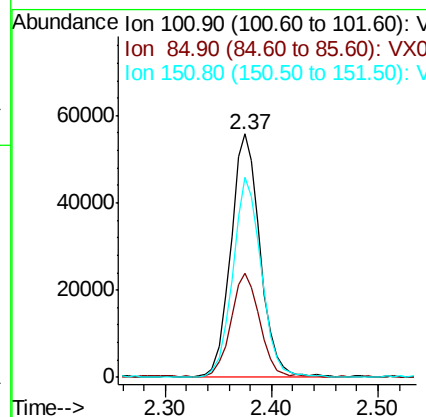
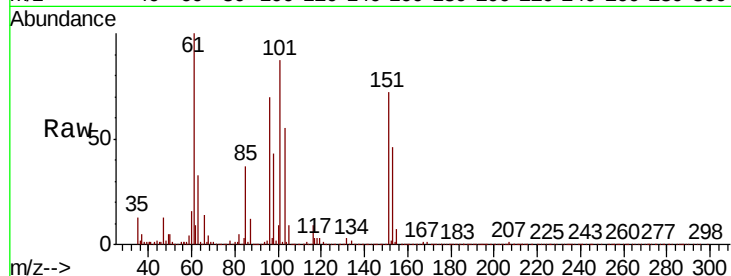
ClientSampleId :

VX1125WBS01

Tot Ion:	101	Resp:	107512
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.4	51.6
151	80.0	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 16.675 ug/l

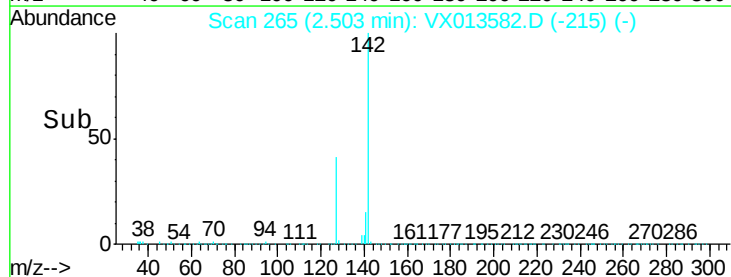
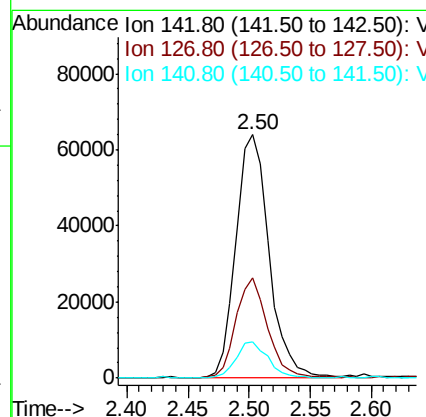
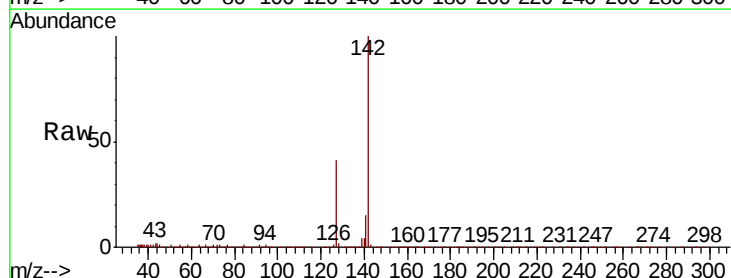
RT: 2.50 min Scan# 265

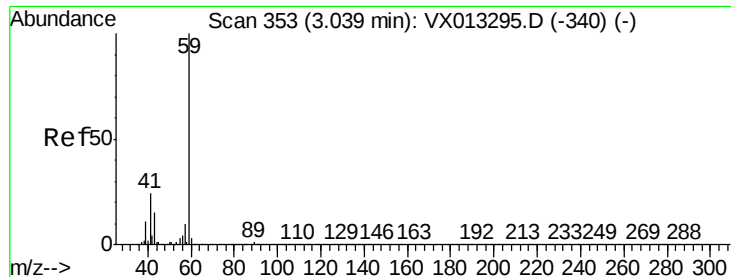
Delta R.T. 0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Tgt Ion:	142	Resp:	120273
Ion Ratio	Lower	Upper	
142	100		
127	40.2	32.6	49.0
141	14.6	11.6	17.4





#11

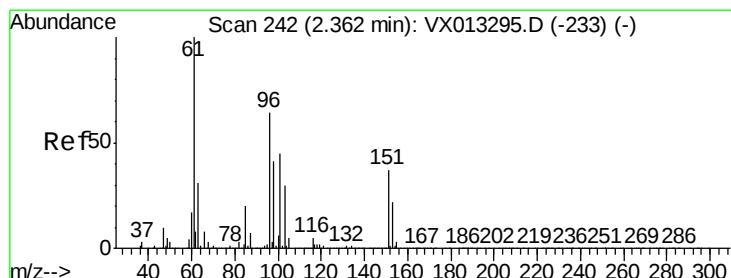
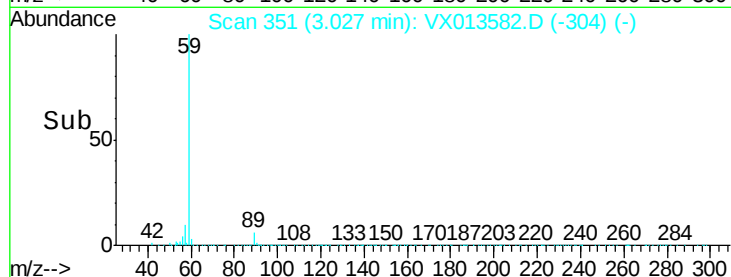
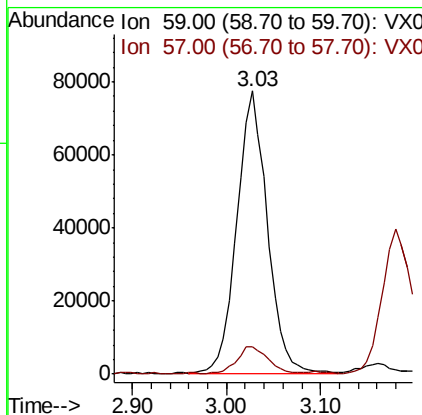
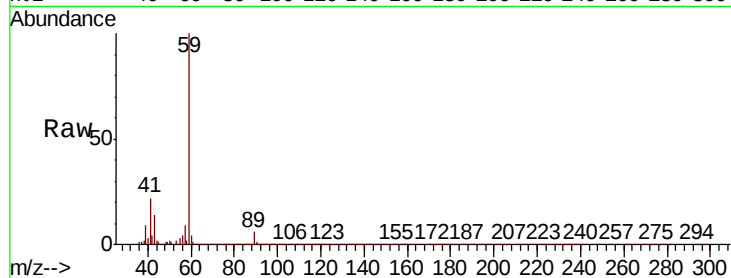
Tert butyl alcohol
Concen: 90.727 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.9	8.0	12.0

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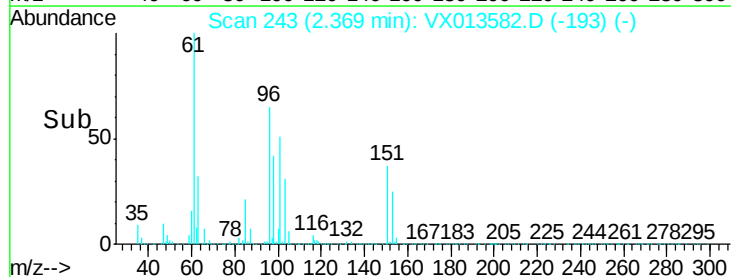
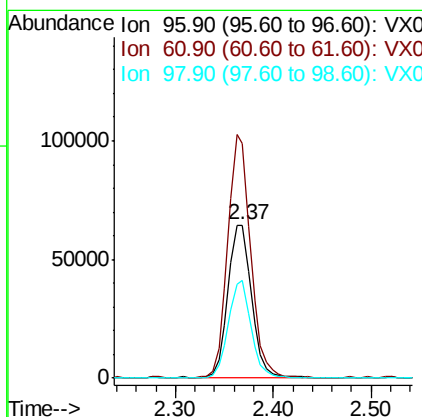
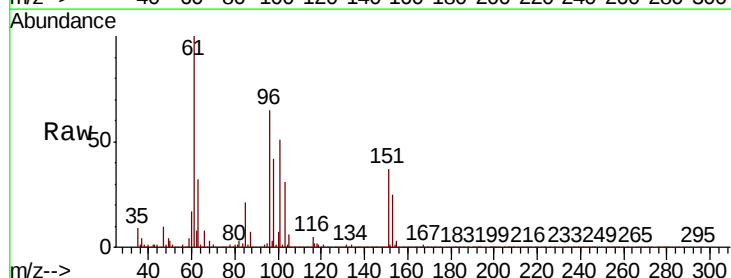
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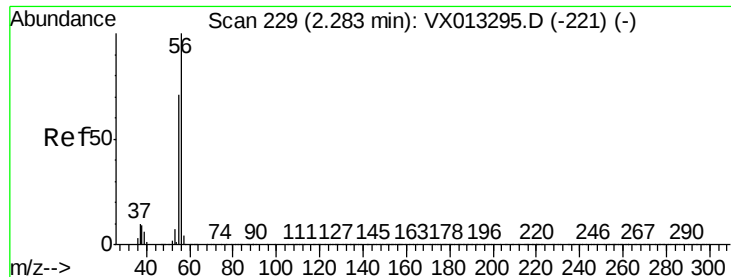


#12

1,1-Dichloroethene
Concen: 18.996 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.0	125.0	187.6
98	63.4	50.7	76.1





#13

Acrolein

Concen: 139.129 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tot Ion: 56 Resp: 146439

Ion Ratio Lower Upper

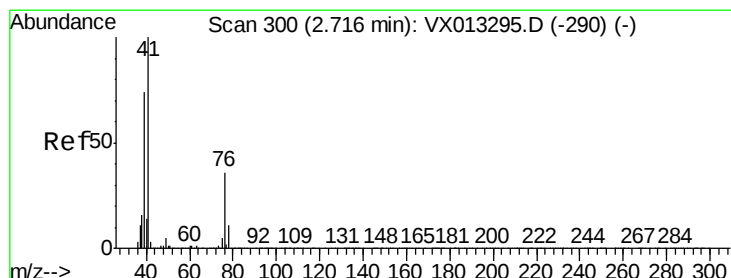
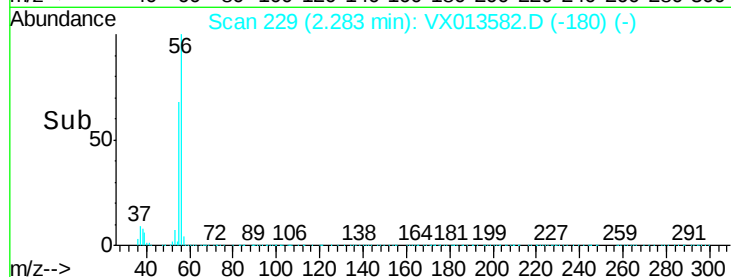
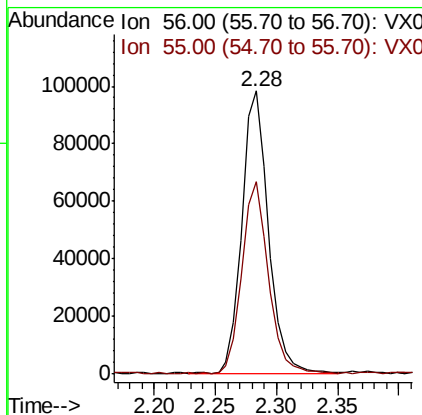
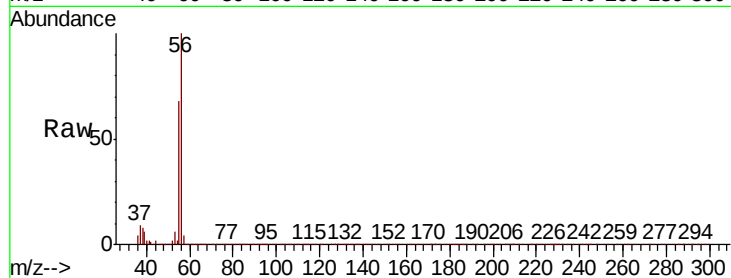
56 100

55 67.9 57.4 86.0

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#14

Allyl chloride

Concen: 19.301 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

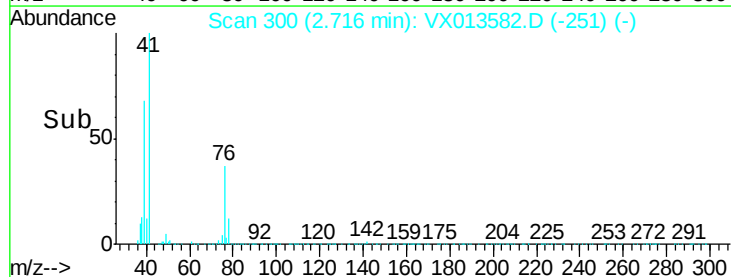
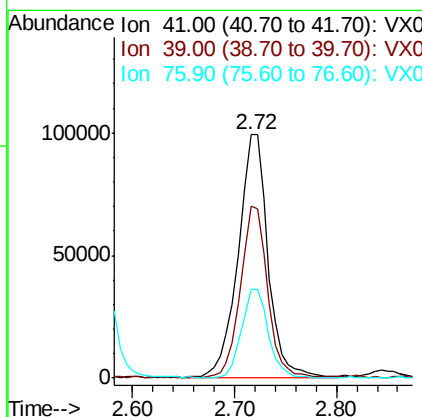
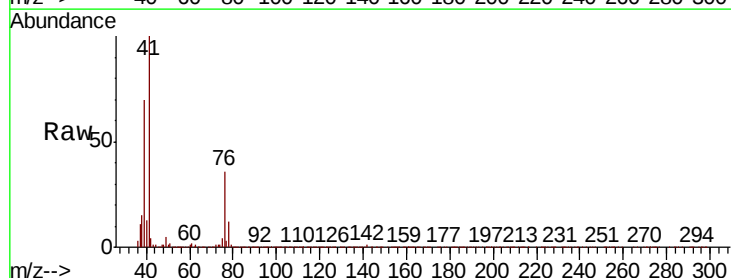
Tgt Ion: 41 Resp: 200069

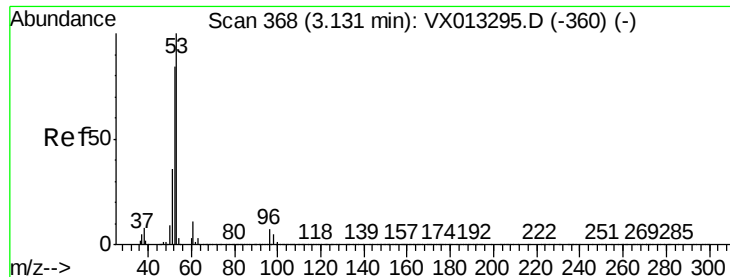
Ion Ratio Lower Upper

41 100

39 63.8 55.8 83.8

76 32.7 26.4 39.6





#15

Acrylonitrile

Concen: 103.085 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

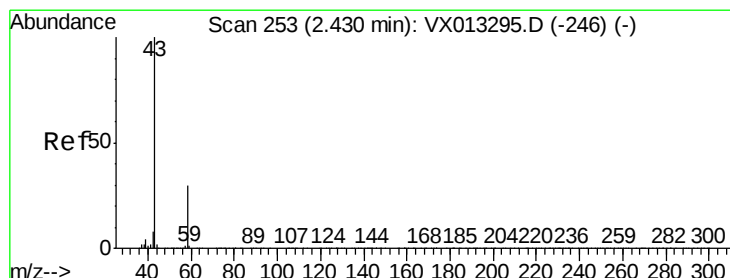
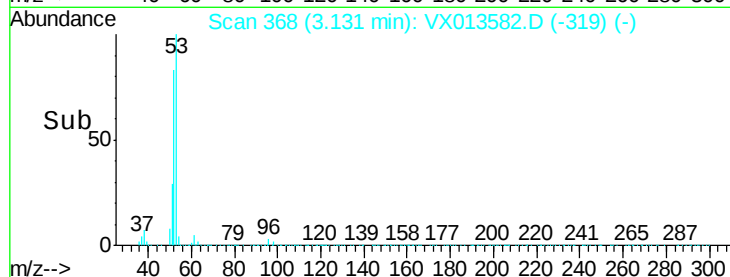
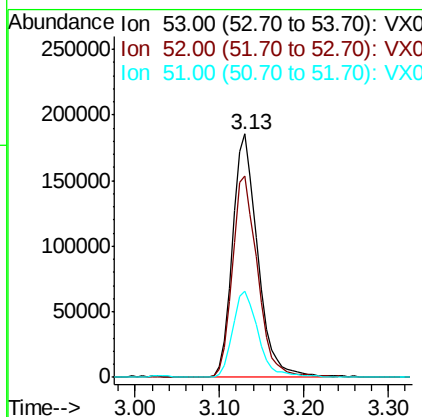
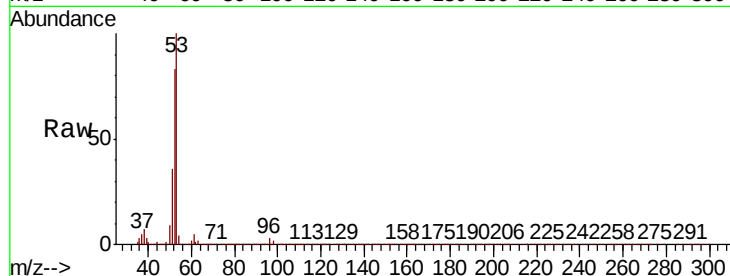
ClientSampleId :

VX1125WBS01

Tot Ion:	53	Resp:	373961
Ion Ratio		Lower	Upper
53	100		
52	82.4	67.4	101.0
51	36.0	29.4	44.2

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#16

Acetone

Concen: 94.246 ug/l

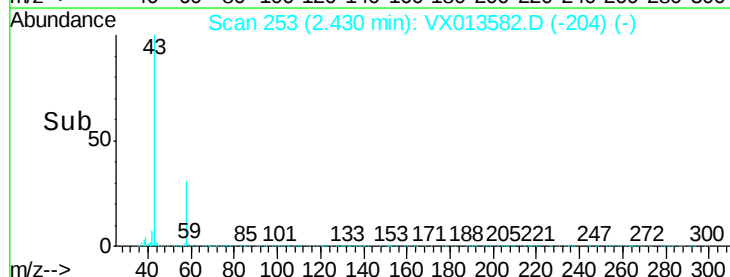
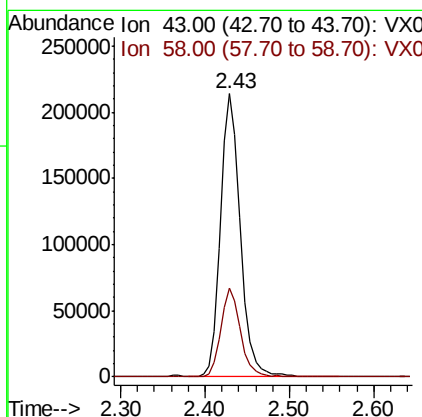
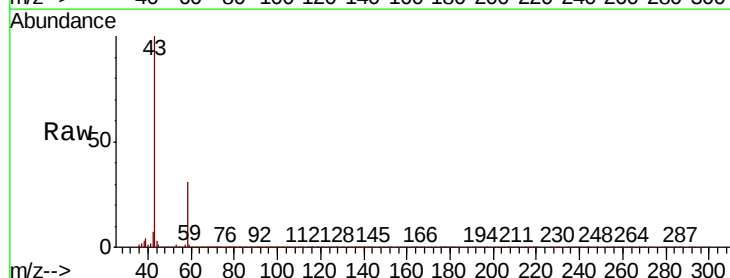
RT: 2.43 min Scan# 253

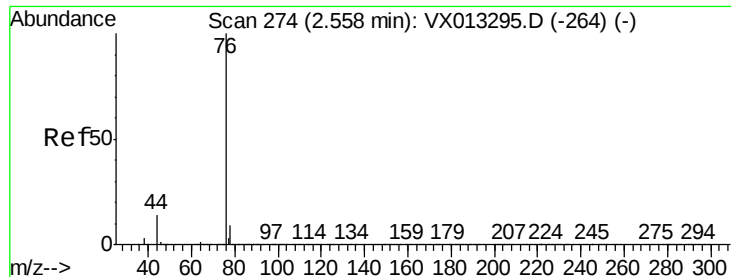
Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Tgt Ion:	43	Resp:	346372
Ion Ratio		Lower	Upper
43	100		
58	31.2	24.3	36.5





#17

Carbon Disulfide

Concen: 15.521 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tot Ion: 76 Resp: 236998

Ion Ratio Lower Upper

76 100

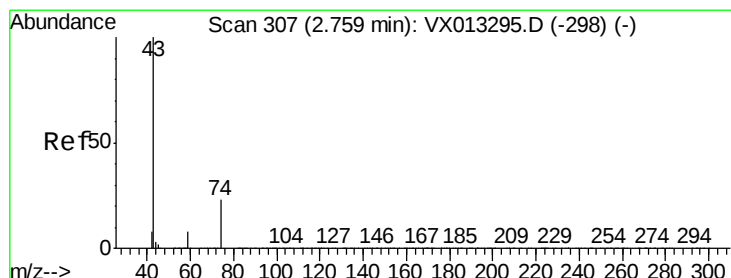
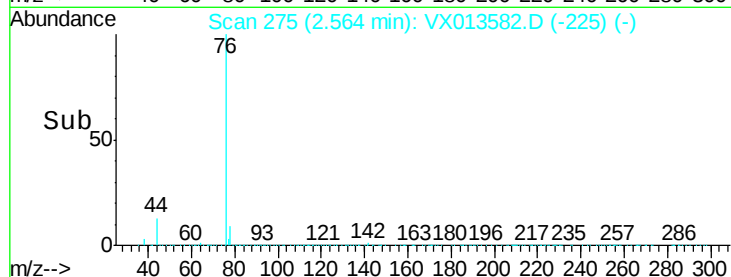
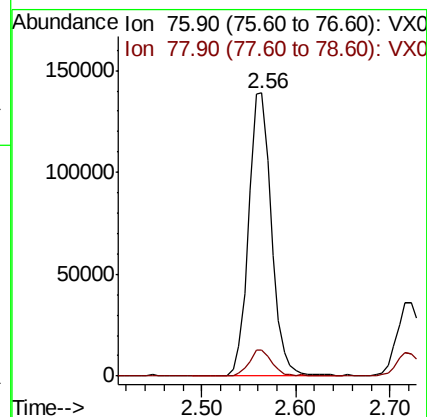
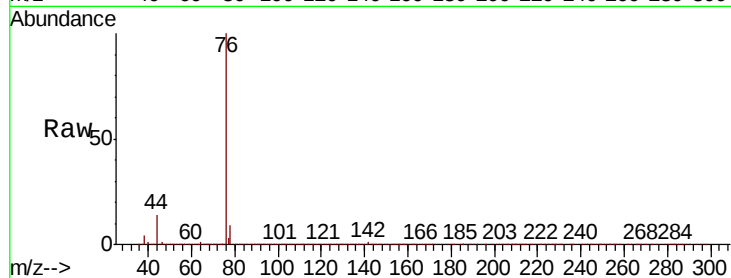
78 9.2 7.0 10.6

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#18

Methyl Acetate

Concen: 21.436 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013582.D

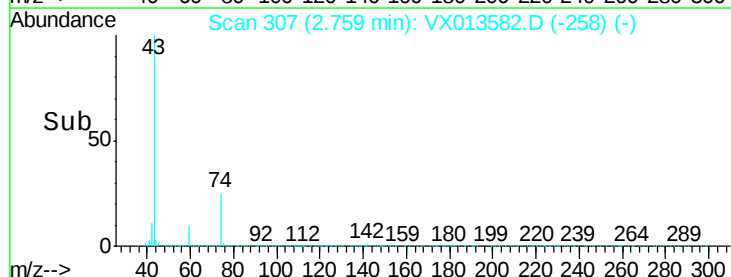
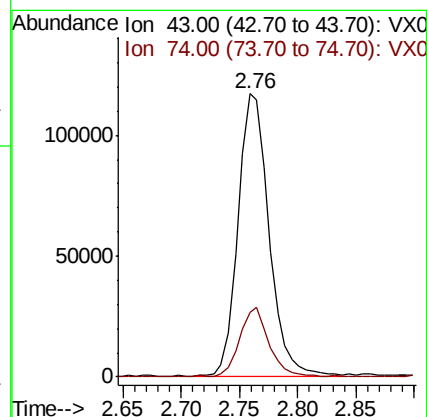
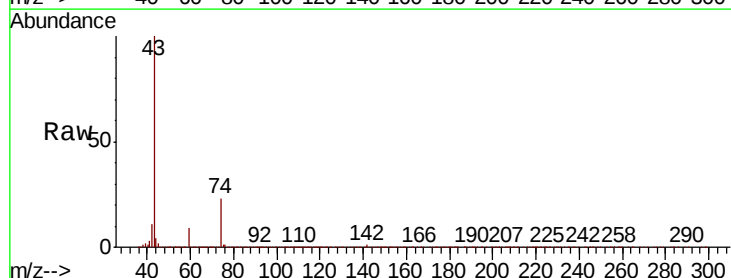
Acq: 25 Nov 2019 15:37

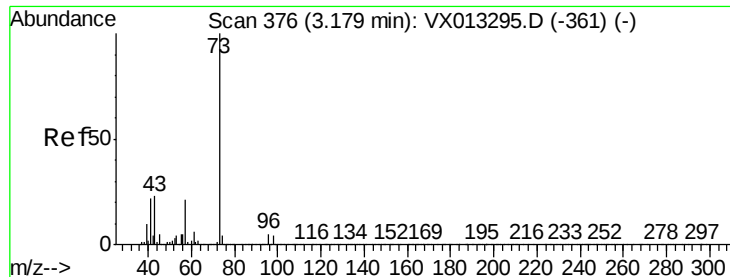
Tgt Ion: 43 Resp: 217500

Ion Ratio Lower Upper

43 100

74 22.7 19.0 28.6





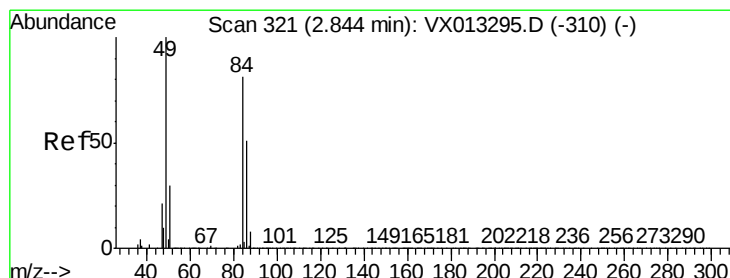
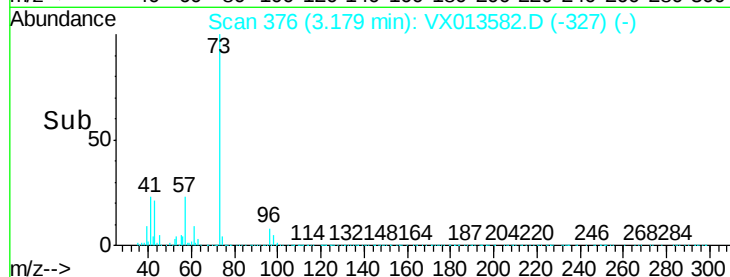
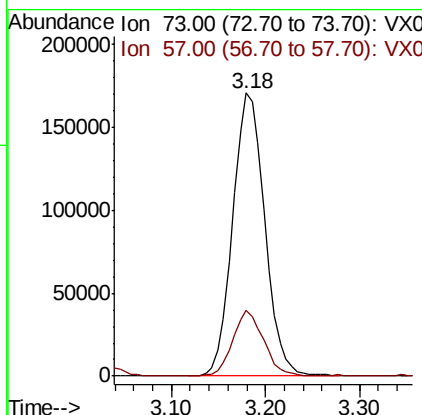
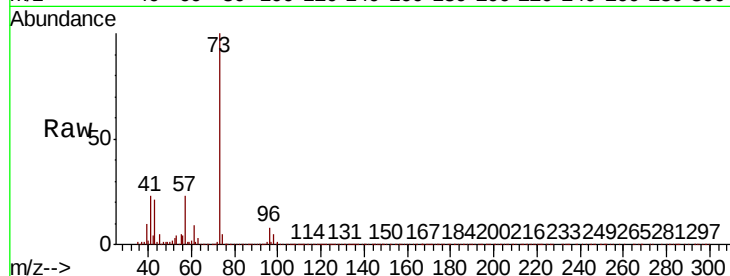
#19
Methvl tert-butvl Ether
Concen: 21.232 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.1	25.7

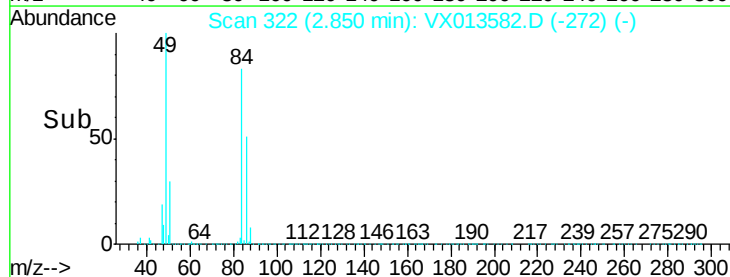
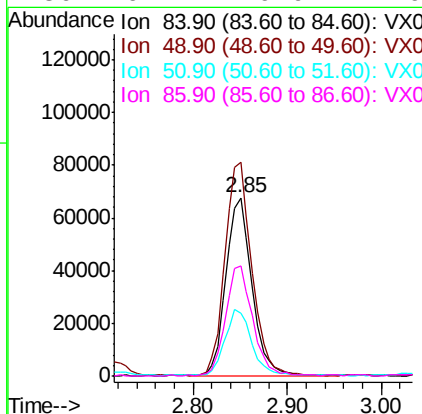
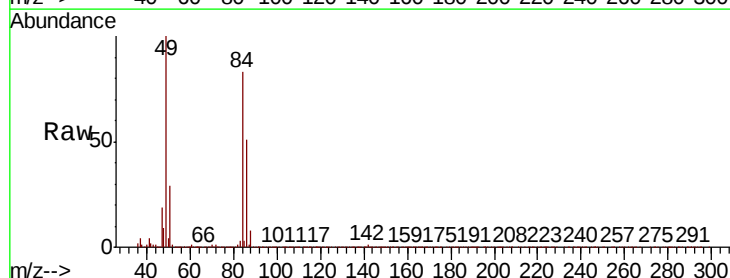
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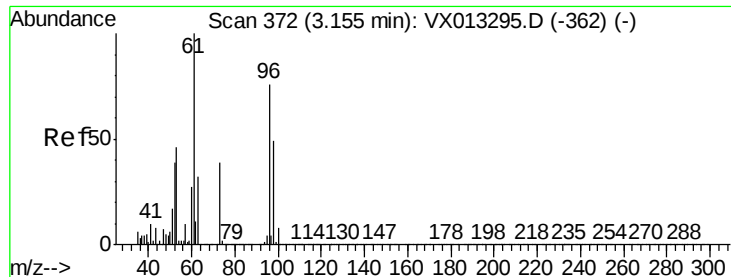
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#20
Methylene Chloride
Concen: 18.869 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.4	98.2	147.4
51	35.0	29.9	44.9
86	61.4	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 18.319 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

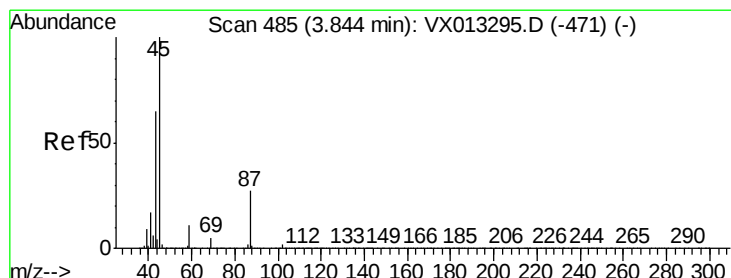
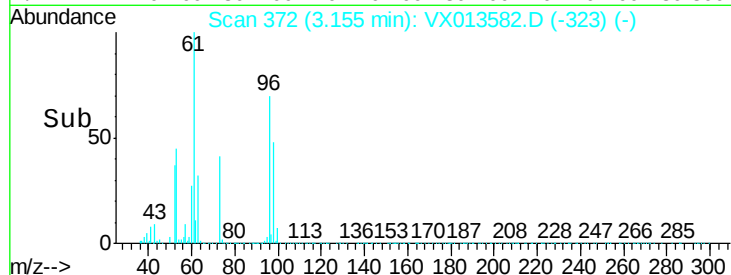
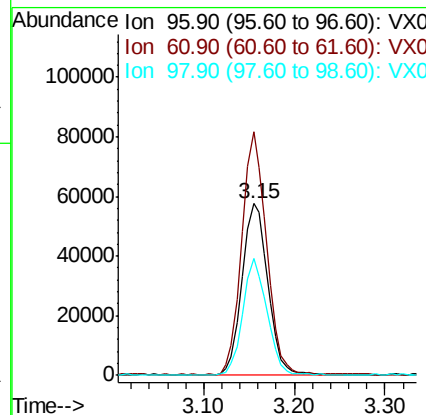
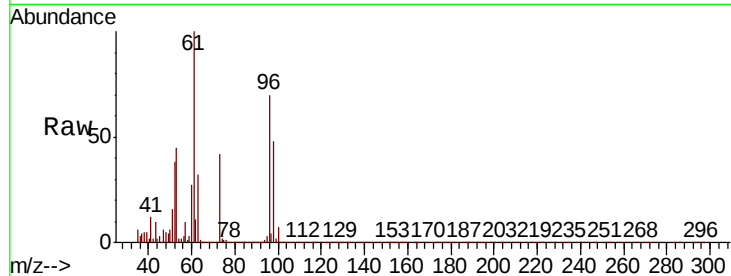
ClientSampled :

VX1125WBS01

Tot Ion:	96	Resp:	113793
Ion Ratio	Lower	Upper	
96	100		
61	141.7	105.8	158.6
98	68.2	51.8	77.6

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#22

Diisopropyl ether

Concen: 21.489 ug/l

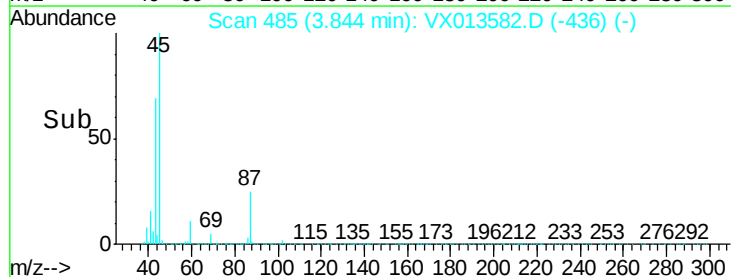
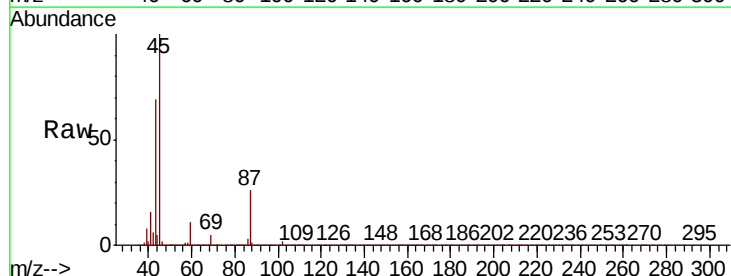
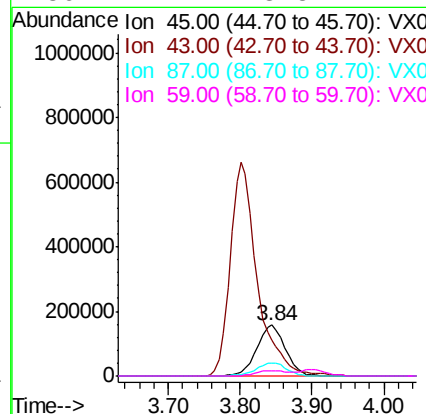
RT: 3.84 min Scan# 485

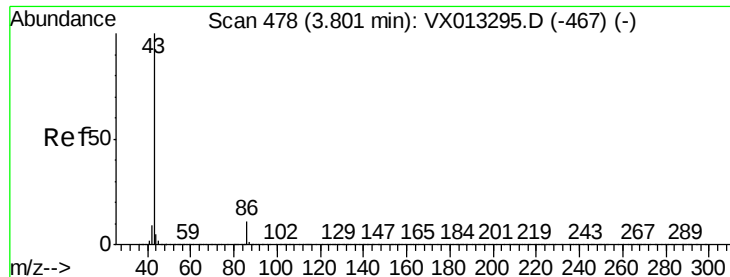
Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Tgt Ion:	45	Resp:	430043
Ion Ratio	Lower	Upper	
45	100		
43	68.9	54.2	81.2
87	25.4	21.8	32.8
59	11.1	8.5	12.7





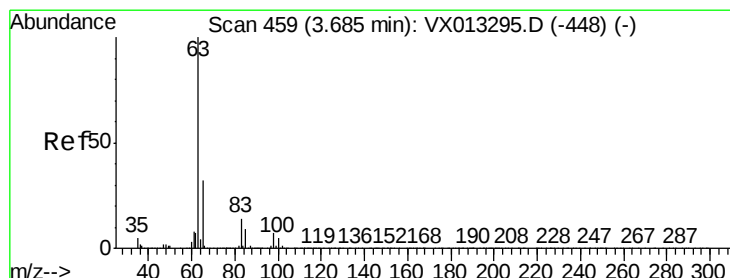
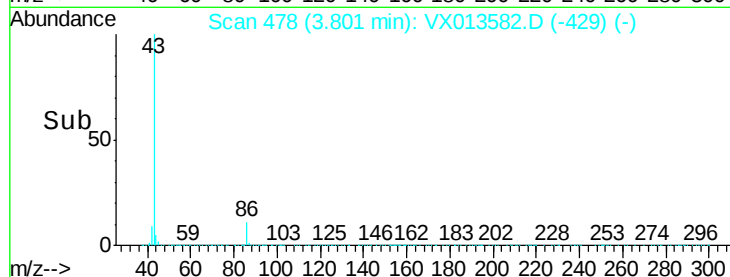
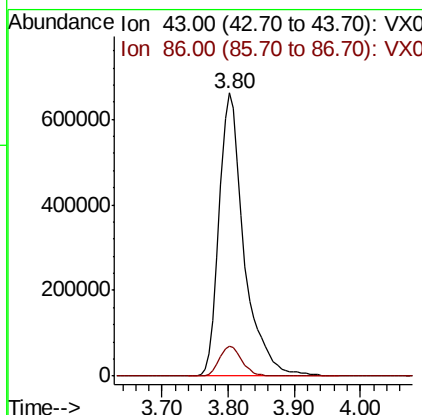
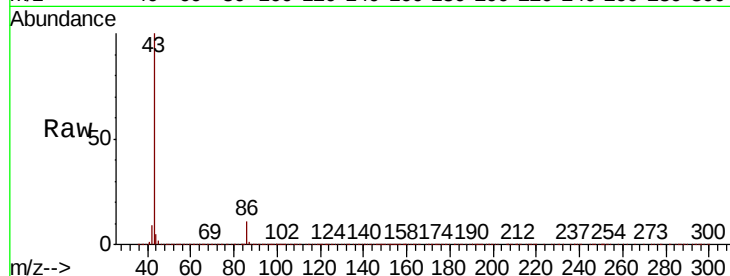
#23
 Vinyl Acetate
 Concen: 100.596 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WS01

Tot Ion: 43 Resp: 1722660
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0

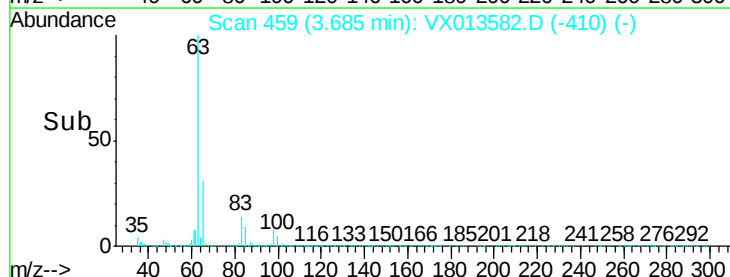
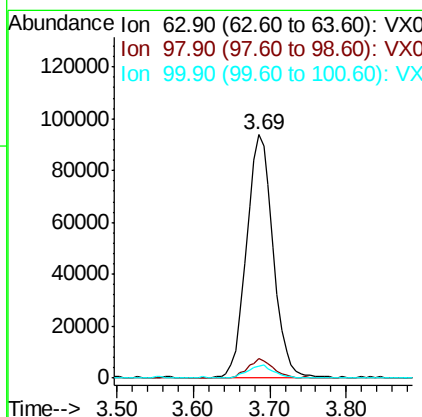
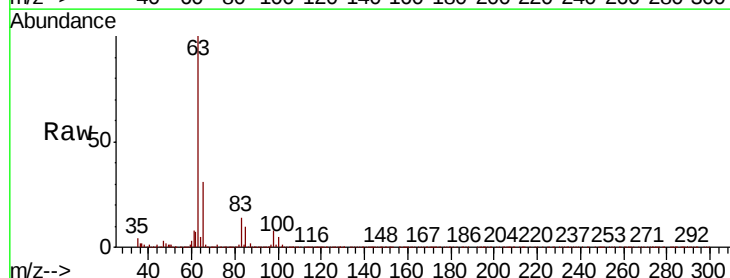
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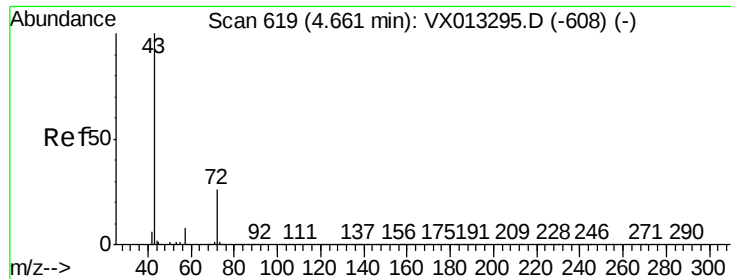
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#24
 1,1-Dichloroethane
 Concen: 20.172 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Tgt Ion: 63 Resp: 225831
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 99.320 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tot Ion: 43 Resp: 535491

Ion Ratio Lower Upper

43 100

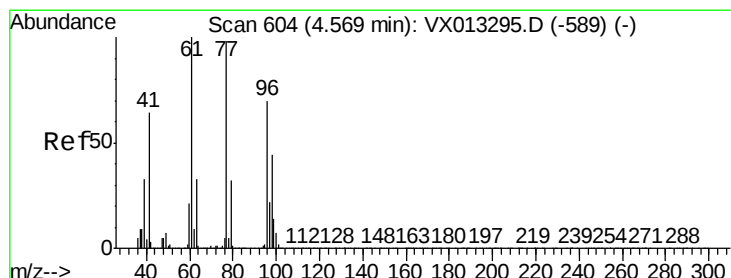
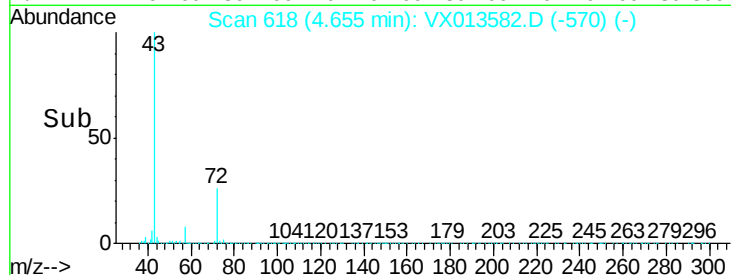
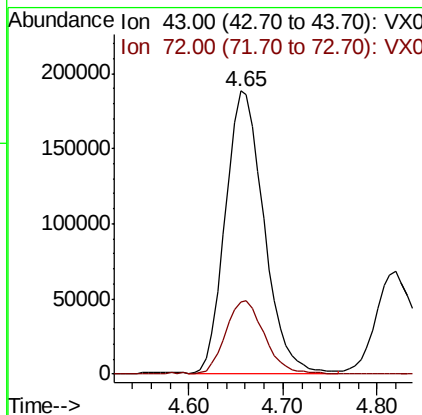
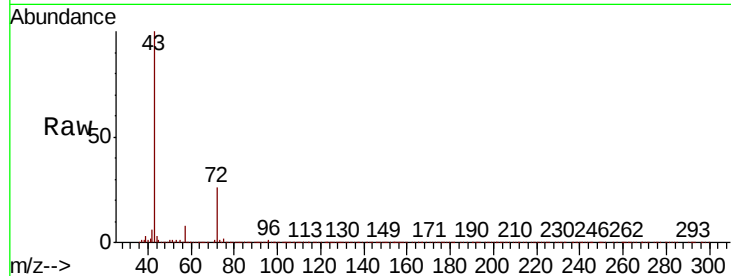
72 25.5 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.972 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013582.D

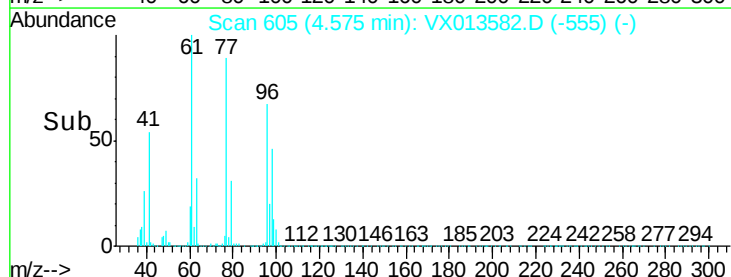
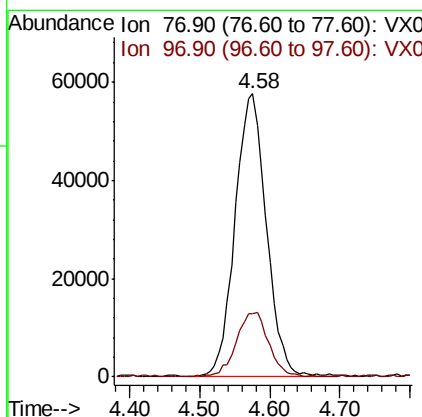
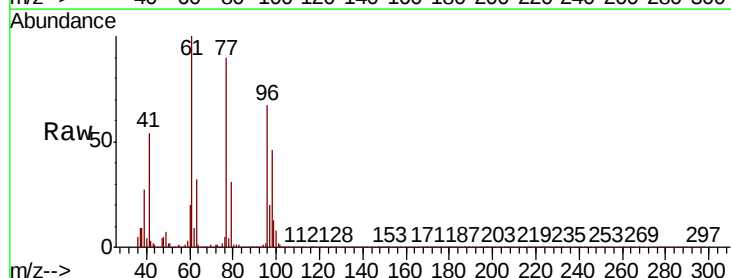
Acq: 25 Nov 2019 15:37

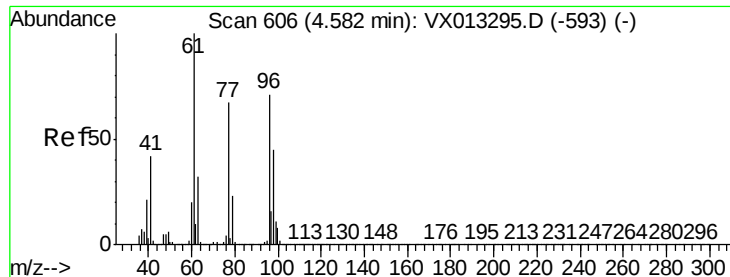
Tgt Ion: 77 Resp: 177871

Ion Ratio Lower Upper

77 100

97 23.9 11.3 33.8





#27

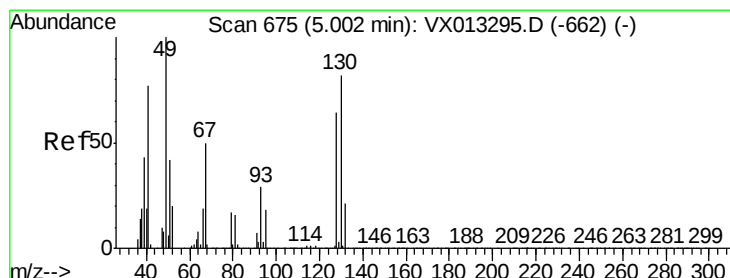
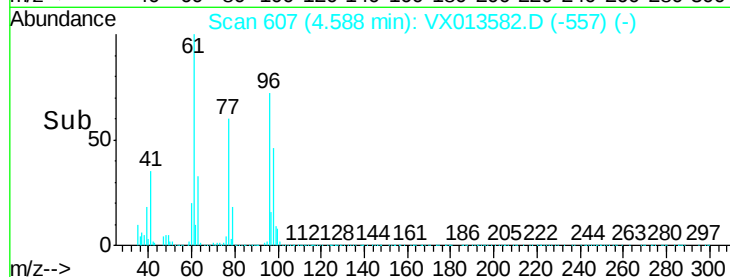
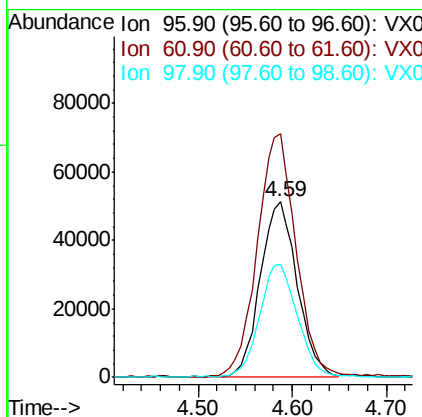
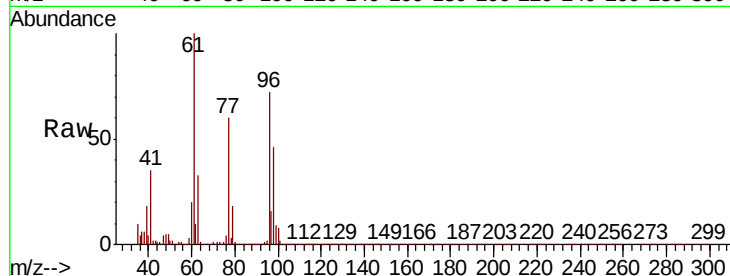
cis-1,2-Dichloroethene
Concen: 20.162 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	140293		
61	144.9	0.0	288.0	
98	67.3	0.0	129.6	

Manual Integrations
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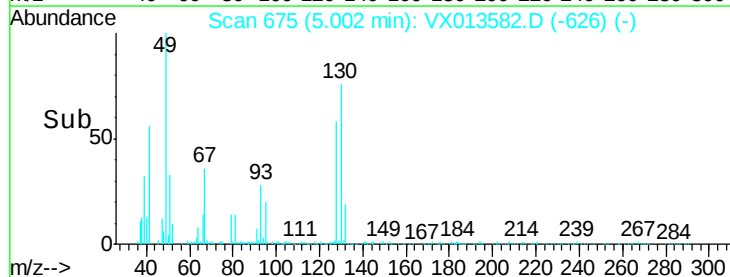
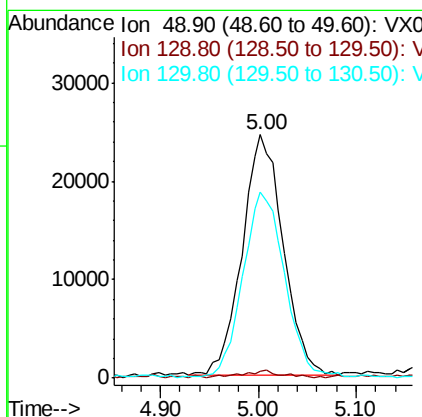
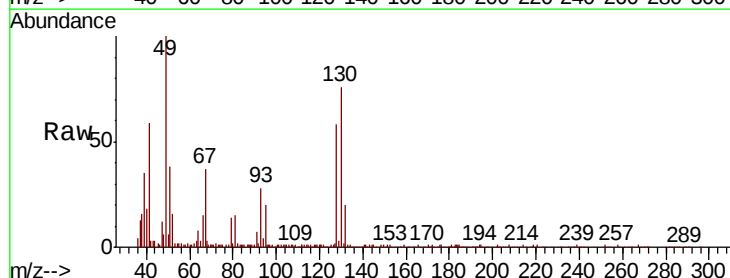
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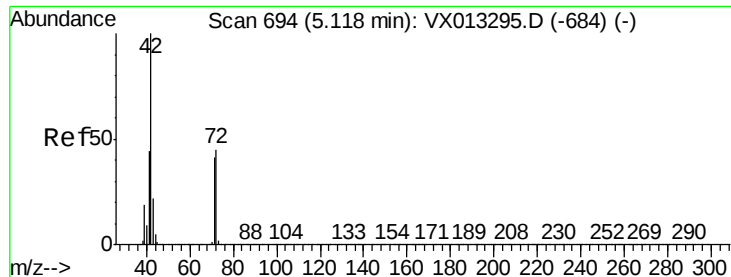


#28

Bromochloromethane
Concen: 22.405 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	71218		
129	3.3	0.0	5.2	
130	77.7	63.8	95.6	





#29

Tetrahydrofuran

Concen: 98.046 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

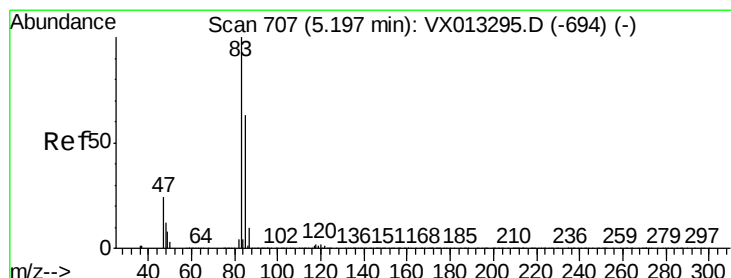
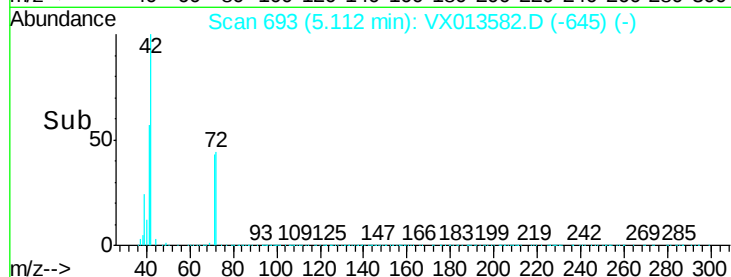
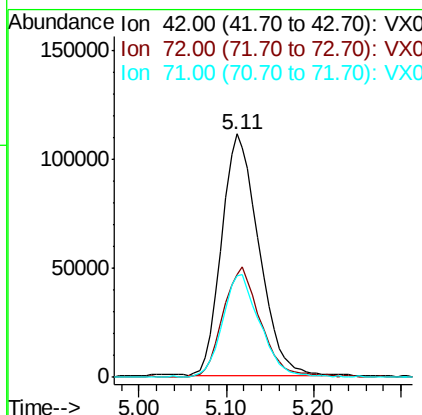
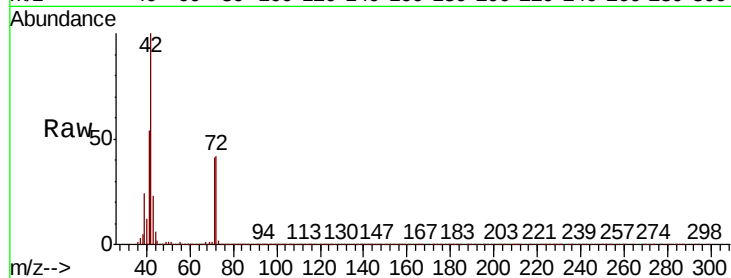
ClientSampleId :

VX1125WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	35.8	53.8
71	42.5	33.4	50.0

Manual Integrations
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#30

Chloroform

Concen: 20.573 ug/l

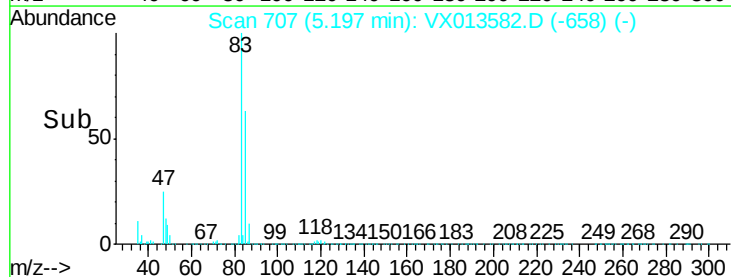
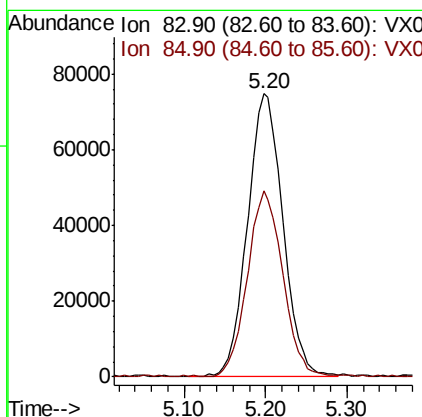
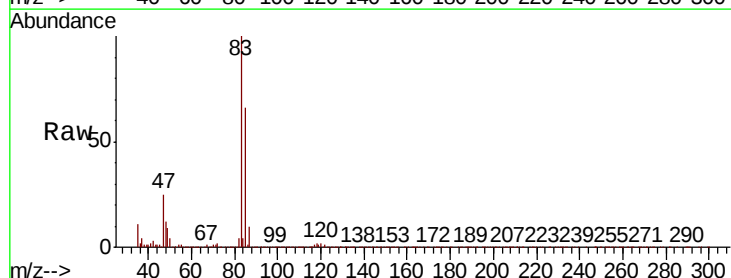
RT: 5.20 min Scan# 707

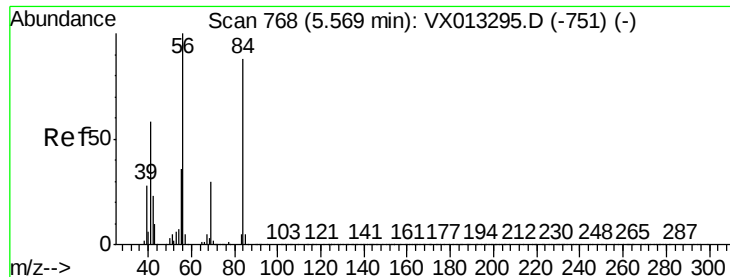
Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.2	75.4





#31

Cyclohexane

Concen: 17.100 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

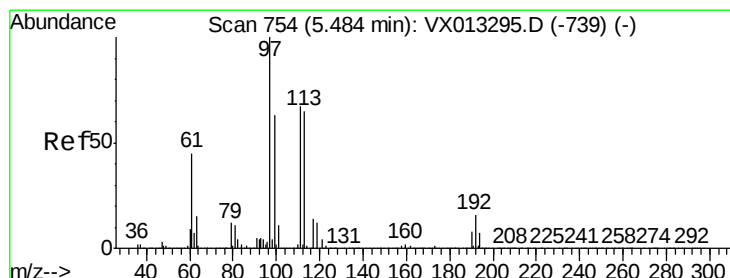
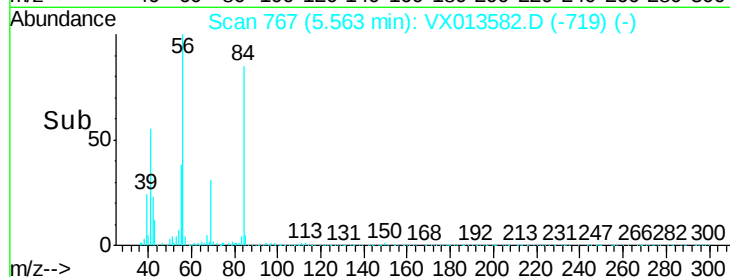
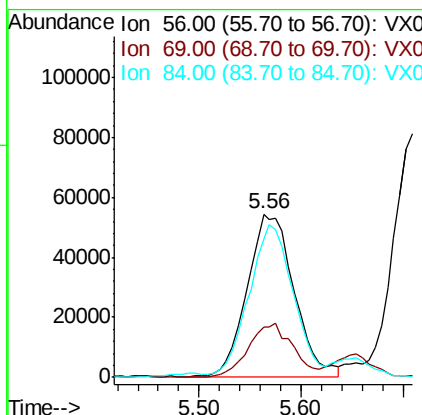
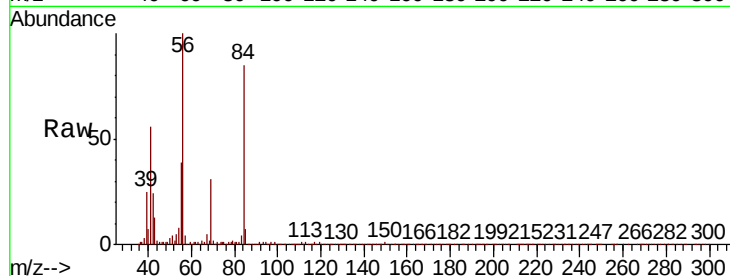
ClientSampled :

VX1125WBS01

Tot Ion:	56	Resp:	172258
Ion Ratio		Lower	Upper
56	100		
69	30.7	23.7	35.5
84	82.0	70.6	105.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.862 ug/l

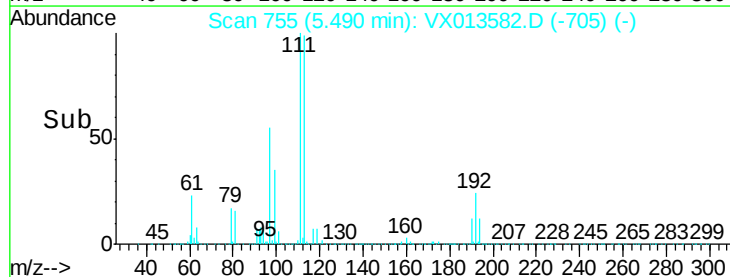
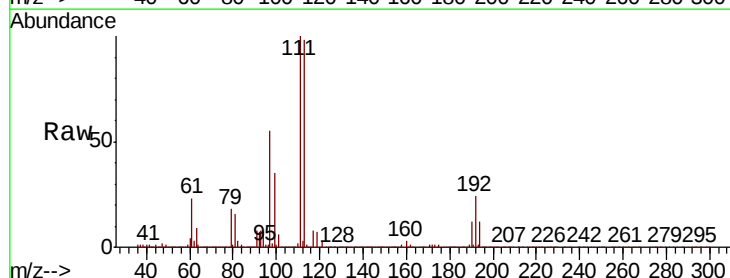
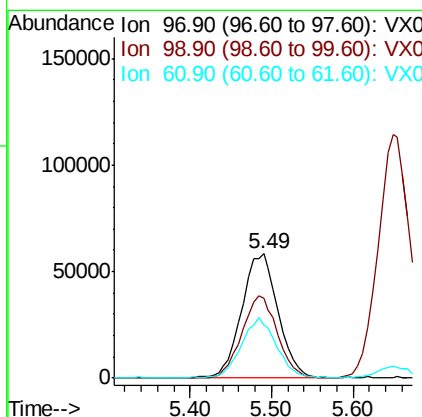
RT: 5.49 min Scan# 755

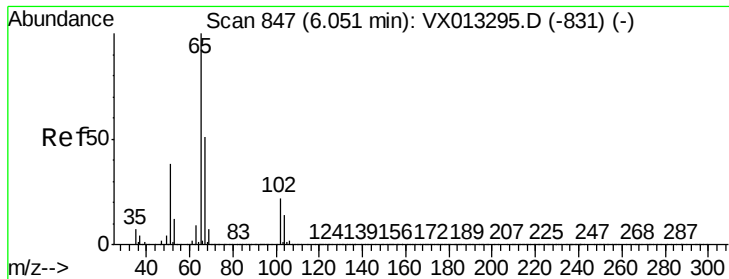
Delta R.T. 0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Tgt Ion:	97	Resp:	179445
Ion Ratio		Lower	Upper
97	100		
99	64.2	51.1	76.7
61	46.2	36.5	54.7





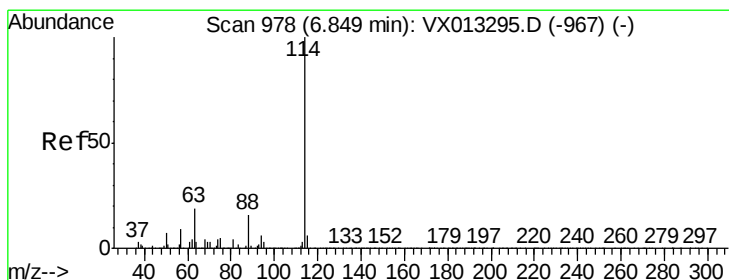
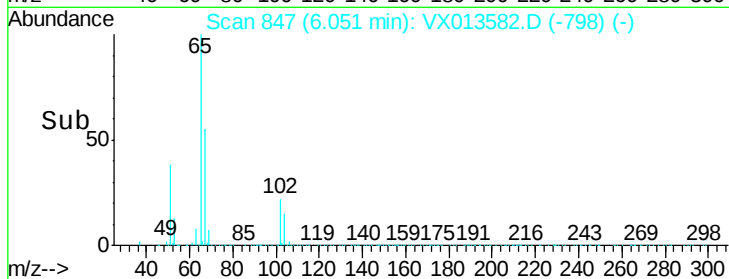
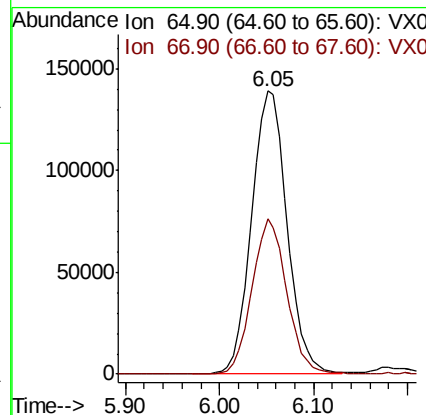
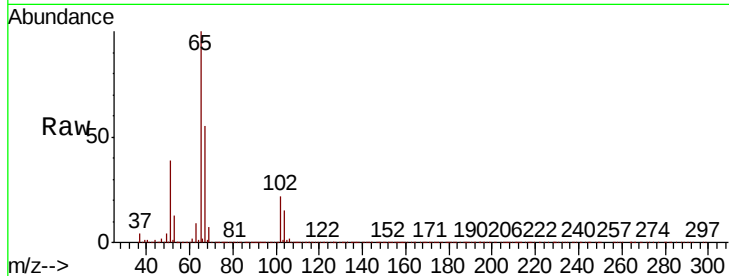
#33
 1,2-Dichloroethane-d4
 Concen: 49.545 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	104.2

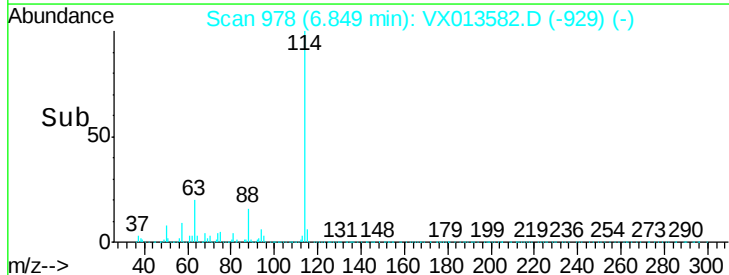
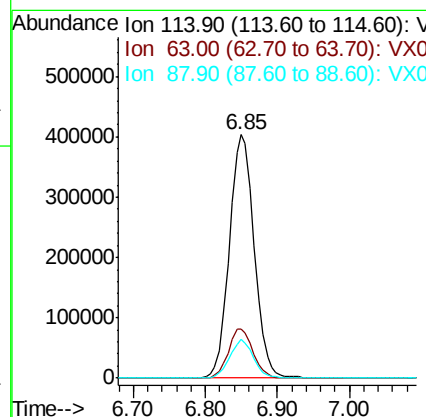
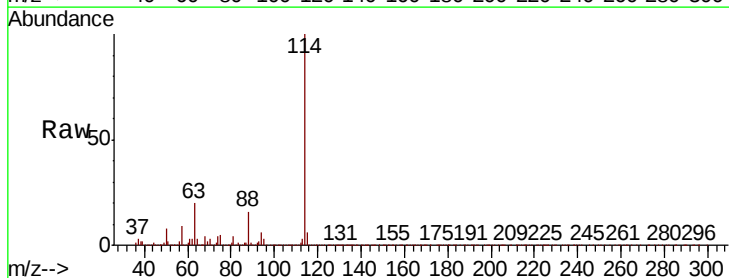
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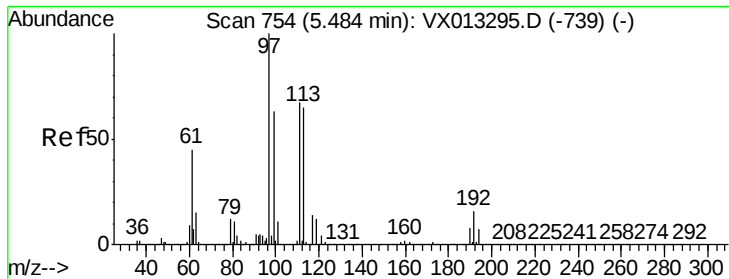
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	38.4
88	16.0	0.0	32.2





#35

Dibromofluoromethane

Concen: 50.506 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

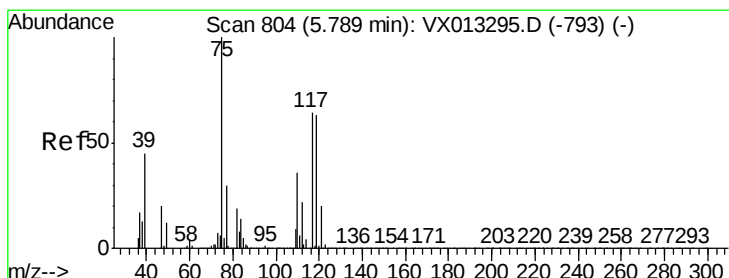
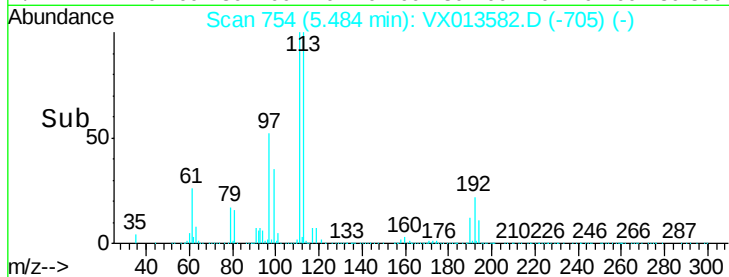
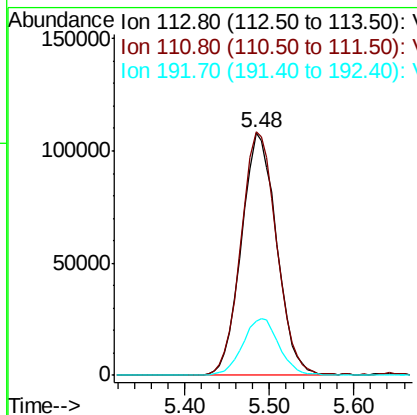
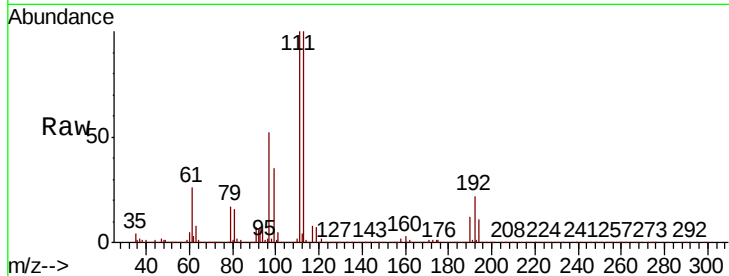
ClientSampleId :

VX1125WBS01

Tot Ion:	113	Resp:	306004
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.9	122.9
192	24.2	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 18.261 ug/l

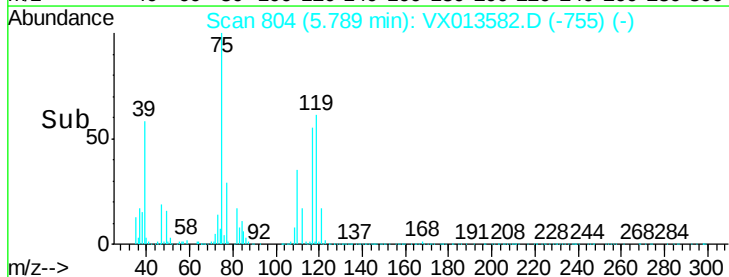
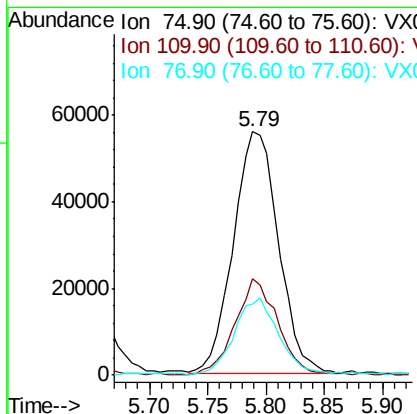
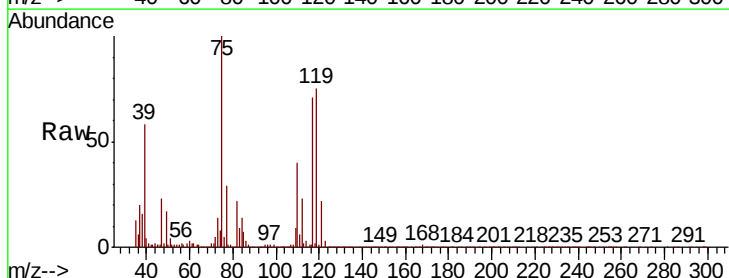
RT: 5.79 min Scan# 804

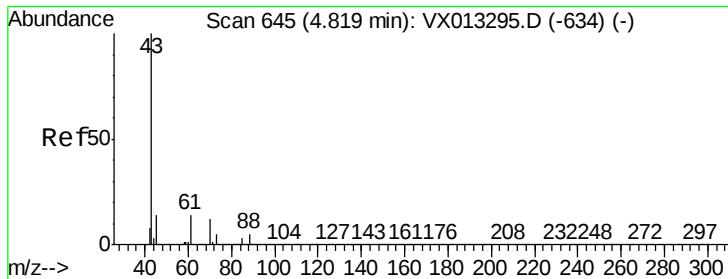
Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Tgt Ion:	75	Resp:	151331
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.1	54.1
77	30.4	25.0	37.4





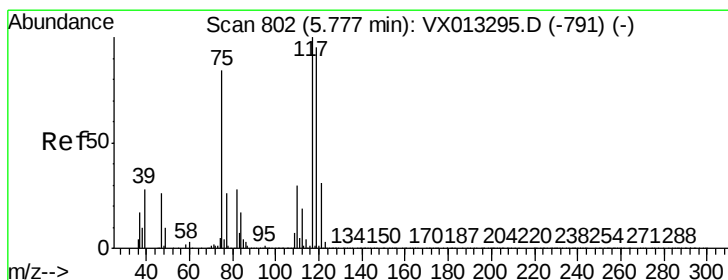
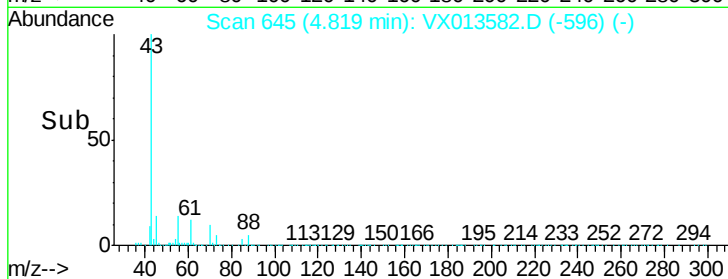
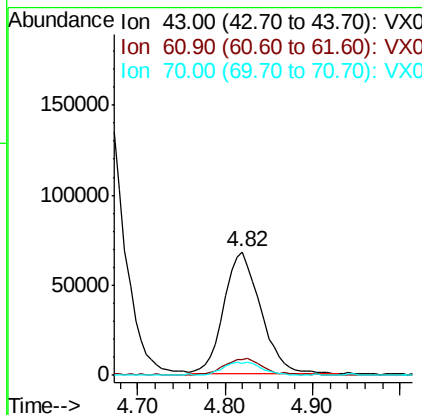
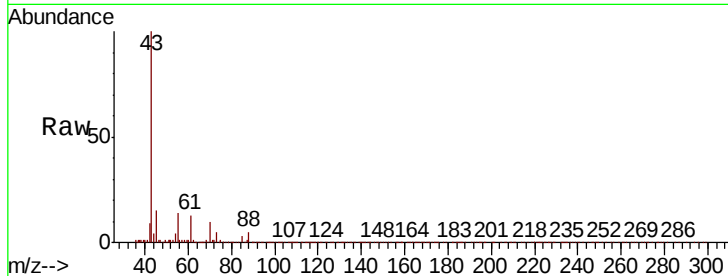
#37
Ethyl Acetate
Concen: 19.291 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tot Ion	43	Resp	197535
Ion Ratio	Lower	Upper	
43	100		
61	14.2	10.7	16.1
70	11.3	8.7	13.1

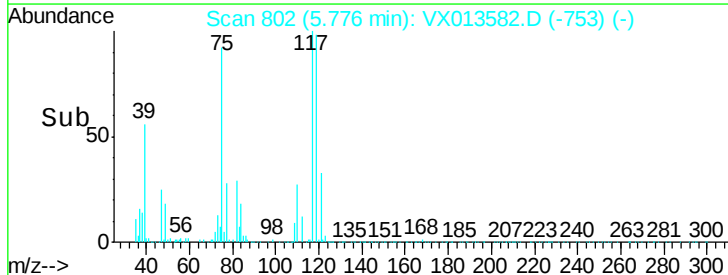
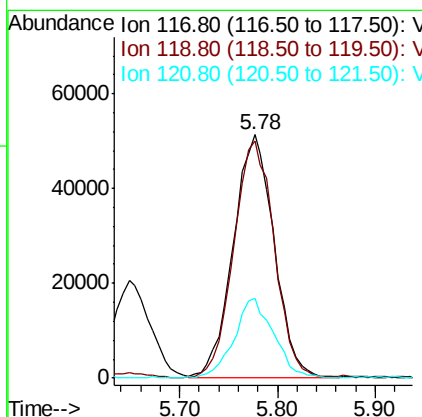
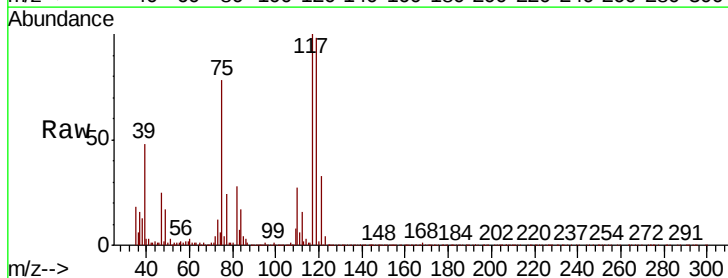
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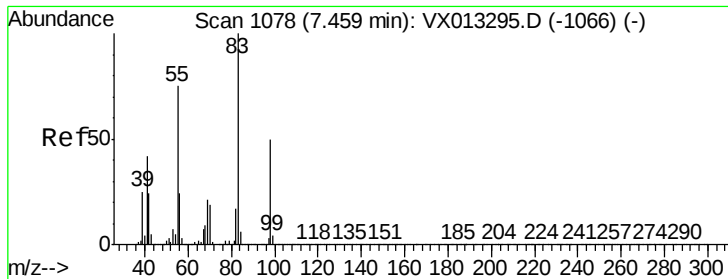
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#38
Carbon Tetrachloride
Concen: 18.268 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion	117	Resp	148040
Ion Ratio	Lower	Upper	
117	100		
119	97.7	76.1	114.1
121	32.5	24.6	37.0





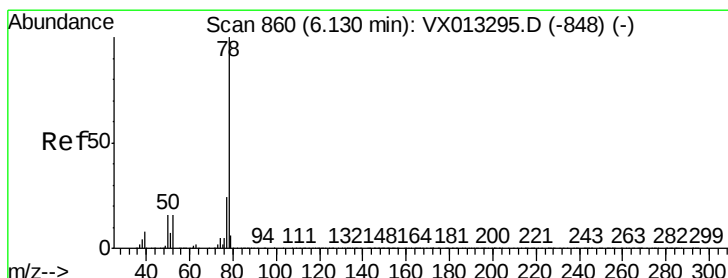
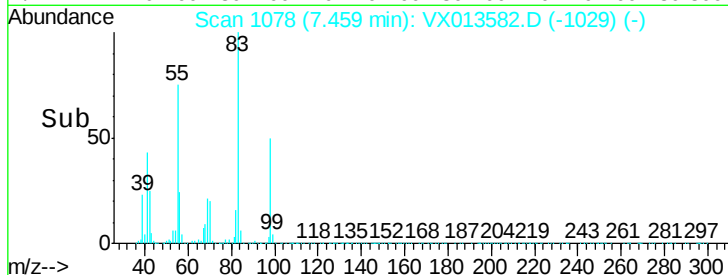
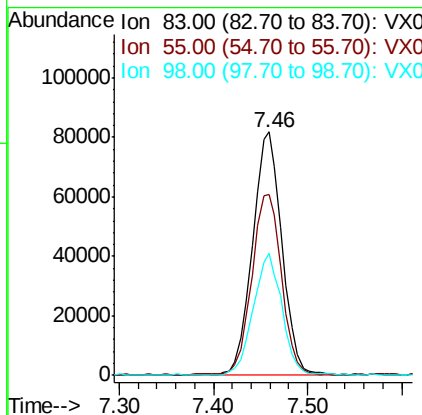
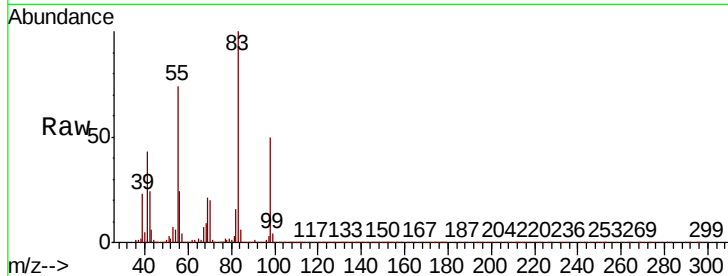
#39
Methvlcvclohexane
Concen: 17.311 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.4	60.3	90.5
98	50.2	40.3	60.5

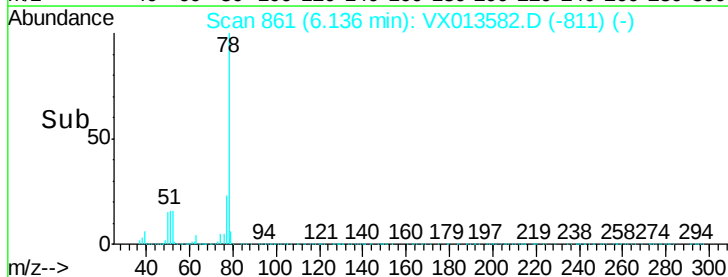
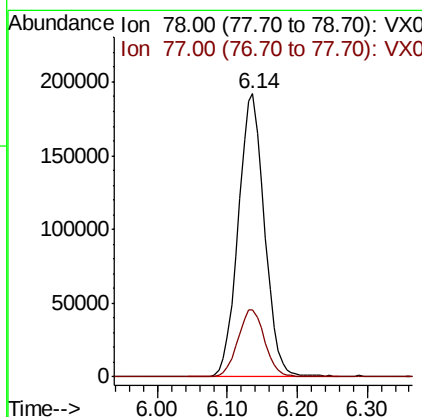
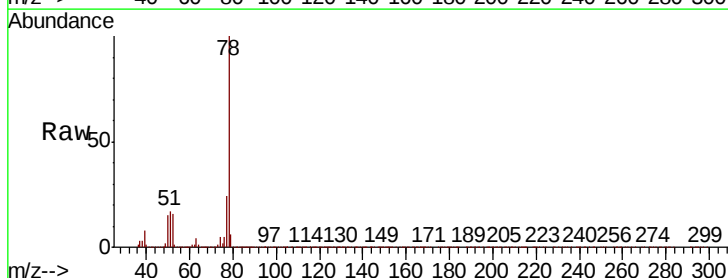
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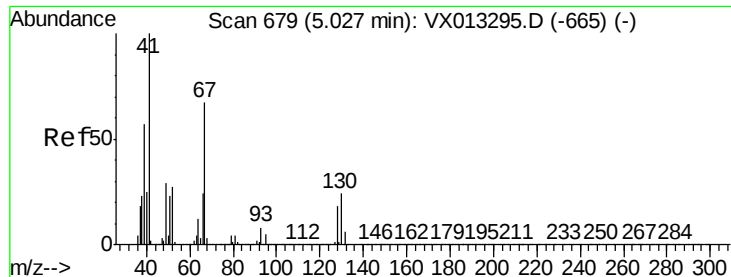
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#40
Benzene
Concen: 19.274 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.5	29.3





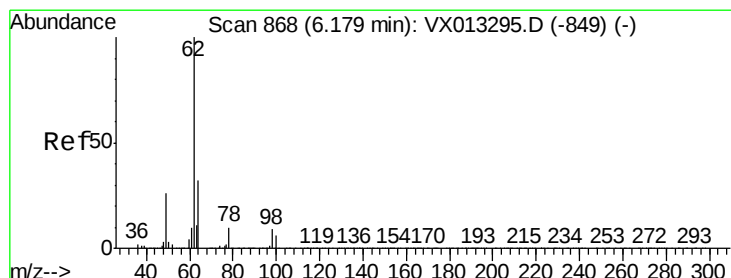
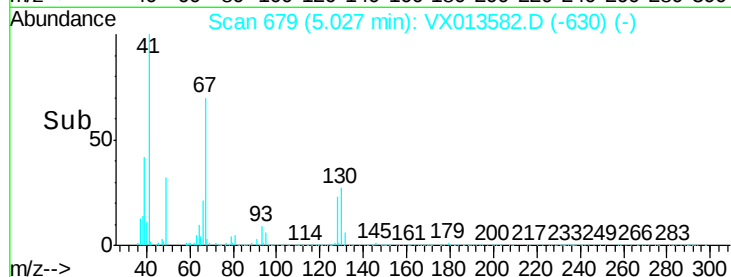
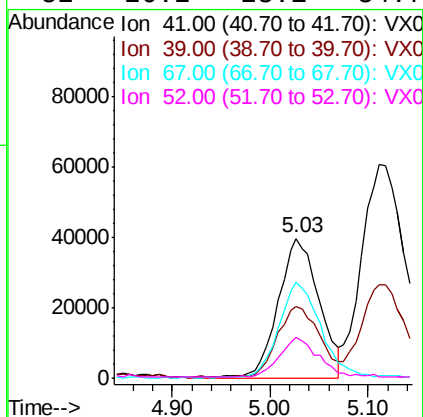
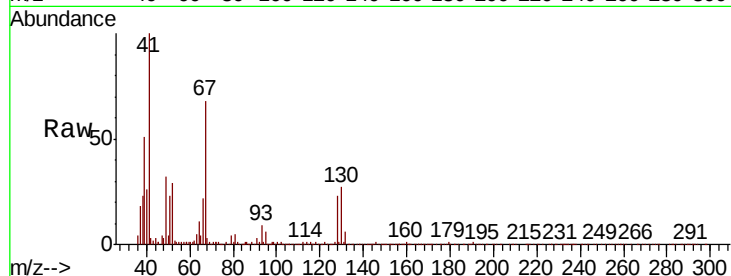
#41
Methacrylonitrile
Concen: 20.303 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.5	45.0	67.6		
67	70.5	55.4	83.2		
52	26.2	23.1	34.7		

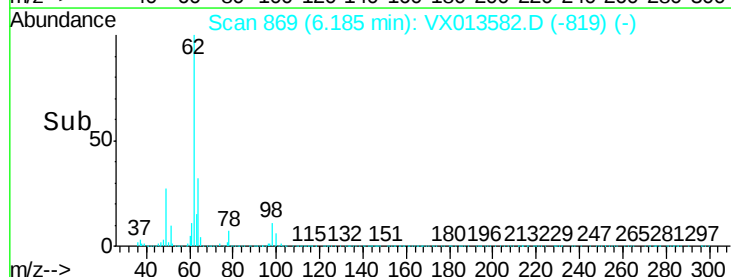
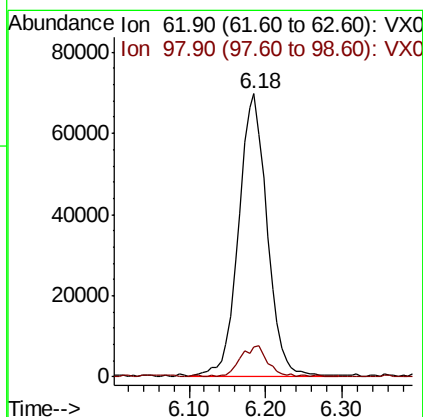
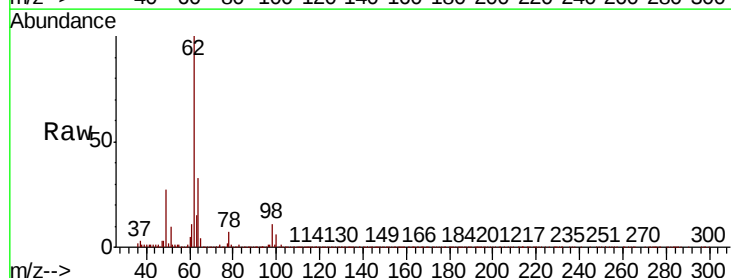
Manual Integrations
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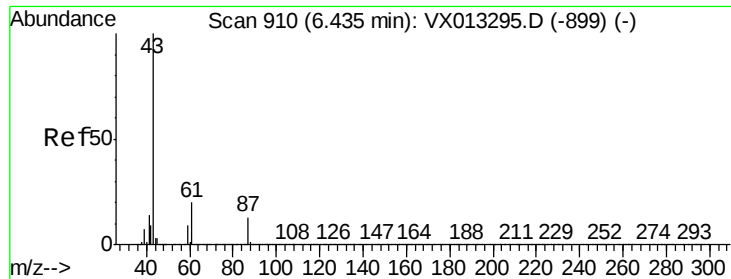
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#42
1,2-Dichloroethane
Concen: 19.556 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.7	0.0	19.4		





#43

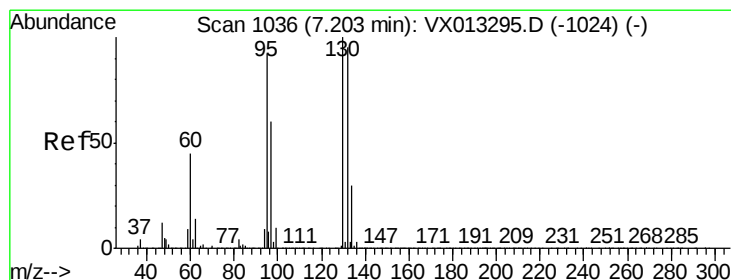
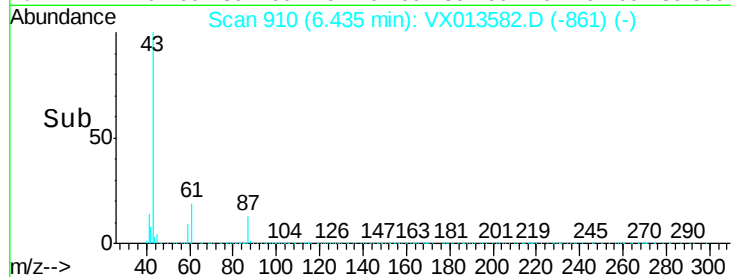
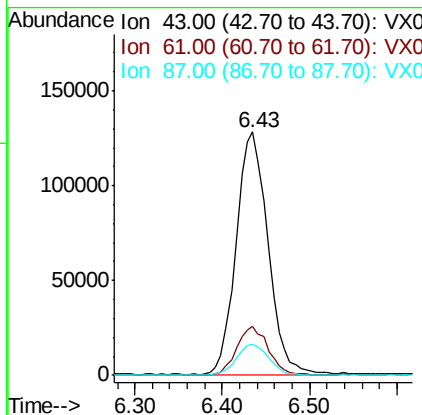
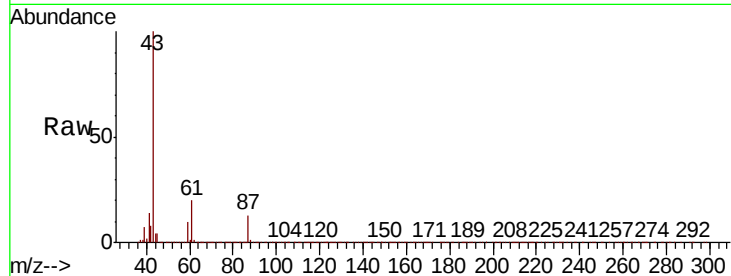
Isopropyl Acetate
 Concen: 20.303 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.8	23.8
87	12.9	10.4	15.6

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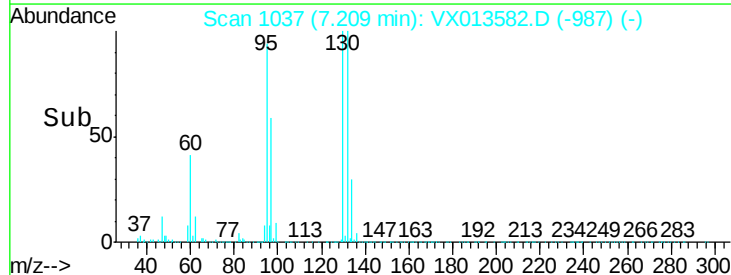
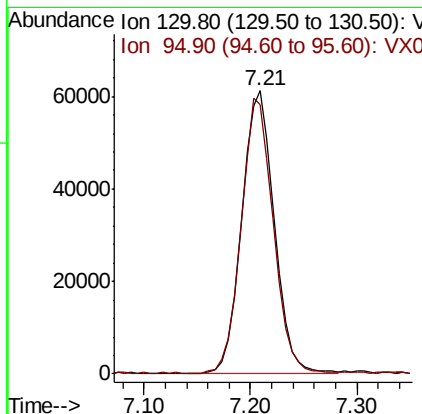
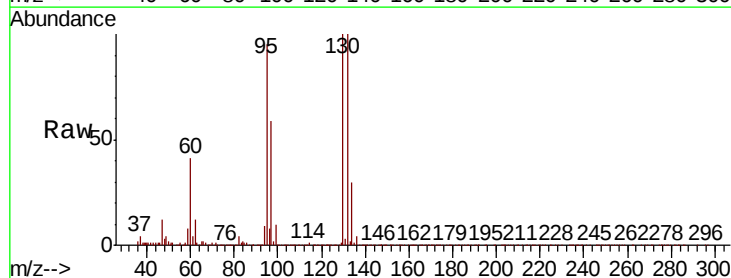
apatel
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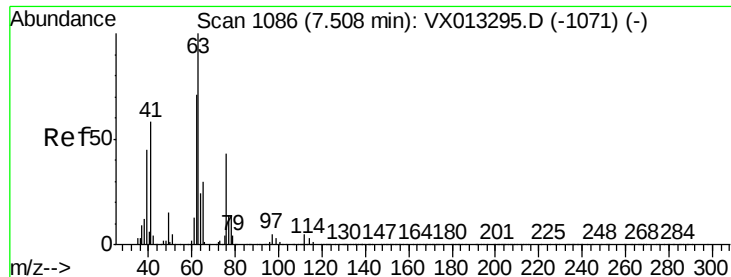


#44

Trichloroethene
 Concen: 18.360 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	184.8





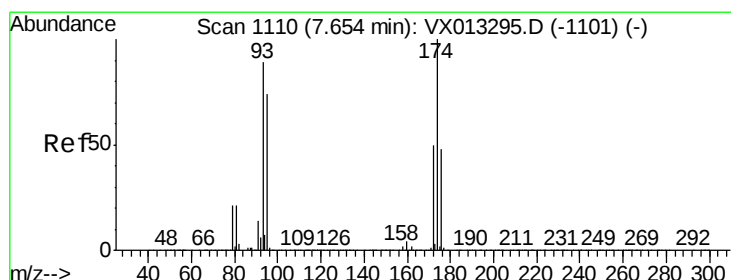
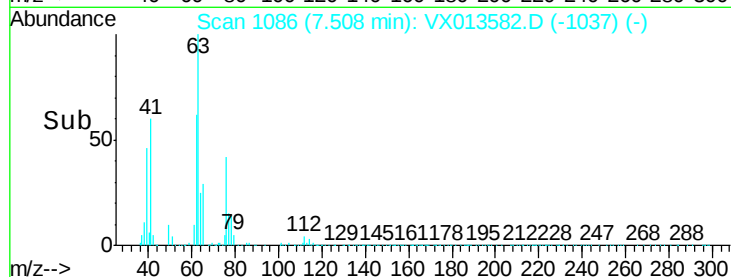
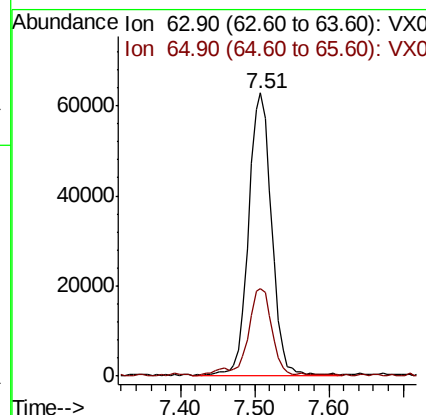
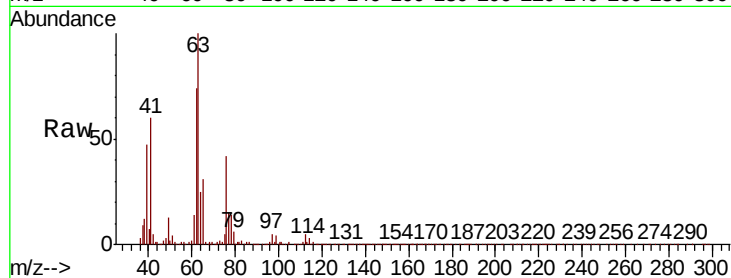
#45
 1,2-Dichloropropane
 Concen: 20.549 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.3	36.5

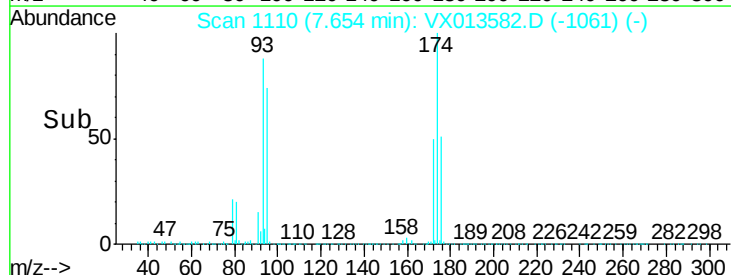
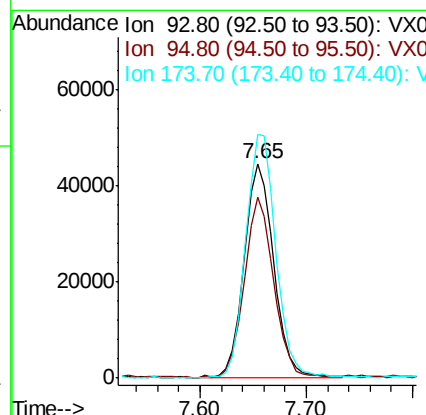
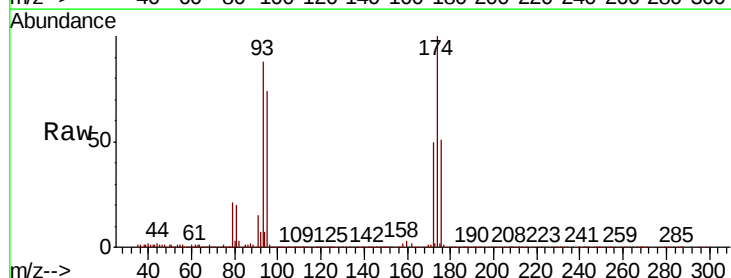
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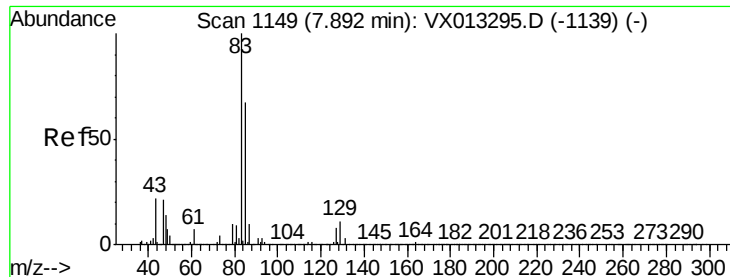
apatel
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#46
 Dibromomethane
 Concen: 19.395 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	65.8	98.6
174	116.7	90.4	135.6





#47

Bromodichloromethane

Concen: 19.726 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

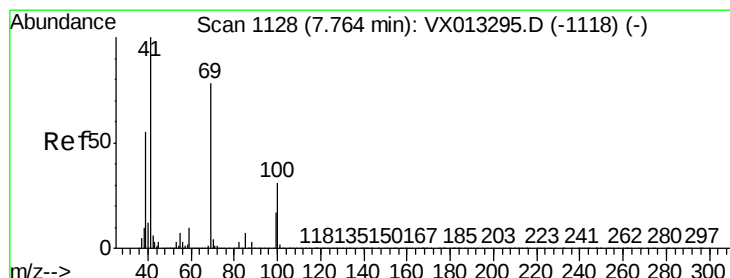
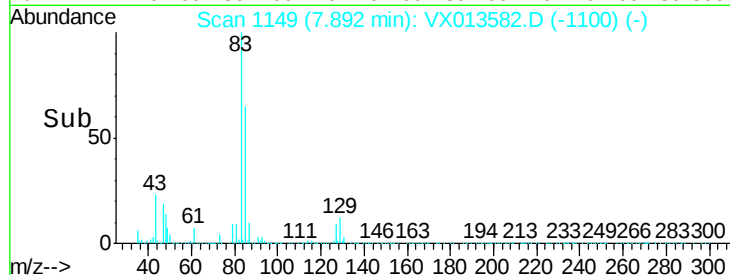
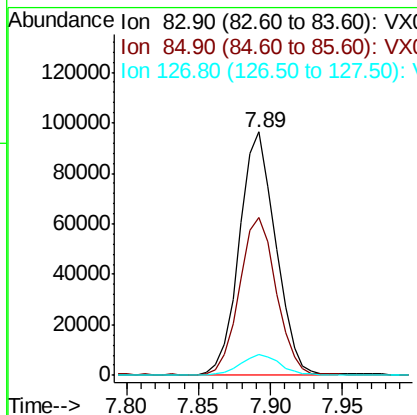
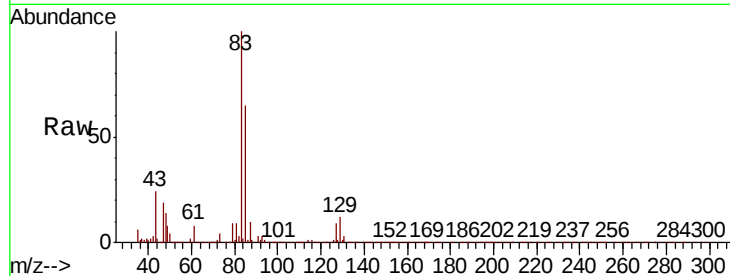
ClientSampleId :

VX1125WBS01

Tot Ion:	83	Resp:	167043
Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.7	80.5
127	8.5	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.886 ug/l

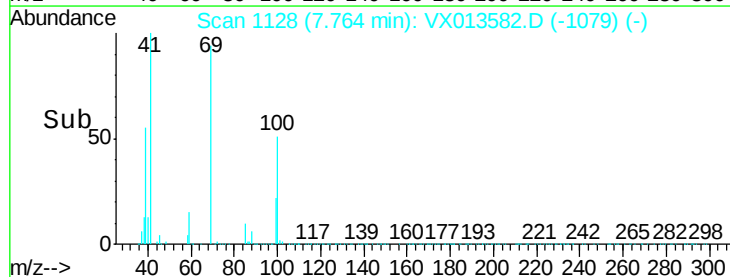
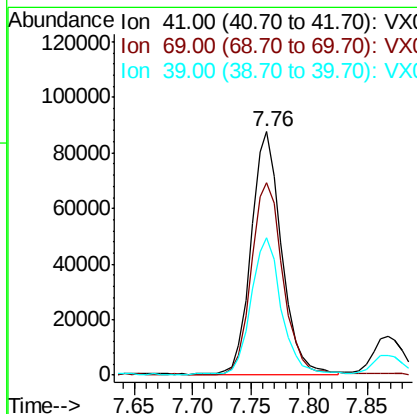
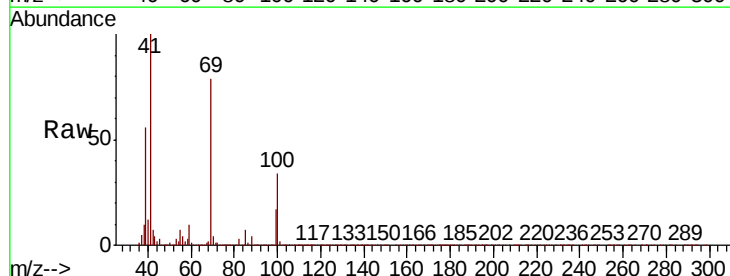
RT: 7.76 min Scan# 1128

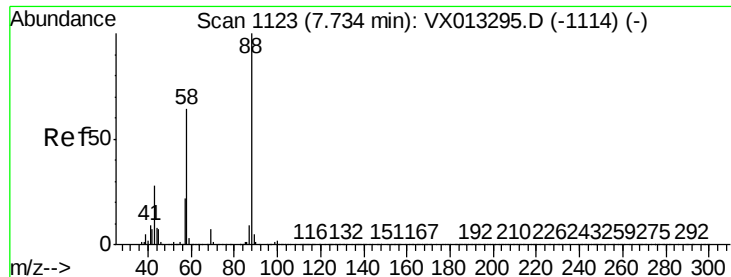
Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Tgt Ion:	41	Resp:	158286
Ion	Ratio	Lower	Upper
41	100		
69	82.4	63.0	94.6
39	56.3	45.9	68.9





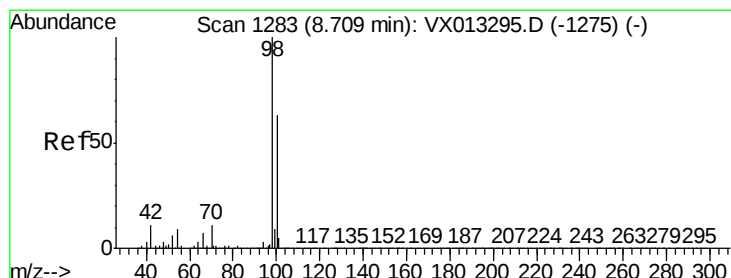
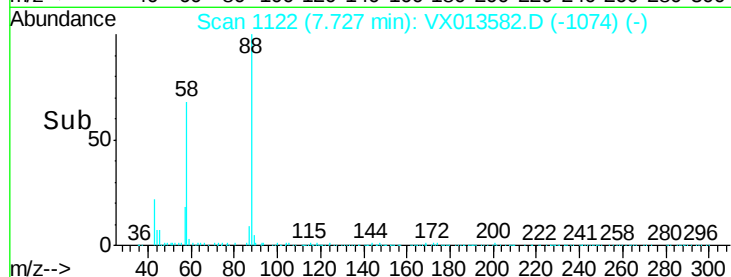
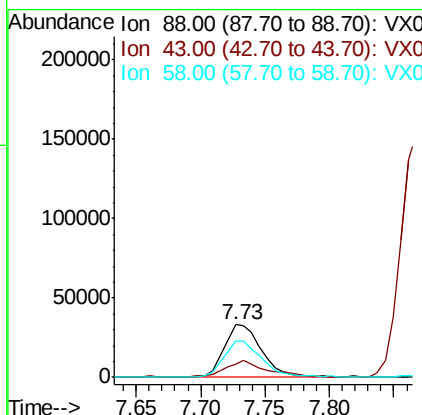
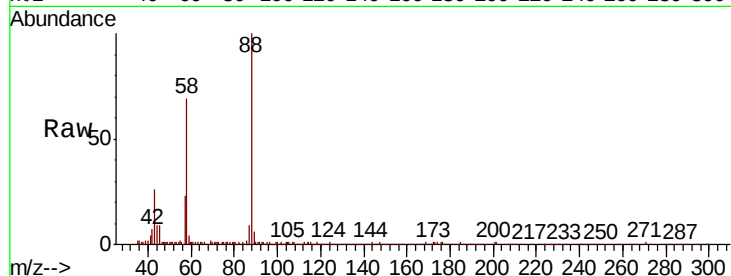
#49
1,4-Dioxane
Concen: 366.047 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.4	26.6	39.8
58	69.1	55.0	82.6

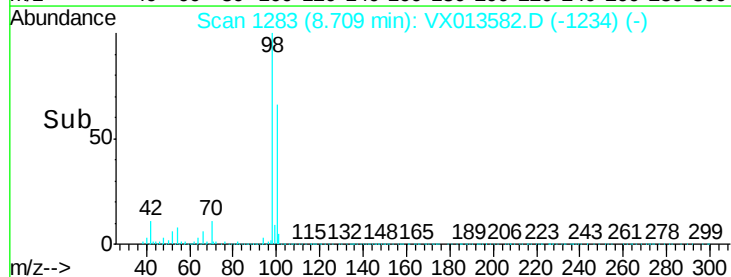
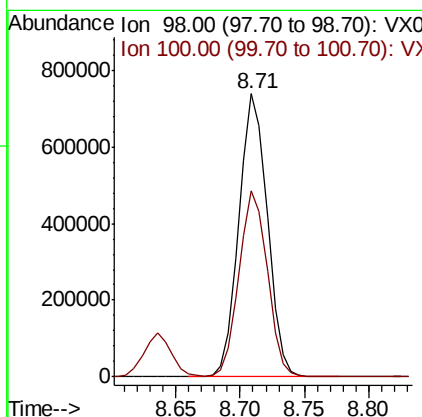
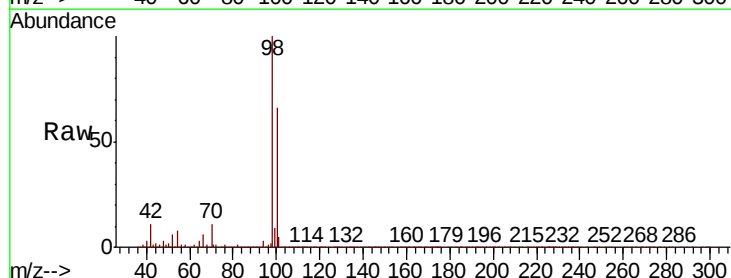
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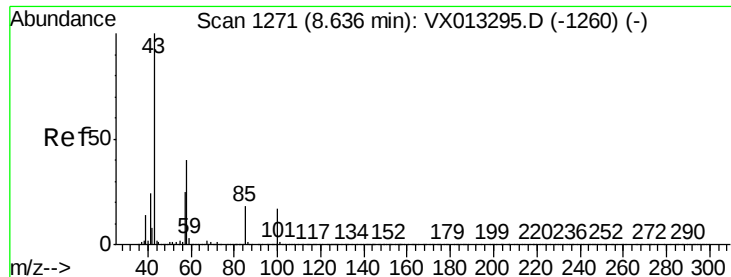
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#50
Toluene-d8
Concen: 49.507 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 100.171 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tot Ion: 43 Resp: 1047938

Ion Ratio Lower Upper

43 100

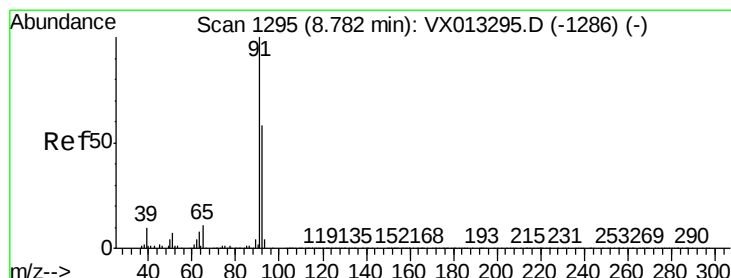
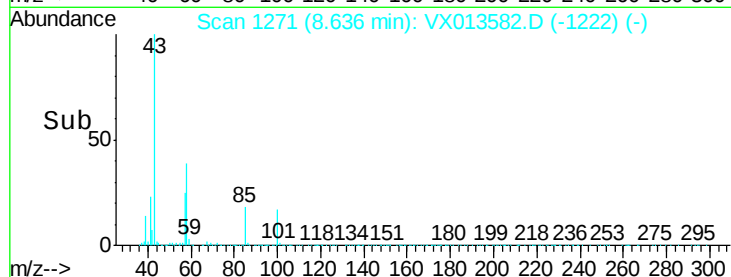
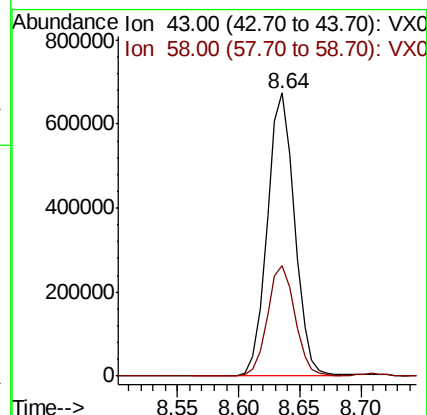
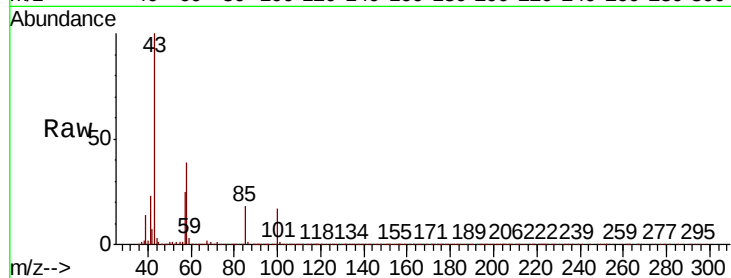
58 39.4 31.4 47.0

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#52

Toluene

Concen: 19.379 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013582.D

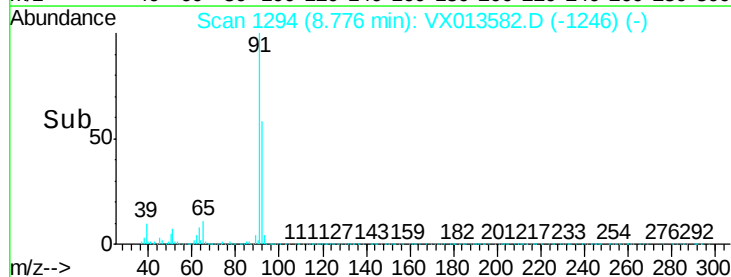
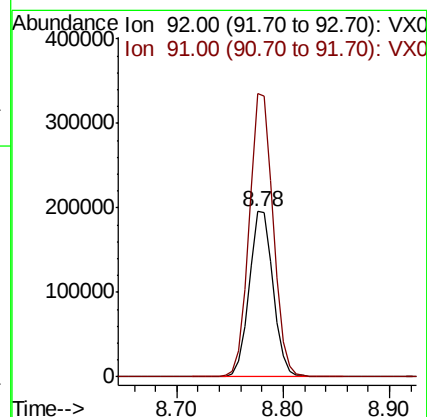
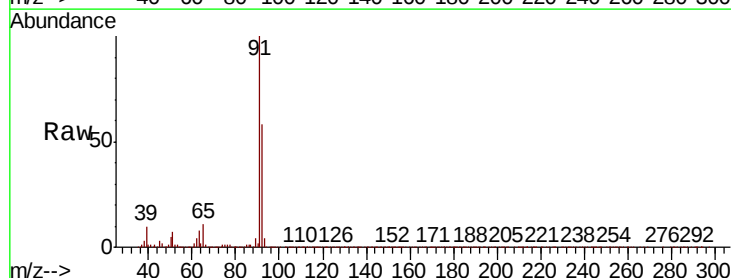
Acq: 25 Nov 2019 15:37

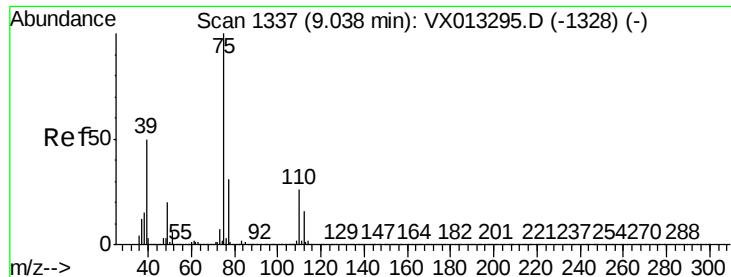
Tgt Ion: 92 Resp: 310041

Ion Ratio Lower Upper

92 100

91 170.9 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 19.982 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tot Ion: 75 Resp: 185030

Ion Ratio Lower Upper

75 100

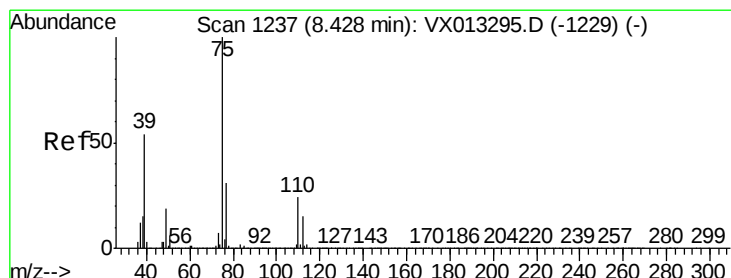
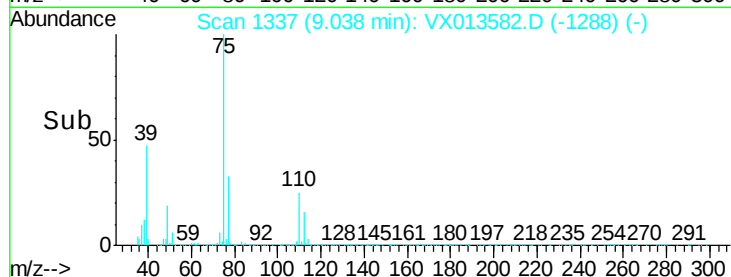
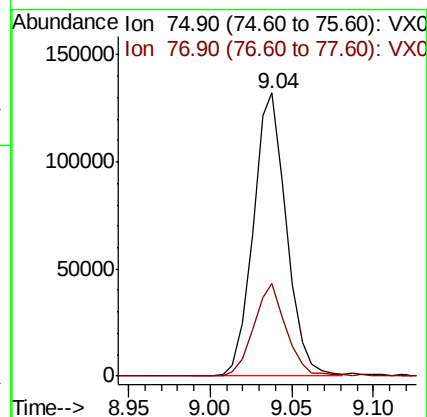
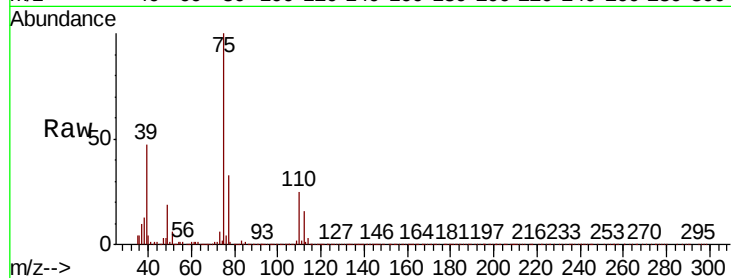
77 32.7 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 20.035 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

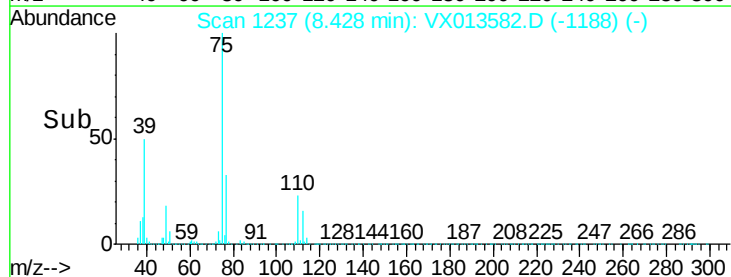
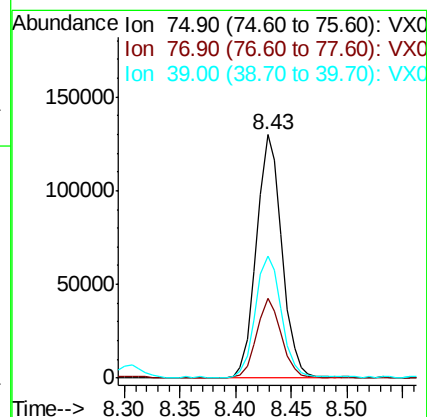
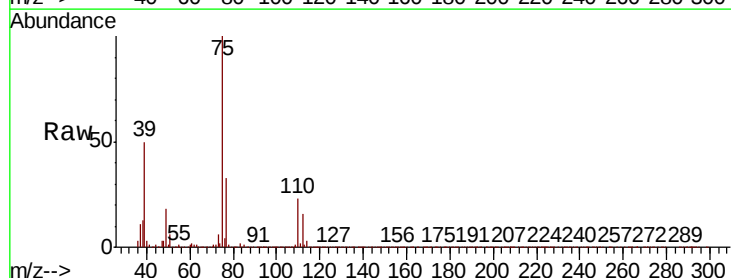
Tgt Ion: 75 Resp: 207525

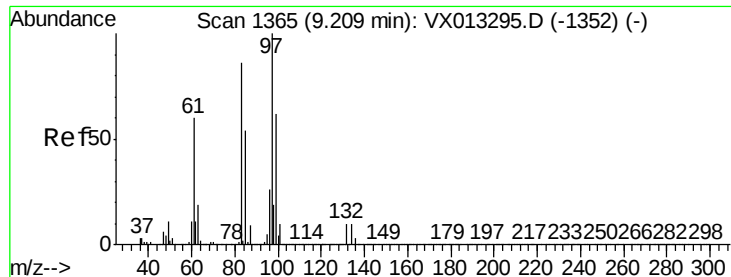
Ion Ratio Lower Upper

75 100

77 32.7 24.7 37.1

39 49.8 43.0 64.6





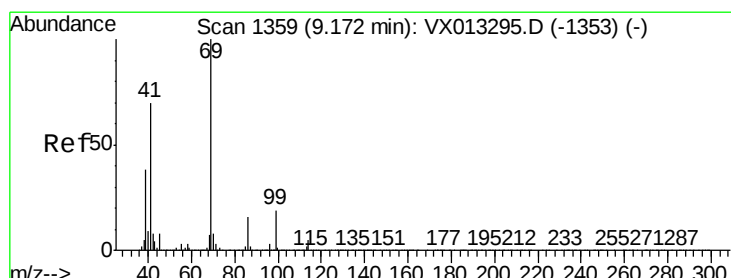
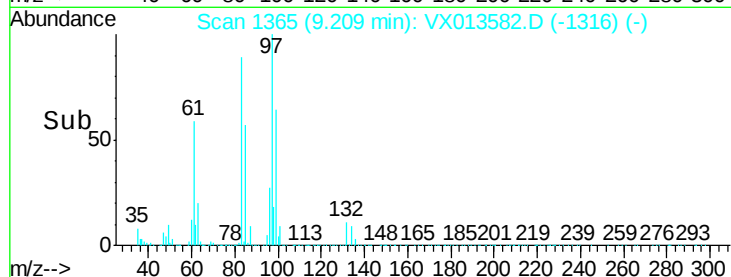
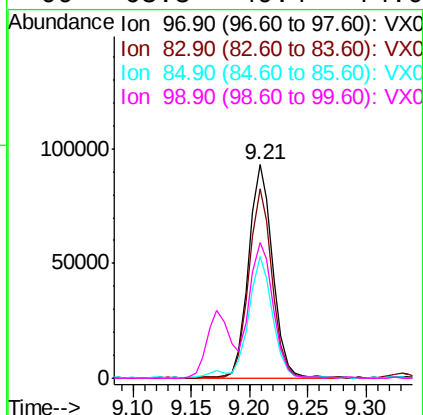
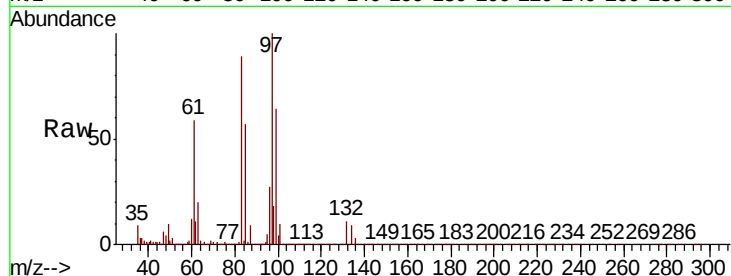
#55
 1,1,2-Trichloroethane
 Concen: 20.220 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBS01

Tot Ion	Ratio	Resp	Lower	Upper
97	100	134091		
83	88.9	68.6	103.0	
85	56.4	43.1	64.7	
99	63.3	49.4	74.0	

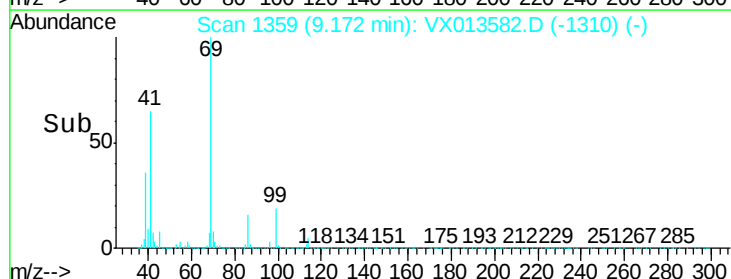
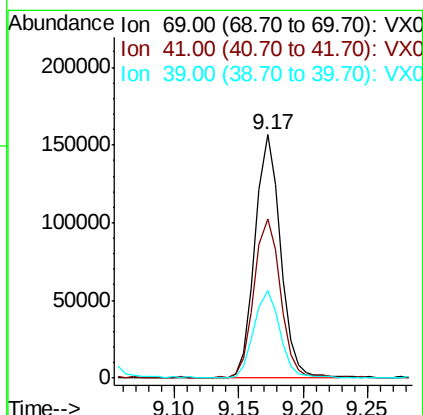
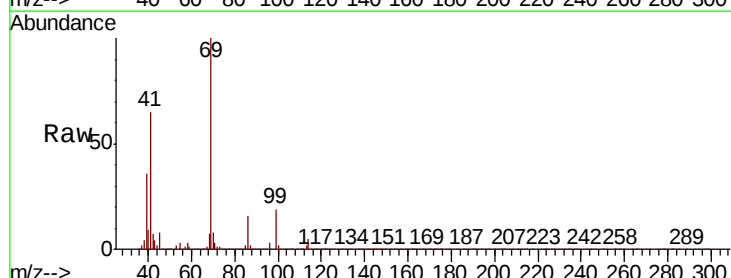
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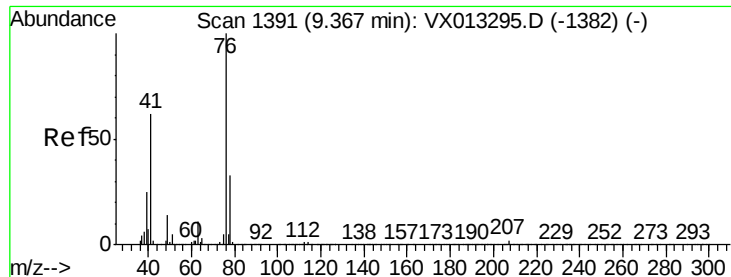
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#56
 Ethyl methacrylate
 Concen: 19.799 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	213116		
41	67.4	56.2	84.2	
39	36.3	31.1	46.7	





#57

1,3-Dichloropropane

Concen: 20.114 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tot Ion: 76 Resp: 226429

Ion Ratio Lower Upper

76 100

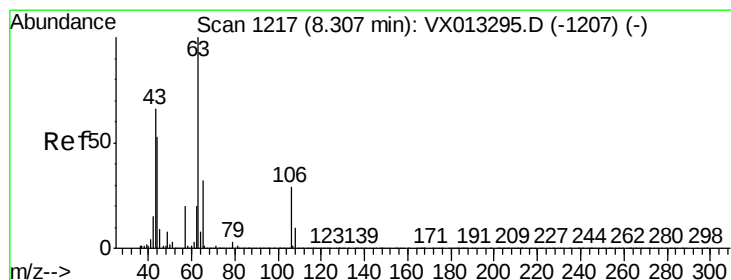
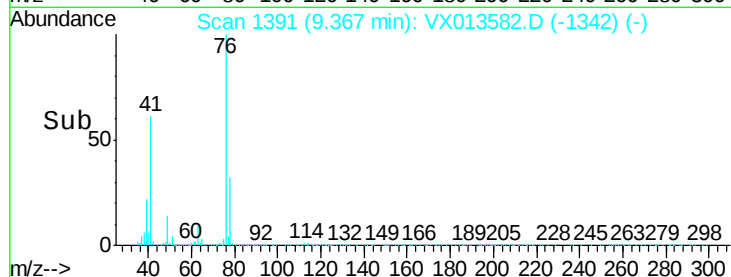
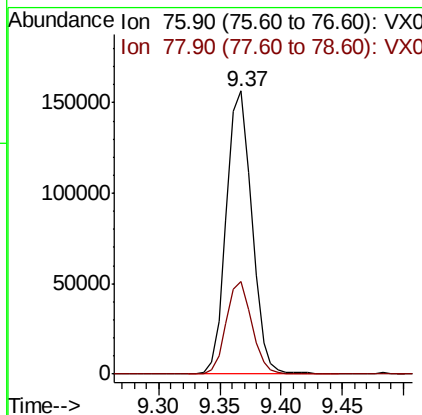
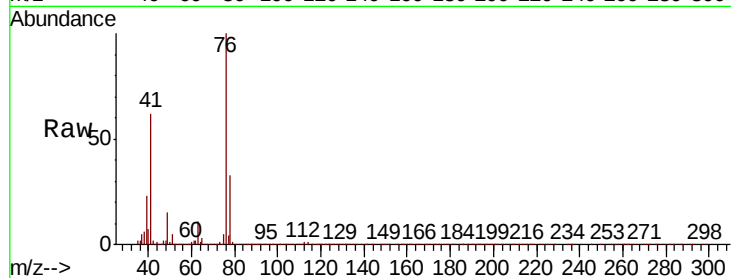
78 32.5 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 102.170 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013582.D

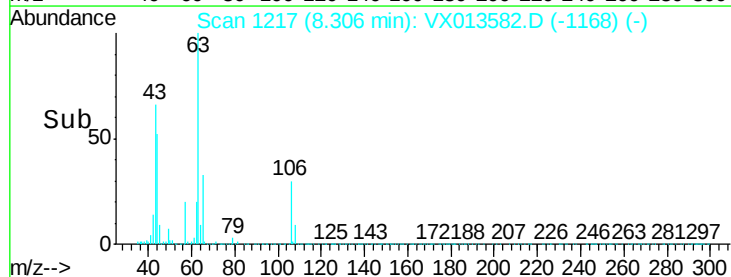
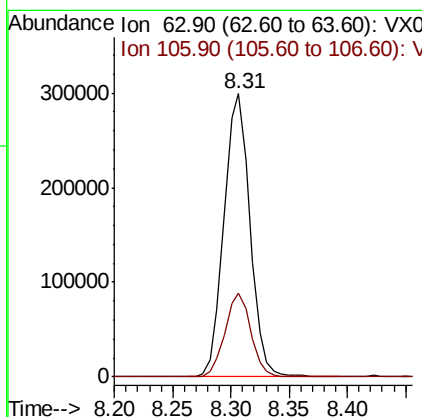
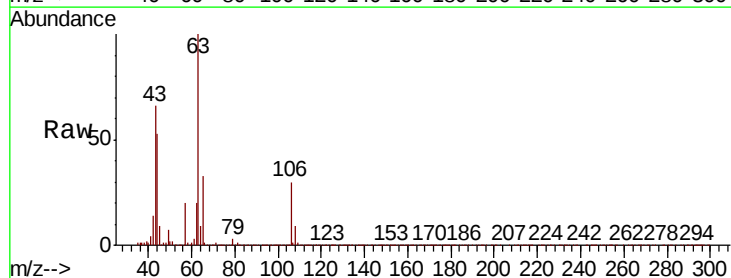
Acq: 25 Nov 2019 15:37

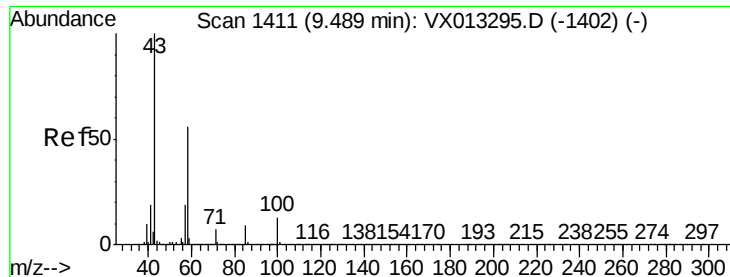
Tgt Ion: 63 Resp: 463266

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2





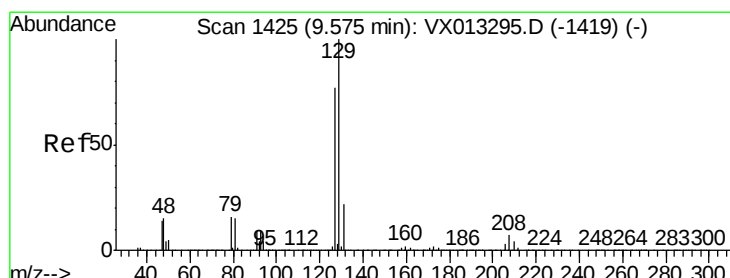
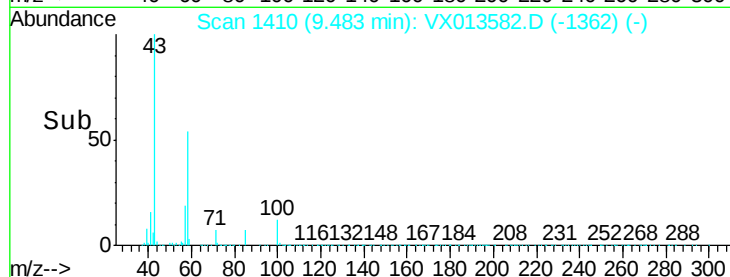
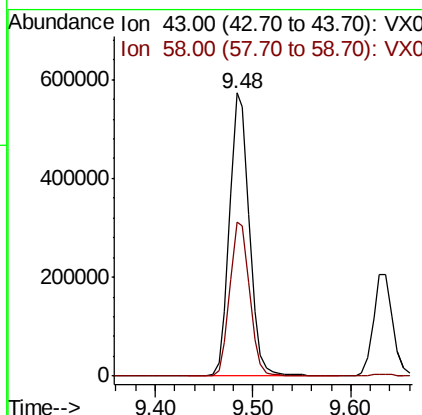
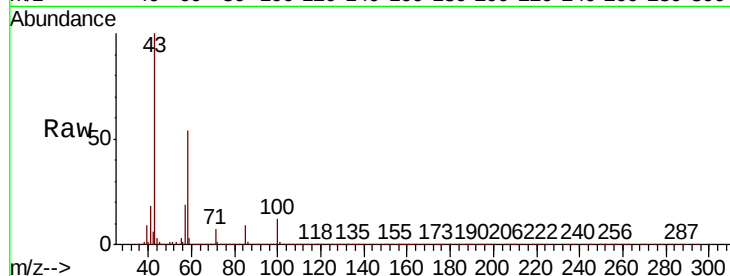
#59
2-Hexanone
Concen: 99.282 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.8	27.3	81.8

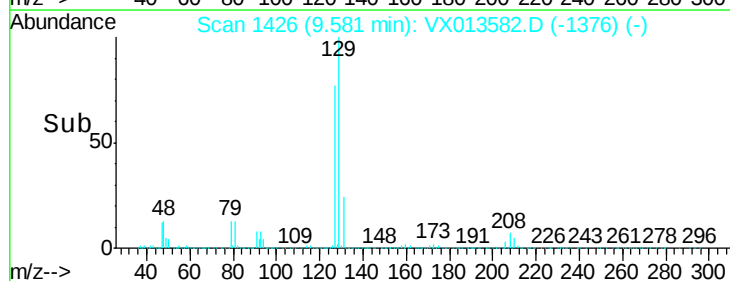
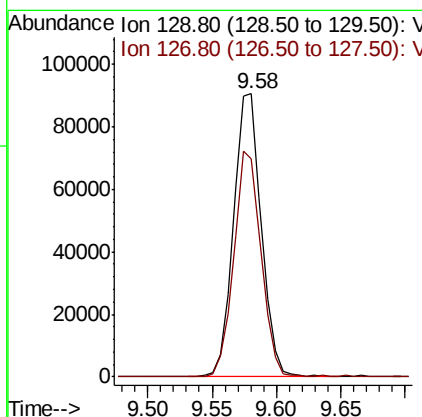
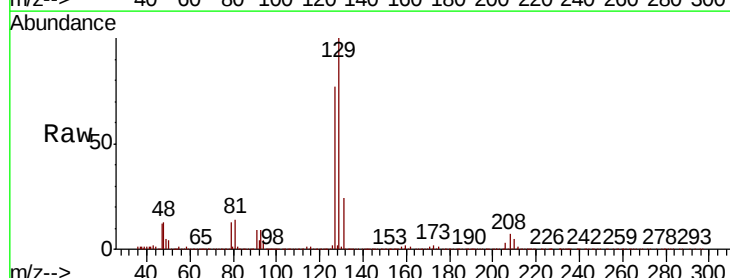
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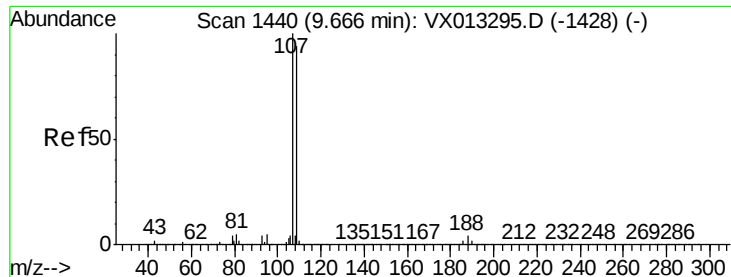
apatel
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#60
Dibromochloromethane
Concen: 19.950 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.1	117.2





#61

1,2-Dibromoethane

Concen: 19.577 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tot Ion: 107 Resp: 137859

Ion Ratio Lower Upper

107 100

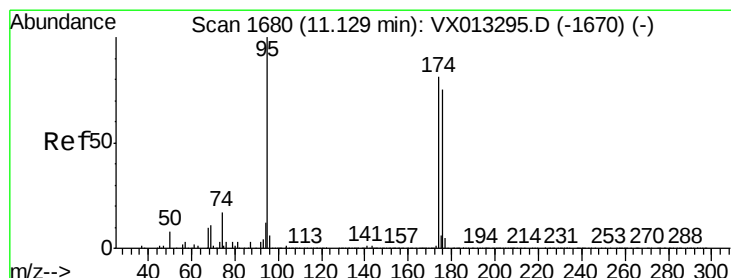
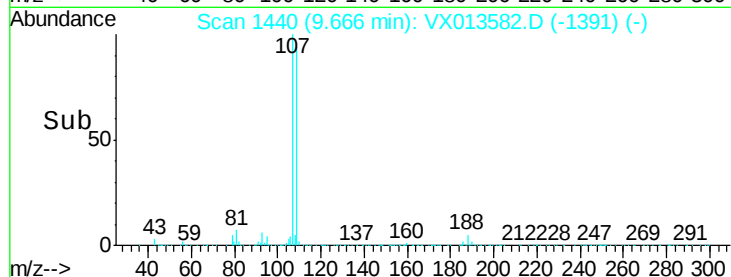
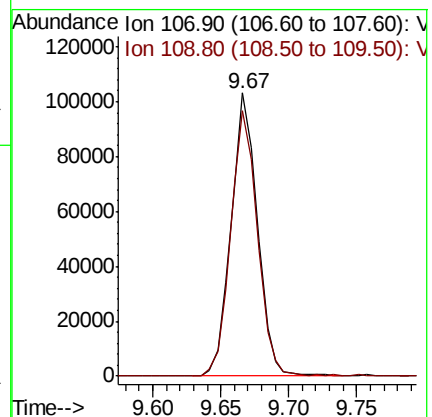
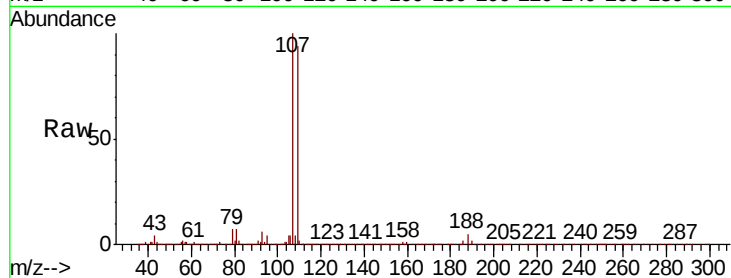
109 95.9 75.1 112.7

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 50.044 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

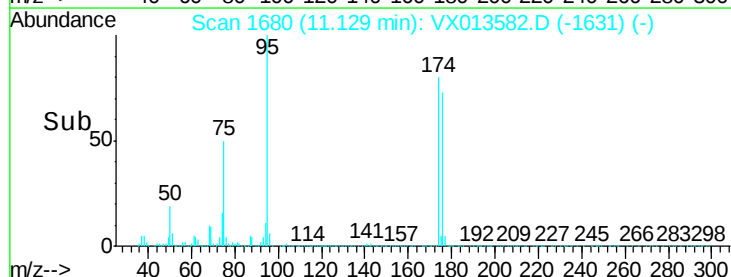
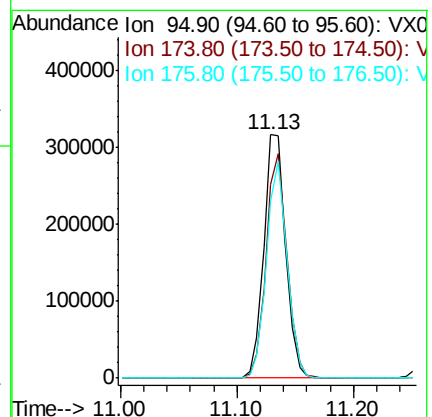
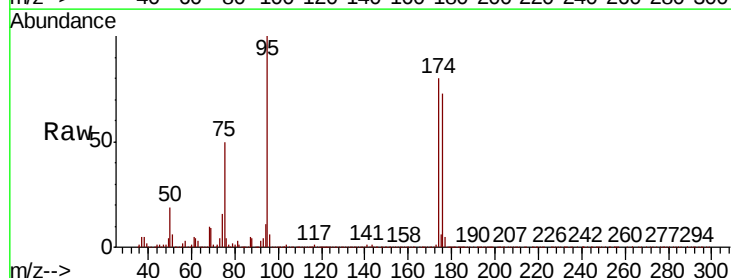
Tgt Ion: 95 Resp: 412534

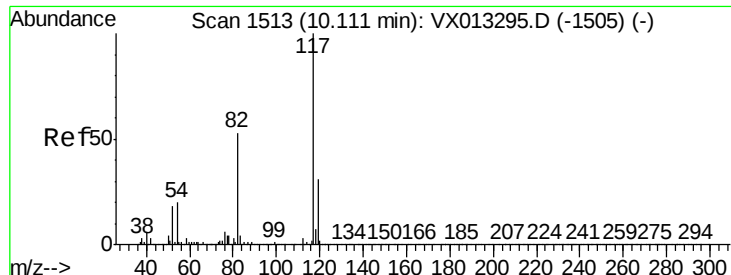
Ion Ratio Lower Upper

95 100

174 88.3 0.0 179.8

176 84.5 0.0 173.0





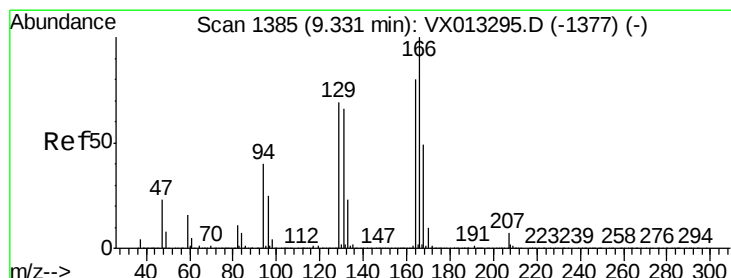
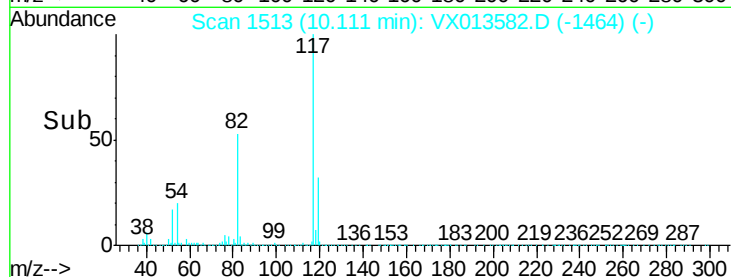
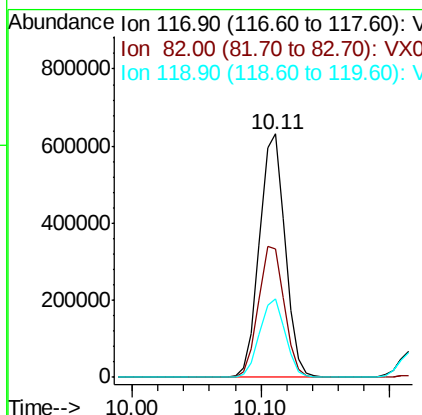
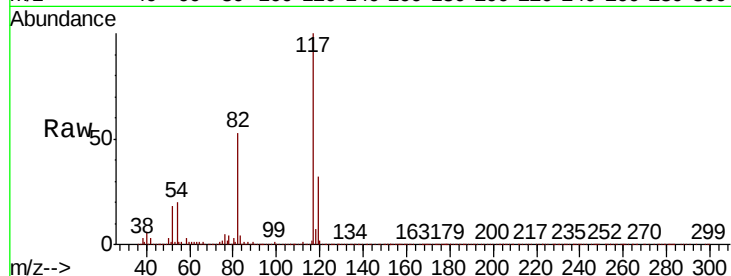
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.6	64.0
119	32.1	24.8	37.2

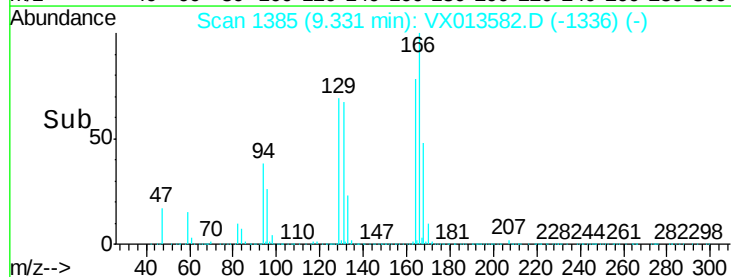
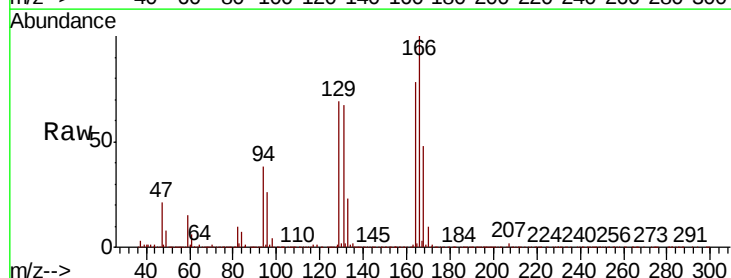
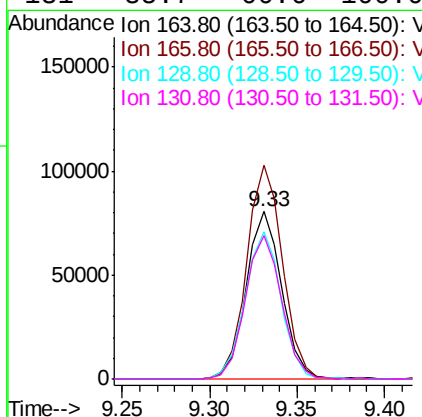
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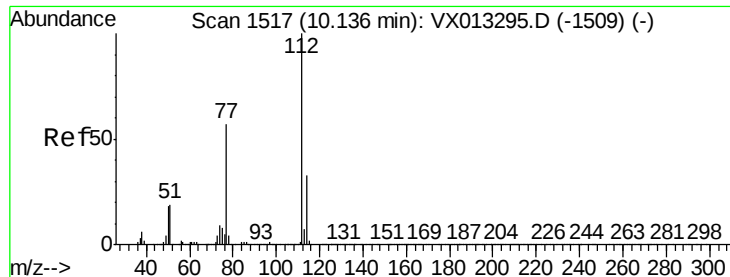
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#64
Tetrachloroethene
Concen: 18.424 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	100.4	150.6
129	88.2	69.4	104.2
131	85.7	66.6	100.0





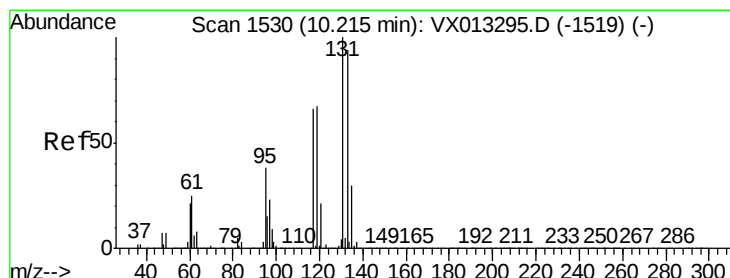
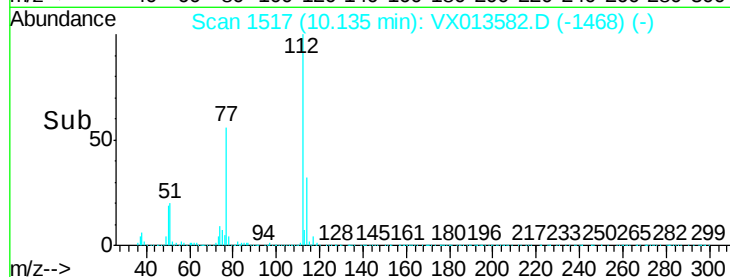
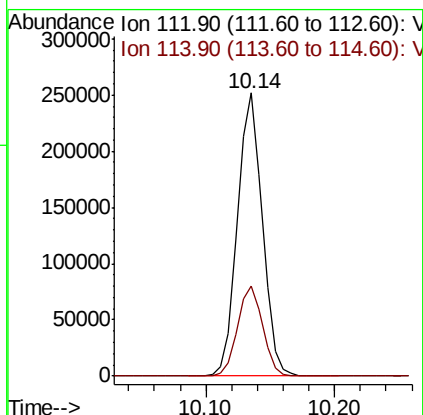
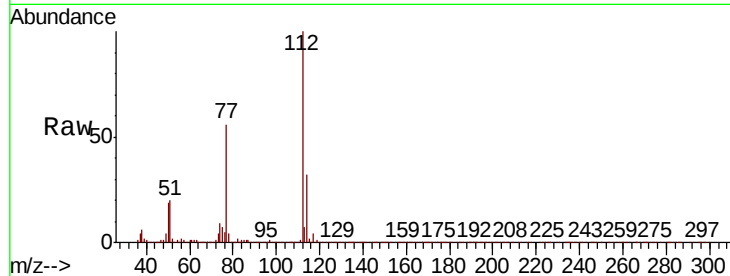
#65
Chlorobenzene
Concen: 19.340 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	338634		
114	31.9	26.4	39.6	

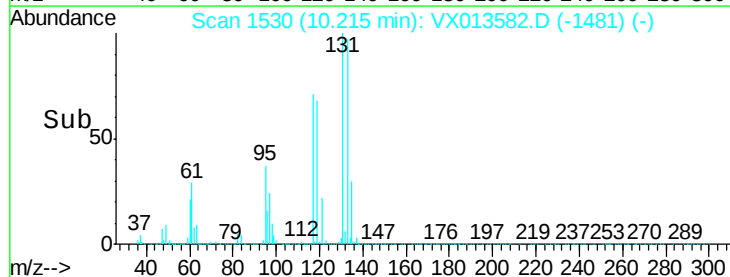
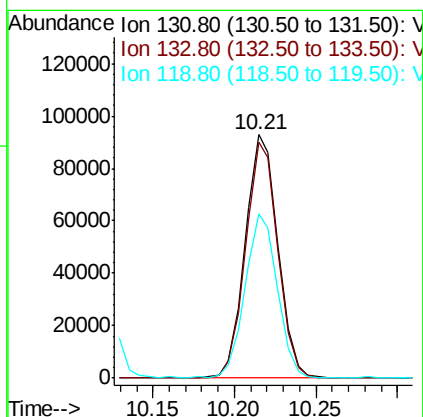
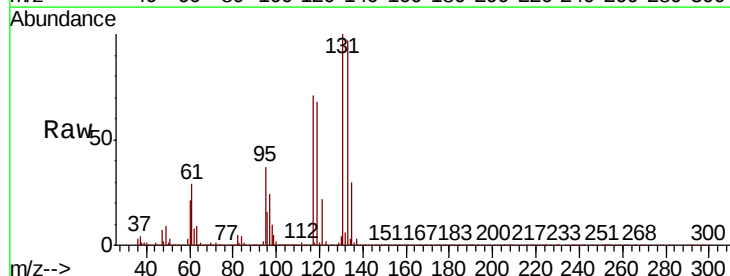
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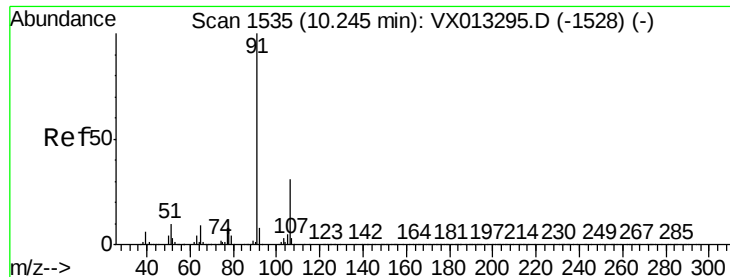
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.170 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	129675		
133	95.6	48.0	144.0	
119	66.4	33.0	99.0	





#67

Ethyl Benzene

Concen: 19.116 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tot Ion: 91 Resp: 577684

Ion Ratio Lower Upper

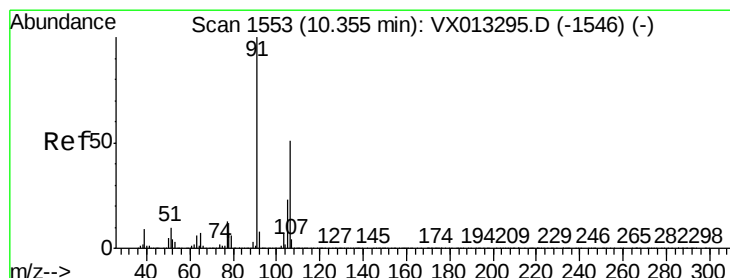
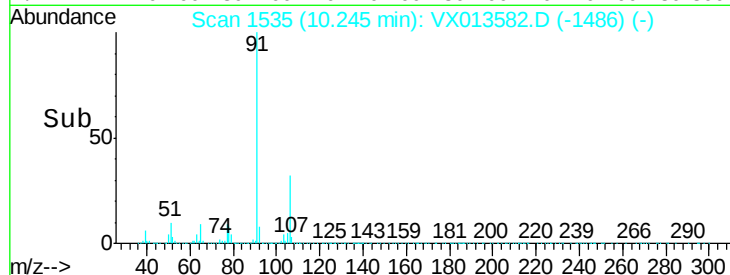
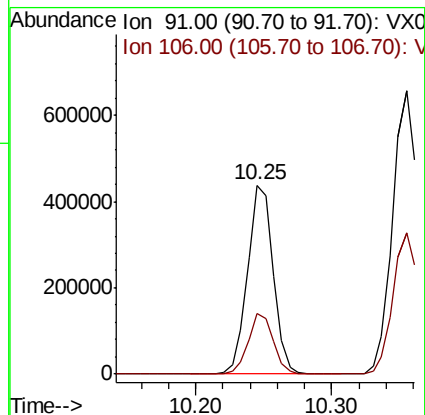
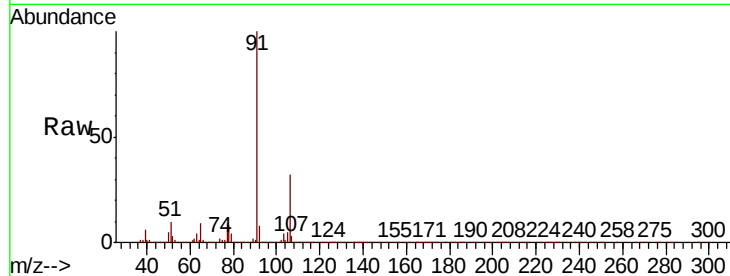
91 100

106 32.0 24.6 36.8

Manual Integrations
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#68

m/p-Xylenes

Concen: 38.550 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013582.D

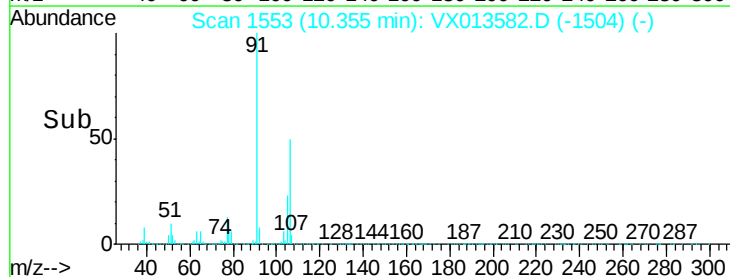
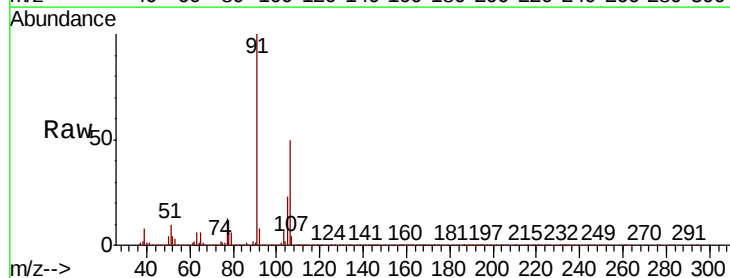
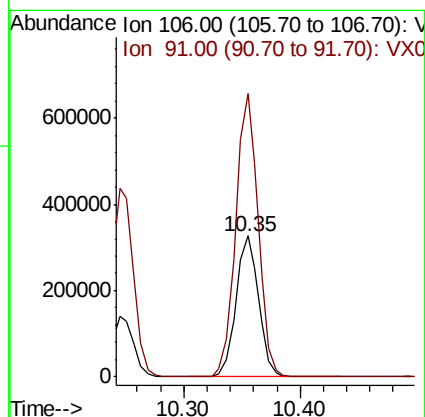
Acq: 25 Nov 2019 15:37

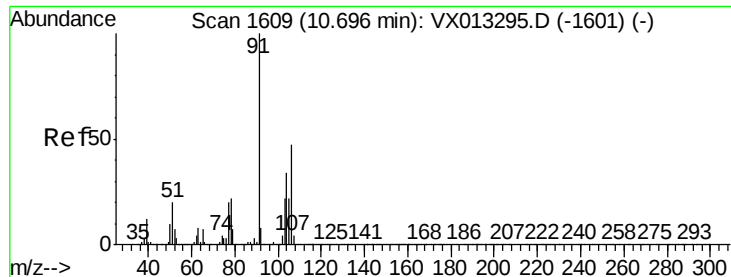
Tgt Ion: 106 Resp: 440579

Ion Ratio Lower Upper

106 100

91 199.8 159.3 238.9





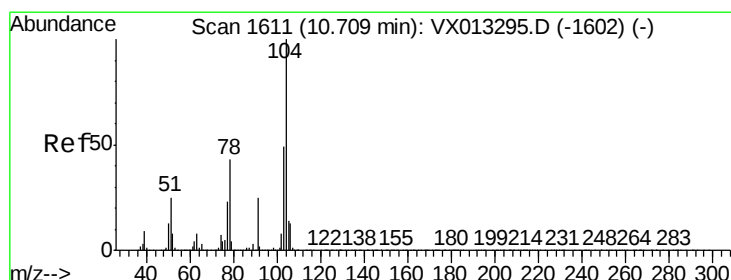
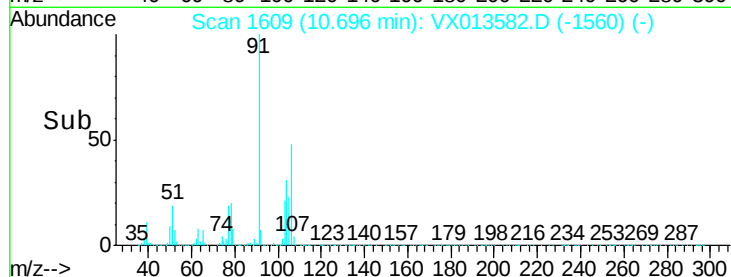
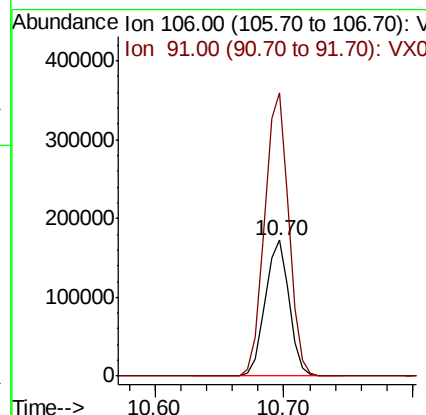
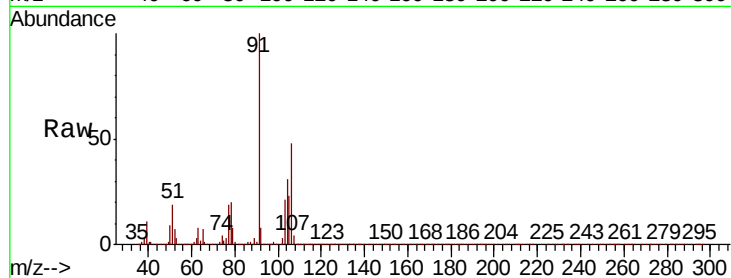
#69
o-Xylene
Concen: 19.634 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.3	105.7	317.0

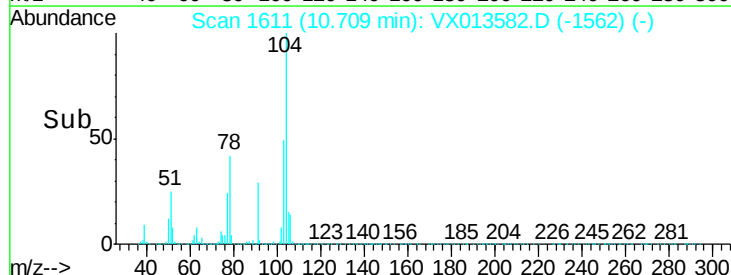
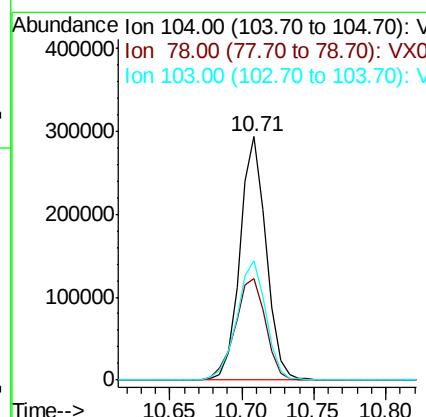
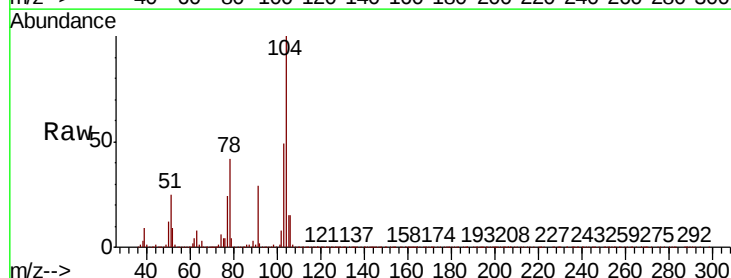
Manual Integrations
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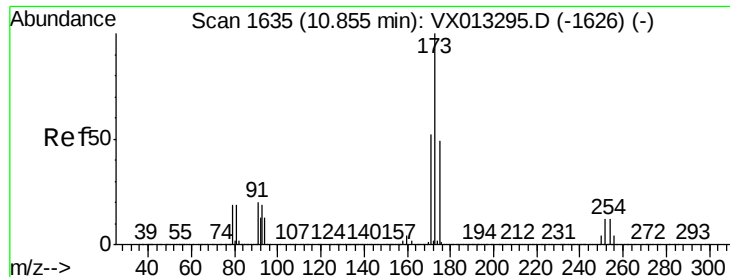
apatel
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#70
Styrene
Concen: 19.874 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	40.0	60.0
103	54.8	44.1	66.1





#71

Bromoform

Concen: 19.206 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tot Ion:173 Resp: 101927

Ion Ratio Lower Upper

173 100

175 49.8 24.8 74.4

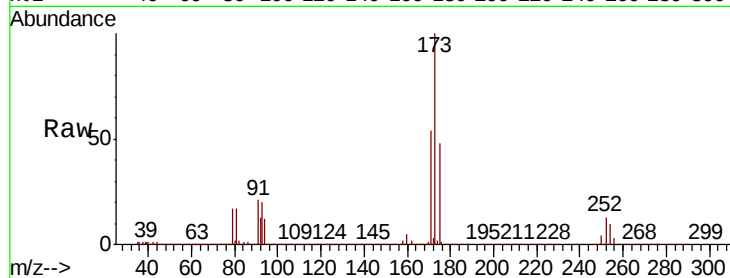
254 0.2 0.2 0.2

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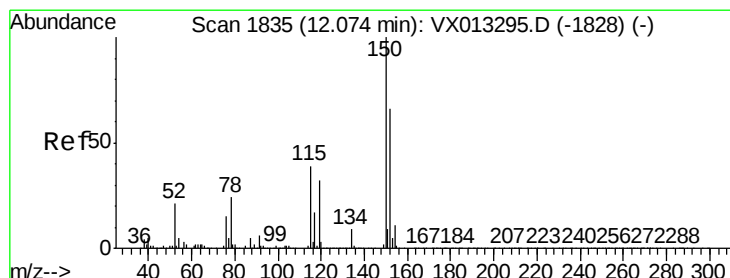
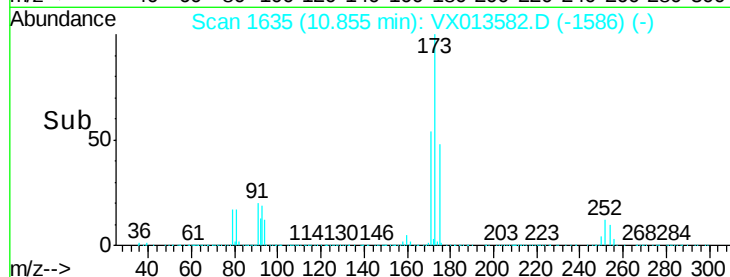
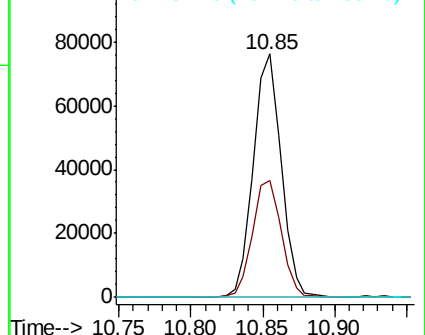
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

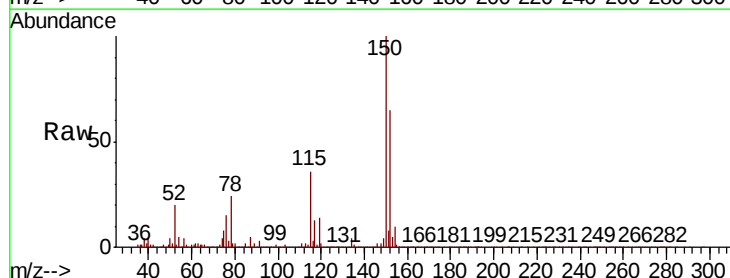
Tgt Ion:152 Resp: 436289

Ion Ratio Lower Upper

152 100

115 63.1 39.5 118.3

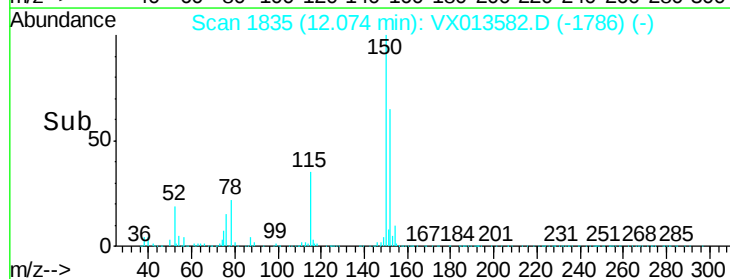
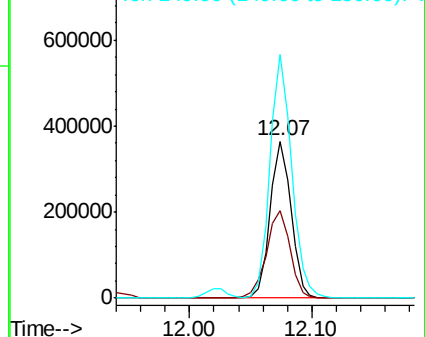
150 160.6 0.0 344.4

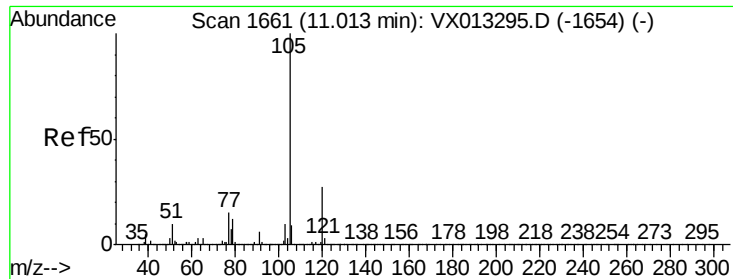


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.928 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tot Ion: 105 Resp: 576453

Ion Ratio Lower Upper

105 100

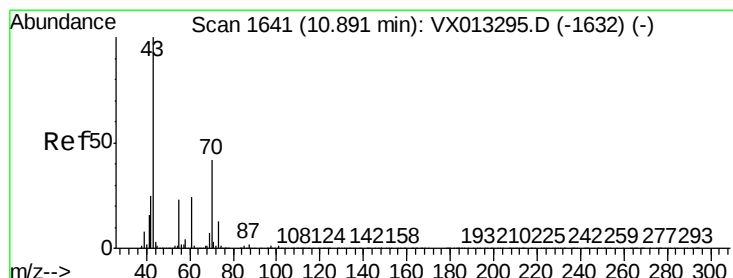
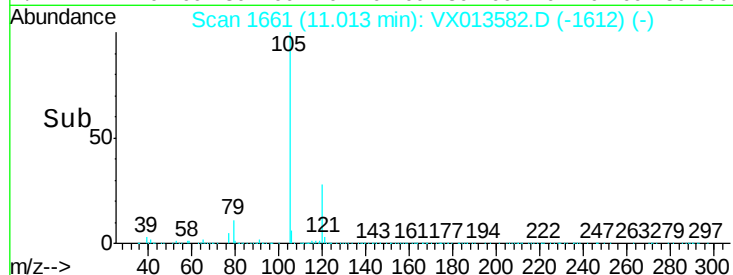
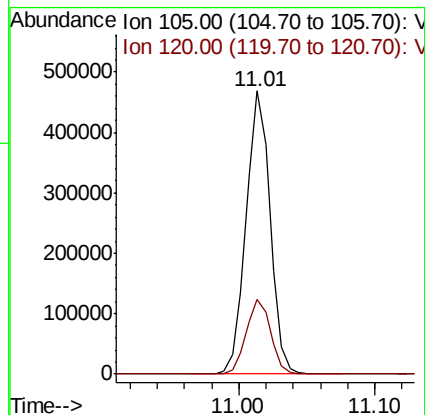
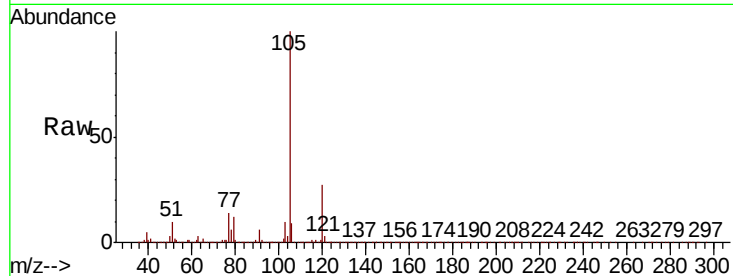
120 26.9

13.5 40.5

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#74

N-ethyl acetate

Concen: 20.993 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Tgt Ion: 43 Resp: 281603

Ion Ratio Lower Upper

43 100

70 42.1

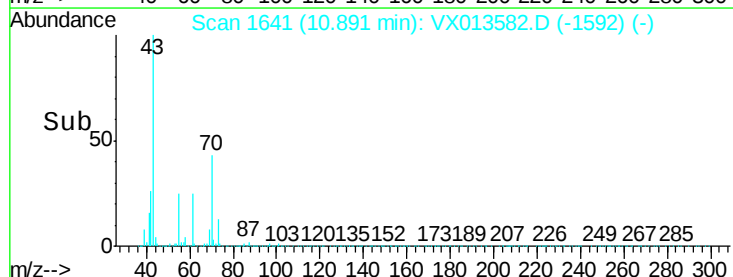
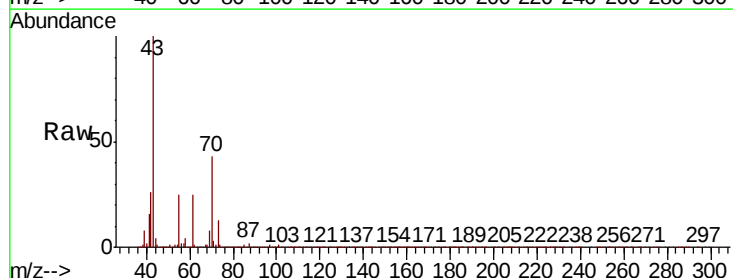
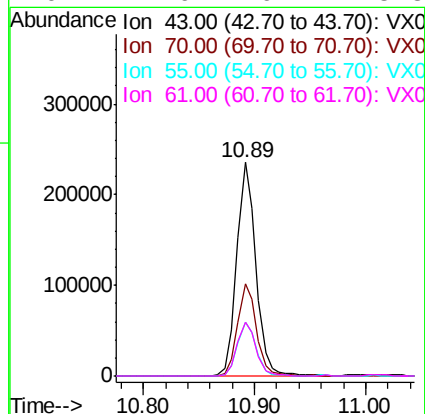
34.1 51.1

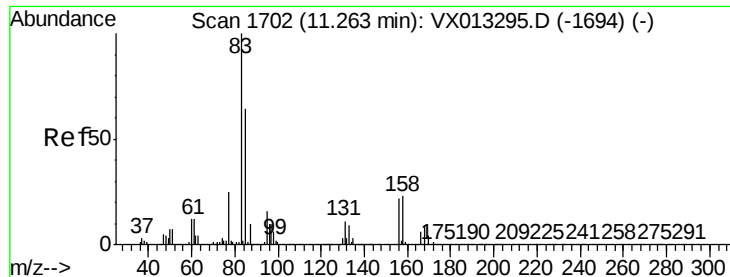
55 24.4

18.9 28.3

61 24.6

19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.683 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tot Ion: 83 Resp: 218266

Ion Ratio Lower Upper

83 100

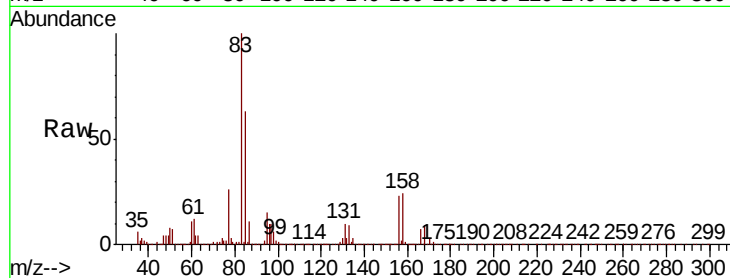
131 10.1 5.1 15.3

85 64.7 32.3 96.8

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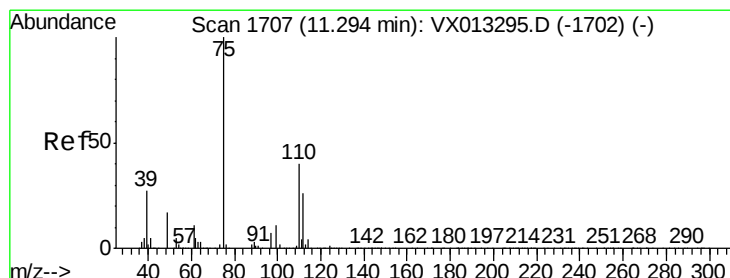
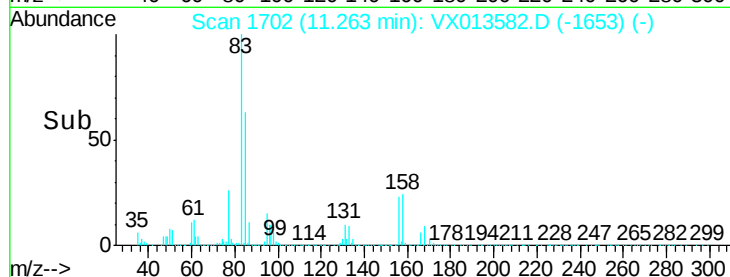
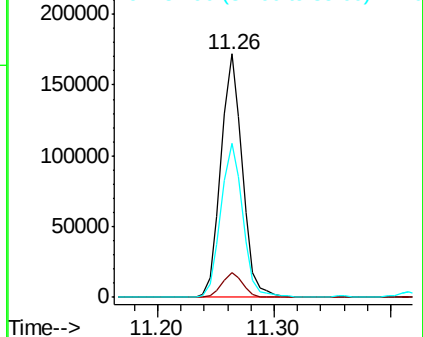
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.239 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013582.D

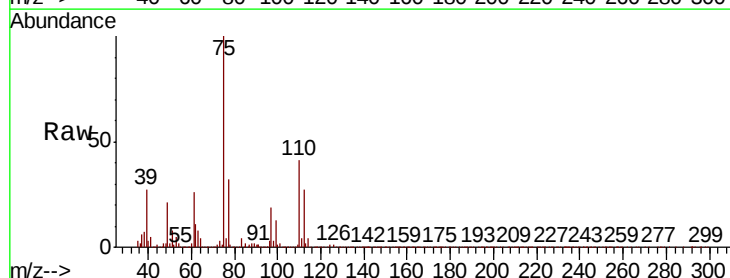
Acq: 25 Nov 2019 15:37

Tgt Ion: 75 Resp: 197071

Ion Ratio Lower Upper

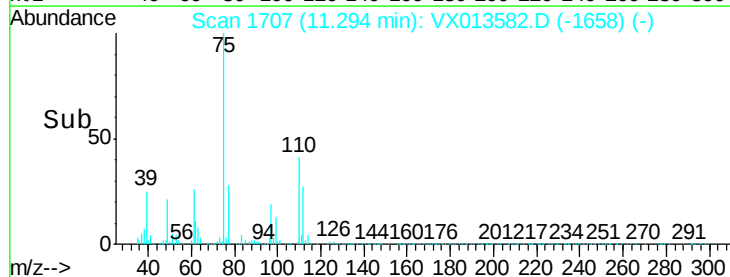
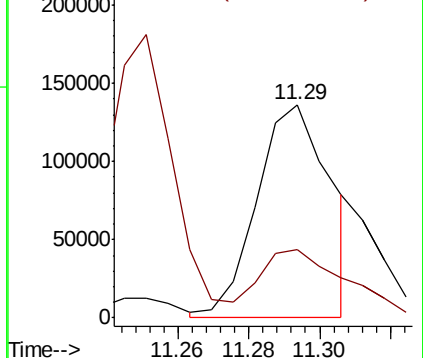
75 100

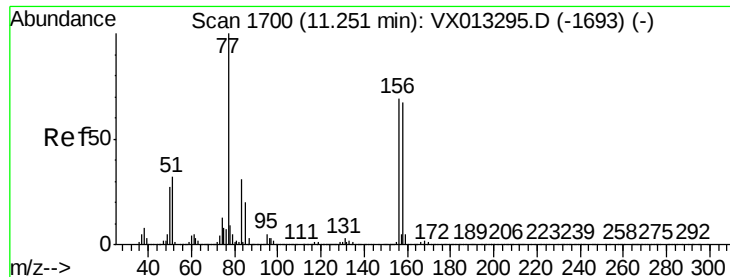
77 37.8 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.965 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

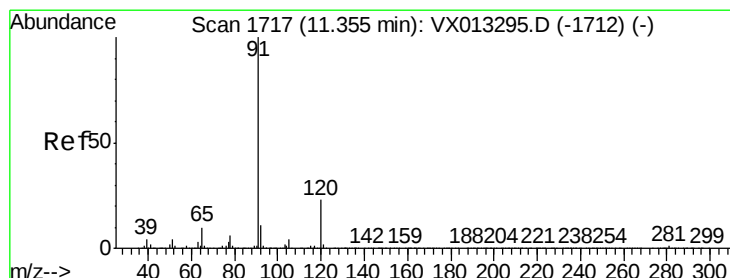
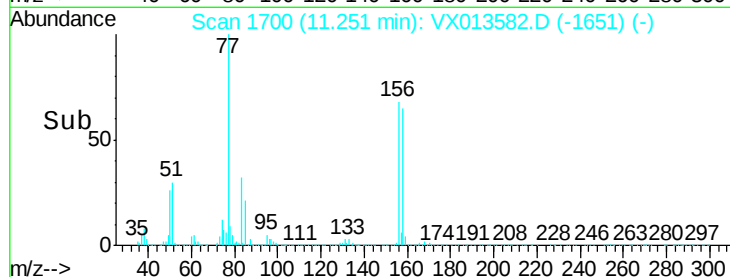
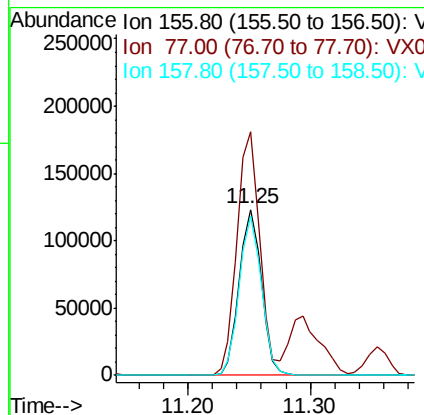
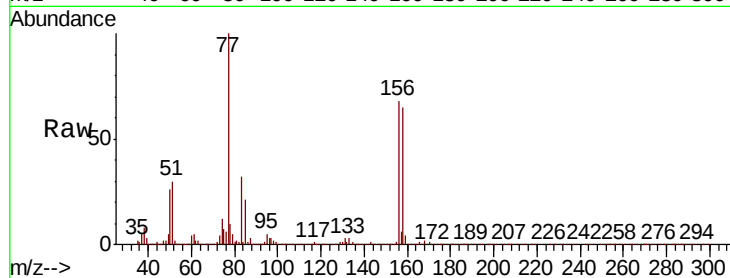
ClientSampleId :

VX1125WBS01

Tot Ion:	156	Resp:	153957
Ion Ratio	Lower	Upper	
156	100		
77	151.5	75.8	227.4
158	97.0	47.6	142.8

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#78

n-propylbenzene

Concen: 19.752 ug/l

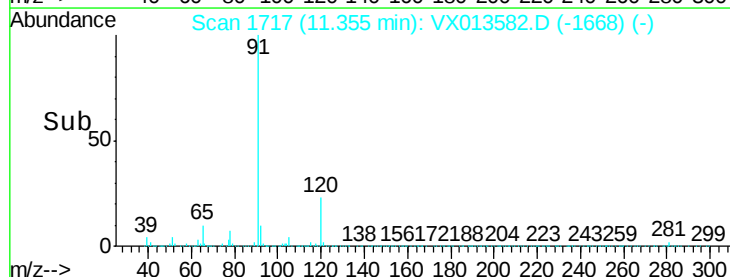
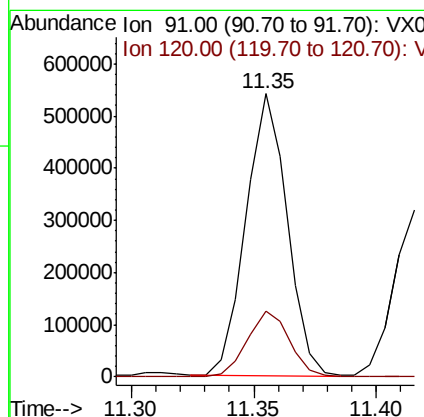
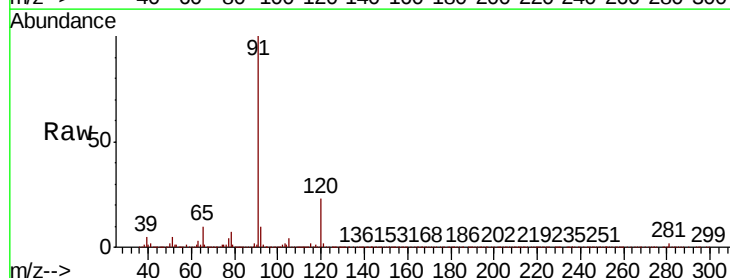
RT: 11.35 min Scan# 1717

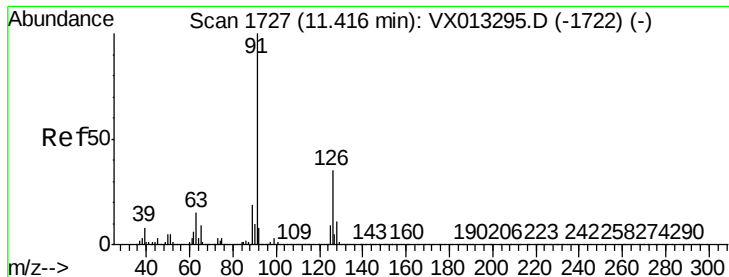
Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Tgt Ion:	91	Resp:	636469
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.6	34.8





#79

2-Chlorotoluene

Concen: 20.259 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tot Ion: 91 Resp: 393305

Ion Ratio Lower Upper

91 100

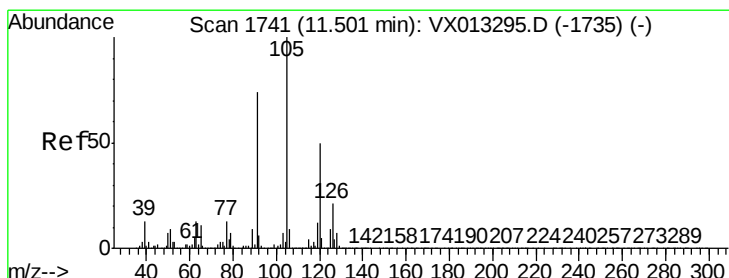
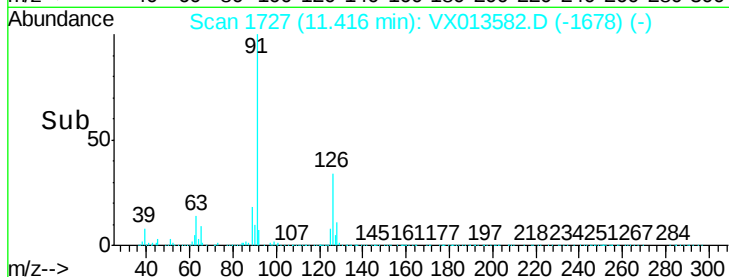
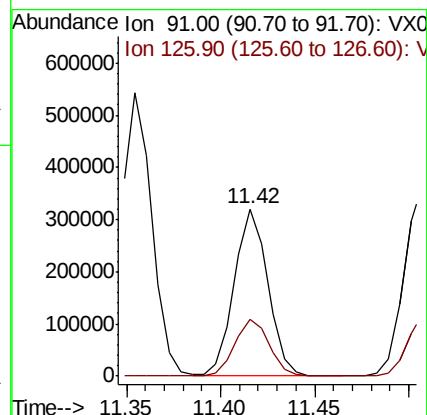
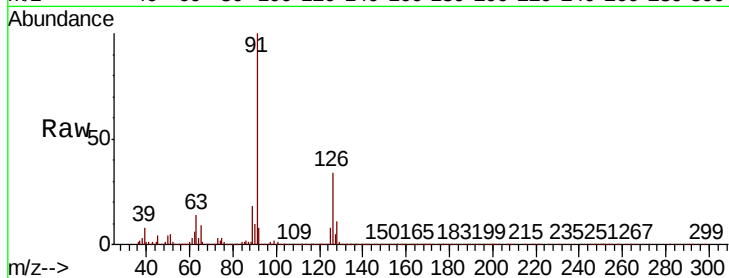
126 35.0 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.796 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013582.D

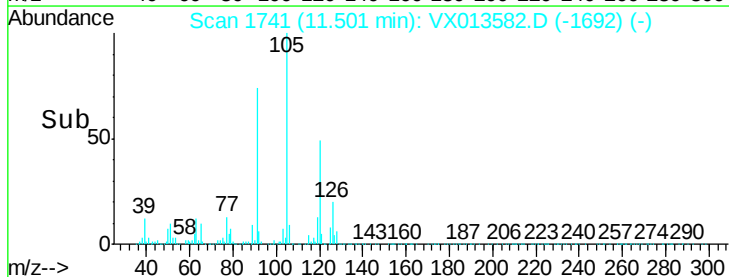
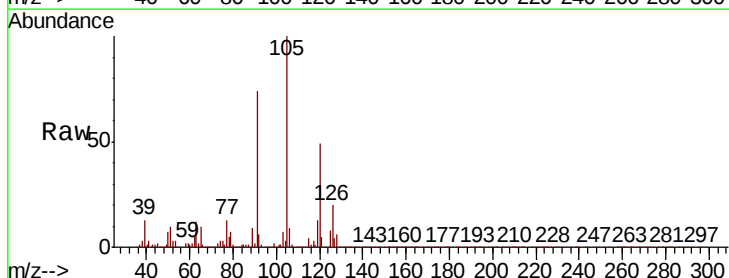
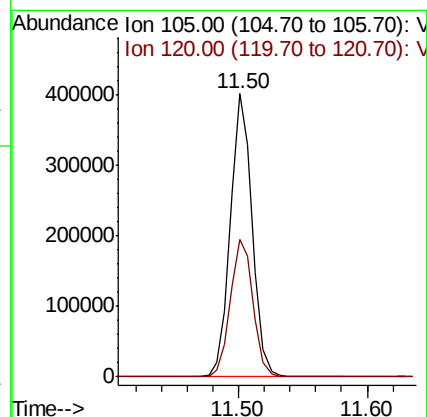
Acq: 25 Nov 2019 15:37

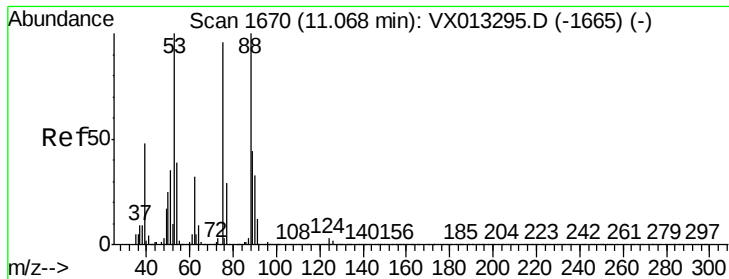
Tgt Ion: 105 Resp: 476967

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.989 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

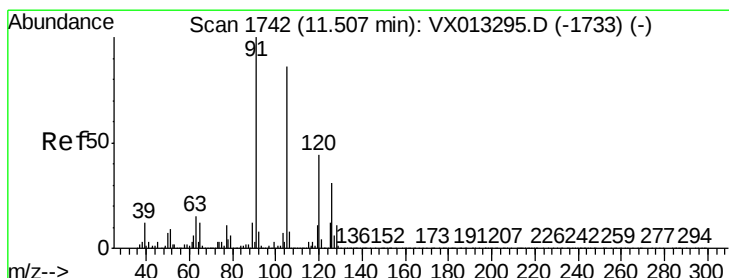
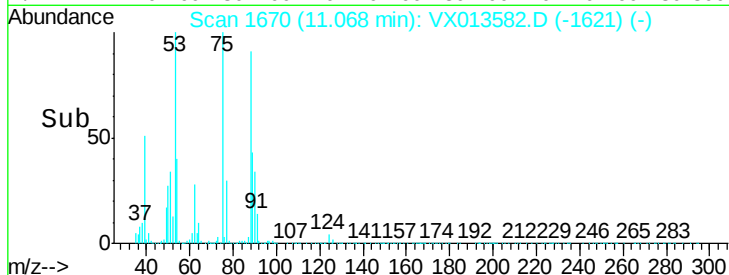
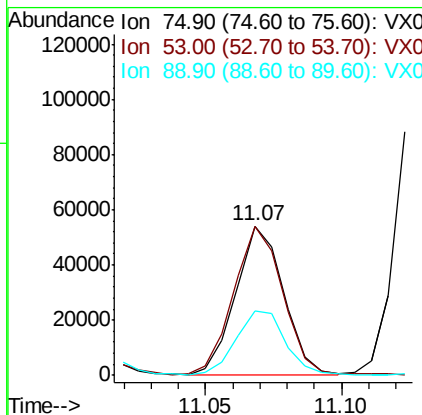
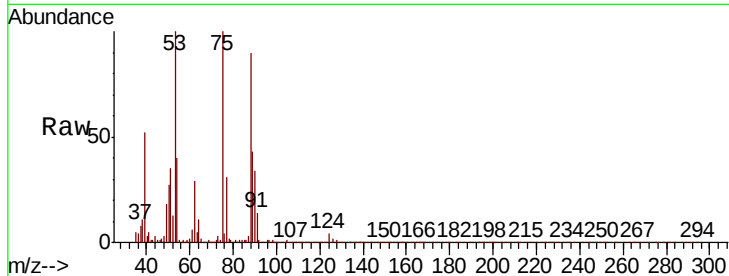
ClientSampleId :

VX1125WBS01

Tot Ion:	75	Resp:	65374
Ion	Ratio	Lower	Upper
75	100		
53	102.8	81.0	121.6
89	44.2	36.0	54.0

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#82

4-Chlorotoluene

Concen: 19.589 ug/l

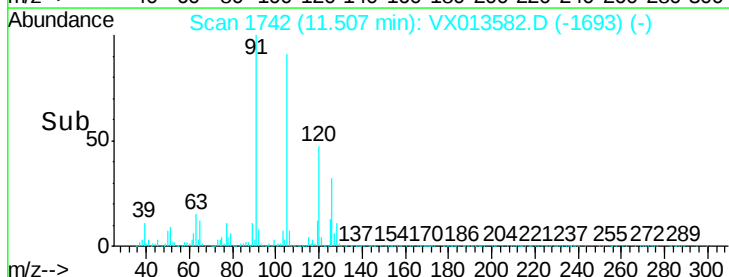
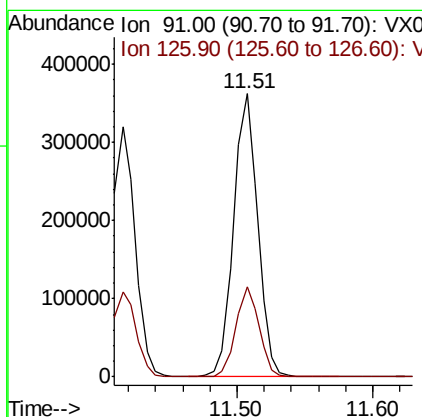
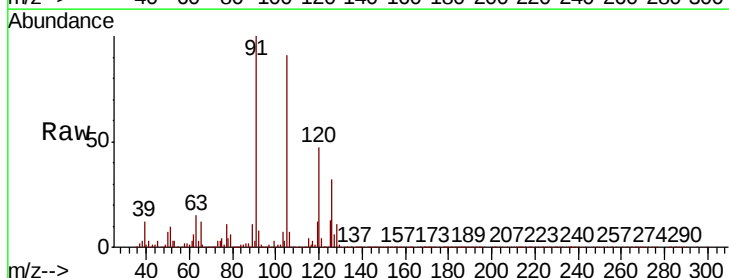
RT: 11.51 min Scan# 1742

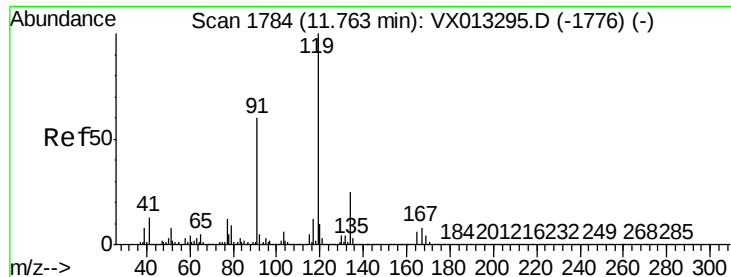
Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Tgt Ion:	91	Resp:	445187
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.3	45.8





#83

tert-Butylbenzene

Concen: 20.222 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

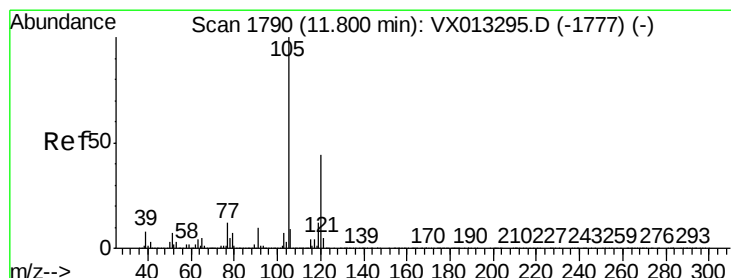
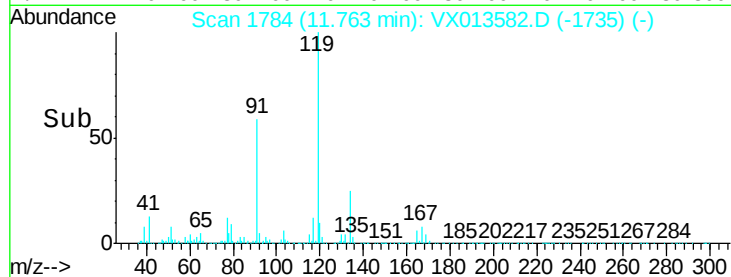
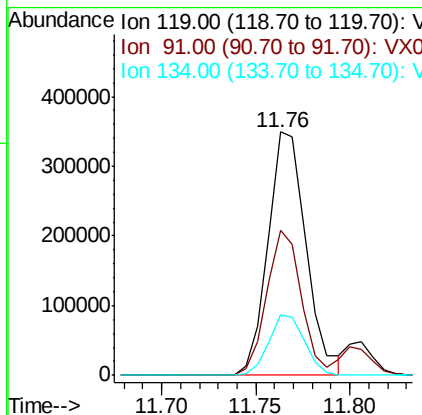
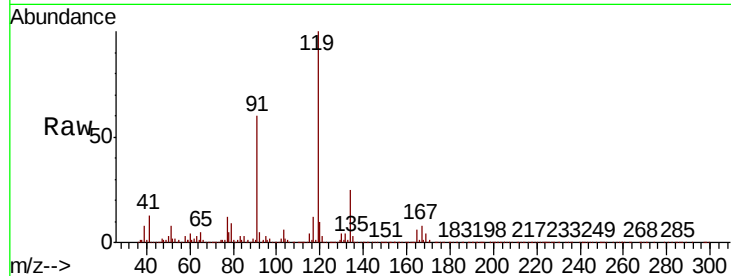
ClientSampleId :

VX1125WBS01

Tot Ion:	119	Resp:	490475
Ion Ratio	Lower	Upper	
119	100		
91	54.2	26.9	80.7
134	23.5	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 20.211 ug/l

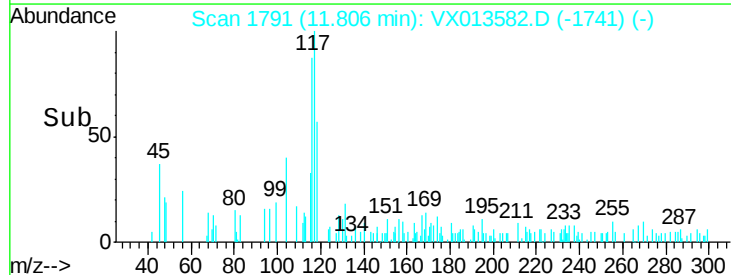
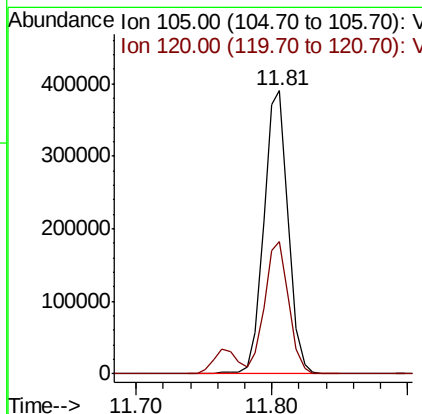
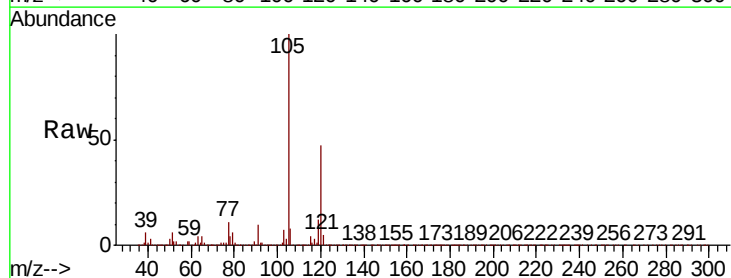
RT: 11.81 min Scan# 1791

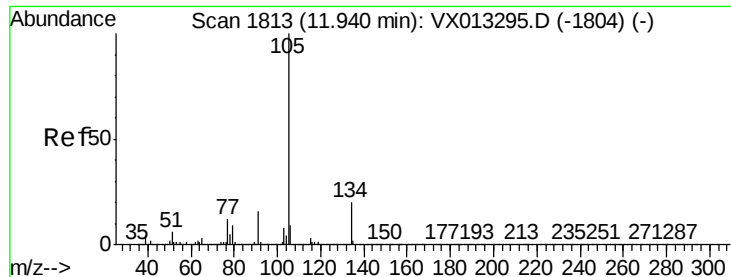
Delta R.T. 0.01 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Tgt Ion:	105	Resp:	488502
Ion Ratio	Lower	Upper	
105	100		
120	46.3	22.7	68.1





#85

sec-Butylbenzene

Concen: 20.109 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBS01

Tot Ion:105 Resp: 560536

Ion Ratio Lower Upper

105 100

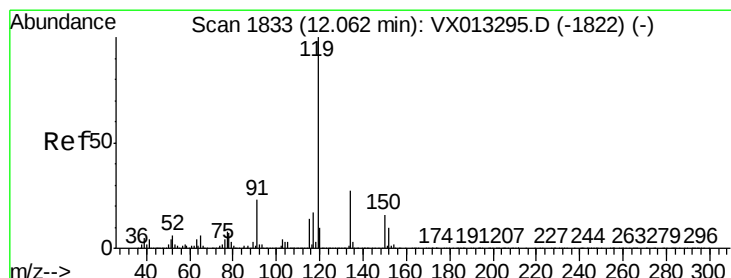
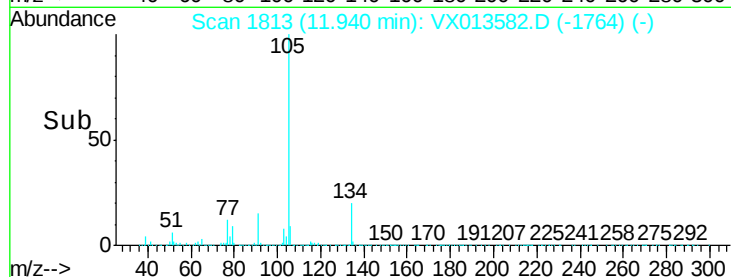
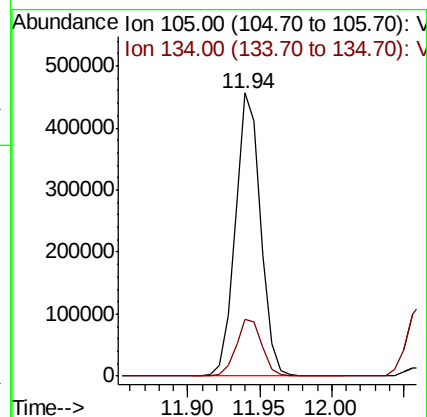
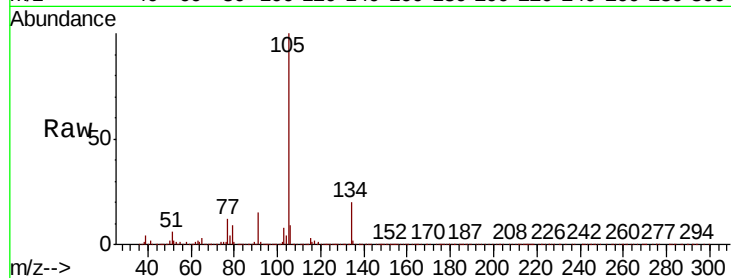
134 20.4 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 19.747 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

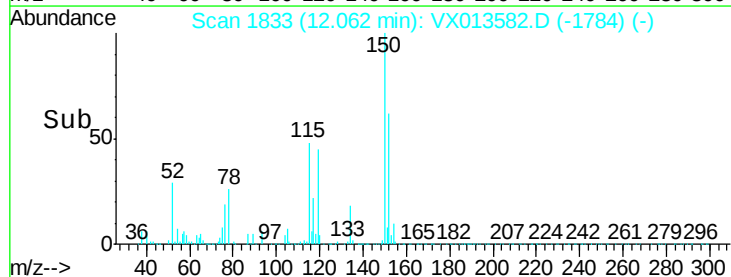
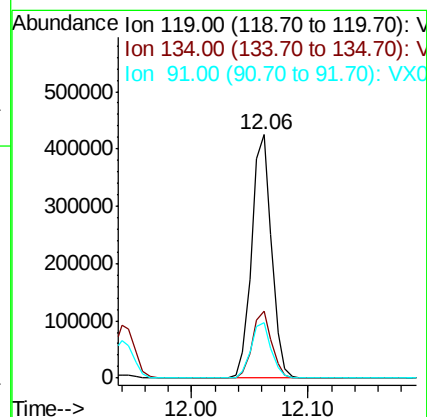
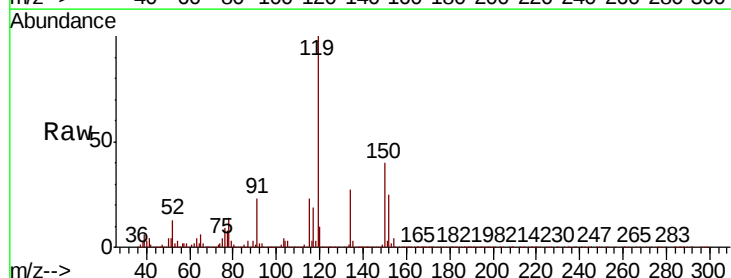
Tgt Ion:119 Resp: 506875

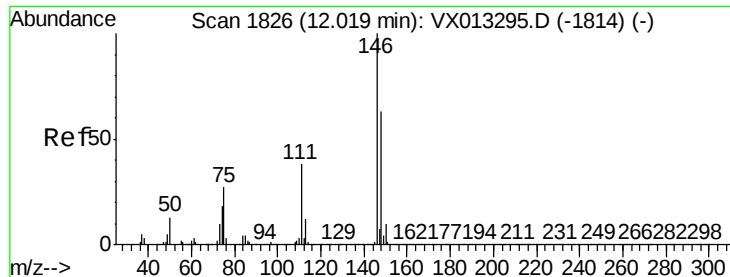
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.0 11.5 34.4





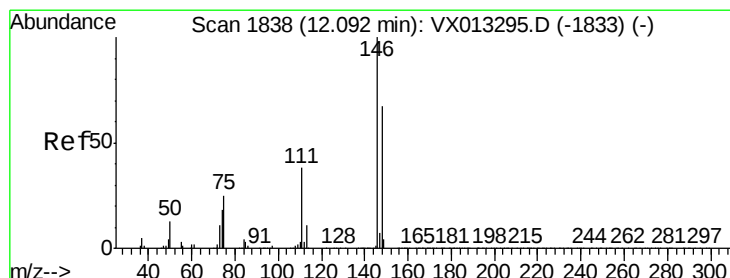
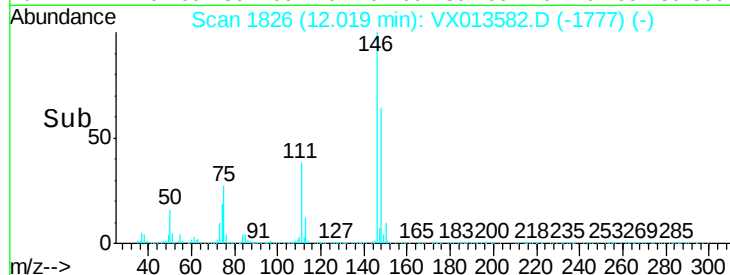
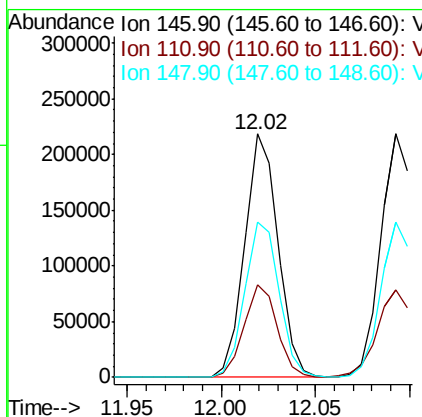
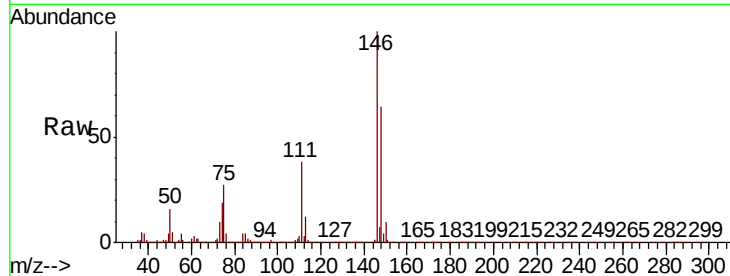
#87
 1,3-Dichlorobenzene
 Concen: 19.531 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	65.8	31.9	95.7

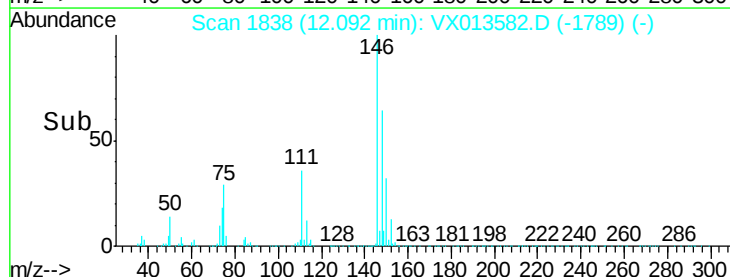
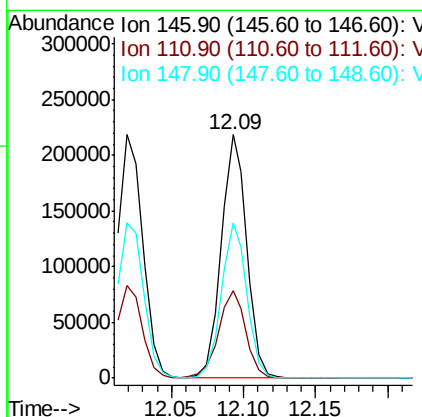
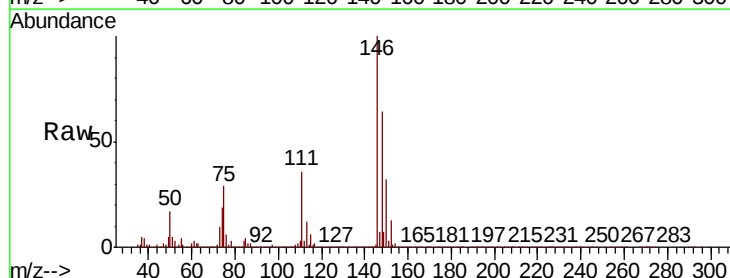
Manual Integrations
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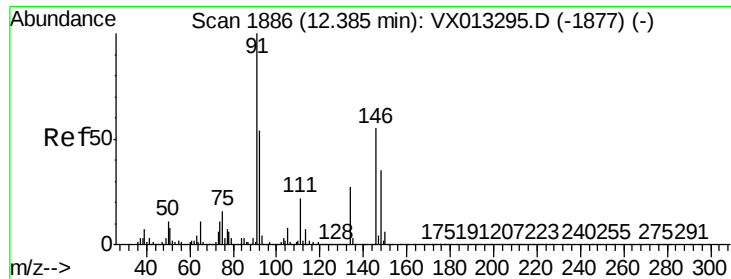
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 19.332 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.8	56.4
148	64.0	32.4	97.0





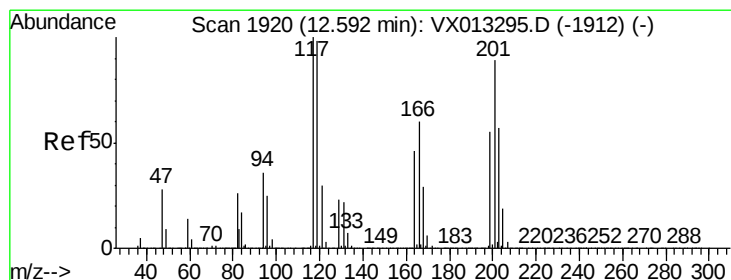
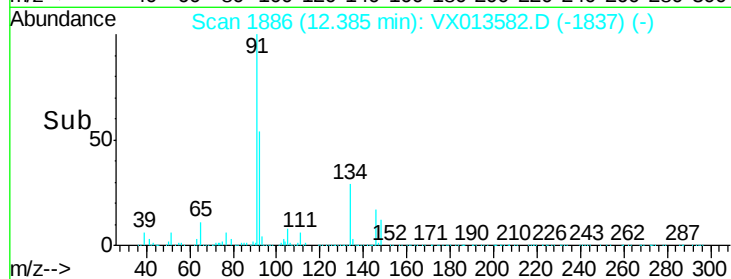
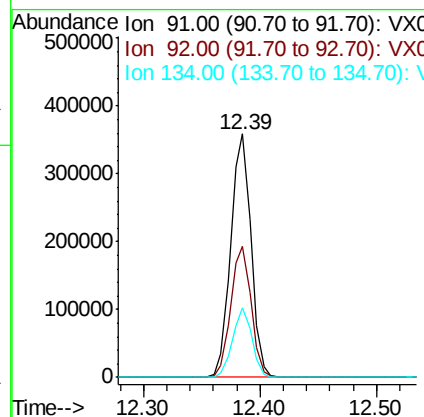
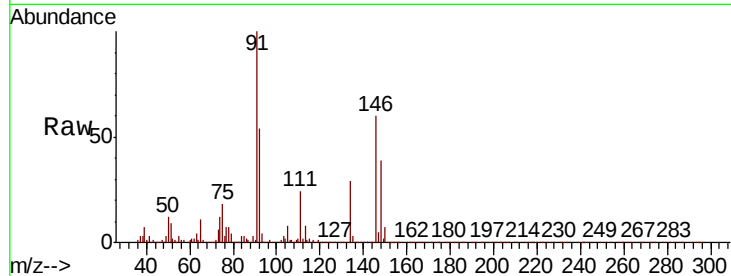
#89
n-Butylbenzene
Concen: 19.259 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.3	81.8
134	27.5	13.5	40.5

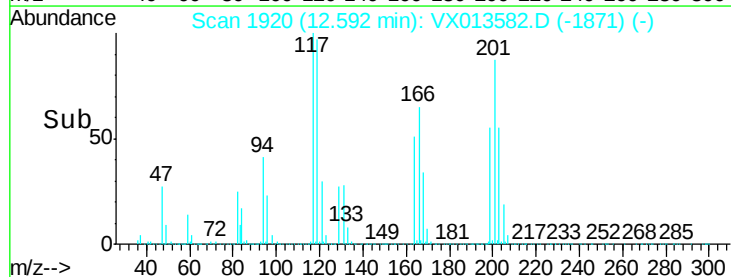
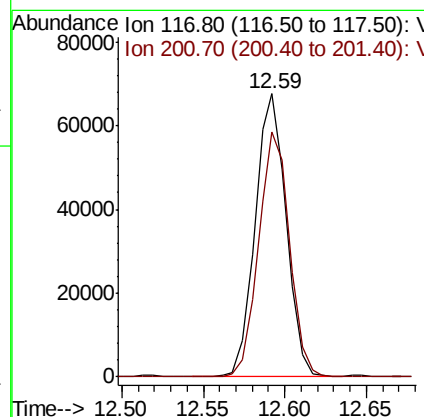
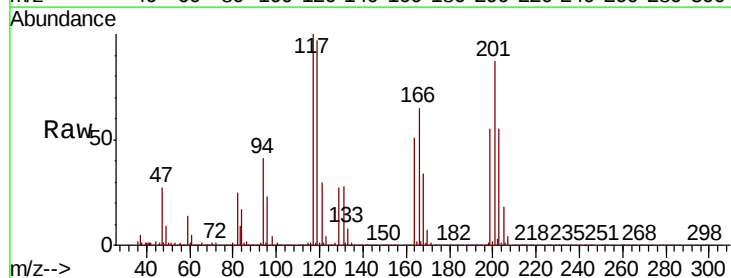
Manual Integrations
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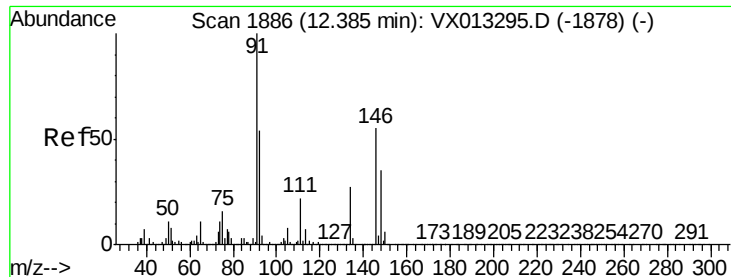
apatel
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#90
Hexachloroethane
Concen: 19.448 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.5	43.9	131.7





#91

1,2-Dichlorobenzene

Concen: 20.031 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Instrument :

MSVOA_X

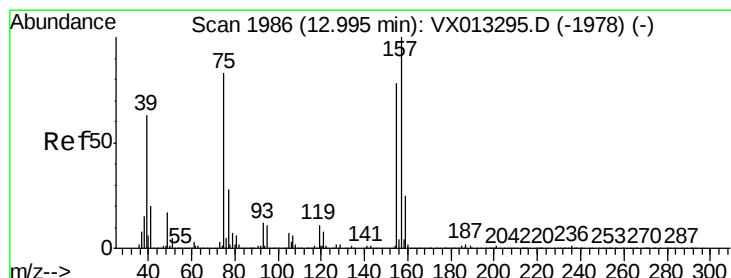
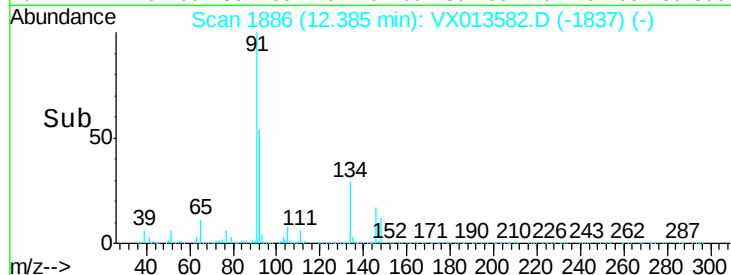
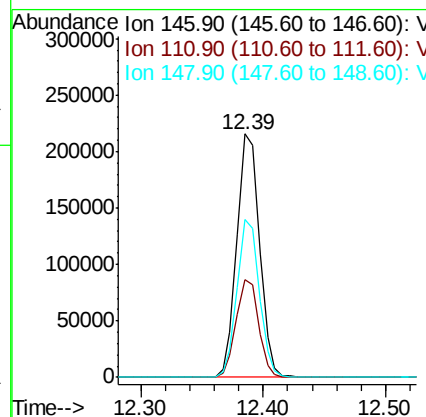
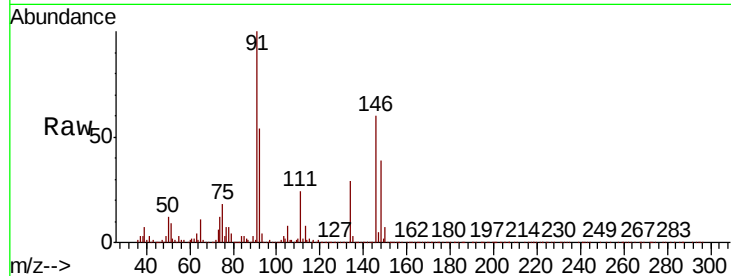
ClientSampleId :

VX1125WBS01

Tot Ion:	146	Resp:	275232
Ion Ratio	Lower	Upper	
146	100		
111	40.1	20.1	60.2
148	64.1	32.0	96.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.726 ug/l

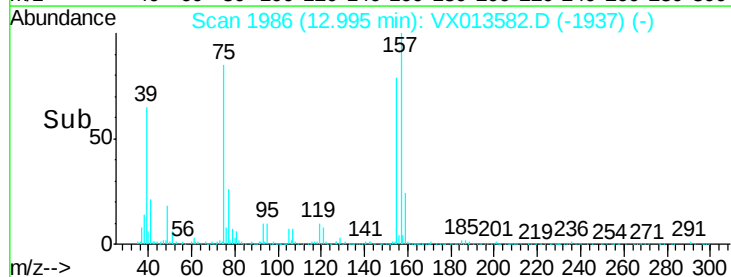
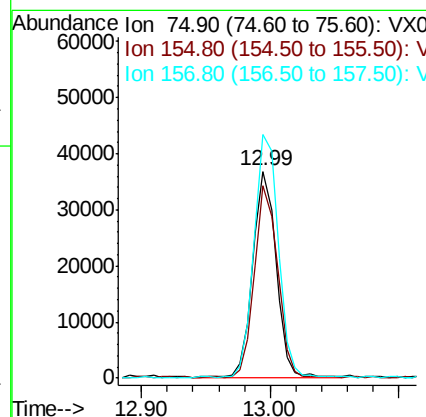
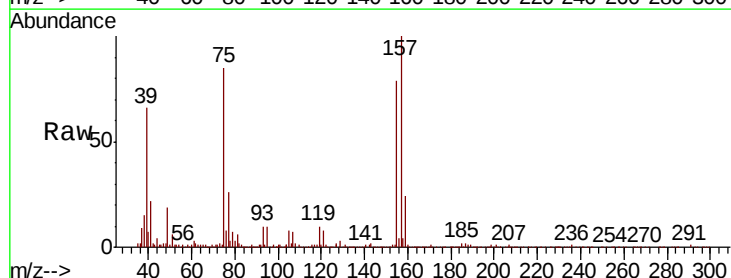
RT: 12.99 min Scan# 1986

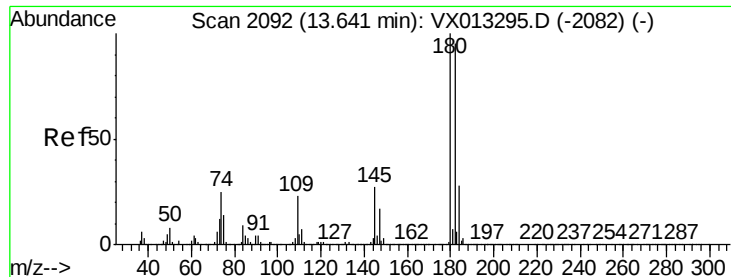
Delta R.T. -0.00 min

Lab File: VX013582.D

Acq: 25 Nov 2019 15:37

Tgt Ion:	75	Resp:	45574
Ion Ratio	Lower	Upper	
75	100		
155	92.8	47.1	141.4
157	122.3	61.3	183.8





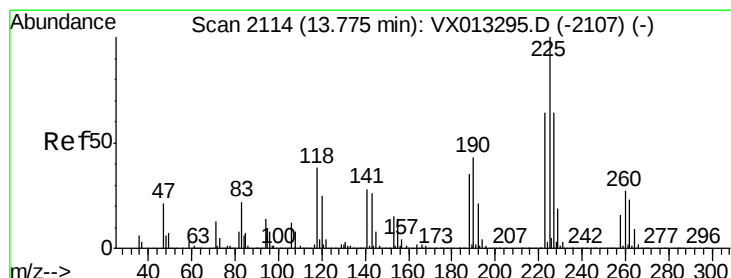
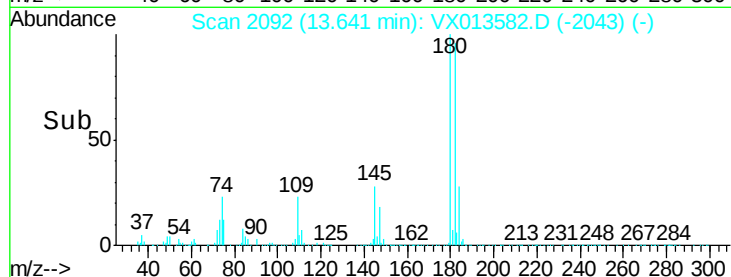
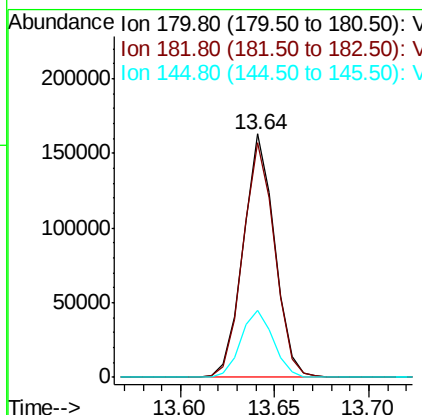
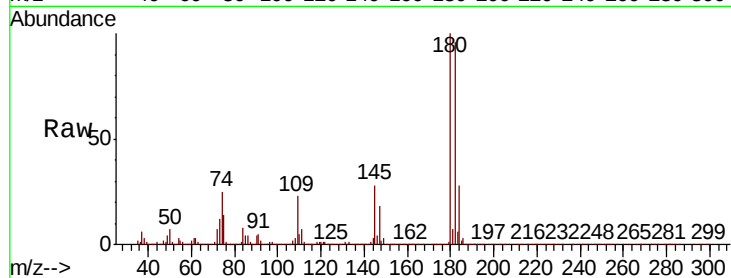
#93
 1,2,4-Trichlorobenzene
 Concen: 19.595 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	187807		
182	97.9	48.4	145.0	
145	28.1	14.1	42.4	

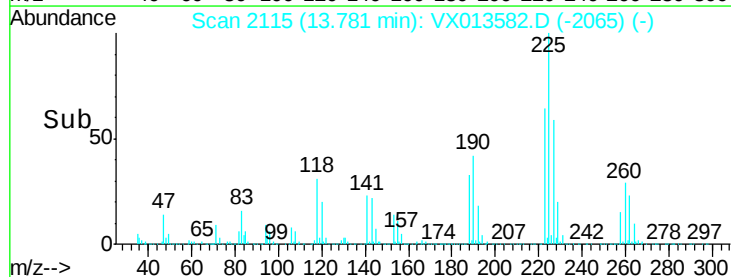
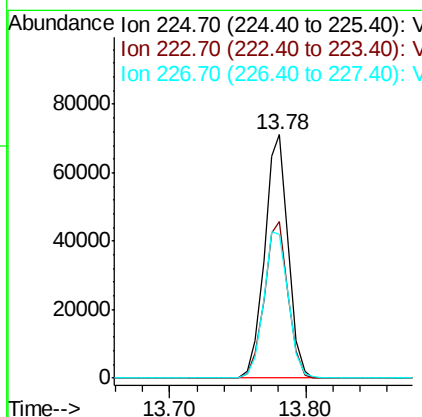
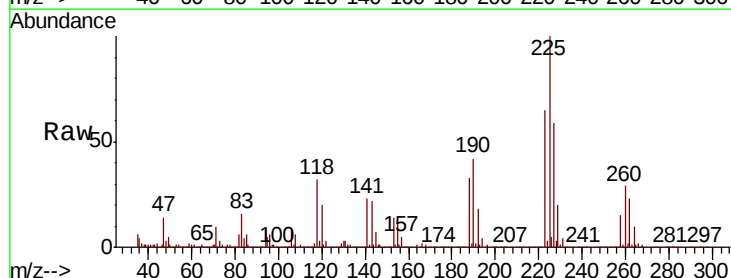
Manual Integrations
 APPROVED

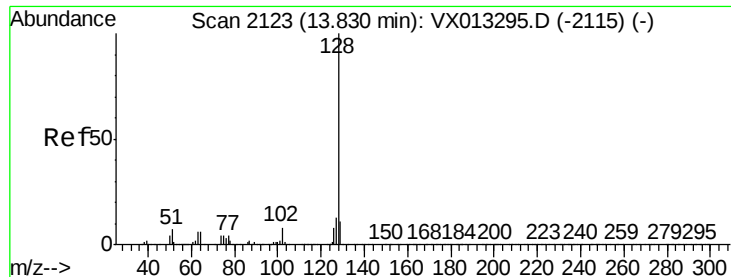
apatel
 11/27/2019 12:13:22 PM



#94
 Hexachlorobutadiene
 Concen: 18.460 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013582.D
 Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	86559		
223	64.1	31.9	95.7	
227	62.7	31.9	95.9	





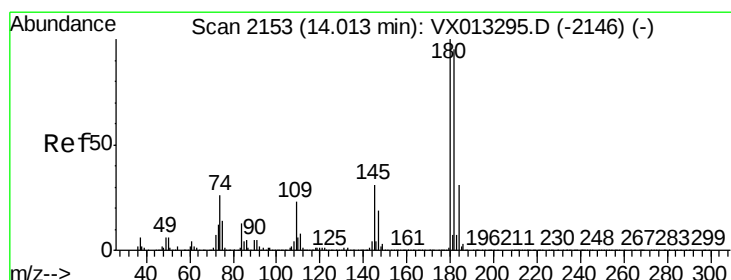
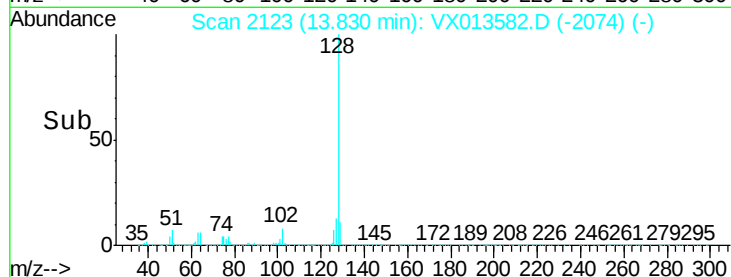
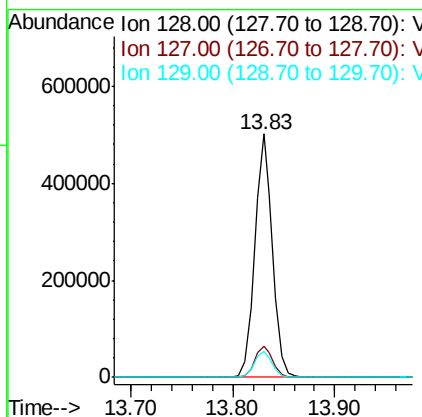
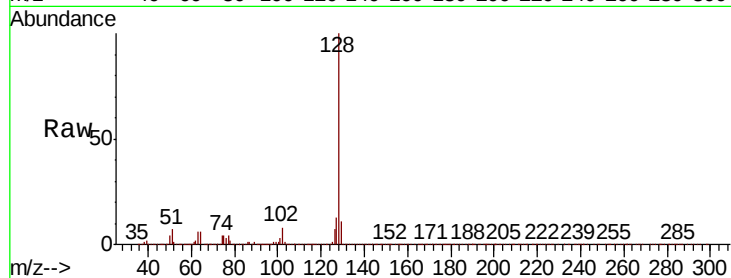
#95
Naphthalene
Concen: 20.119 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.5	12.7

Manual Integrations
APPROVED

apatel
11/27/2019 12:13:22 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.261 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013582.D
Acq: 25 Nov 2019 15:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.0	144.2
145	29.8	15.4	46.4

