

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112219\
 Data File : VX013520.D
 Acq On : 22 Nov 2019 09:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/25/2019 10:40:35 AM

Quant Time: Nov 22 14:09:18 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	677180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1012494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	897589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	457947	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	379095	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	
35) Dibromofluoromethane	5.48	113	316231	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
50) Toluene-d8	8.71	98	1203605	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	438183	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	322335	41.312	ug/l	99
3) Chloromethane	1.31	50	345762	40.864	ug/l	99
4) Vinyl Chloride	1.40	62	426950	44.322	ug/l	99
5) Bromomethane	1.62	94	267805	39.894	ug/l	99
6) Chloroethane	1.70	64	238500	43.149	ug/l	96
7) Trichlorofluoromethane	1.92	101	488866	42.956	ug/l	98
8) Diethyl Ether	2.18	74	227204	45.146	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	309042	48.720	ug/l	98
10) Methyl Iodide	2.50	142	330882	42.132	ug/l	98
11) Tert butyl alcohol	3.03	59	422806	199.954	ug/l	99
12) 1,1-Dichloroethene	2.36	96	294136	47.352	ug/l	99
13) Acrolein	2.28	56	241346	210.597	ug/l	96
14) Allyl chloride	2.72	41	539547	47.805	ug/l	96
15) Acrylonitrile	3.13	53	967661	244.988	ug/l	98
16) Acetone	2.43	43	925475	231.279	ug/l	100
17) Carbon Disulfide	2.56	76	680888	40.954	ug/l	100
18) Methyl Acetate	2.76	43	551181	49.892	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1048669	50.617	ug/l	99
20) Methylene Chloride	2.84	84	342862	46.374	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	310365	45.889	ug/l	96
22) Diisopropyl ether	3.84	45	1109059	50.899	ug/l	94
23) Vinyl Acetate	3.80	43	4564787	244.823	ug/l	99
24) 1,1-Dichloroethane	3.68	63	593752	48.711	ug/l	98
25) 2-Butanone	4.65	43	1408360	239.911	ug/l	99
26) 2,2-Dichloropropane	4.57	77	496727	51.226	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	383052	50.559	ug/l	99
28) Bromochloromethane	5.00	49	173273	50.066	ug/l	99
29) Tetrahydrofuran	5.11	42	857848	237.135	ug/l	100
30) Chloroform	5.20	83	592069	49.191	ug/l	97
31) Cyclohexane	5.56	56	512913	46.764	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	493036	47.598	ug/l	100
36) 1,1-Dichloropropene	5.79	75	432712	49.817	ug/l	99
37) Ethyl Acetate	4.81	43	504108	46.968	ug/l	99
38) Carbon Tetrachloride	5.77	117	423361	49.844	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	530071	48.977	ug/l	98
40) Benzene	6.13	78	1330548	49.177	ug/l	98
41) Methacrylonitrile	5.02	41	299743	49.826	ug/l	98
42) 1,2-Dichloroethane	6.18	62	476108	48.784	ug/l	98
43) Isopropyl Acetate	6.43	43	850912	50.913	ug/l	99
44) Trichloroethene	7.20	130	366535	49.215	ug/l	98
45) 1,2-Dichloropropane	7.50	63	352371	51.114	ug/l	98
46) Dibromomethane	7.65	93	229486	48.755	ug/l	98
47) Bromodichloromethane	7.89	83	464968	52.385	ug/l	94
48) Methyl methacrylate	7.76	41	421881	50.568	ug/l	98
49) 1,4-Dioxane	7.73	88	160905	842.175	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2713657	247.479	ug/l	99
52) Toluene	8.78	92	847315	50.527	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	518713	53.444	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	573241	52.799	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	358627	51.595	ug/l	99
56) Ethyl methacrylate	9.17	69	580600	48.962	ug/l	97
57) 1,3-Dichloropropane	9.36	76	598422	50.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1183597	249.043	ug/l	100
59) 2-Hexanone	9.48	43	2100664	247.905	ug/l	99
60) Dibromochloromethane	9.57	129	378703	53.273	ug/l	100
61) 1,2-Dibromoethane	9.67	107	366967	49.719	ug/l	98
64) Tetrachloroethene	9.33	164	317679	49.440	ug/l	97
65) Chlorobenzene	10.13	112	921902	50.732	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	350072	52.466	ug/l	100
67) Ethyl Benzene	10.25	91	1620290	51.662	ug/l	100
68) m/p-Xylenes	10.36	106	1239134	104.469	ug/l	100
69) o-Xylene	10.70	106	605254	52.121	ug/l	99
70) Styrene	10.71	104	1057782	54.492	ug/l	98
71) Bromoform	10.85	173	298932	48.427	ug/l	99
73) Isopropylbenzene	11.01	105	1626453	53.568	ug/l	100
74) N-amyl acetate	10.89	43	762217	54.135	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	576749	52.069	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	462319m	49.704	ug/l	
77) Bromobenzene	11.25	156	424479	52.442	ug/l	99
78) n-propylbenzene	11.35	91	1860420	55.006	ug/l	99
79) 2-Chlorotoluene	11.42	91	1081385	53.067	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1359512	53.756	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	194219	53.746	ug/l	97
82) 4-Chlorotoluene	11.51	91	1246725	52.265	ug/l	99
83) tert-Butylbenzene	11.76	119	1405930	55.225	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1378645	54.342	ug/l	99
85) sec-Butylbenzene	11.94	105	1613802	55.155	ug/l	100
86) p-Isopropyltoluene	12.06	119	1487797	55.221	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	753605	52.232	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	758476	51.597	ug/l	99
89) n-Butylbenzene	12.39	91	1302937	55.422	ug/l	99
90) Hexachloroethane	12.59	117	265040	55.212	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	765012	53.043	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	124091	45.983	ug/l	97

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VSTDCCC050

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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	540418	53.718	ug/l	99
94) Hexachlorobutadiene	13.78	225	253046	51.413	ug/l	99
95) Naphthalene	13.83	128	1691871	53.601	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	543749	53.894	ug/l	99

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

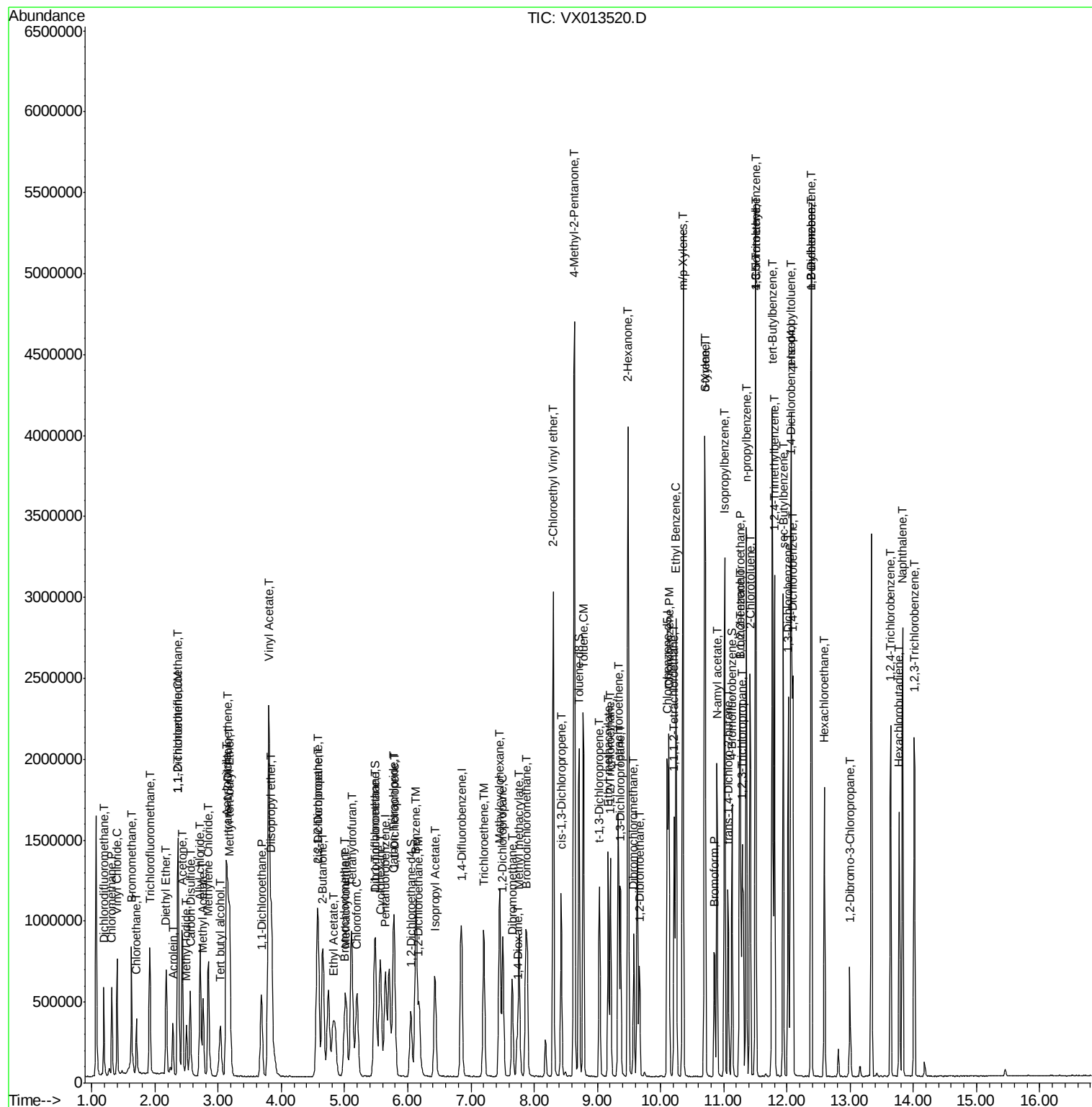
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112219\
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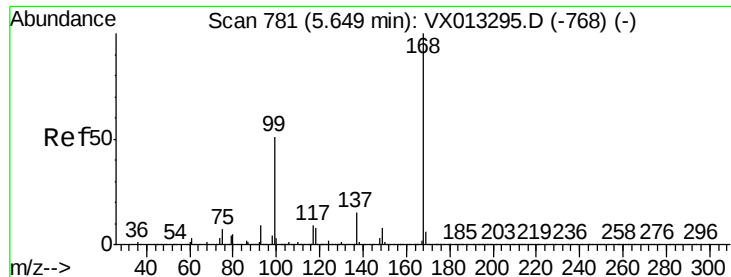
Instrument :
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#1

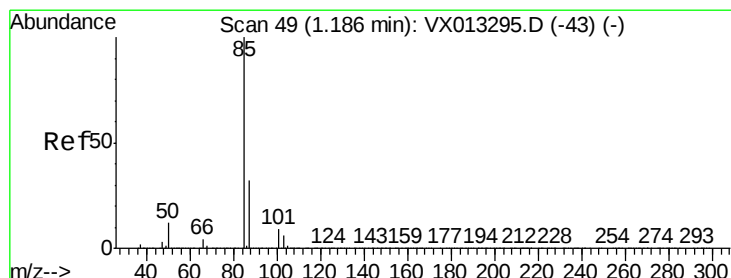
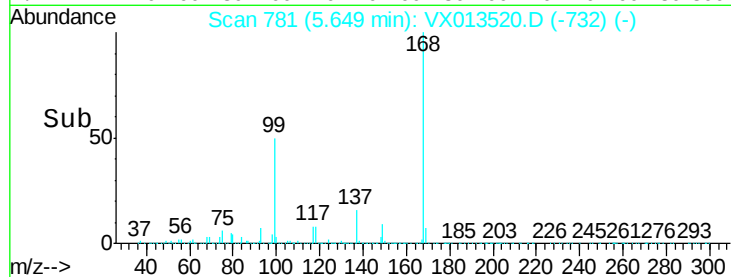
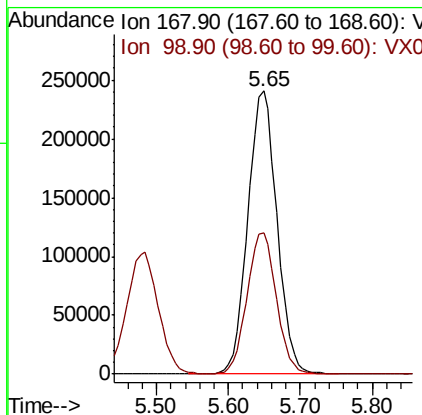
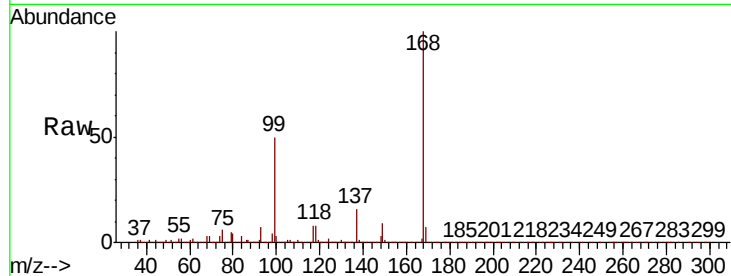
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013520.D
 Acq: 22 Nov 2019 09:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.6	40.8	61.2

Manual Integrations
 APPROVED

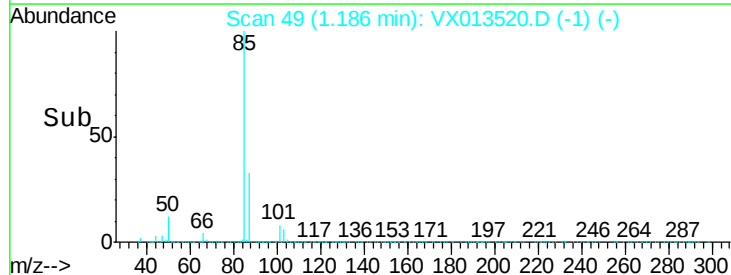
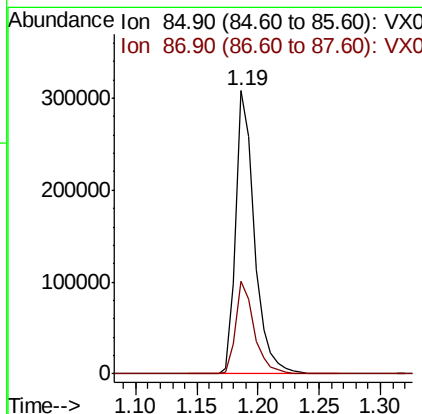
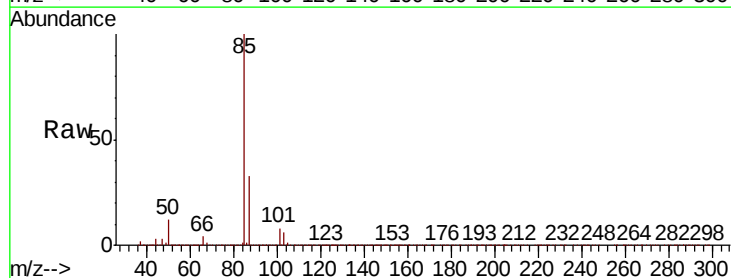
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 11/25/2019 10:40:35 AM



#2

Dichlorodifluoromethane
 Concen: 41.312 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013520.D
 Acq: 22 Nov 2019 09:27

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.9	47.6





#3

Chloromethane

Concen: 40.864 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 345762

Ion Ratio Lower Upper

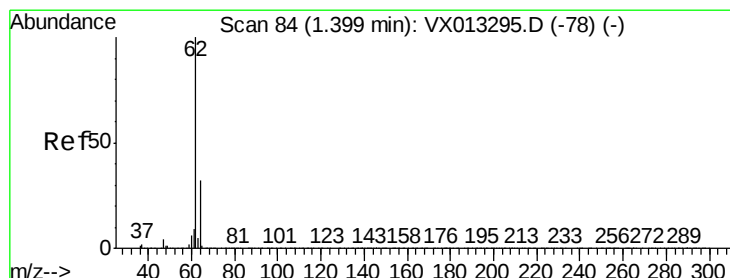
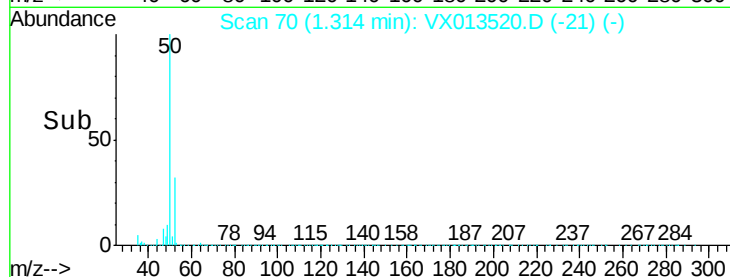
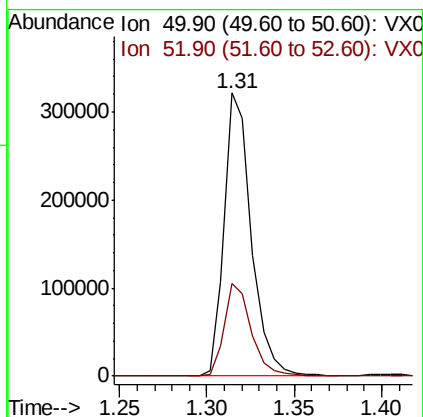
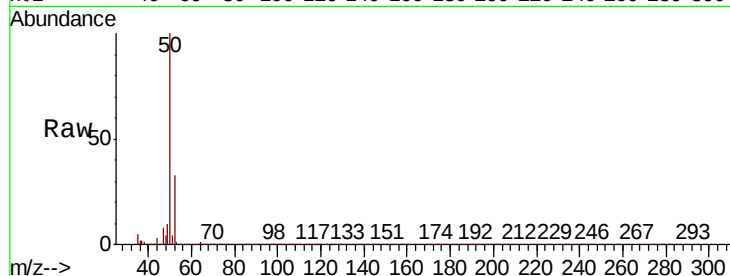
50 100

52 32.4 25.5 38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 44.322 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013520.D

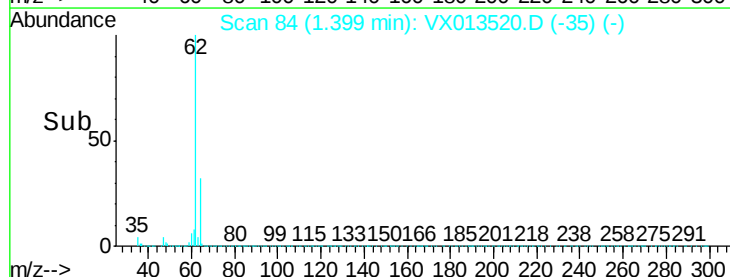
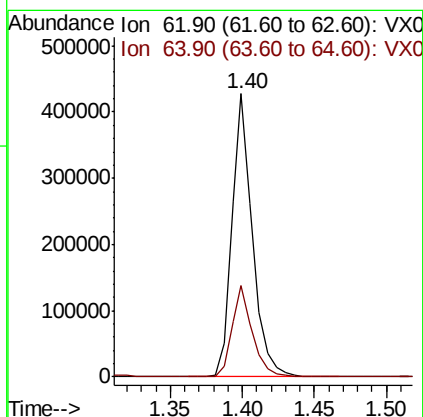
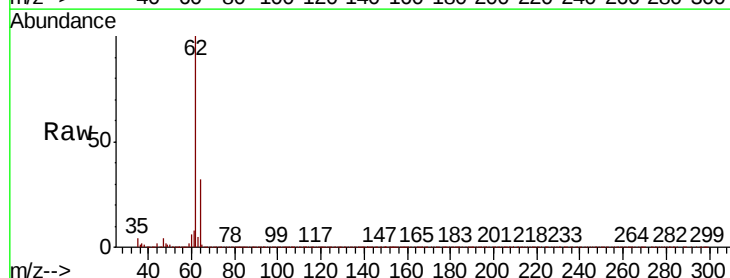
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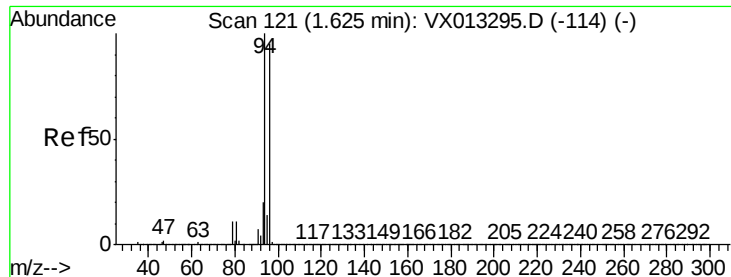
Tgt Ion: 62 Resp: 426950

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4





#5

Bromomethane

Concen: 39.894 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 267805

Ion Ratio Lower Upper

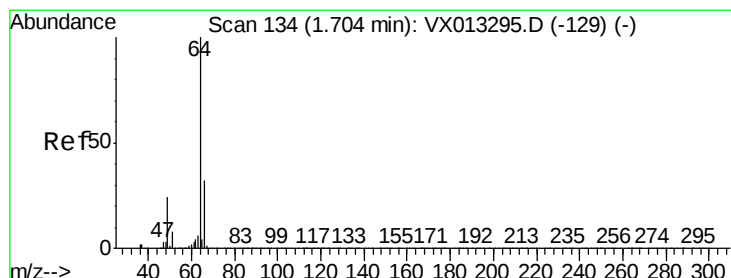
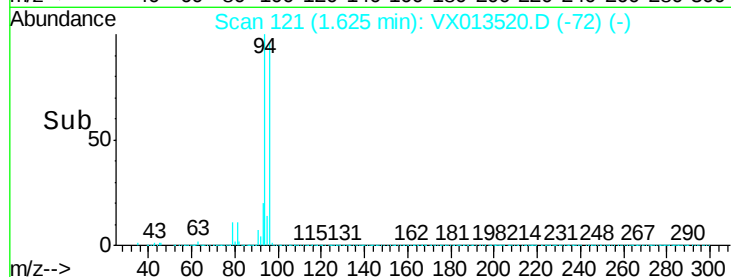
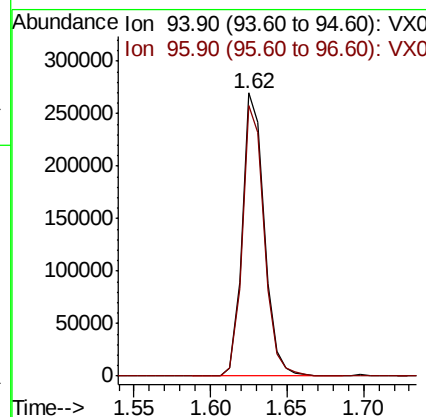
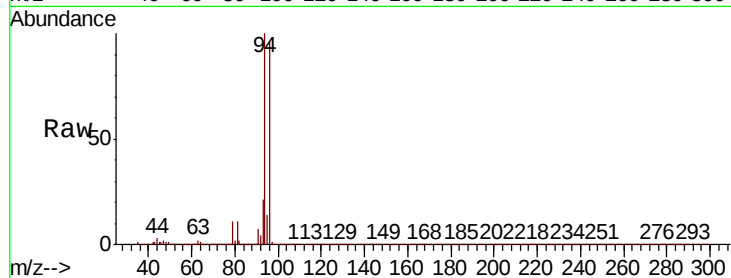
94 100

96 95.5 75.8 113.8

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#6

Chloroethane

Concen: 43.149 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX013520.D

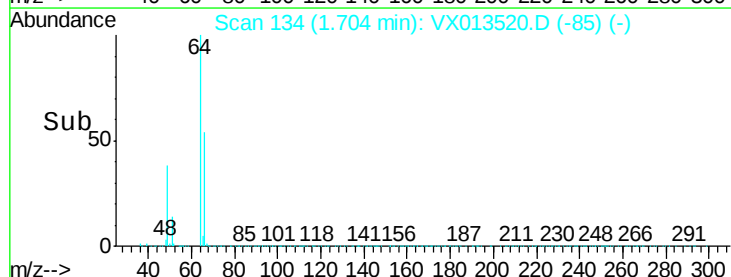
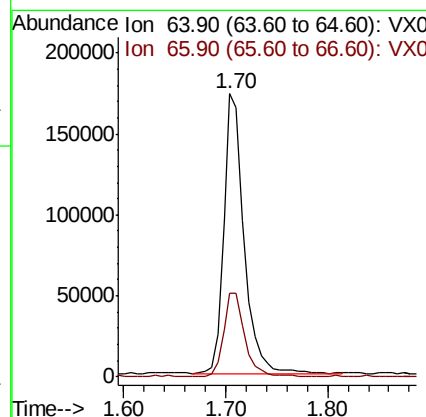
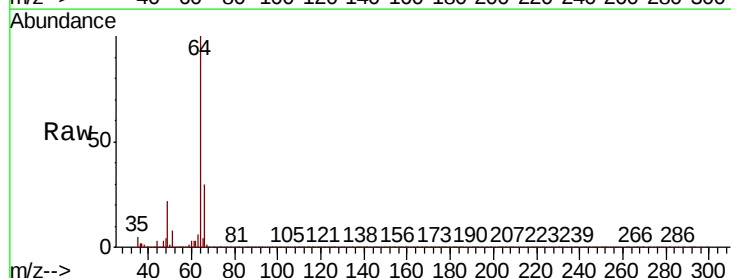
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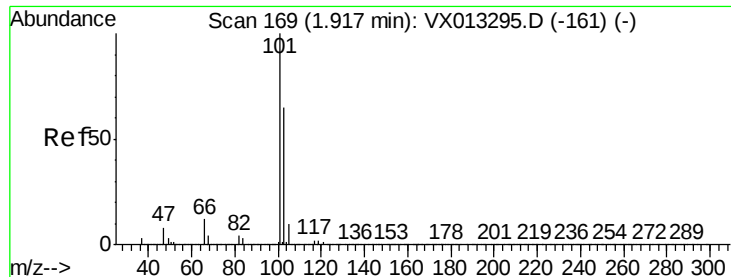
Tgt Ion: 64 Resp: 238500

Ion Ratio Lower Upper

64 100

66 29.8 25.6 38.4





#7

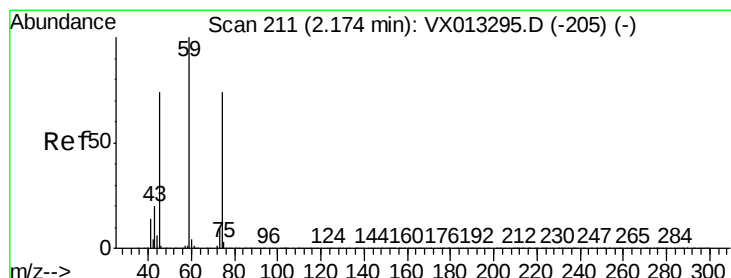
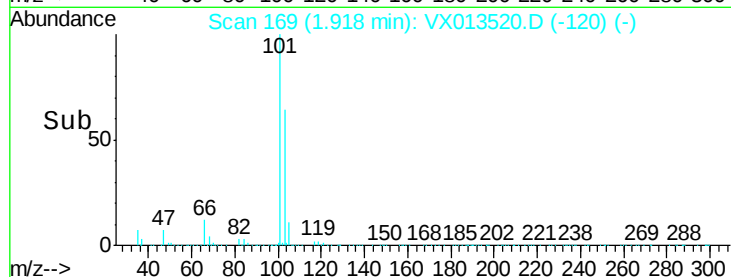
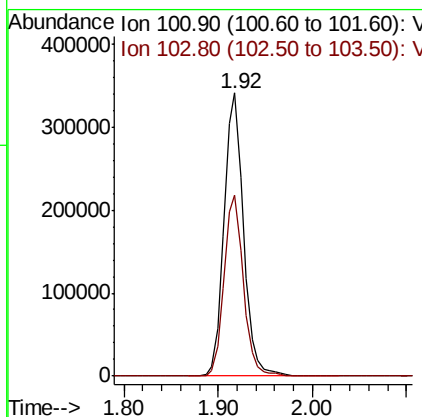
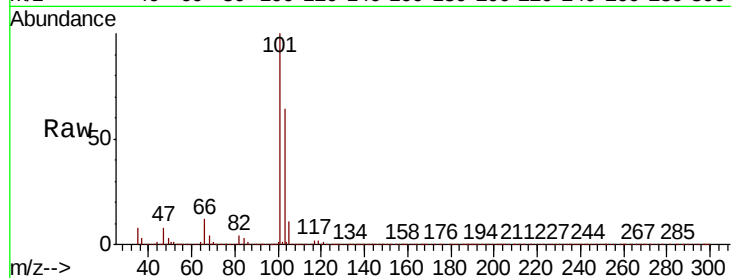
Trichlorofluoromethane
Concen: 42.956 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.3	78.5

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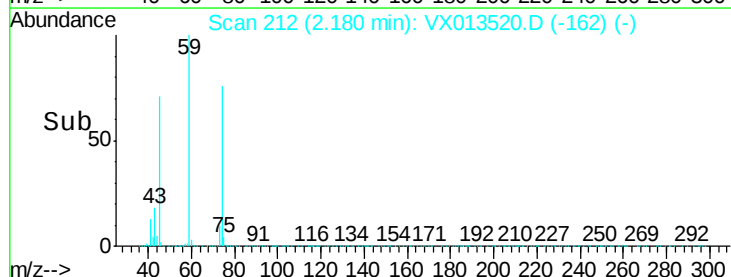
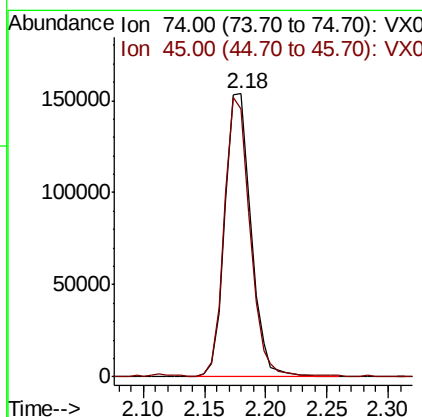
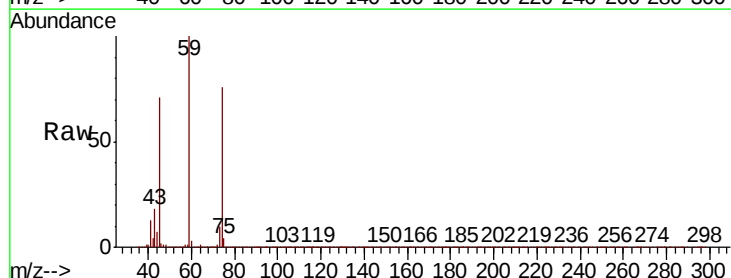
MMDadoda
11/25/2019 10:40:35 AM

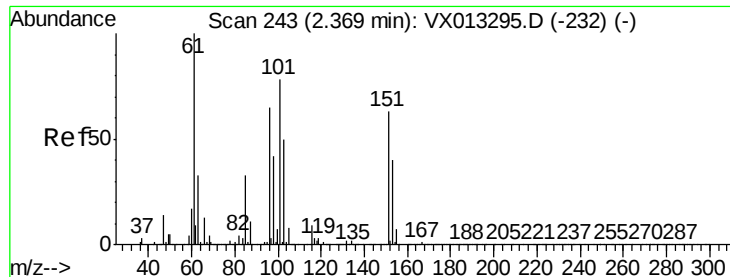


#8

Diethyl Ether
Concen: 45.146 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.720 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013520.D

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MSVOA_X

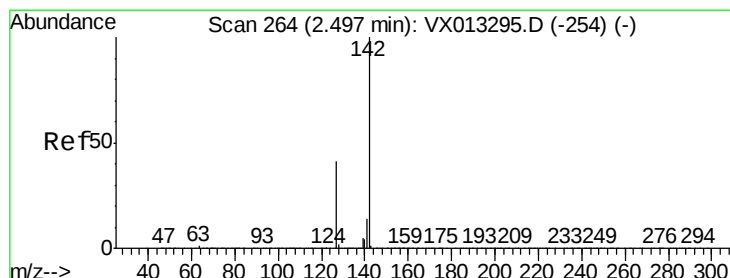
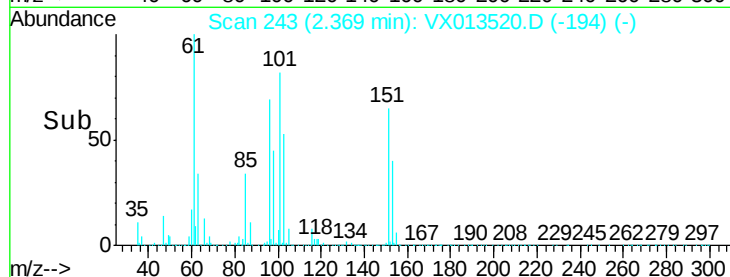
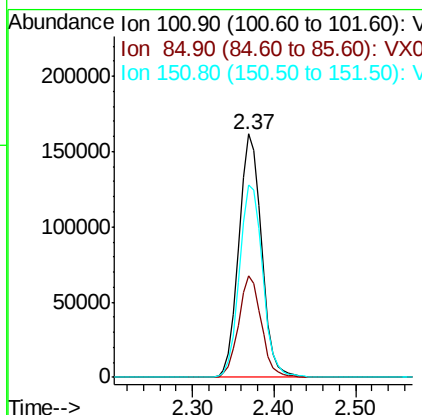
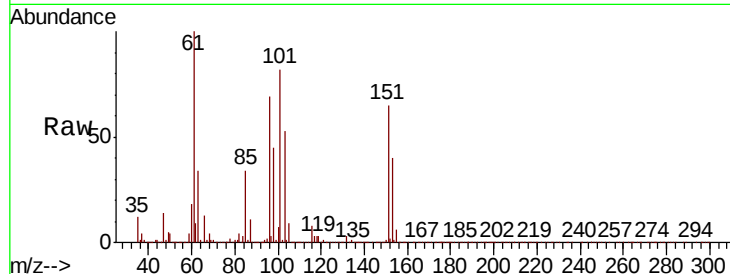
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	309042
Ion Ratio	Lower	Upper	
101	100		
85	41.3	34.4	51.6
151	81.5	66.4	99.6

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#10

Methyl Iodide

Concen: 42.132 ug/l

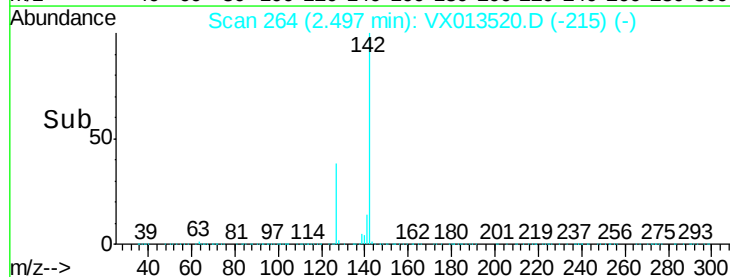
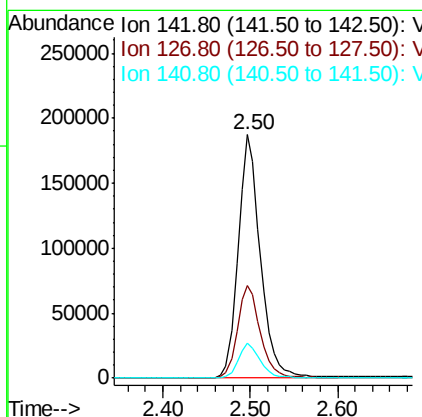
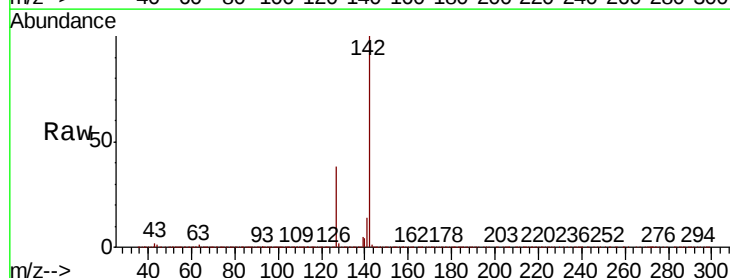
RT: 2.50 min Scan# 264

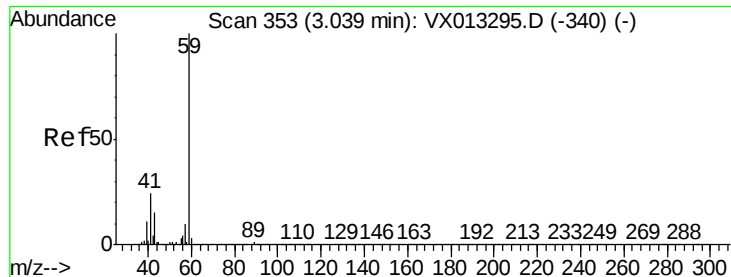
Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Tgt Ion:	142	Resp:	330882
Ion Ratio	Lower	Upper	
142	100		
127	39.3	32.6	49.0
141	14.2	11.6	17.4





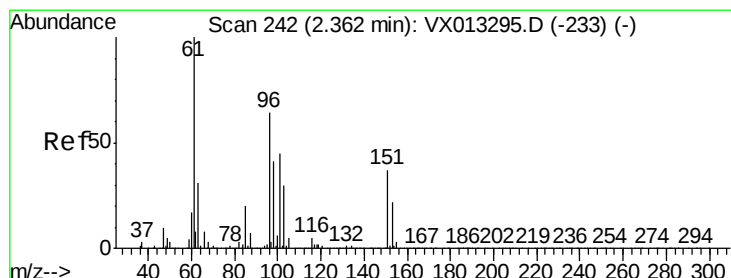
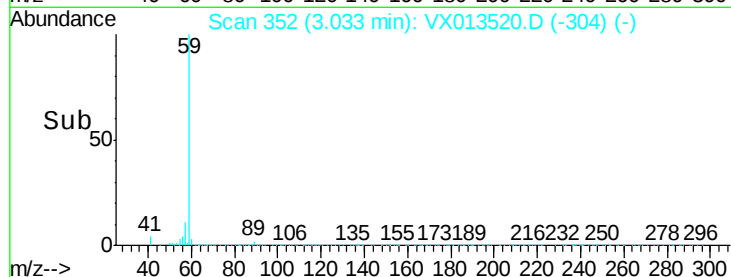
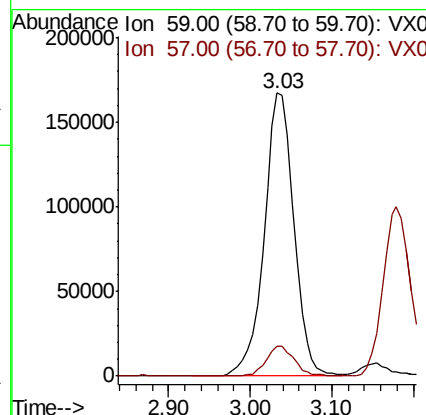
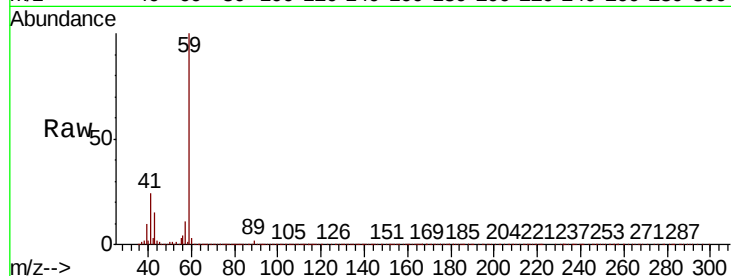
#11
Tert butyl alcohol
Concen: 199.954 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	422806		
57	9.8		8.0	12.0

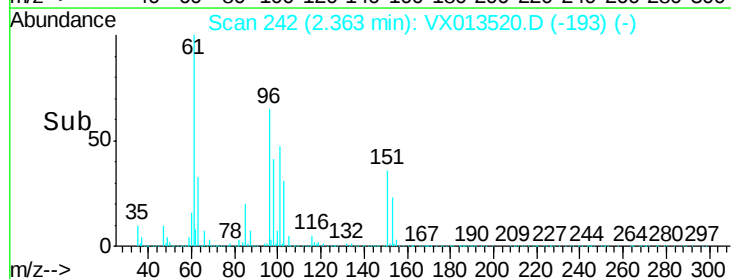
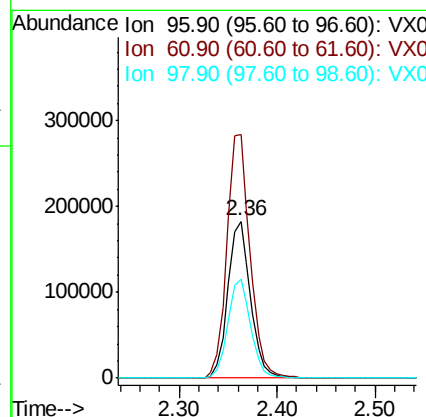
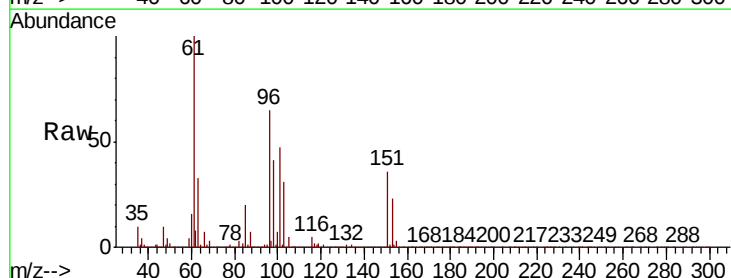
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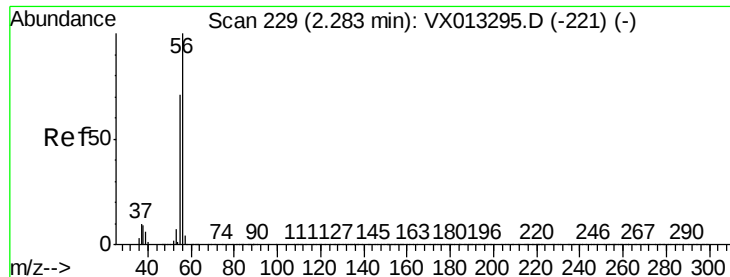
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#12
1,1-Dichloroethene
Concen: 47.352 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	294136		
61	154.8		125.0	187.6
98	63.1		50.7	76.1





#13

Acrolein

Concen: 210.597 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 241346

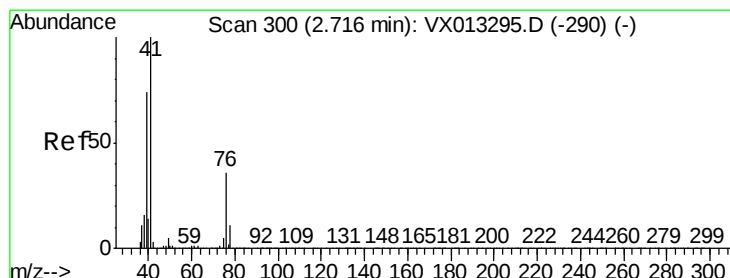
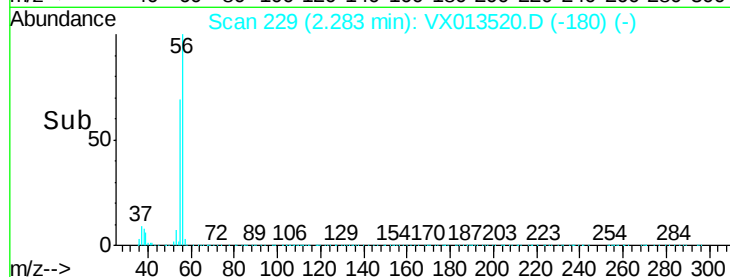
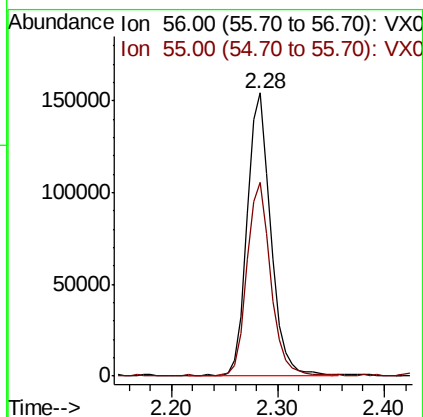
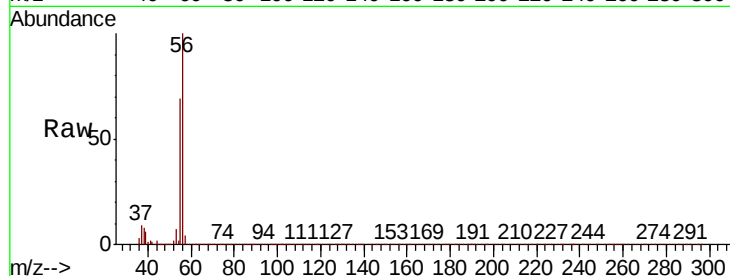
Ion Ratio Lower Upper

56 100

55 68.1 57.4 86.0

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#14

Allyl chloride

Concen: 47.805 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

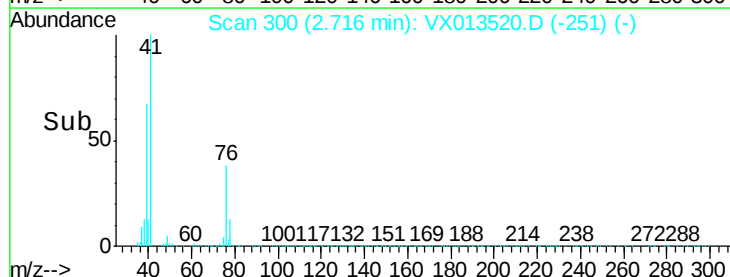
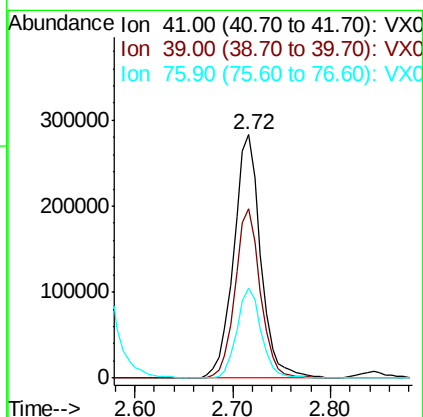
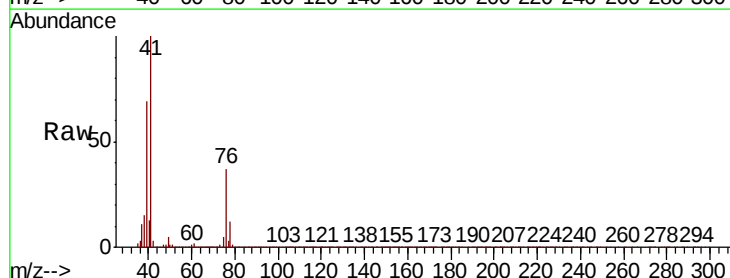
Tgt Ion: 41 Resp: 539547

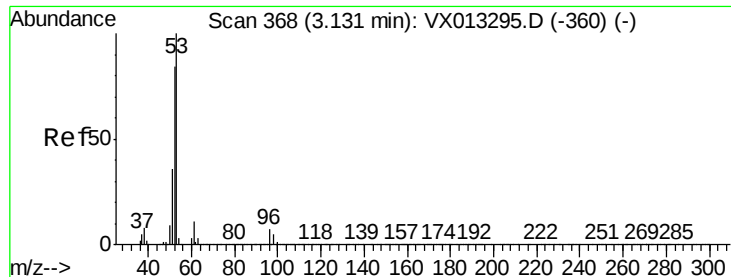
Ion Ratio Lower Upper

41 100

39 65.3 55.8 83.8

76 33.3 26.4 39.6





#15

Acrylonitrile

Concen: 244.988 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

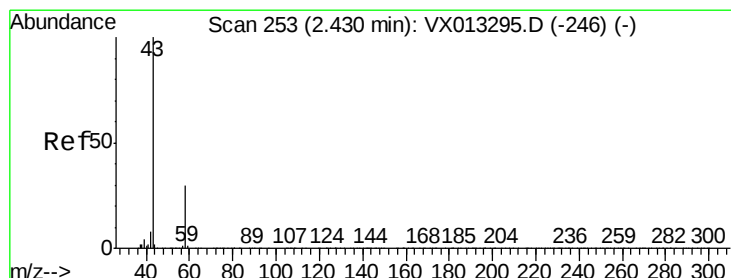
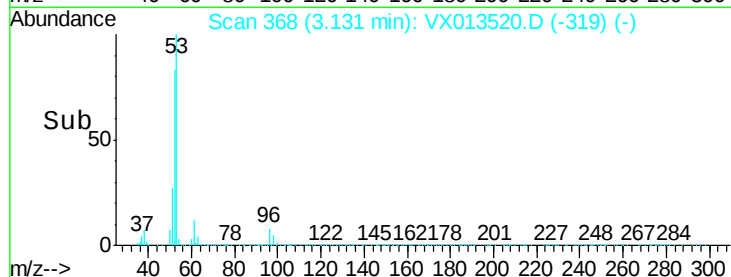
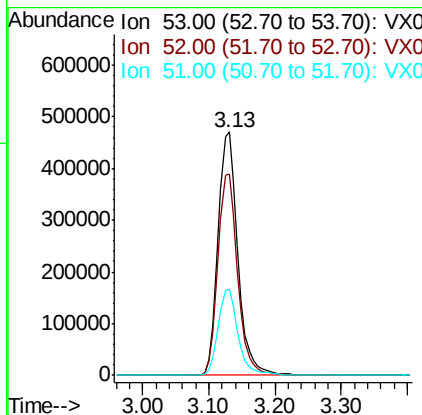
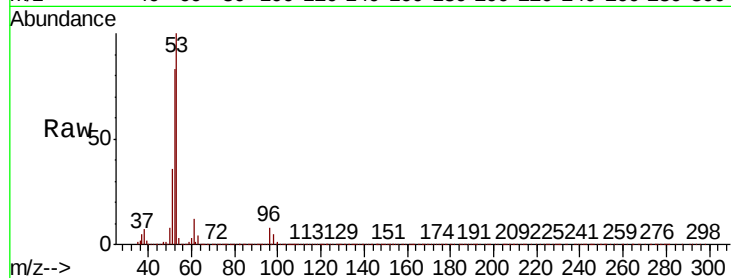
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	967661
Ion	Ratio	Lower	Upper
53	100		
52	82.8	67.4	101.0
51	35.6	29.4	44.2

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#16

Acetone

Concen: 231.279 ug/l

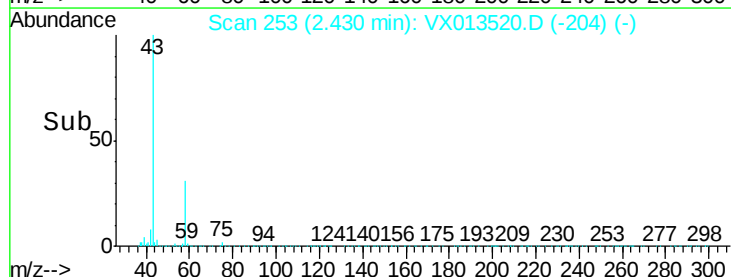
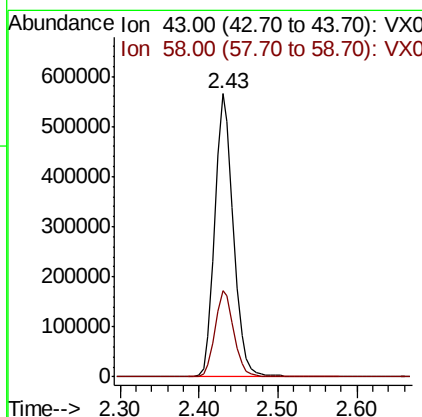
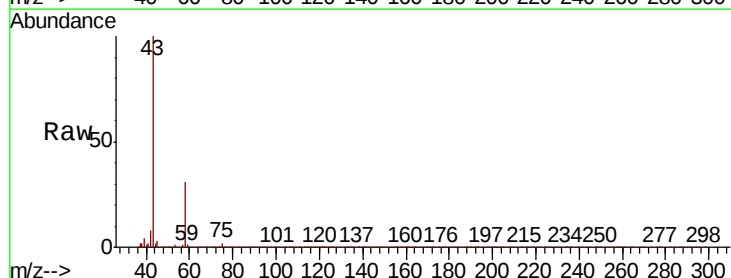
RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Tgt Ion:	43	Resp:	925475
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.3	36.5





#17

Carbon Disulfide

Concen: 40.954 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 680888

Ion Ratio Lower Upper

76 100

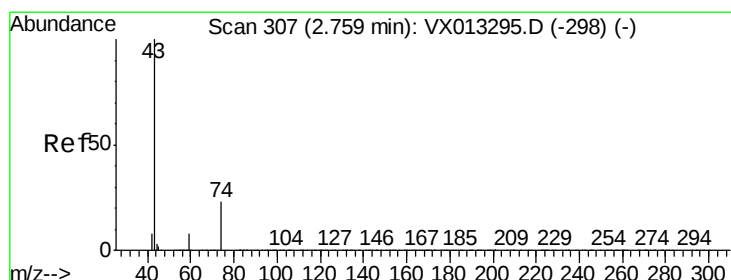
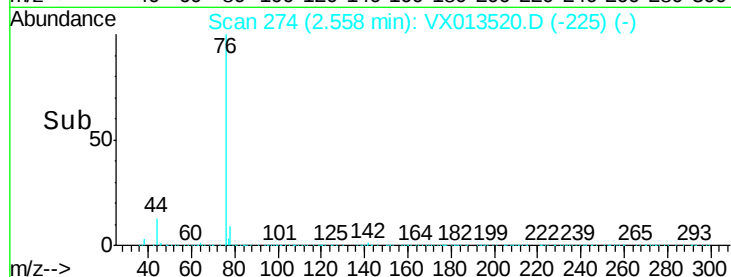
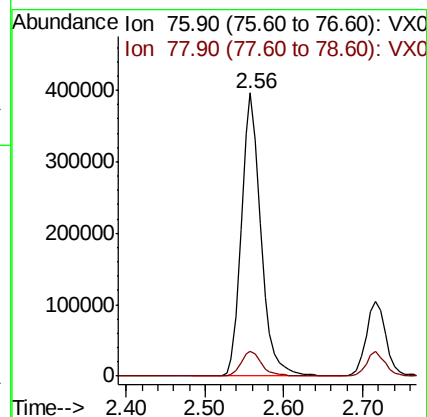
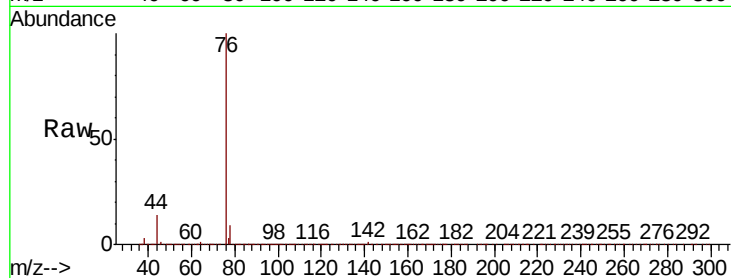
78 8.8 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 49.892 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013520.D

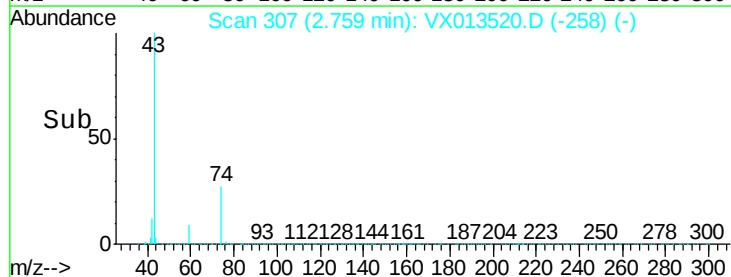
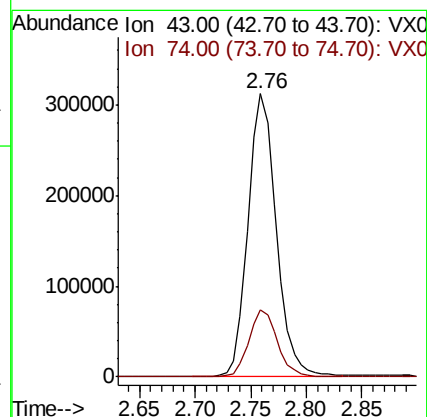
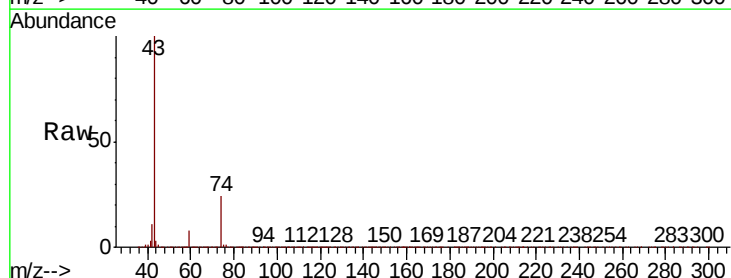
Acq: 22 Nov 2019 09:27

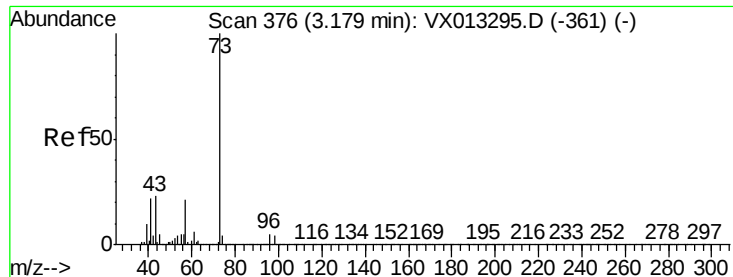
Tgt Ion: 43 Resp: 551181

Ion Ratio Lower Upper

43 100

74 24.0 19.0 28.6





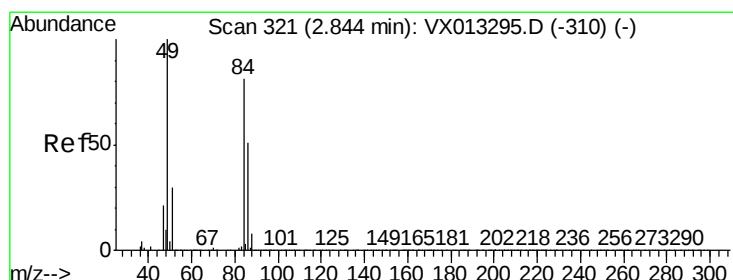
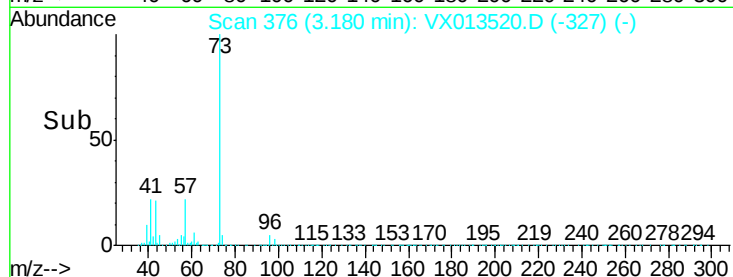
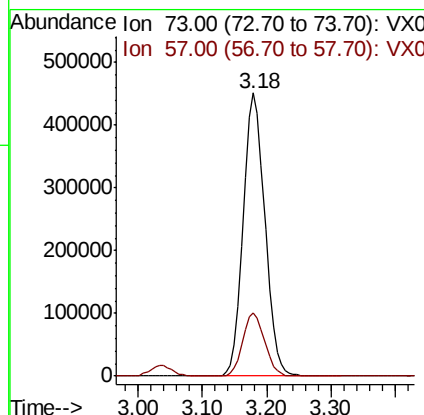
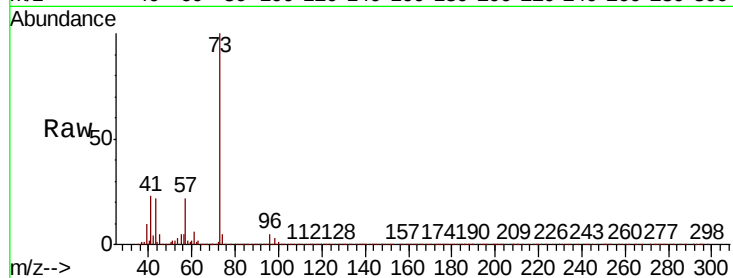
#19
Methvl tert-butvl Ether
Concen: 50.617 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1048669
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7

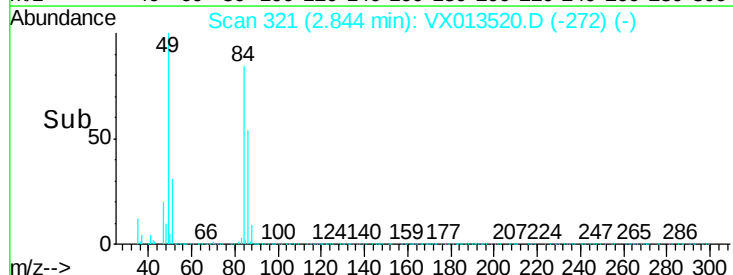
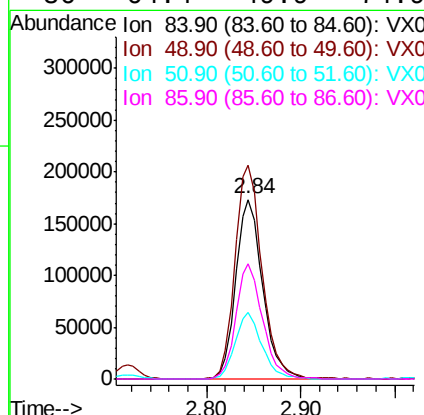
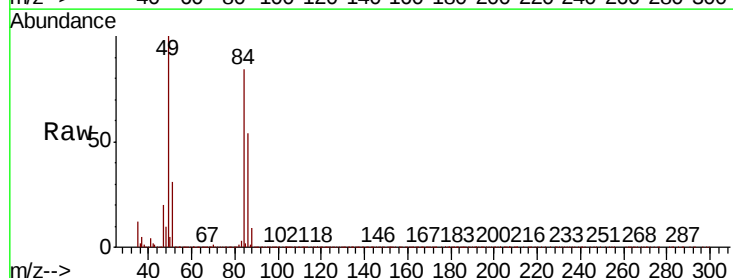
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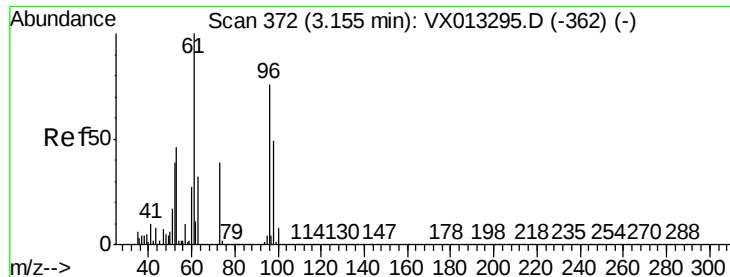
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#20
Methylene Chloride
Concen: 46.374 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Tgt Ion: 84 Resp: 342862
Ion Ratio Lower Upper
84 100
49 119.2 98.2 147.4
51 37.2 29.9 44.9
86 64.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 45.889 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Tot Ion:	96	Resp:	310365
Ion	Ratio	Lower	Upper
96	100		
61	137.8	105.8	158.6
98	62.3	51.8	77.6

Instrument :

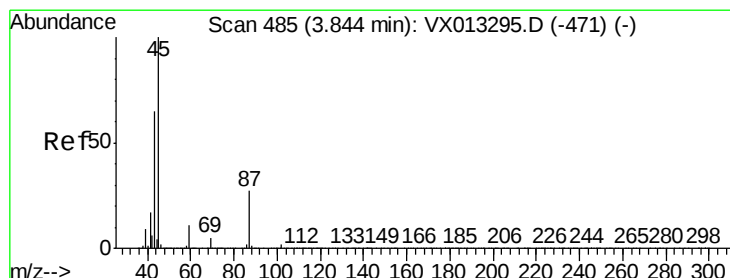
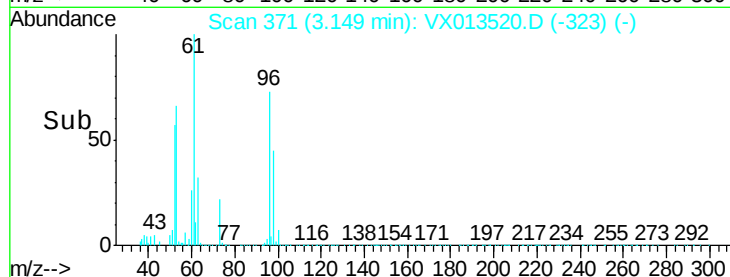
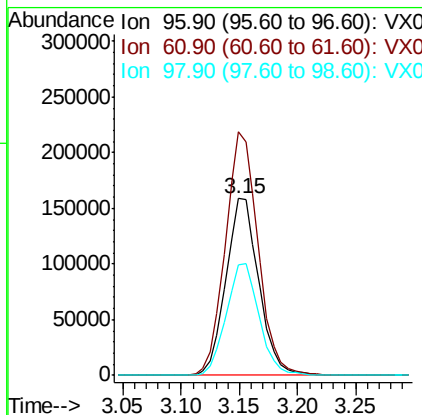
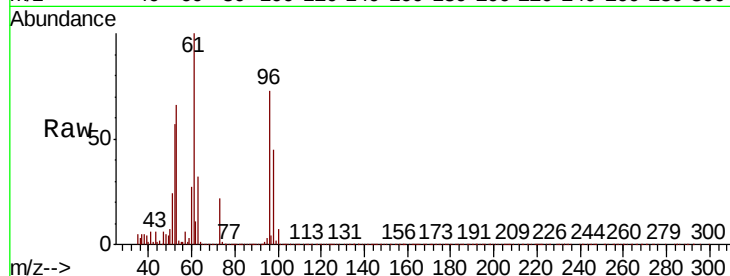
MSVOA_X

ClientSampleId :

VSTDCCC050

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#22

Diisopropyl ether

Concen: 50.899 ug/l

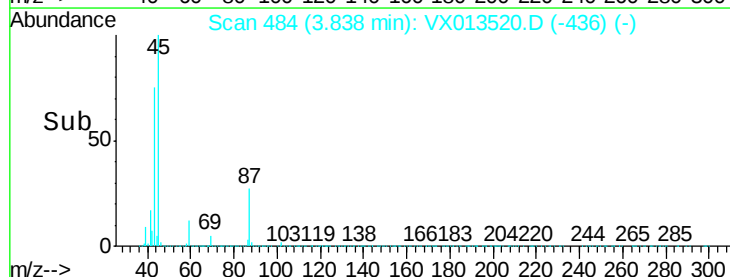
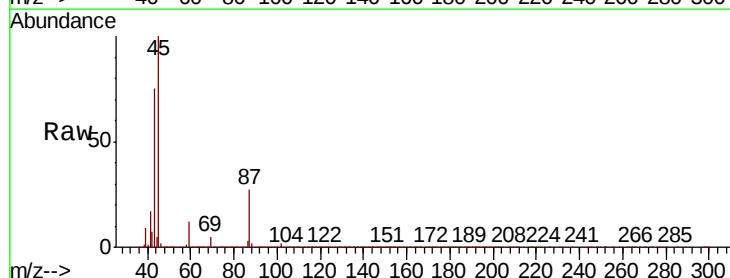
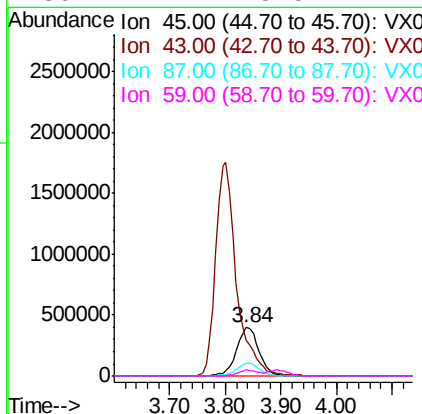
RT: 3.84 min Scan# 484

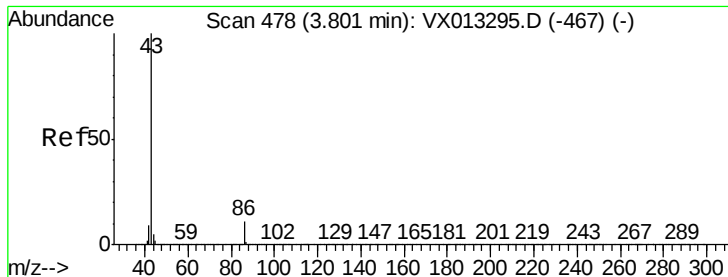
Delta R.T. -0.01 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Tgt Ion:	45	Resp:	1109059
Ion	Ratio	Lower	Upper
45	100		
43	75.1	54.2	81.2
87	27.1	21.8	32.8
59	12.1	8.5	12.7





#23

Vinyl Acetate

Concen: 244.823 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4564787

Ion Ratio Lower Upper

43 100

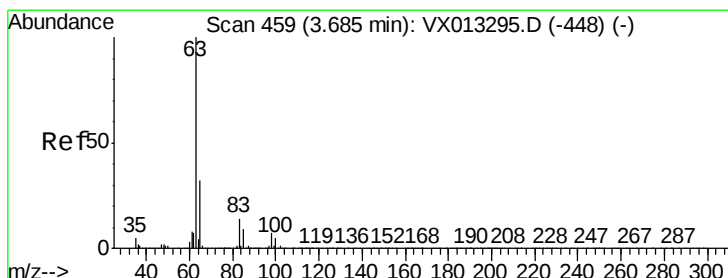
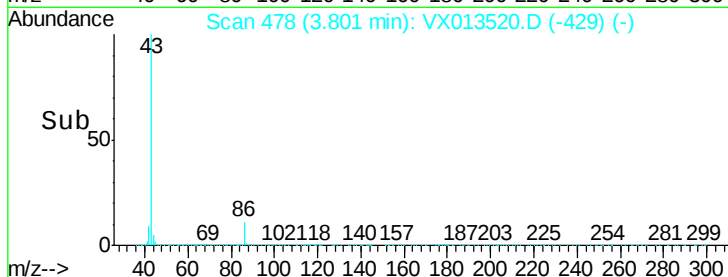
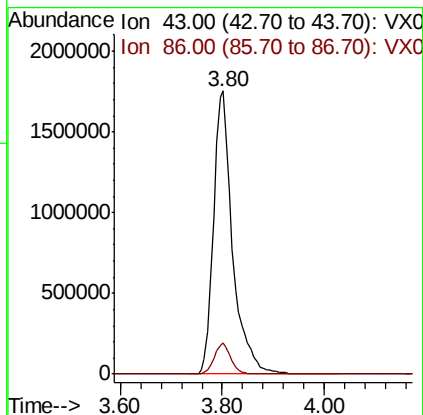
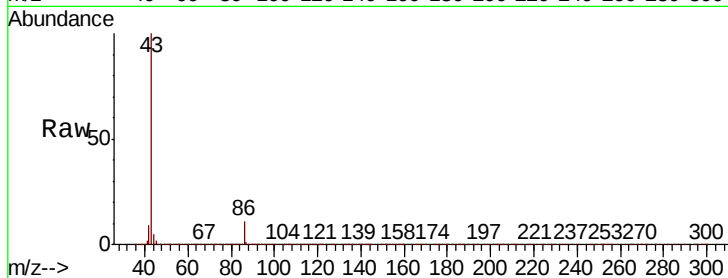
86 11.1 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 48.711 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

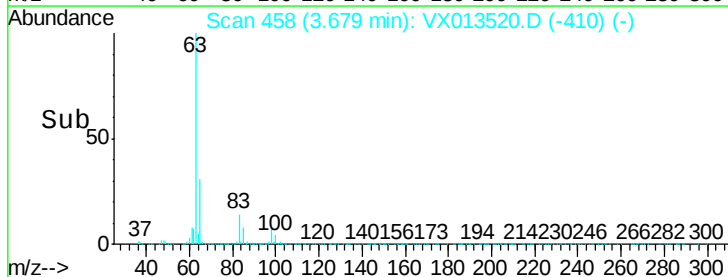
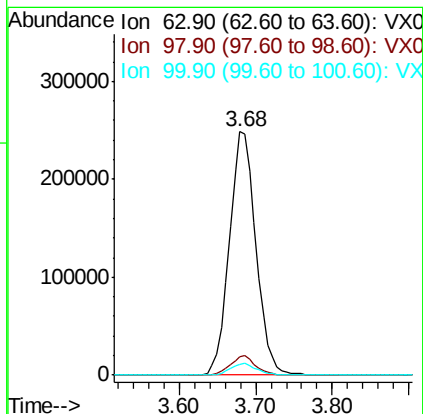
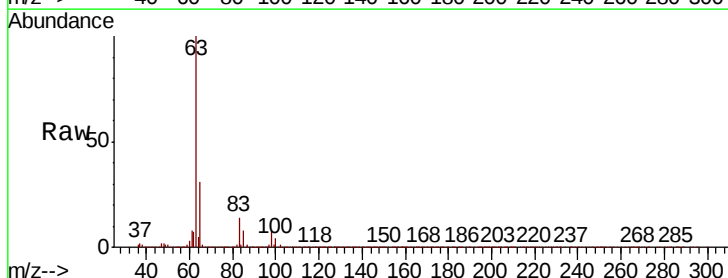
Tgt Ion: 63 Resp: 593752

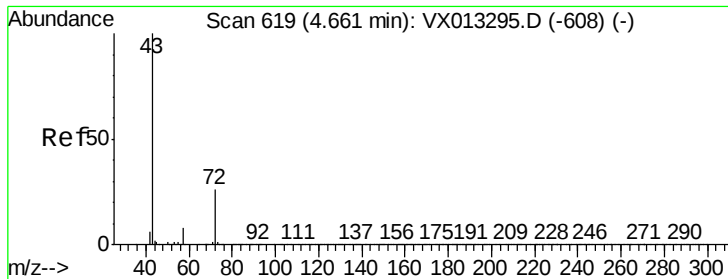
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.3 2.4 7.2





#25

2-Butanone

Concen: 239.911 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1408360

Ion Ratio Lower Upper

43 100

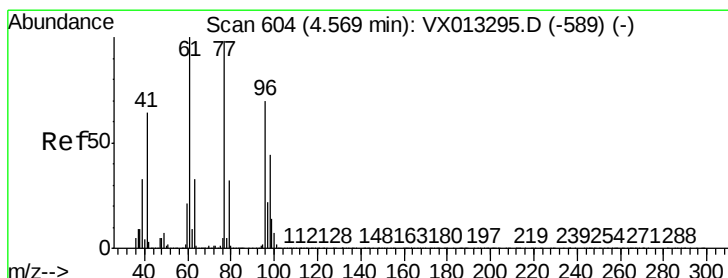
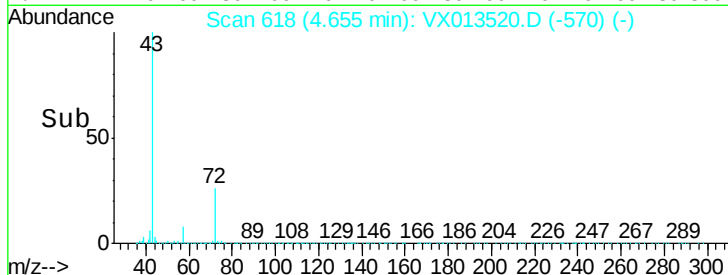
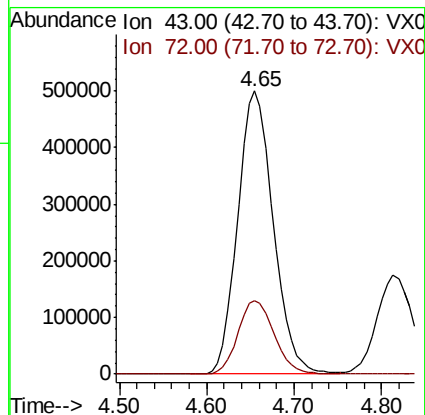
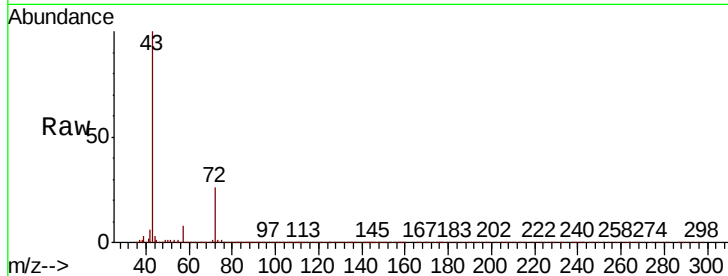
72 26.0 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.226 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013520.D

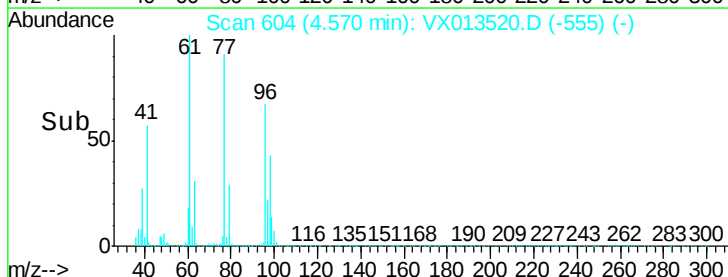
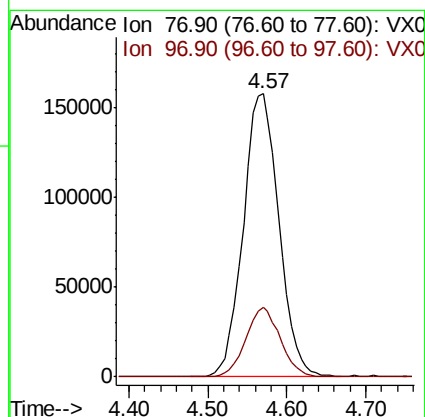
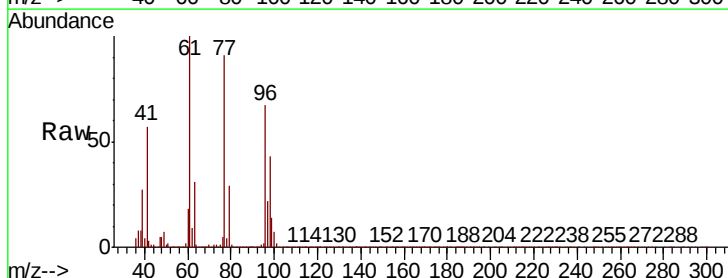
Acq: 22 Nov 2019 09:27

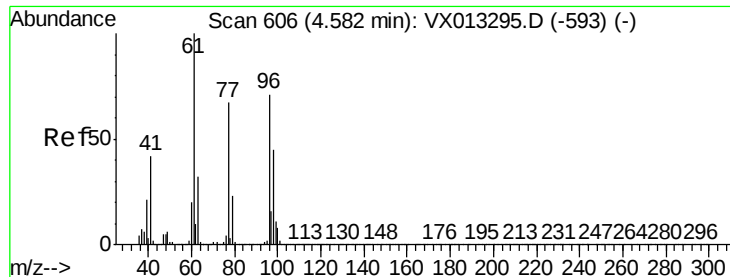
Tgt Ion: 77 Resp: 496727

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.8





#27

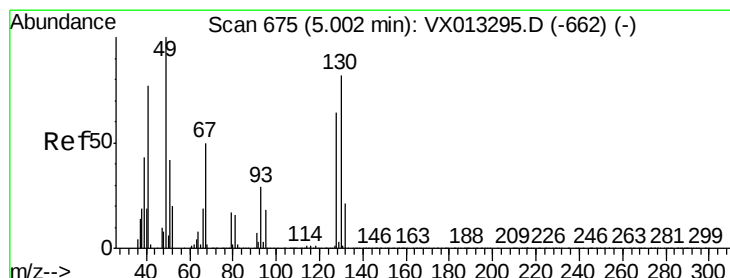
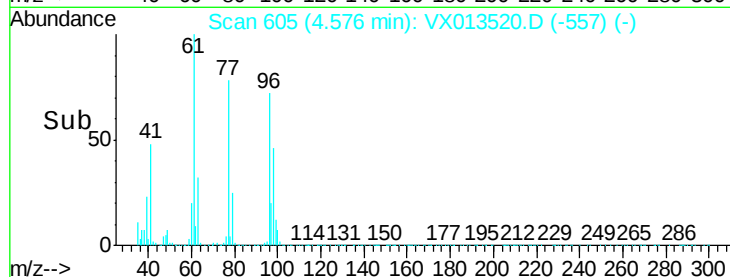
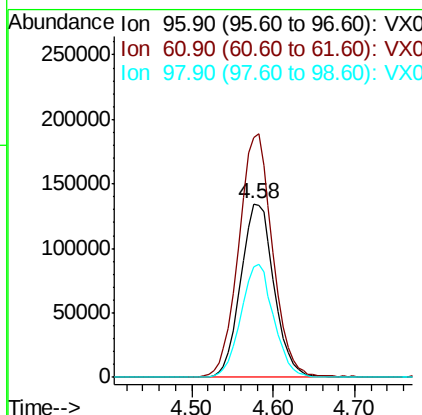
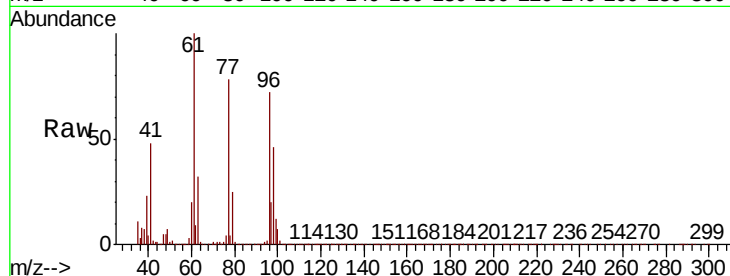
cis-1,2-Dichloroethene
Concen: 50.559 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	142.4	0.0	288.0	
98	64.1	0.0	129.6	

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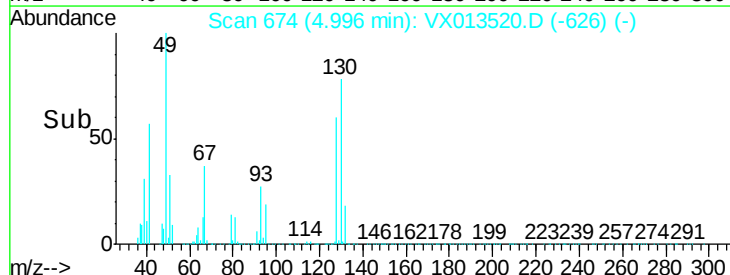
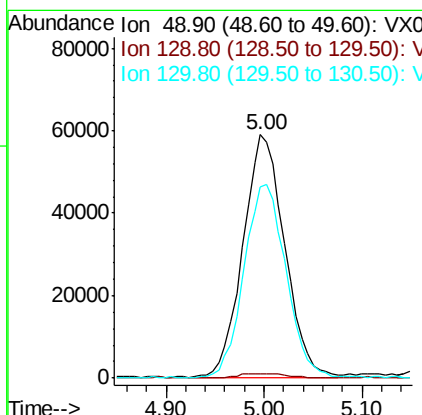
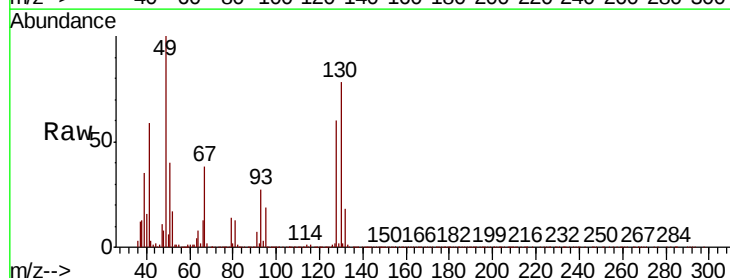
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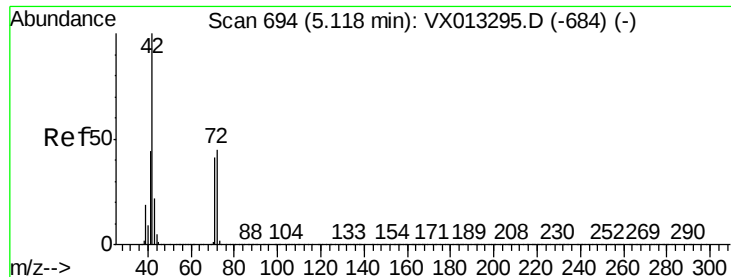


#28

Bromochloromethane
Concen: 50.066 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	5.2	
130	81.0	63.8	95.6	





#29

Tetrahydrofuran

Concen: 237.135 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

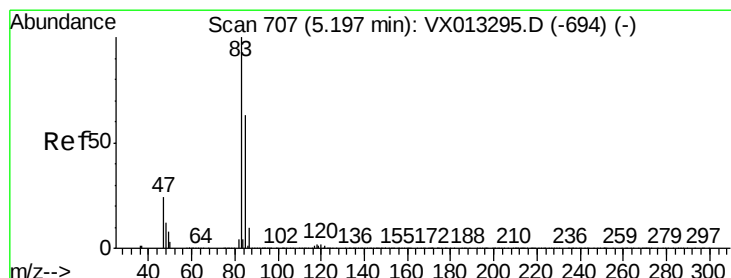
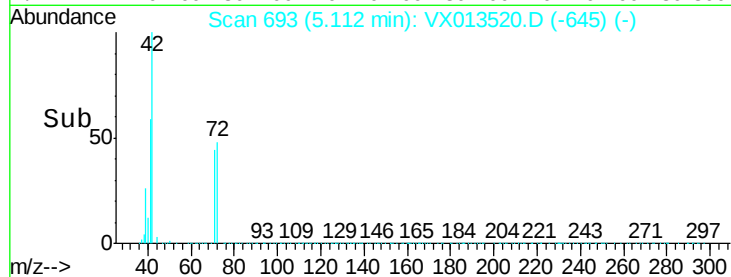
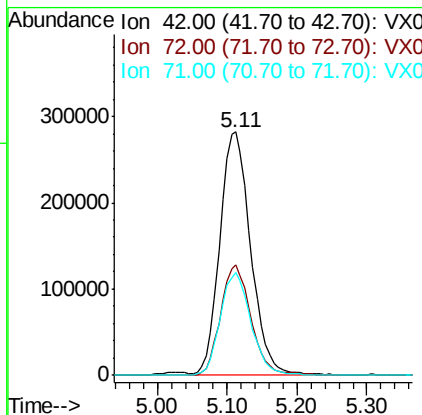
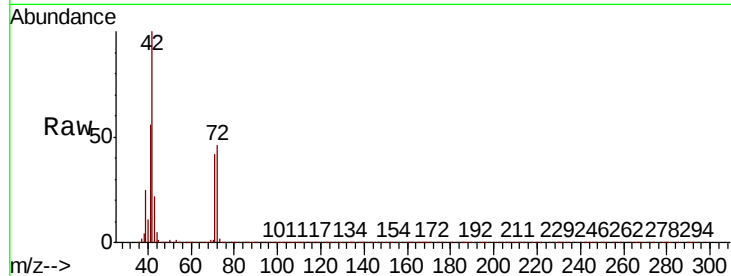
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	857848
Ion Ratio		Lower	Upper
42	100		
72	45.0	35.8	53.8
71	42.1	33.4	50.0

Manual Integrations
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#30

Chloroform

Concen: 49.191 ug/l

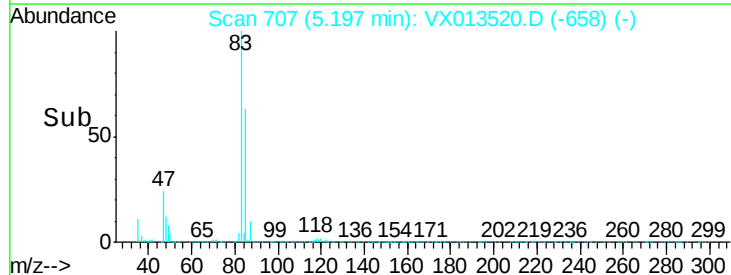
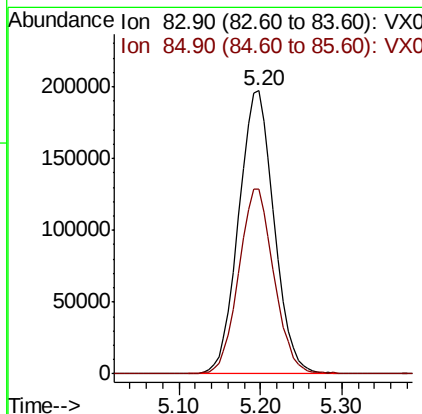
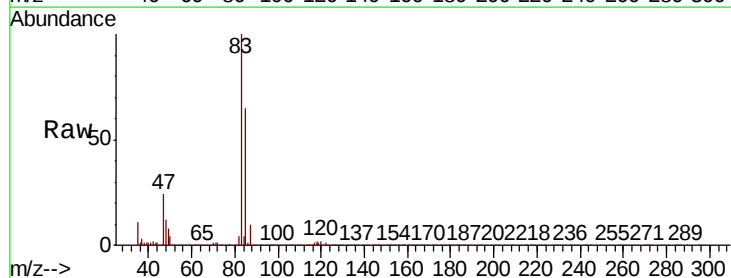
RT: 5.20 min Scan# 707

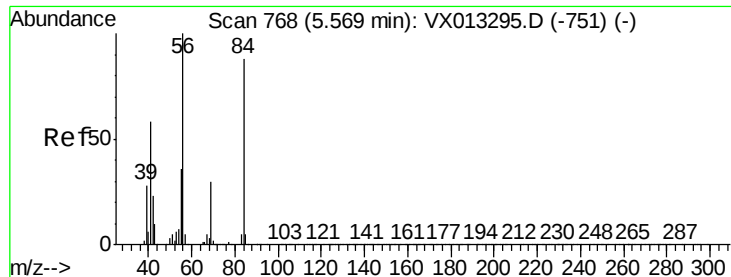
Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Tgt Ion:	83	Resp:	592069
Ion Ratio		Lower	Upper
83	100		
85	65.1	50.2	75.4





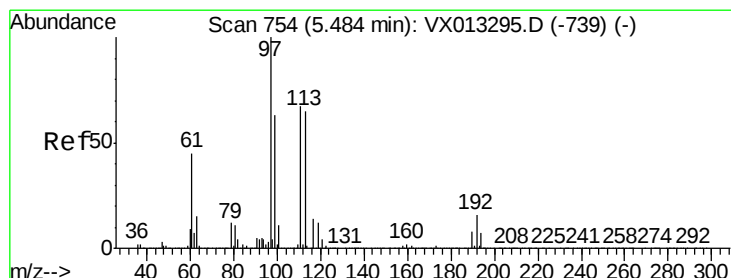
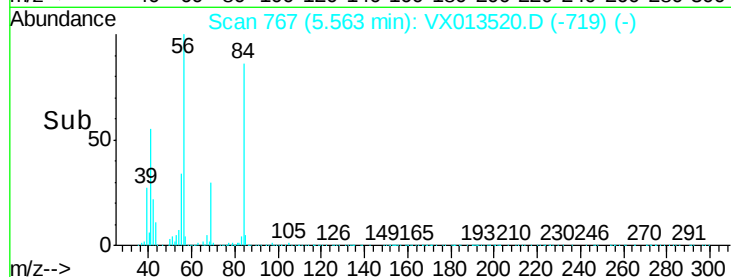
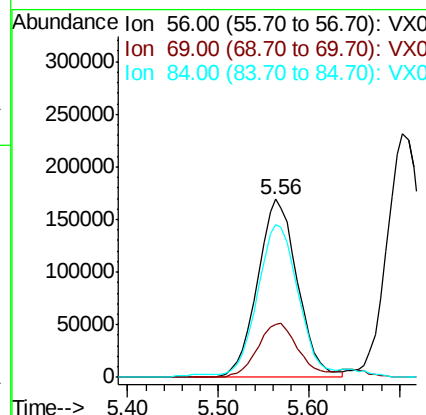
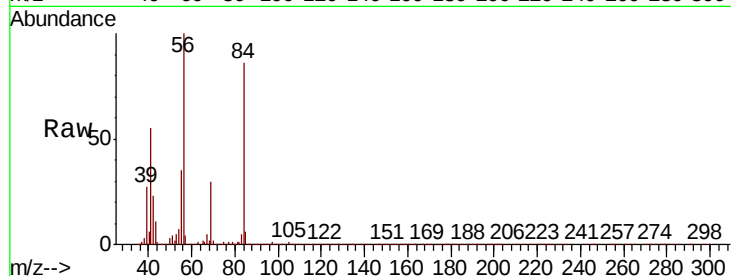
#31
Cyclohexane
Concen: 46.764 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.7	35.5
84	84.7	70.6	105.8

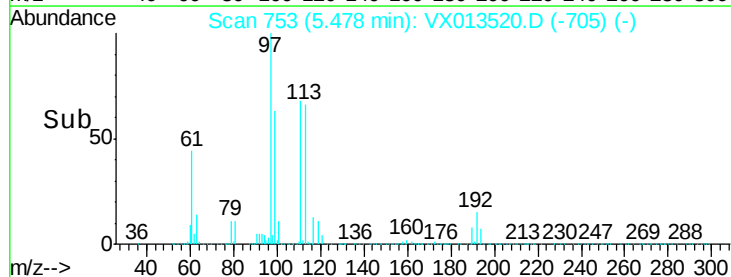
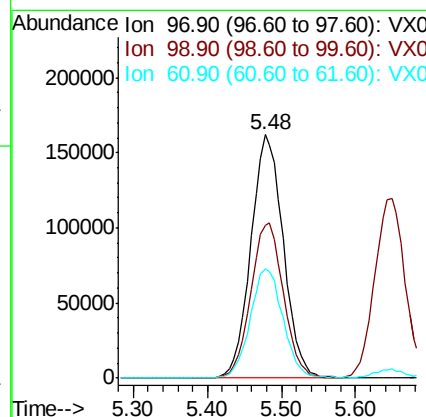
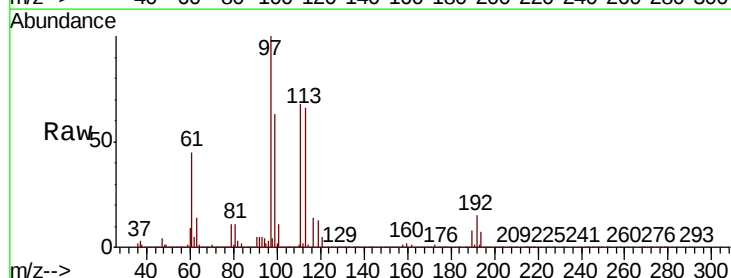
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#32
1,1,1-Trichloroethane
Concen: 47.598 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.1	76.7
61	45.3	36.5	54.7





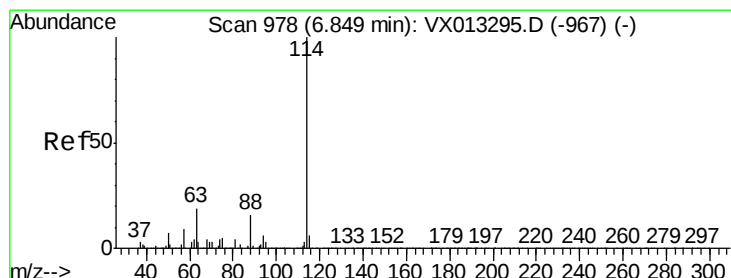
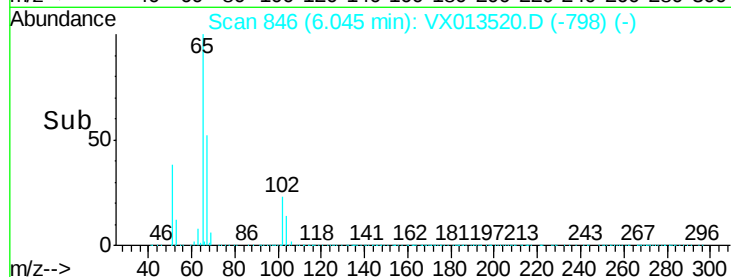
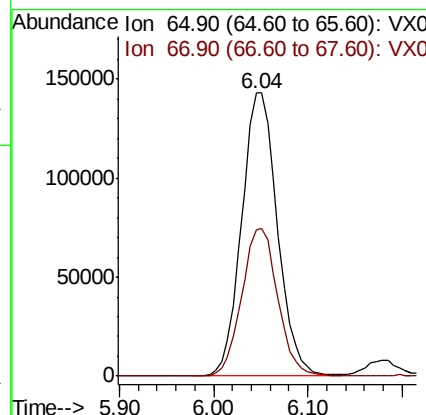
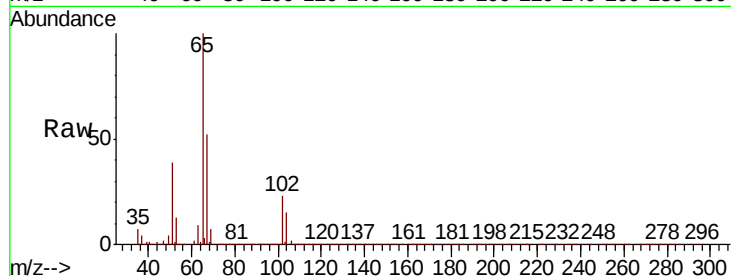
#33
 1,2-Dichloroethane-d4
 Concen: 47.254 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013520.D
 Acq: 22 Nov 2019 09:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.2

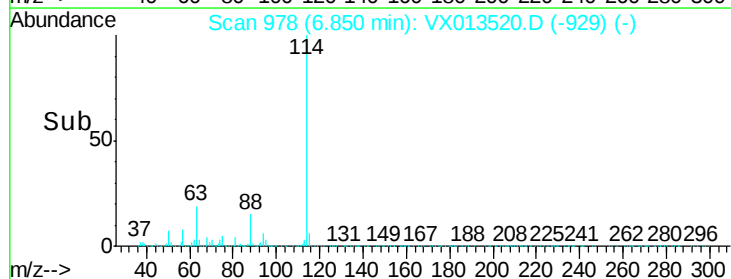
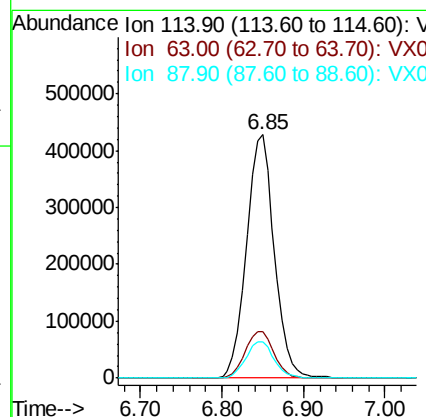
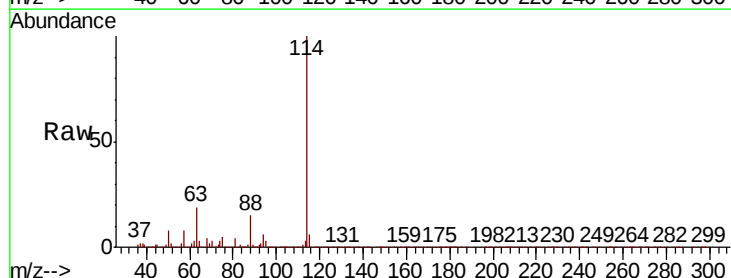
Manual Integrations
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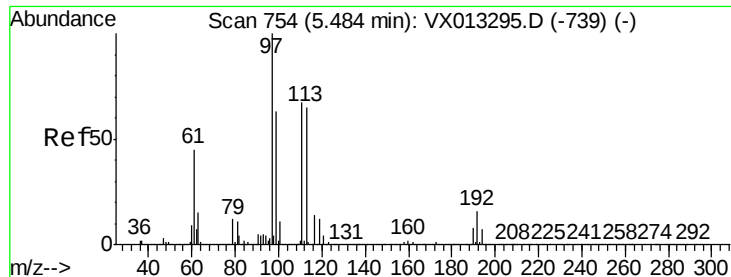
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013520.D
 Acq: 22 Nov 2019 09:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.4
88	14.7	0.0	32.2





#35

Dibromofluoromethane

Concen: 49.796 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

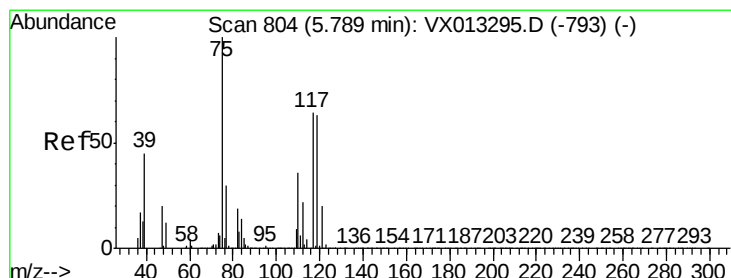
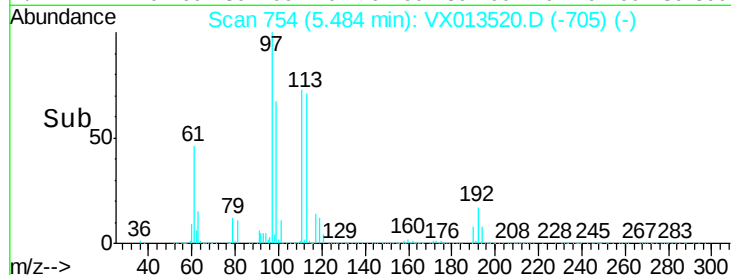
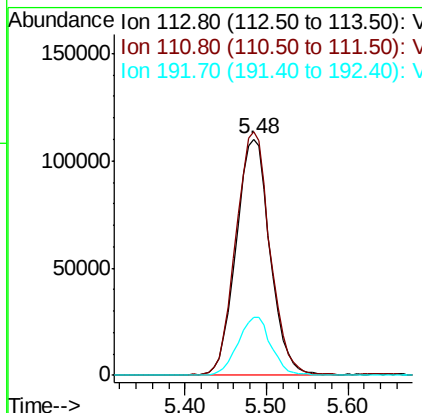
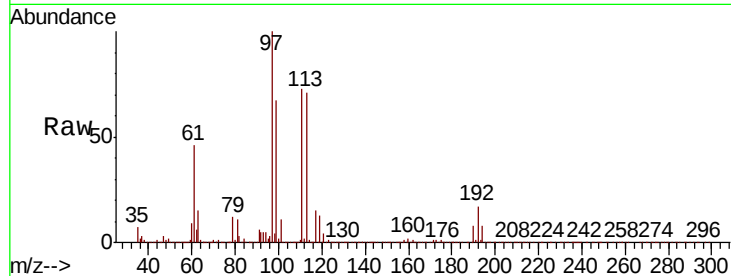
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	316231
Ion Ratio	Lower	Upper	
113	100		
111	104.4	81.9	122.9
192	24.5	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 49.817 ug/l

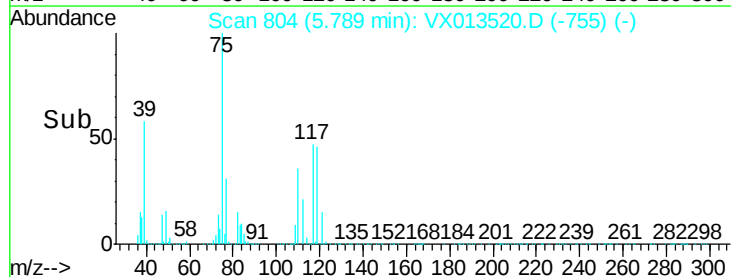
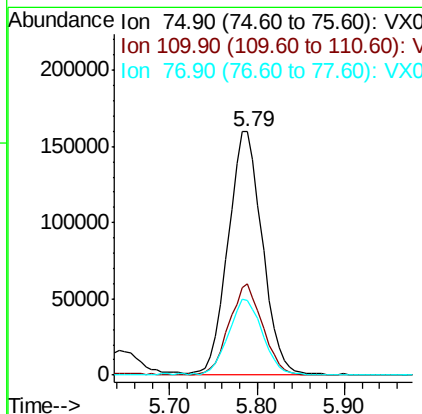
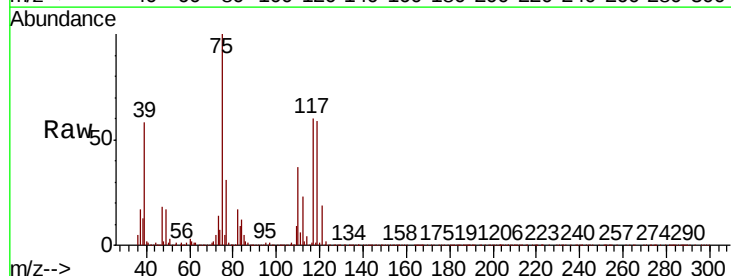
RT: 5.79 min Scan# 804

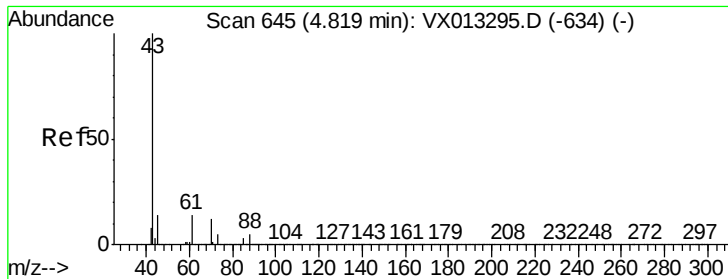
Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Tgt Ion:	75	Resp:	432712
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.1	54.1
77	31.5	25.0	37.4





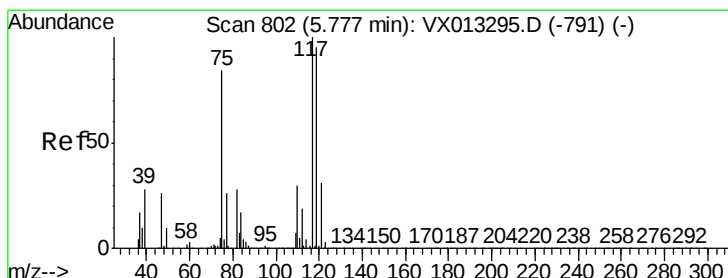
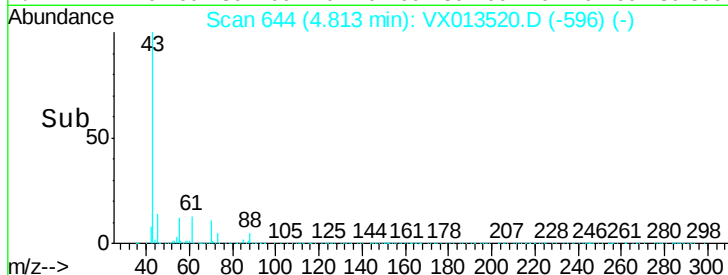
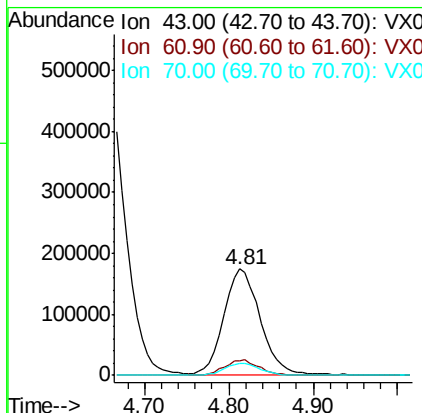
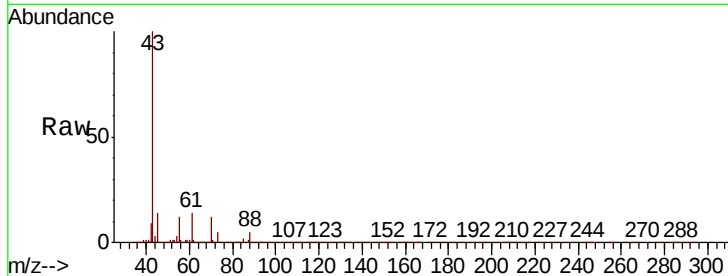
#37
Ethyl Acetate
Concen: 46.968 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	504108
Ion Ratio	Lower	Upper	
43	100		
61	13.9	10.7	16.1
70	11.3	8.7	13.1

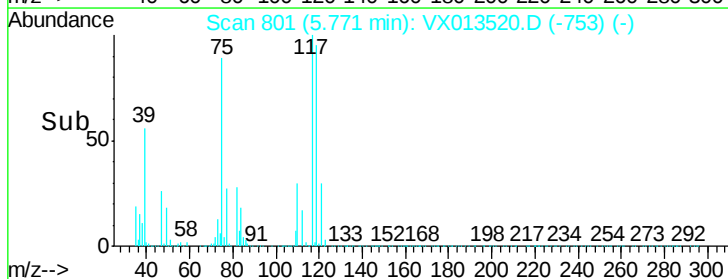
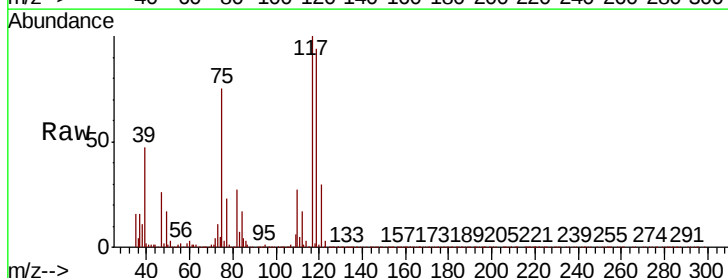
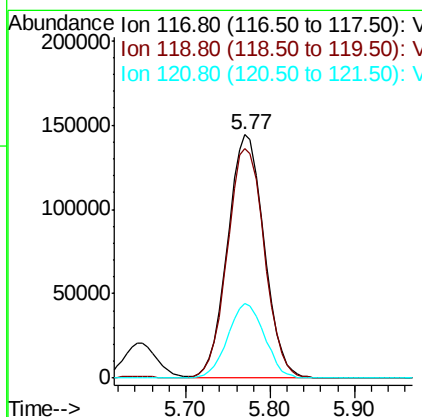
Manual Integrations
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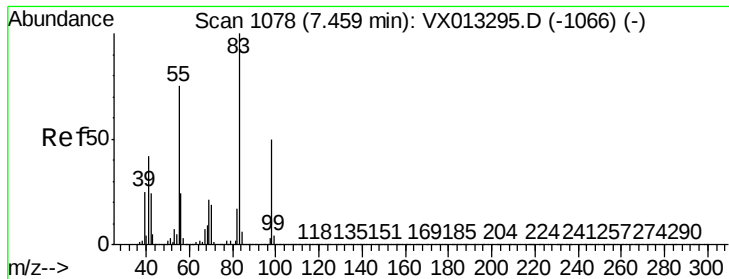
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#38
Carbon Tetrachloride
Concen: 49.844 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Tgt Ion	117	Resp	423361
Ion Ratio	Lower	Upper	
117	100		
119	94.3	76.1	114.1
121	30.3	24.6	37.0





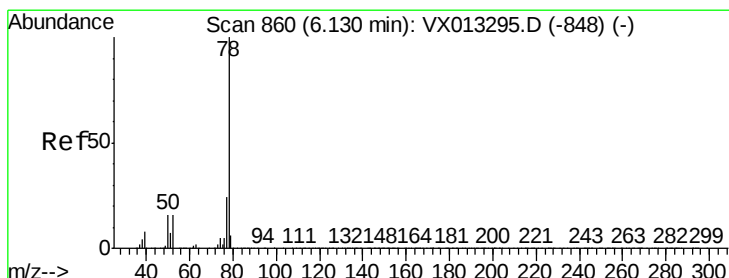
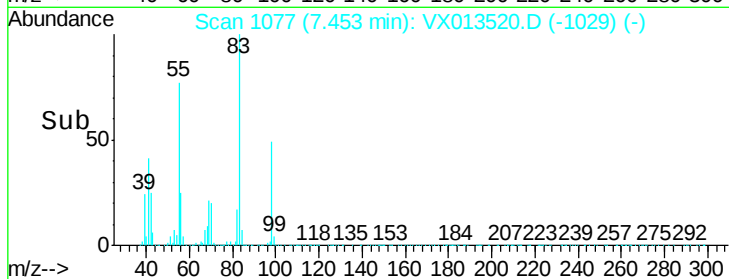
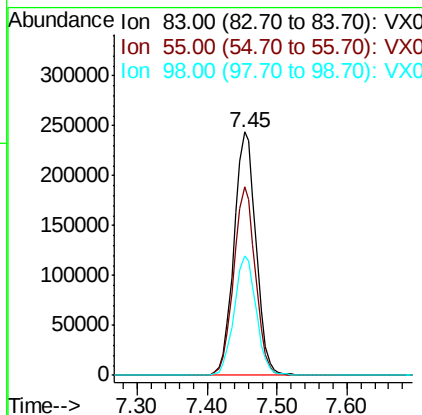
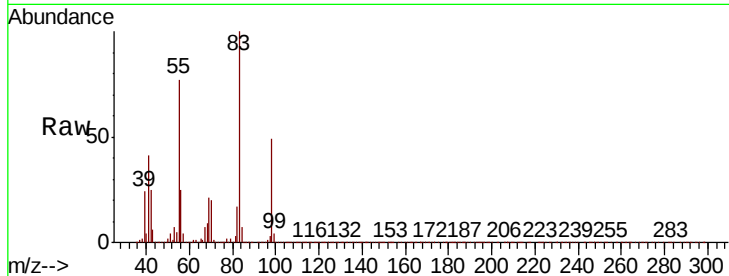
#39
Methvlcvclohexane
Concen: 48.977 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	60.3	90.5
98	49.2	40.3	60.5

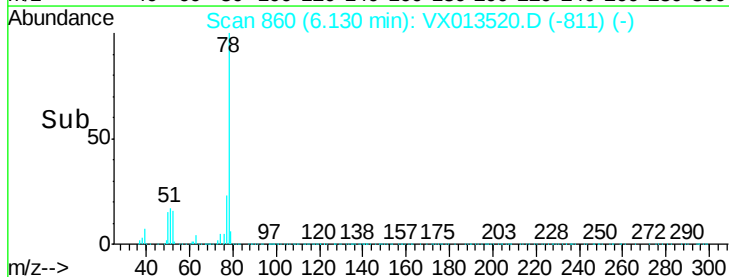
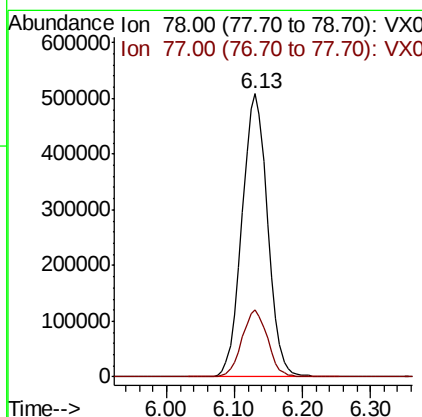
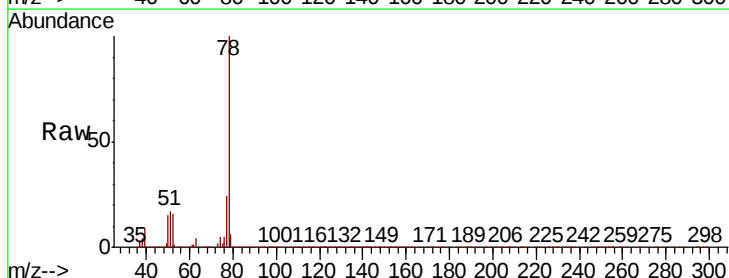
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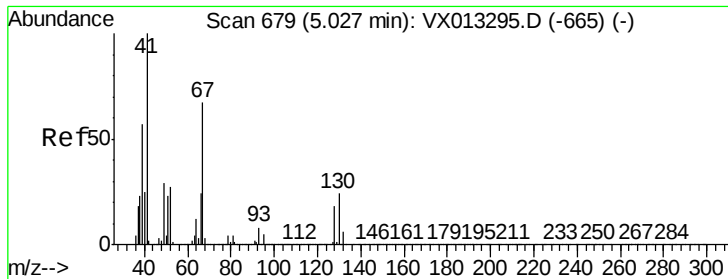
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#40
Benzene
Concen: 49.177 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3





#41

Methacrylonitrile

Concen: 49.826 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

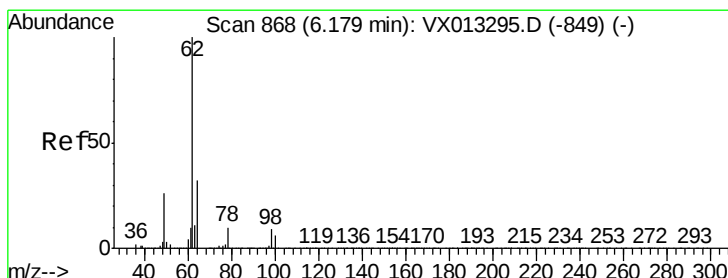
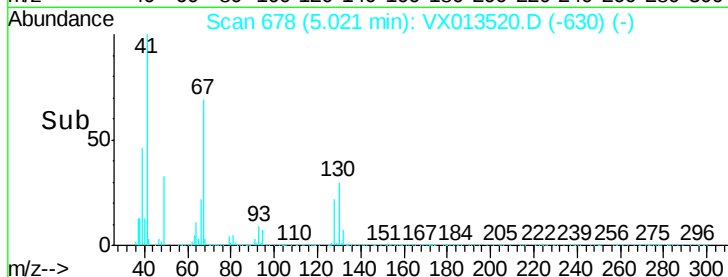
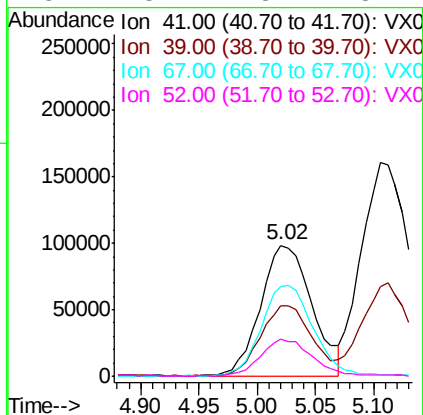
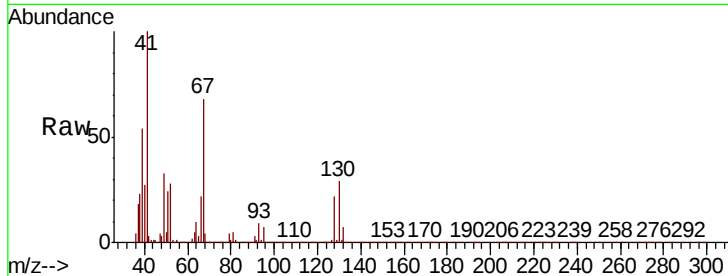
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	45.0	67.6	
67	69.9	55.4	83.2	
52	28.7	23.1	34.7	

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#42

1,2-Dichloroethane

Concen: 48.784 ug/l

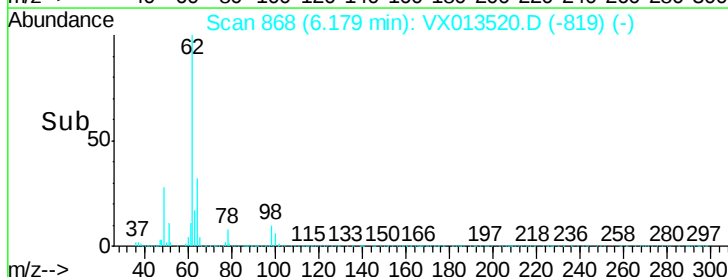
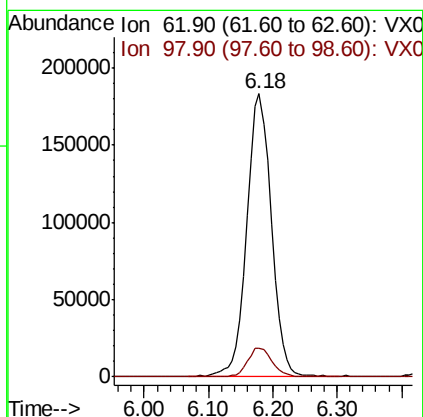
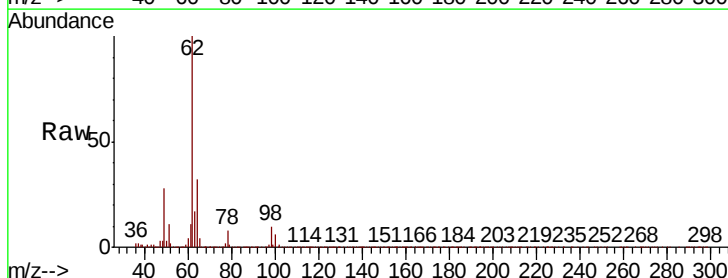
RT: 6.18 min Scan# 868

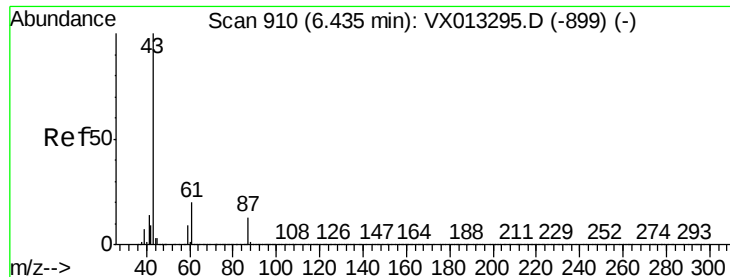
Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	19.4	





#43

Isopropyl Acetate

Concen: 50.913 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

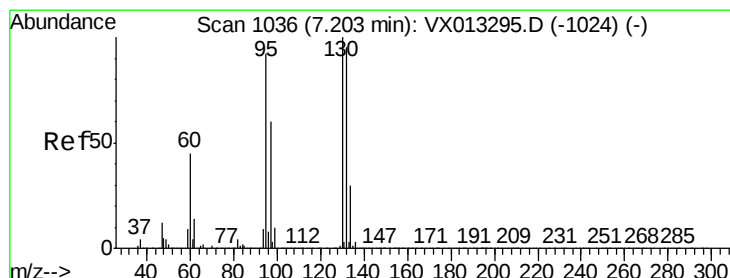
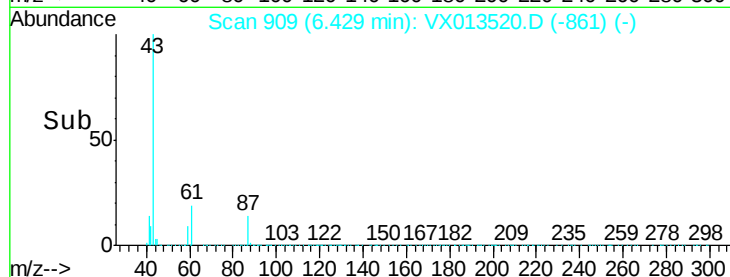
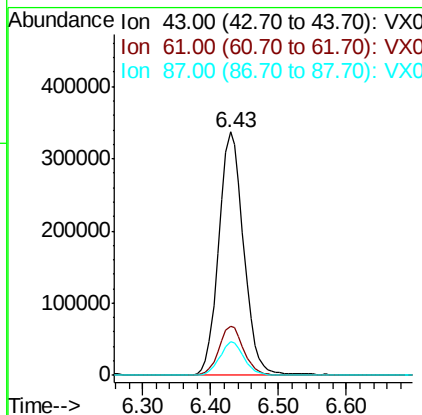
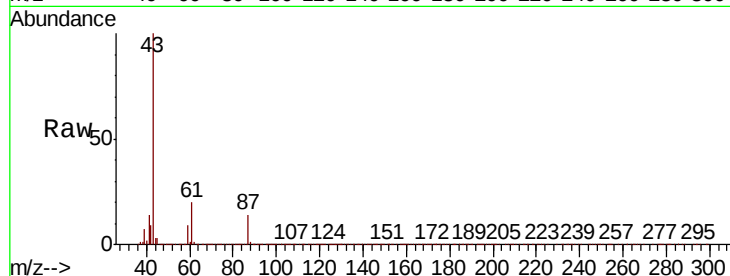
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	850912
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.8	23.8
87	13.4	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 49.215 ug/l

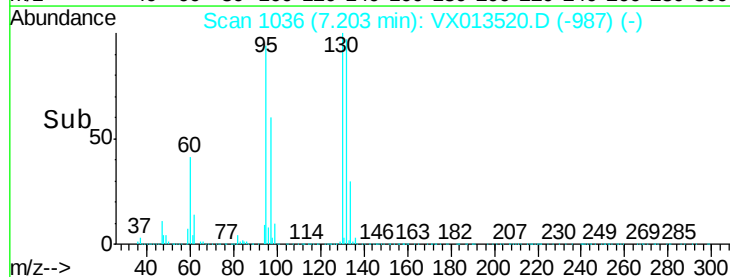
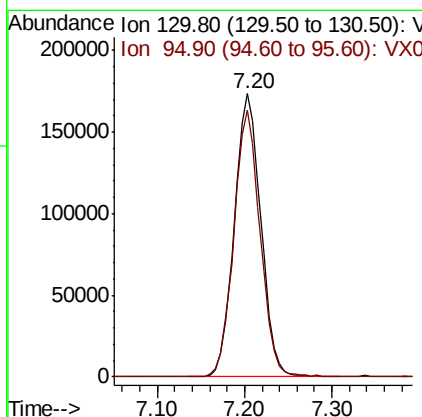
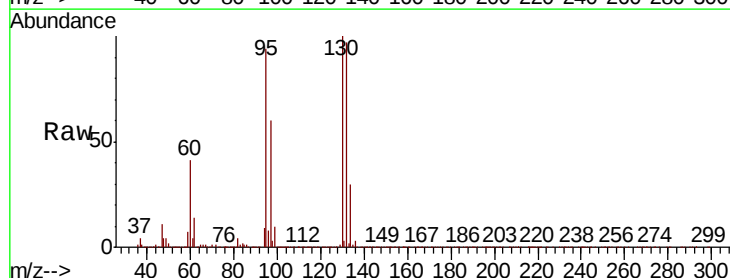
RT: 7.20 min Scan# 1036

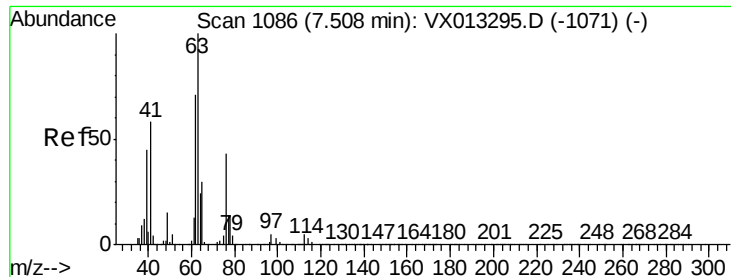
Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Tgt Ion:	130	Resp:	366535
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	184.8





#45

1,2-Dichloropropane

Concen: 51.114 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 352371

Ion Ratio Lower Upper

63 100

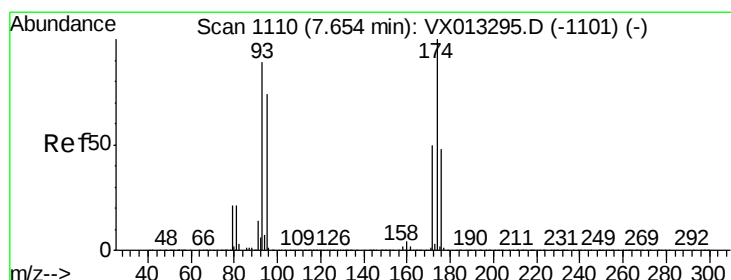
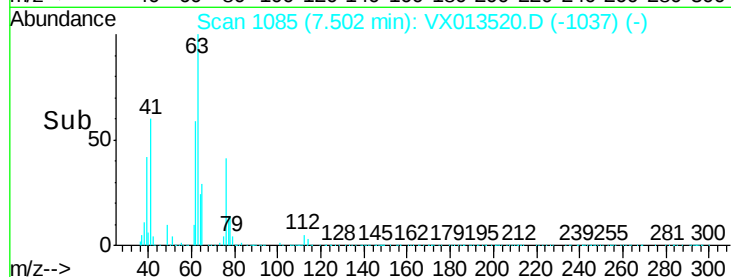
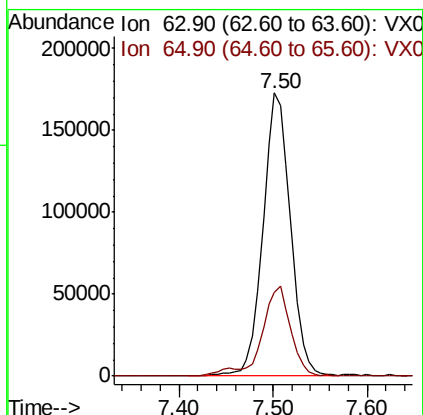
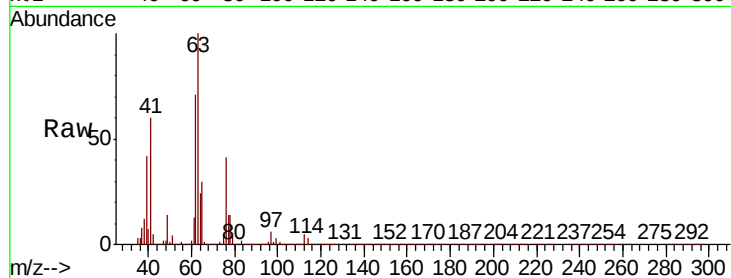
65 29.5 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 48.755 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

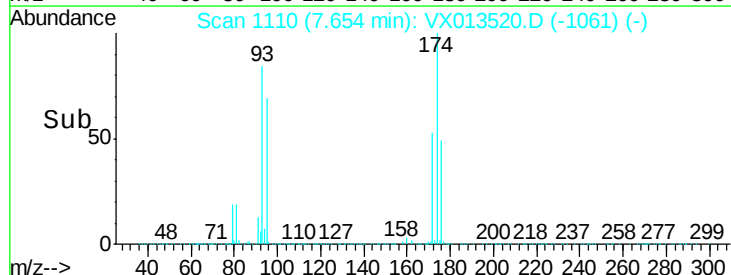
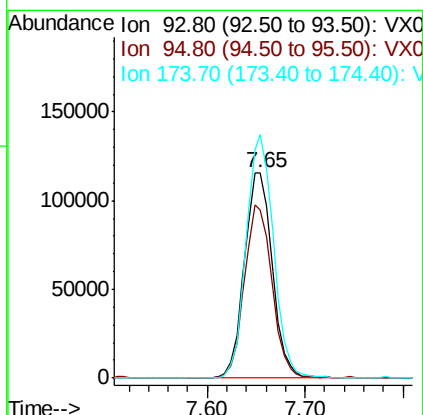
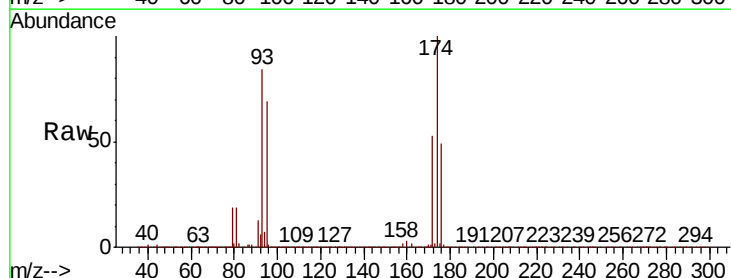
Tgt Ion: 93 Resp: 229486

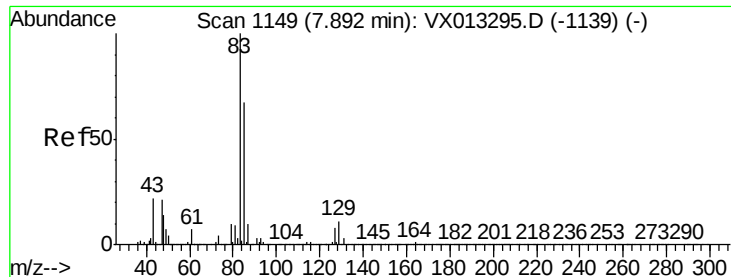
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.6

174 115.9 90.4 135.6





#47

Bromodichloromethane

Concen: 52.385 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

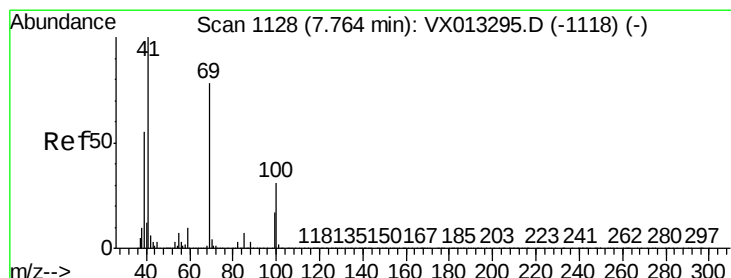
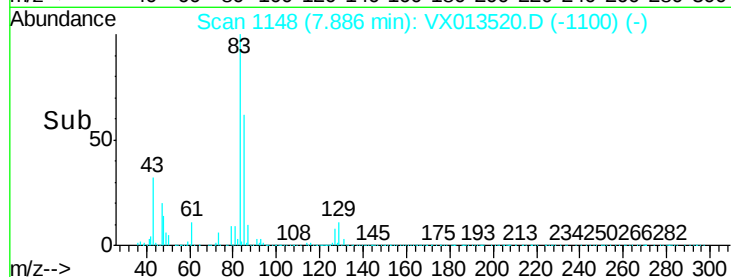
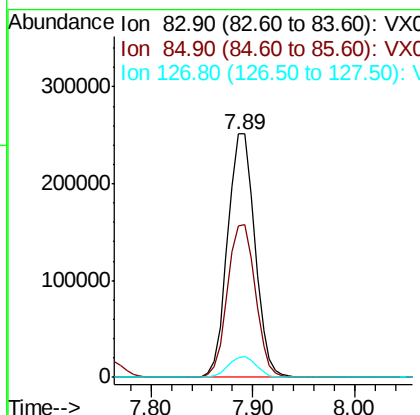
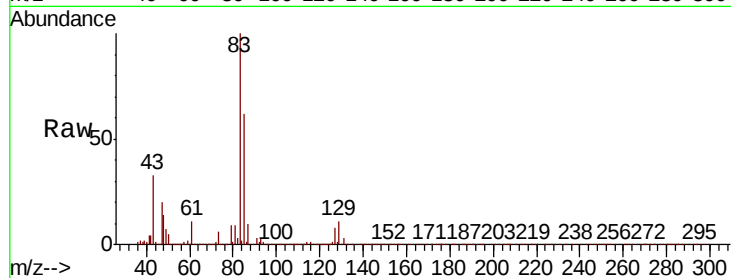
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	464968
Ion	Ratio	Lower	Upper
83	100		
85	62.1	53.7	80.5
127	7.8	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.568 ug/l

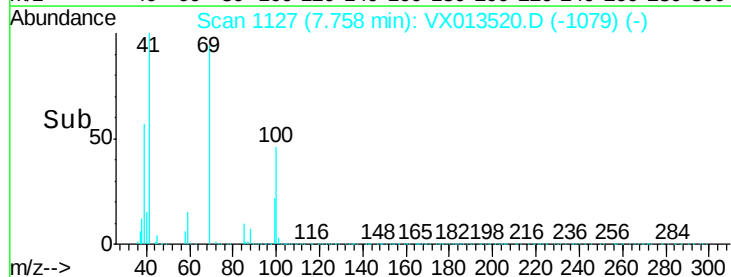
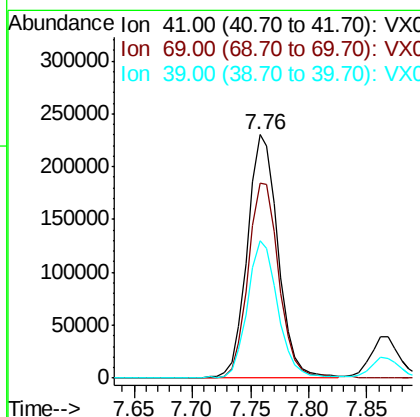
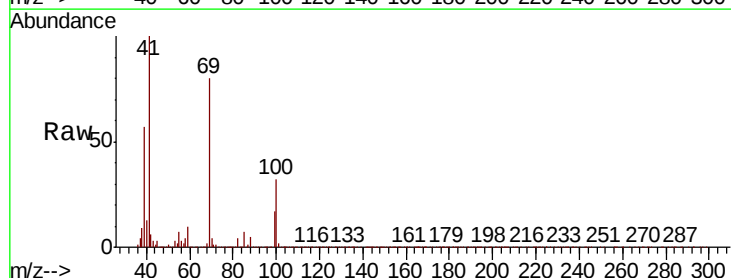
RT: 7.76 min Scan# 1127

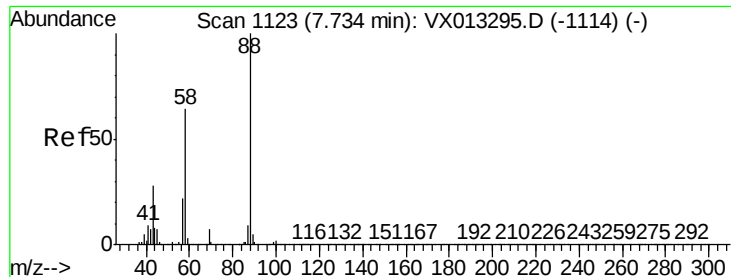
Delta R.T. -0.01 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Tgt Ion:	41	Resp:	421881
Ion	Ratio	Lower	Upper
41	100		
69	81.1	63.0	94.6
39	55.8	45.9	68.9





#49

1,4-Dioxane

Concen: 842.175 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

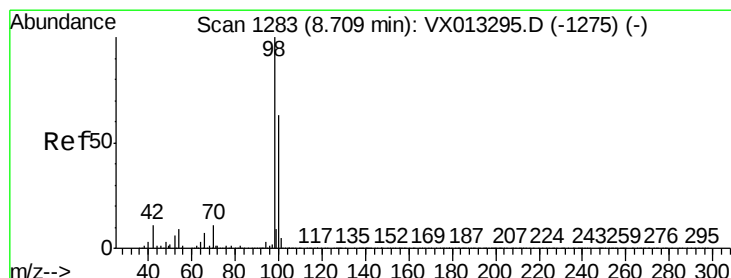
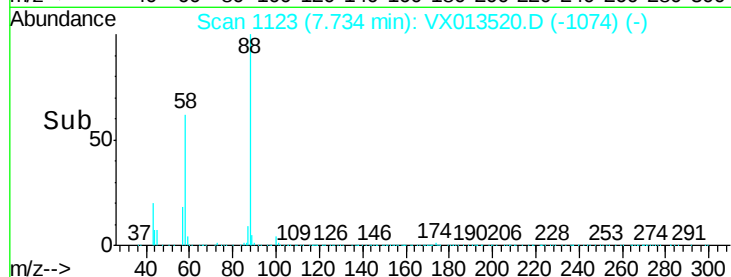
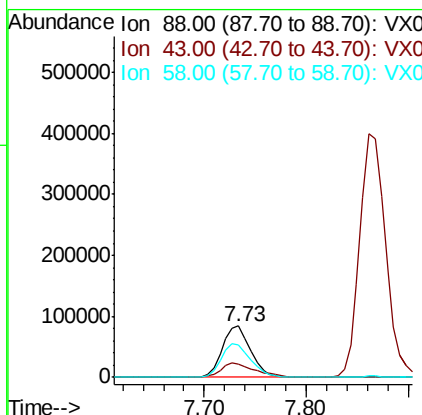
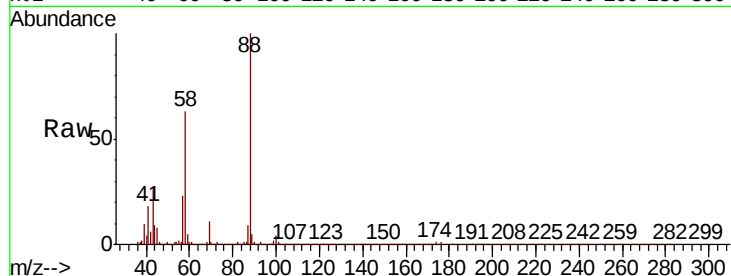
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	160905
Ion	Ratio	Lower	Upper
88	100		
43	33.1	26.6	39.8
58	69.1	55.0	82.6

Manual Integrations
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#50

Toluene-d8

Concen: 50.274 ug/l

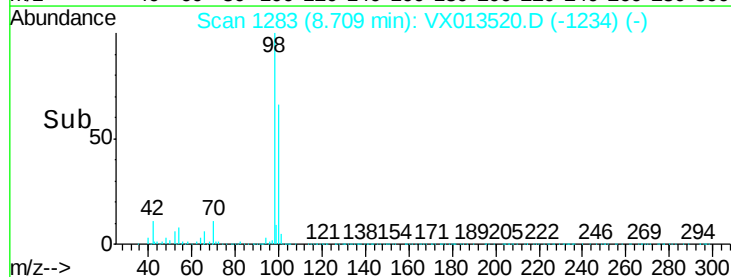
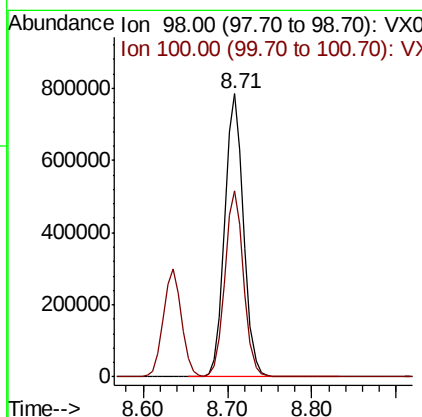
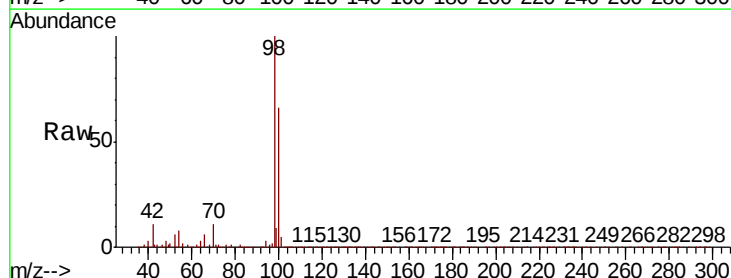
RT: 8.71 min Scan# 1283

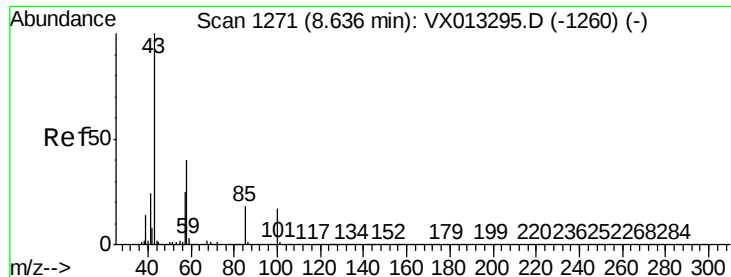
Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Tgt Ion:	98	Resp:	1203605
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 247.479 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2713657

Ion Ratio Lower Upper

43 100

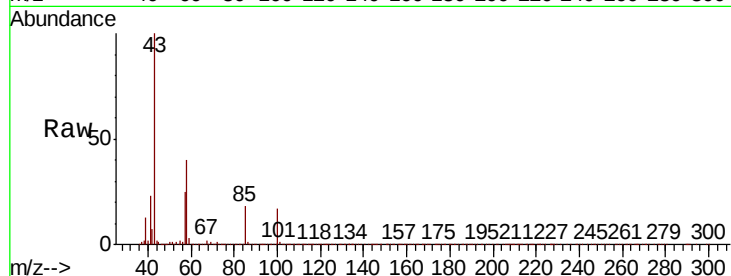
58 39.9 31.4 47.0

Manual Integrations

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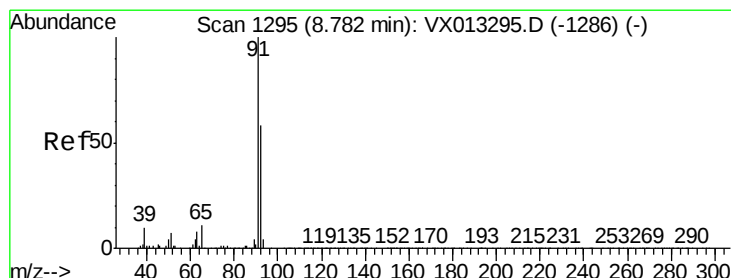
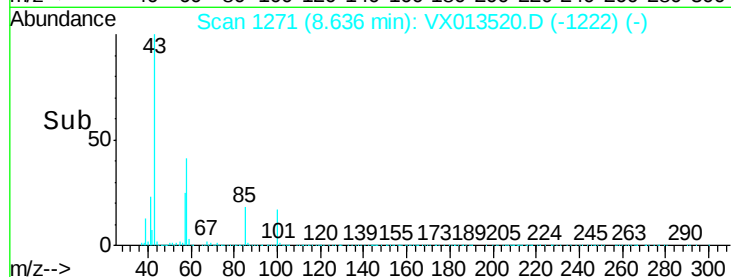
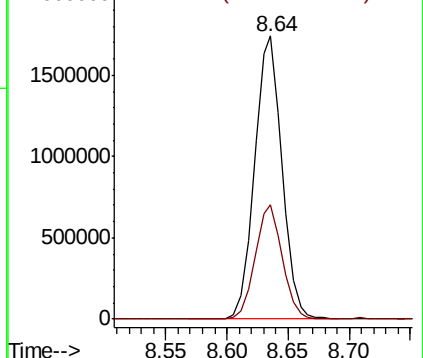
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.527 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013520.D

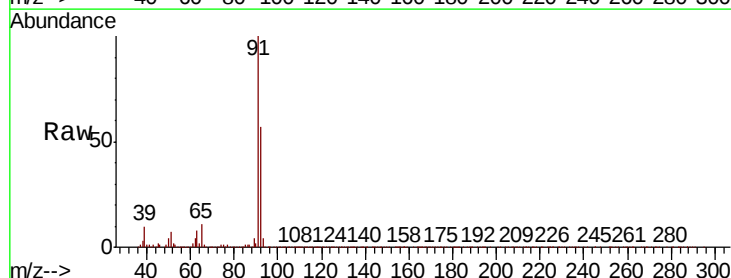
Acq: 22 Nov 2019 09:27

Tgt Ion: 92 Resp: 847315

Ion Ratio Lower Upper

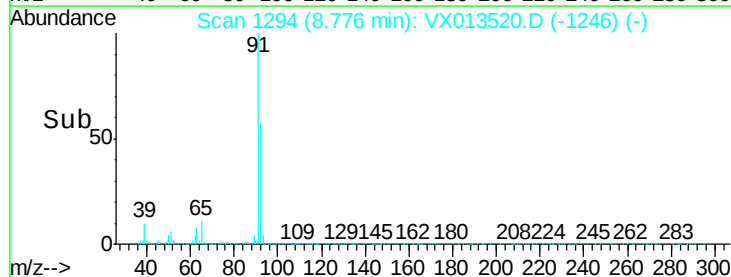
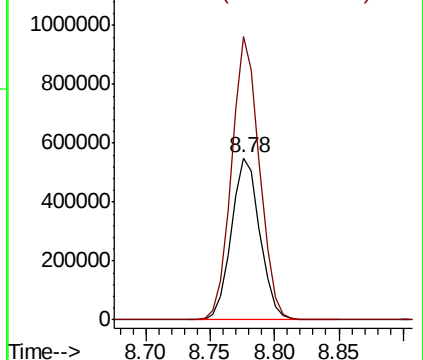
92 100

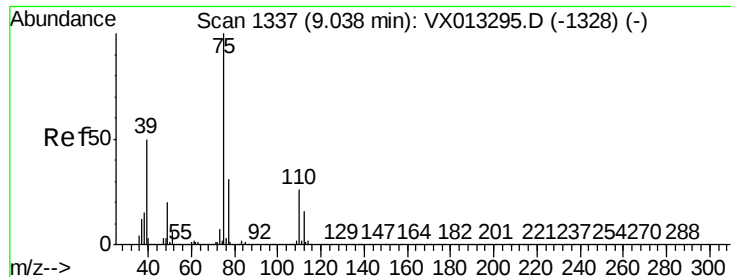
91 171.3 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





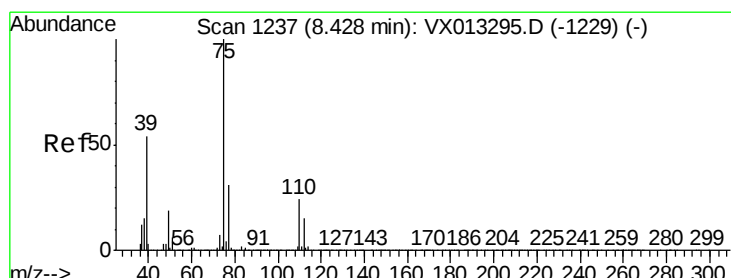
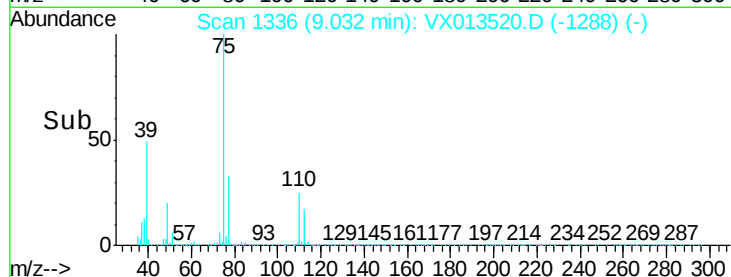
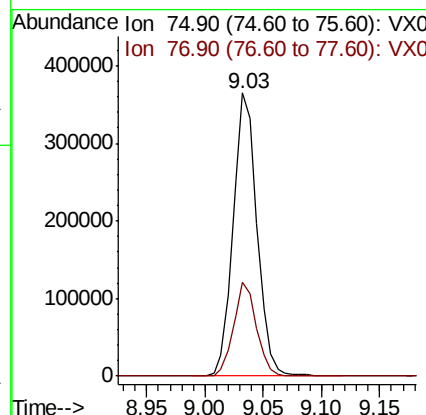
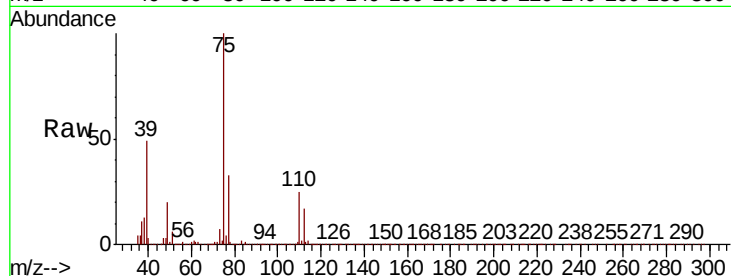
#53
t-1,3-Dichloropropene
Concen: 53.444 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.0	37.4

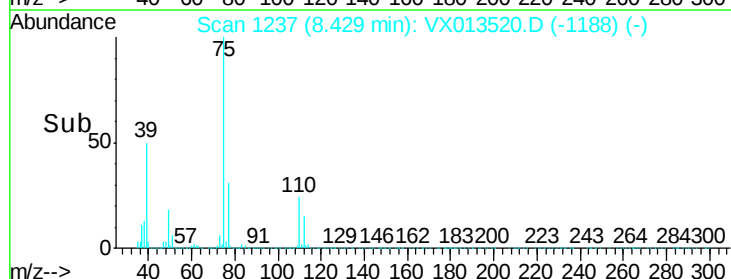
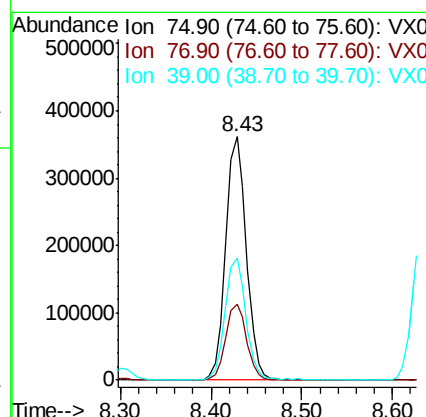
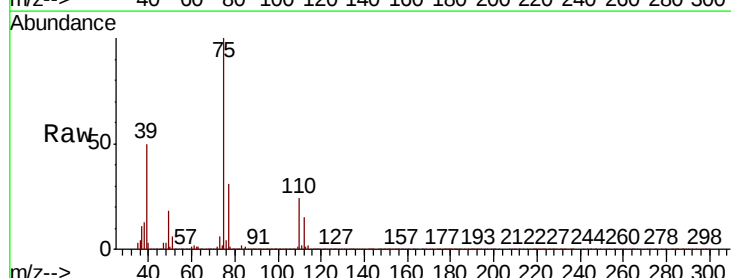
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#54
cis-1,3-Dichloropropene
Concen: 52.799 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.7	37.1
39	49.9	43.0	64.6





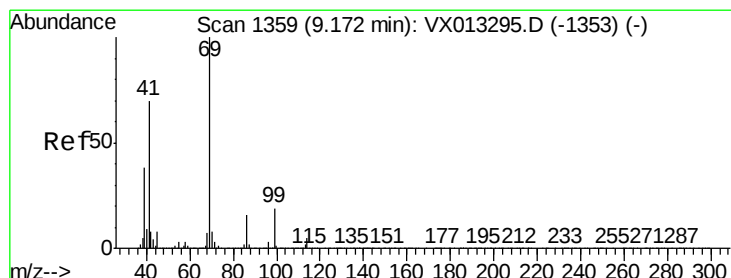
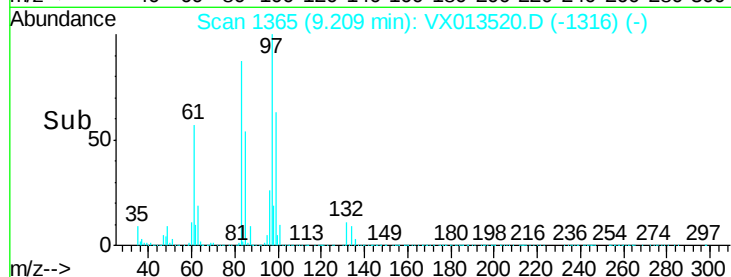
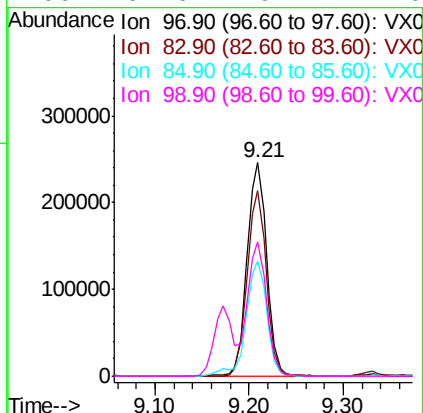
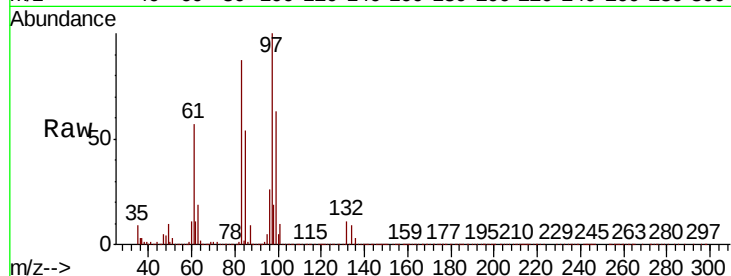
#55
 1,1,2-Trichloroethane
 Concen: 51.595 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013520.D
 Acq: 22 Nov 2019 09:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	358627
Ion Ratio	Lower	Upper	
97	100		
83	86.7	68.6	103.0
85	53.9	43.1	64.7
99	62.6	49.4	74.0

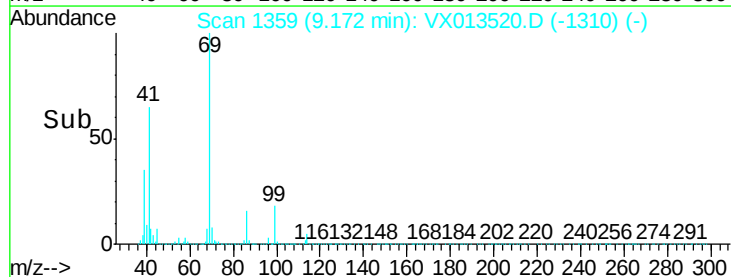
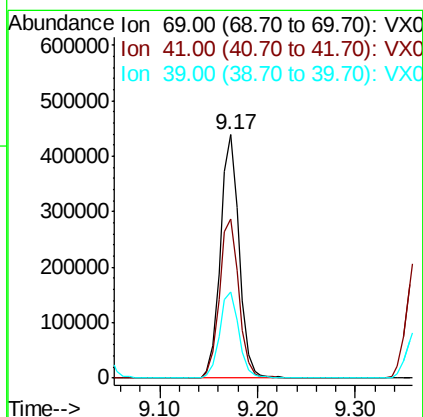
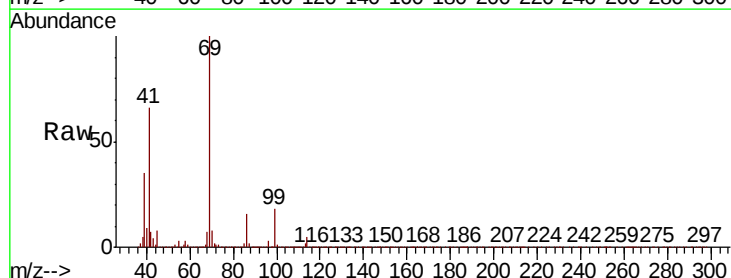
Manual Integrations
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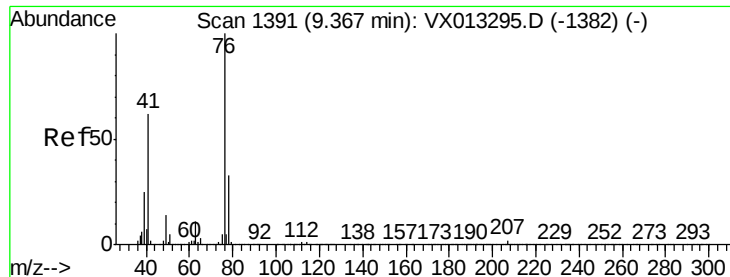
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 11/25/2019 10:40:35 AM



#56
 Ethyl methacrylate
 Concen: 48.962 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013520.D
 Acq: 22 Nov 2019 09:27

Tgt Ion:	69	Resp:	580600
Ion Ratio	Lower	Upper	
69	100		
41	68.2	56.2	84.2
39	36.1	31.1	46.7





#57

1,3-Dichloropropane

Concen: 50.717 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 598422

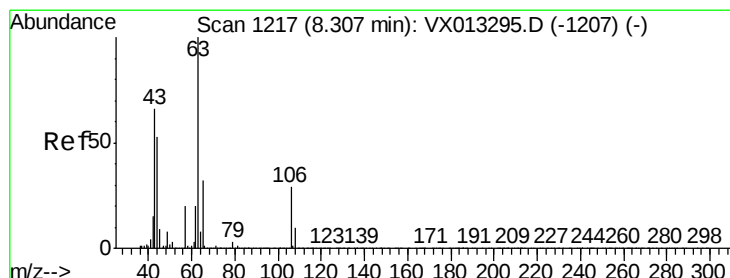
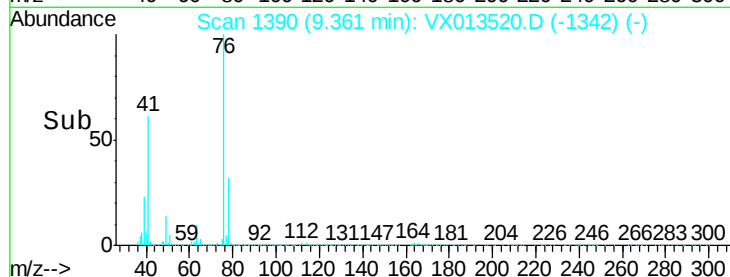
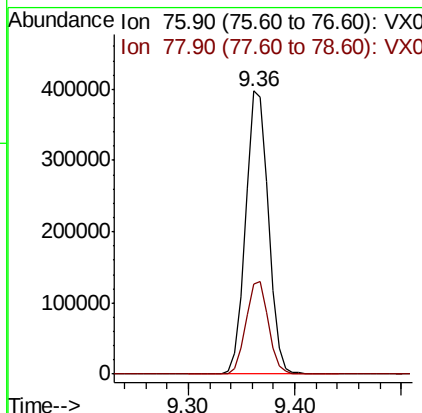
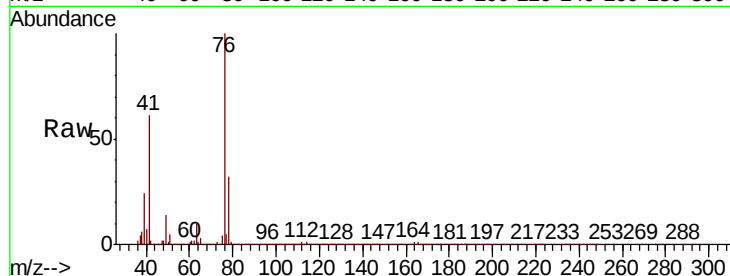
Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6

Manual Integrations
APPROVED

MMDadoda
11/25/2019 10:40:35 AM



#58

2-Chloroethyl Vinyl ether

Concen: 249.043 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013520.D

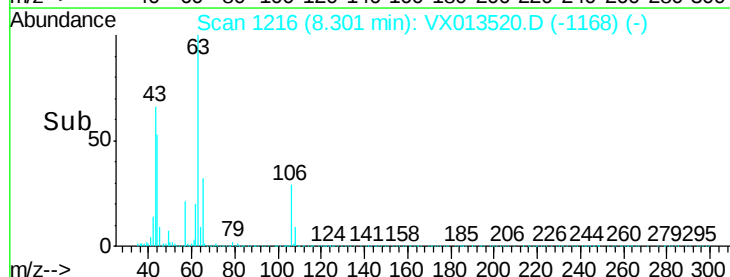
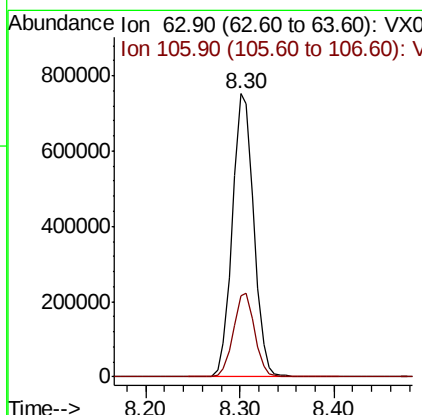
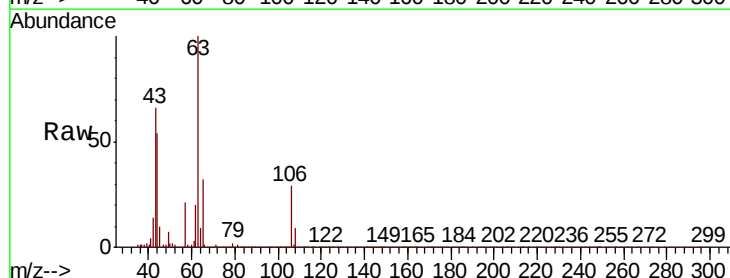
Acq: 22 Nov 2019 09:27

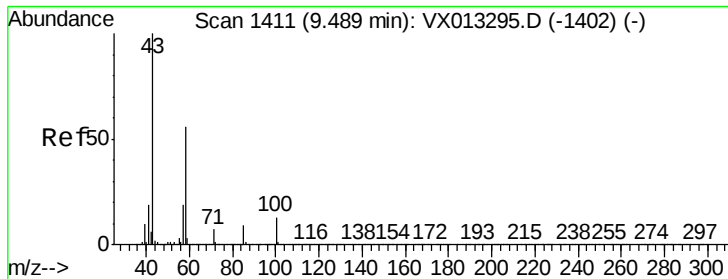
Tgt Ion: 63 Resp: 1183597

Ion Ratio Lower Upper

63 100

106 29.5 23.4 35.2





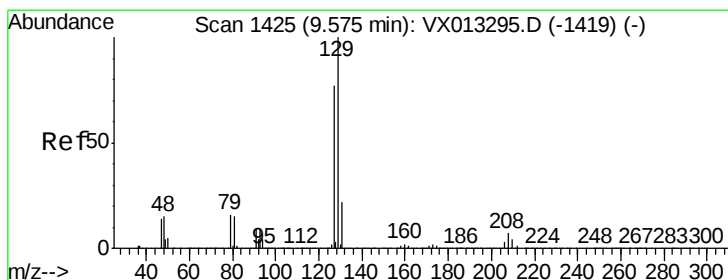
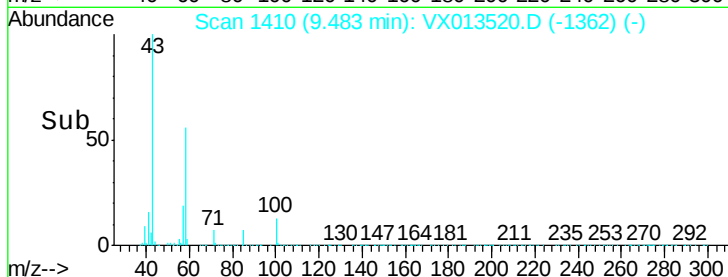
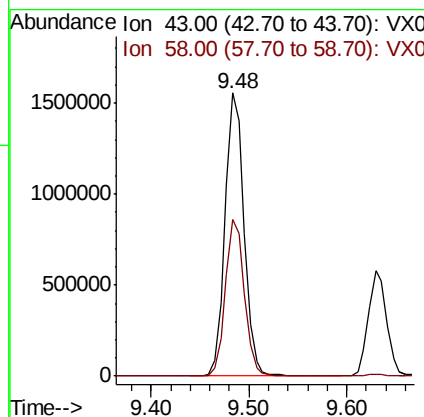
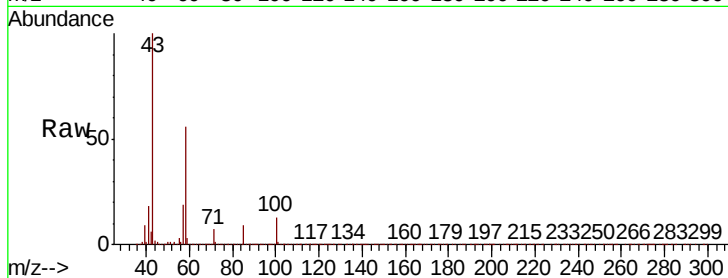
#59
2-Hexanone
Concen: 247.905 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2100664
Ion Ratio Lower Upper
43 100
58 55.3 27.3 81.8

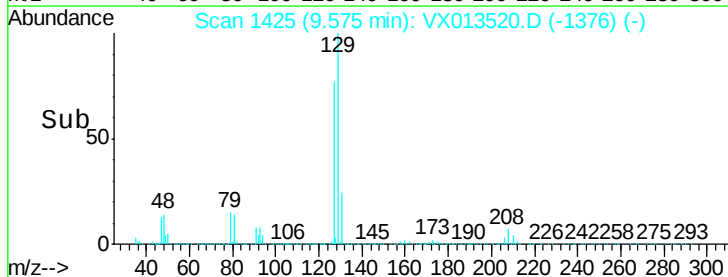
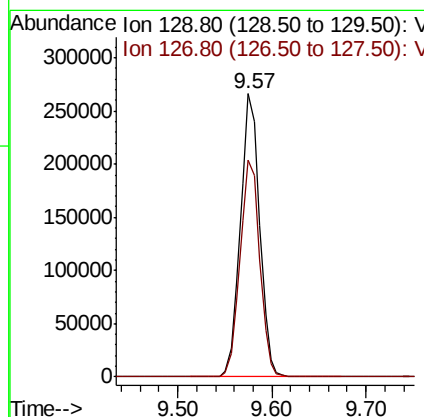
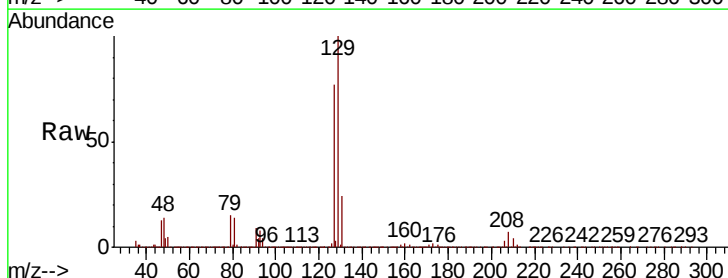
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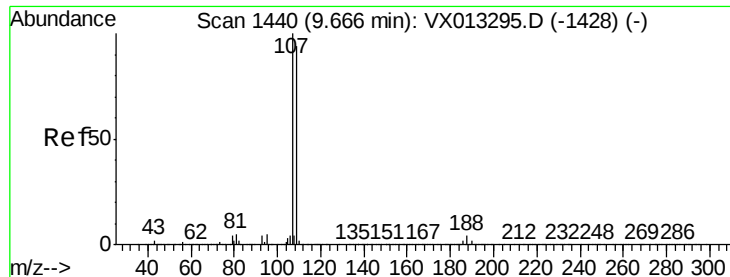
MMDadoda
11/25/2019 10:40:35 AM



#60
Dibromochloromethane
Concen: 53.273 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Tgt Ion: 129 Resp: 378703
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.719 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 366967

Ion Ratio Lower Upper

107 100

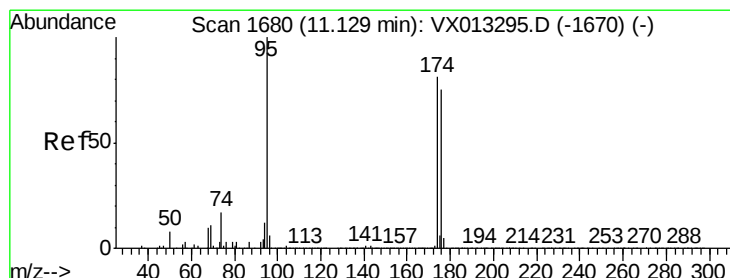
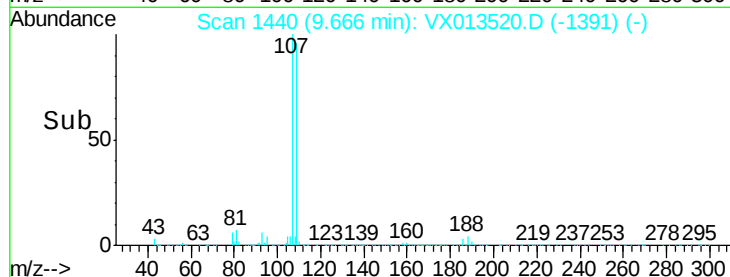
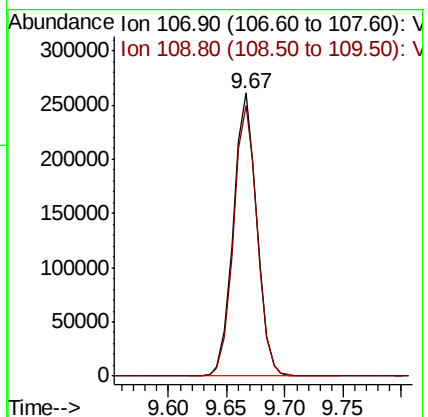
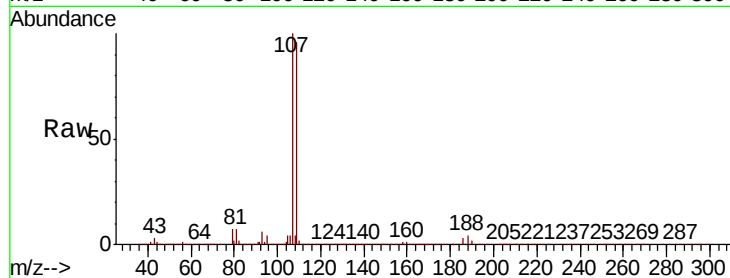
109 96.0 75.1 112.7

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 50.714 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

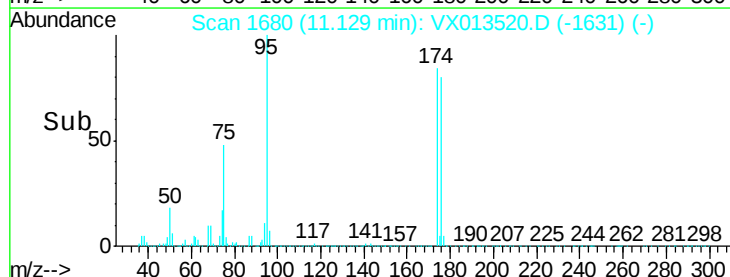
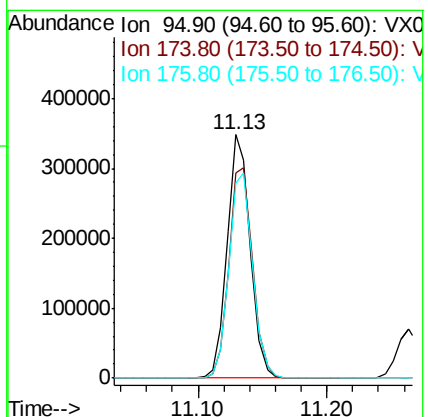
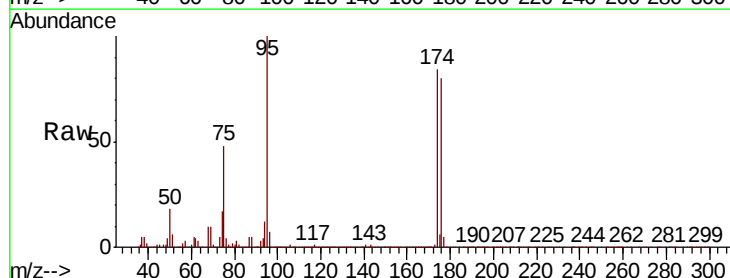
Tgt Ion: 95 Resp: 438183

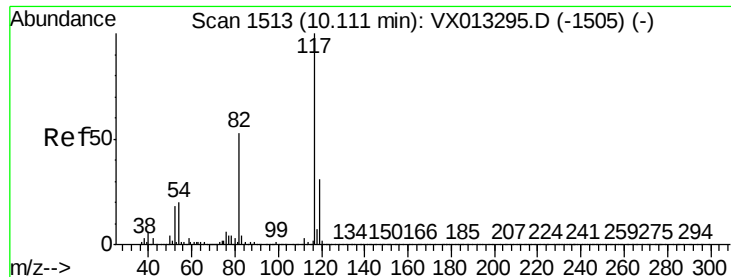
Ion Ratio Lower Upper

95 100

174 89.2 0.0 179.8

176 86.9 0.0 173.0





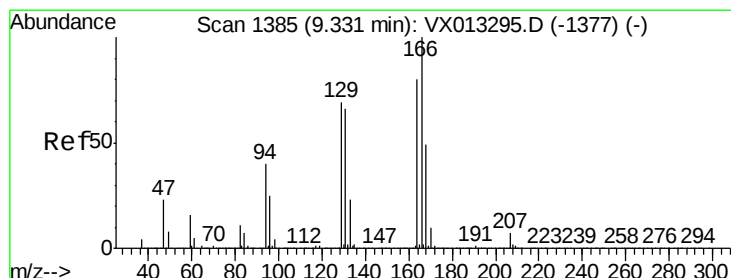
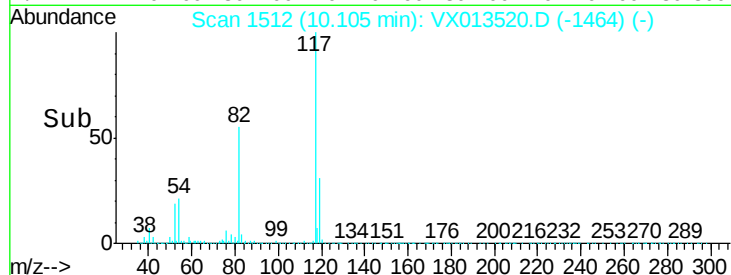
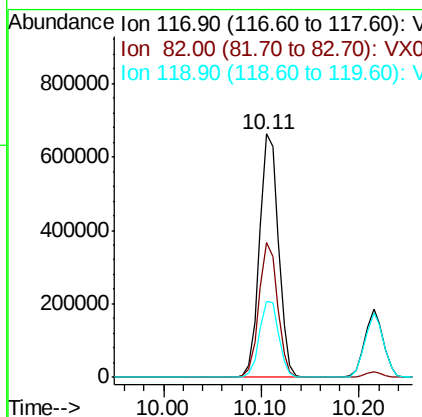
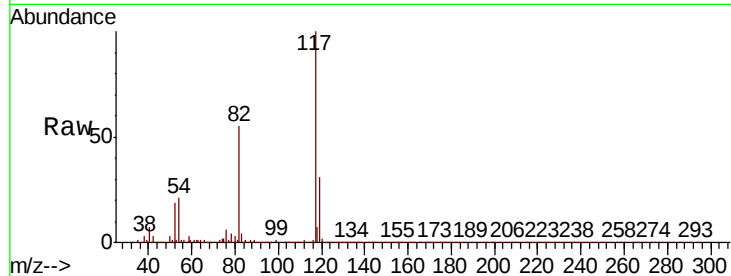
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.6	64.0
119	31.2	24.8	37.2

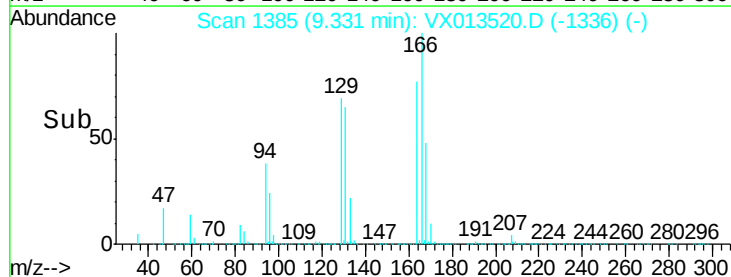
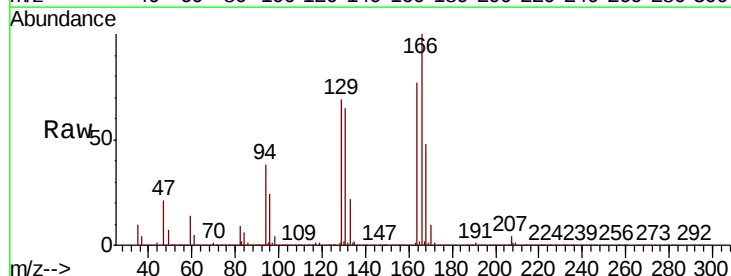
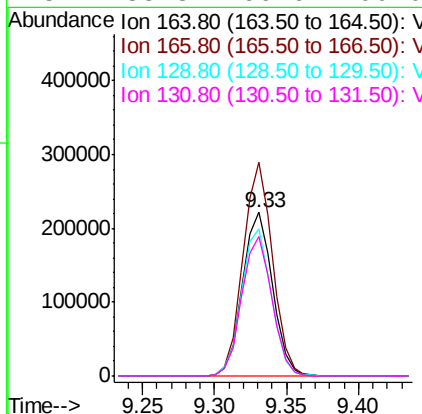
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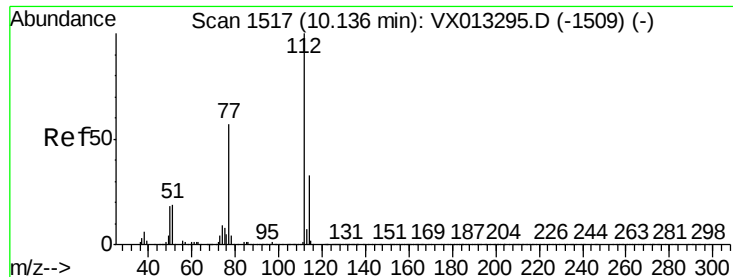
MMDadoda
11/25/2019 10:40:35 AM



#64
Tetrachloroethene
Concen: 49.440 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	100.4	150.6
129	89.7	69.4	104.2
131	85.3	66.6	100.0





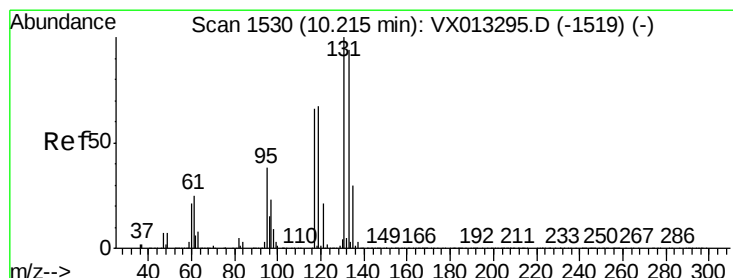
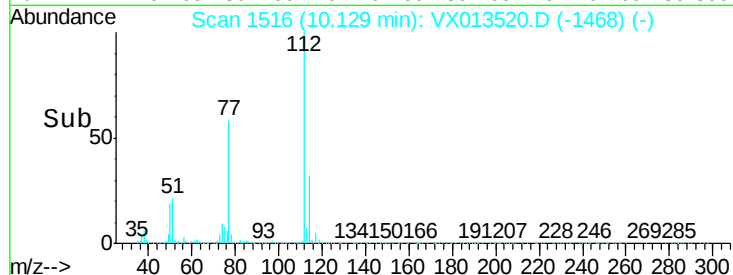
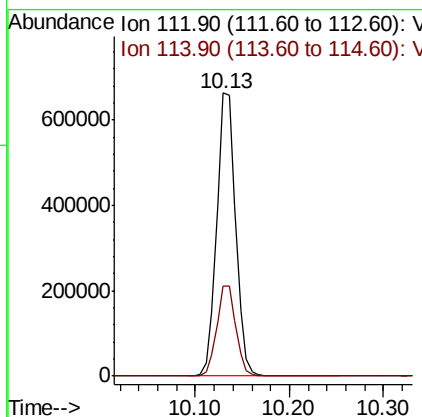
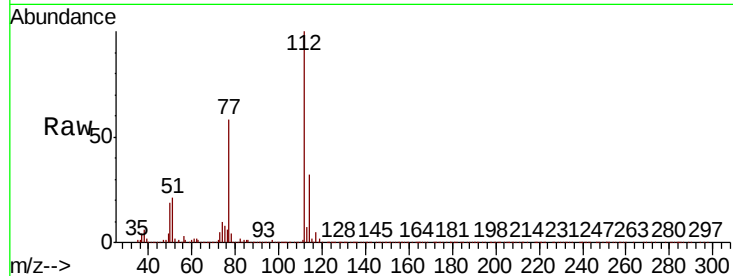
#65
Chlorobenzene
Concen: 50.732 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.4	39.6

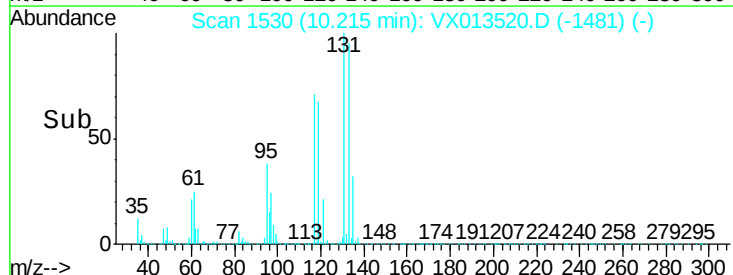
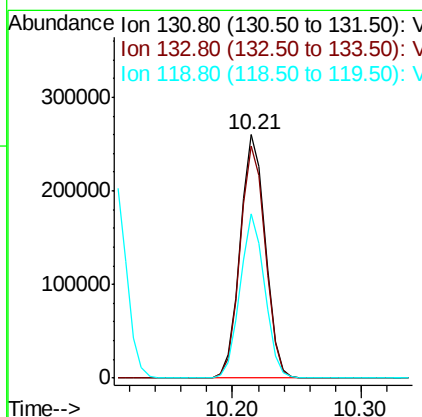
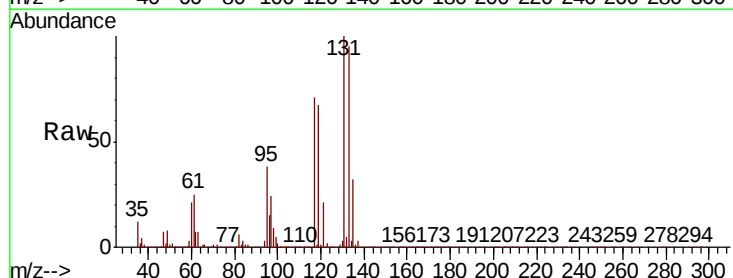
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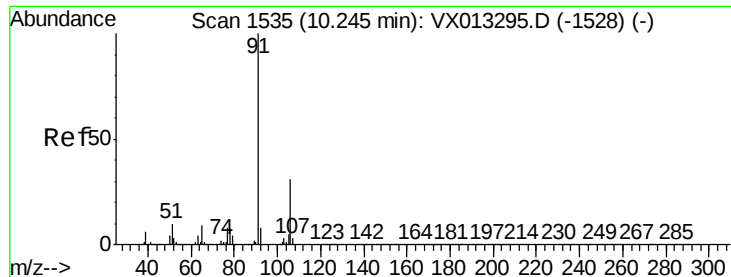
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.466 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	48.0	144.0
119	66.0	33.0	99.0





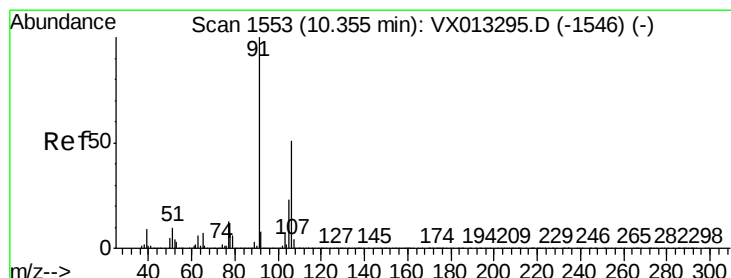
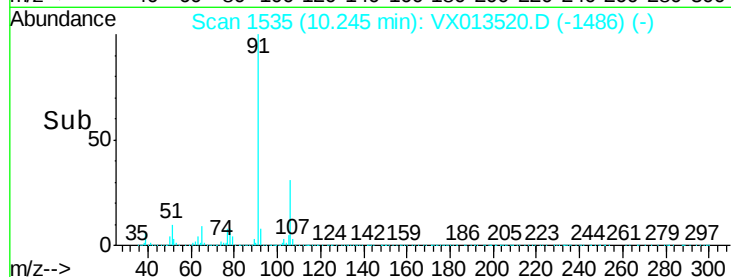
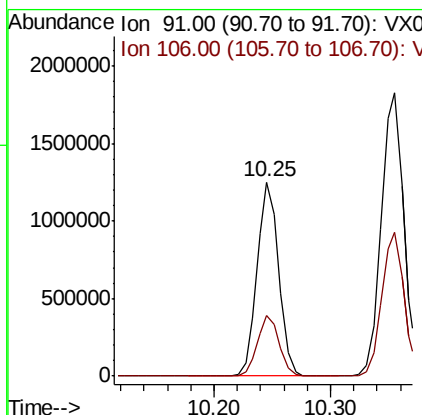
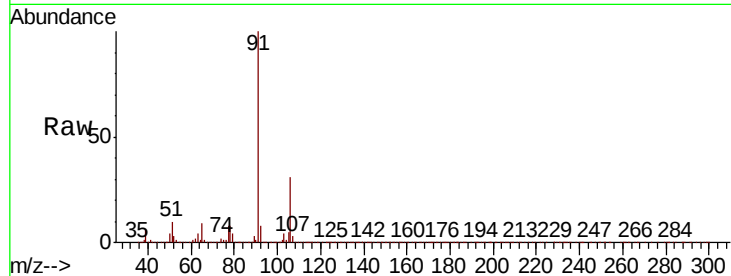
#67
Ethyl Benzene
Concen: 51.662 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1620290
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8

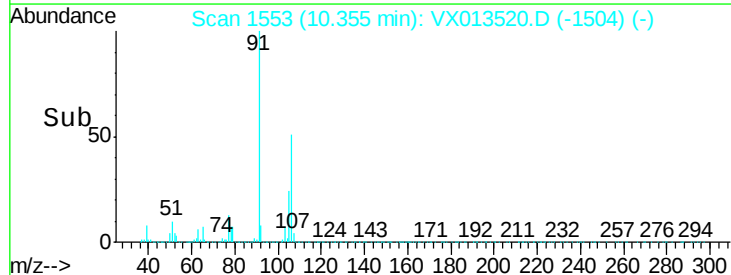
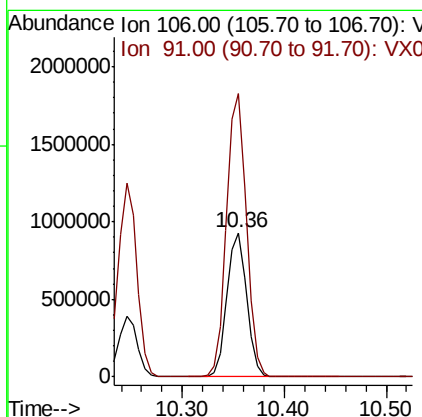
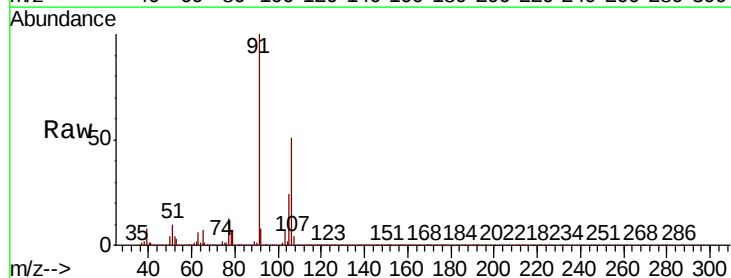
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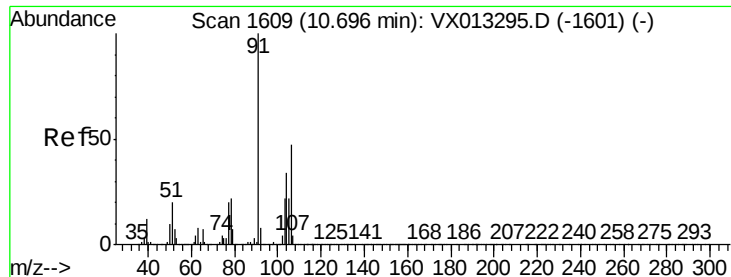
MMDadoda
11/25/2019 10:40:35 AM



#68
m/p-Xylenes
Concen: 104.469 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Tgt Ion: 106 Resp: 1239134
Ion Ratio Lower Upper
106 100
91 198.7 159.3 238.9





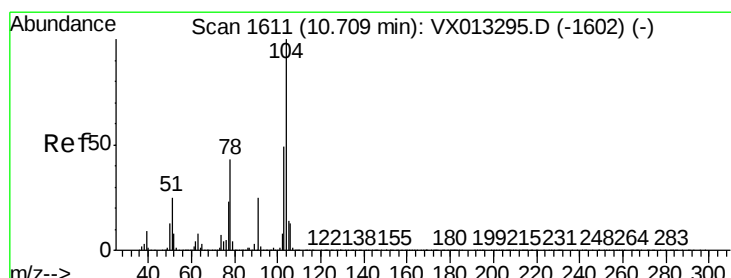
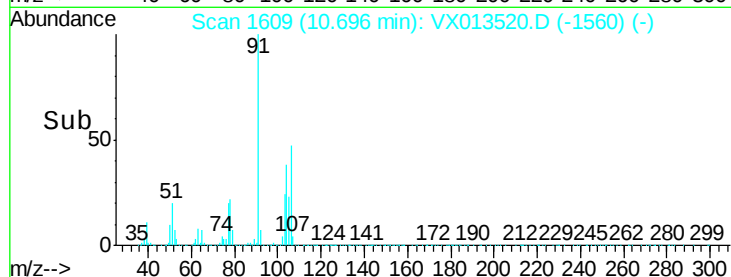
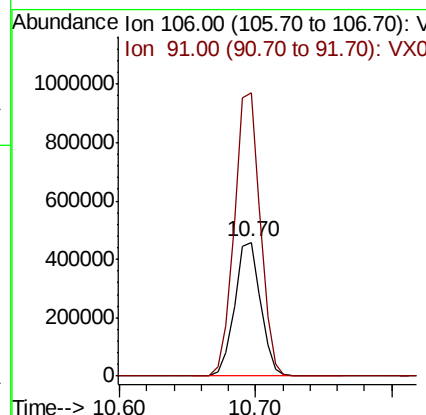
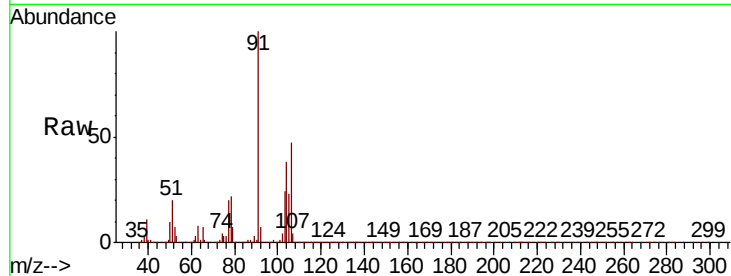
#69
o-Xylene
Concen: 52.121 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 605254
Ion Ratio Lower Upper
106 100
91 212.1 105.7 317.0

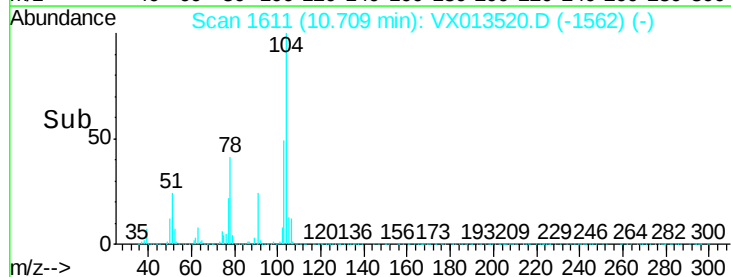
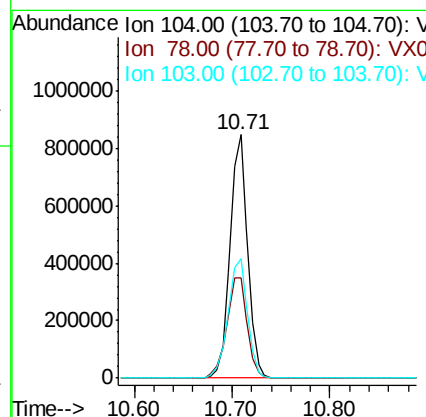
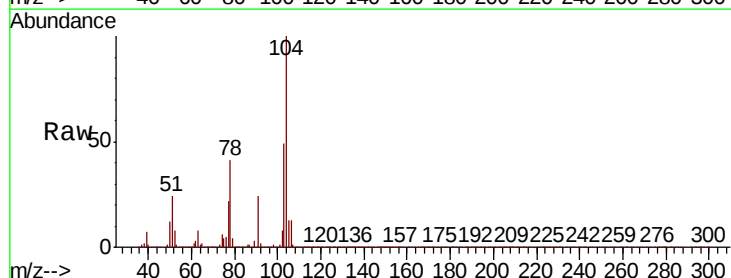
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11/25/2019 10:40:35 AM



#70
Styrene
Concen: 54.492 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Tgt Ion:104 Resp: 1057782
Ion Ratio Lower Upper
104 100
78 47.8 40.0 60.0
103 54.2 44.1 66.1





#71

Bromoform

Concen: 48.427 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

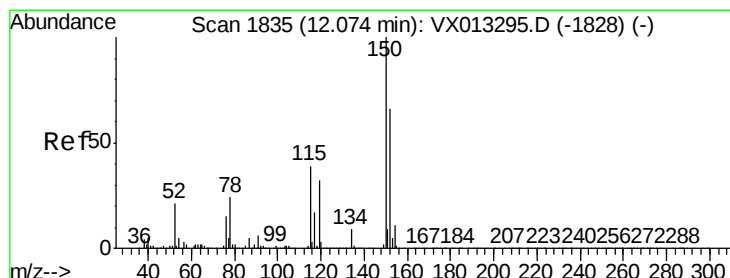
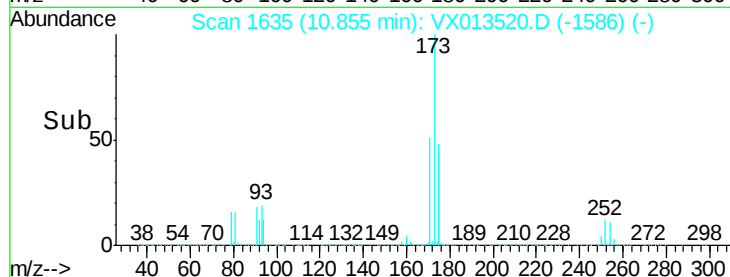
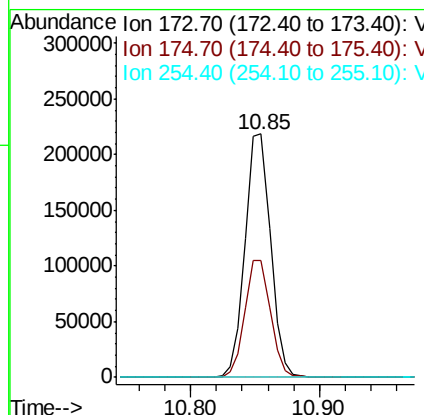
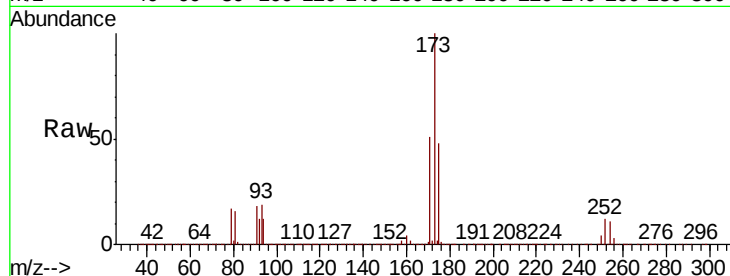
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	298932
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.8	74.4
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

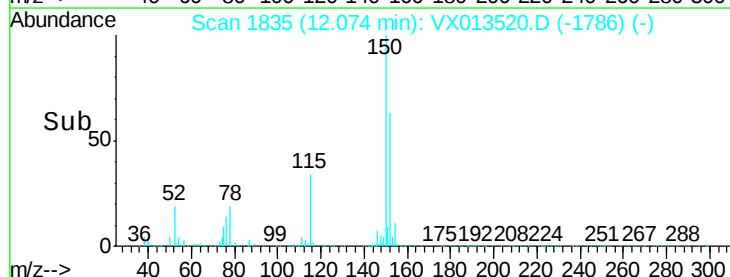
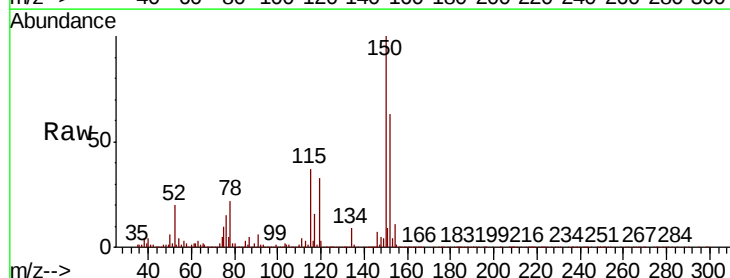
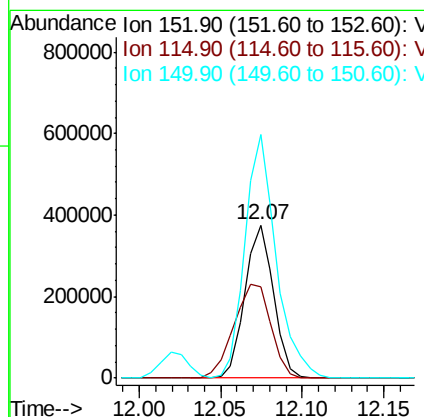
RT: 12.07 min Scan# 1835

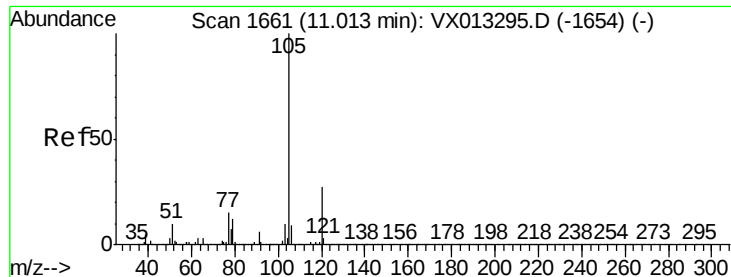
Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Tgt Ion:	152	Resp:	457947
Ion Ratio	Lower	Upper	
152	100		
115	79.4	39.5	118.3
150	173.3	0.0	344.4





#73

Isopropylbenzene

Concen: 53.568 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1626453

Ion Ratio Lower Upper

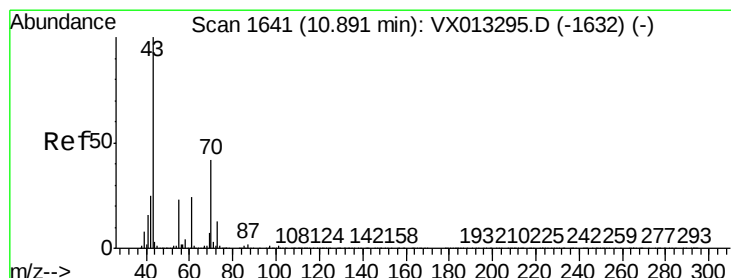
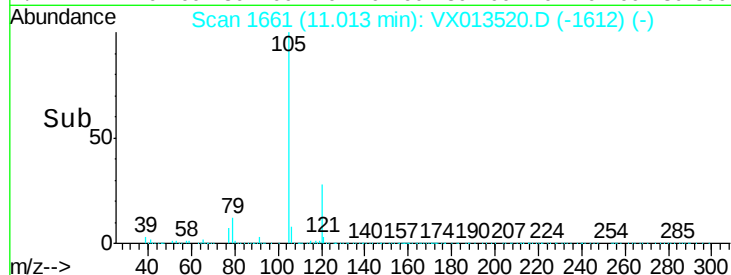
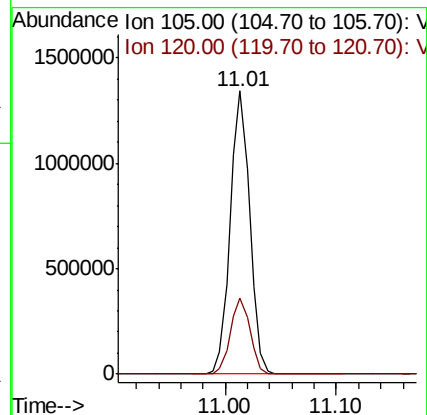
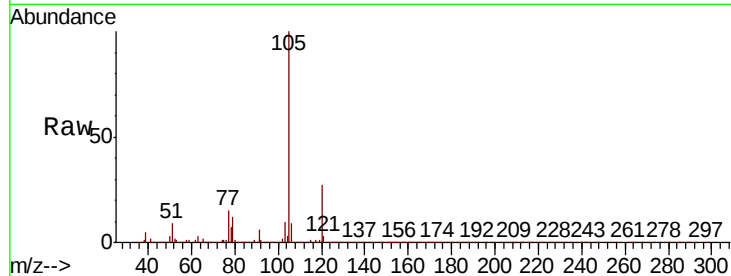
105 100

120 27.0 13.5 40.5

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#74

N-ethyl acetate

Concen: 54.135 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Tgt Ion: 43 Resp: 762217

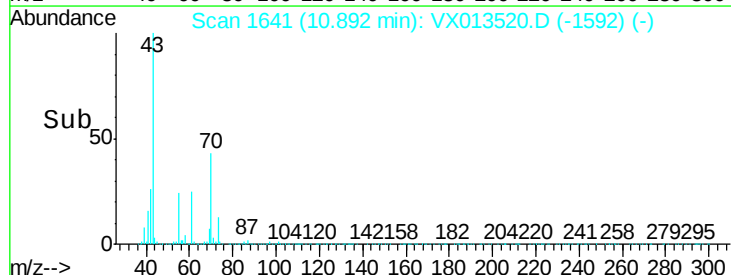
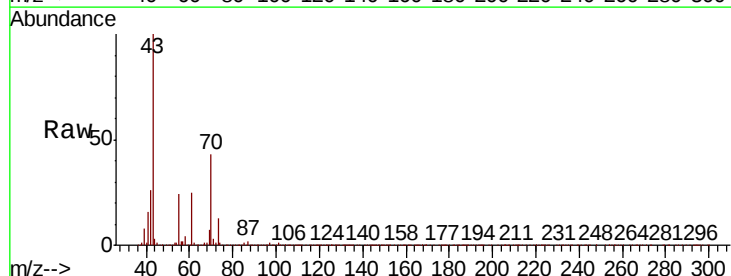
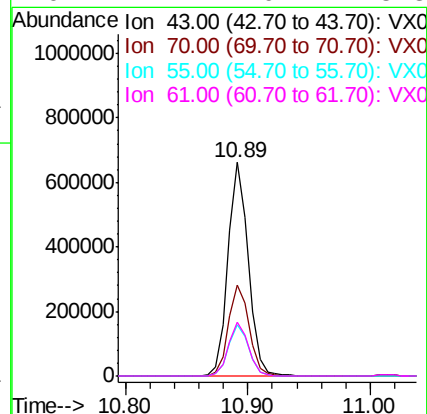
Ion Ratio Lower Upper

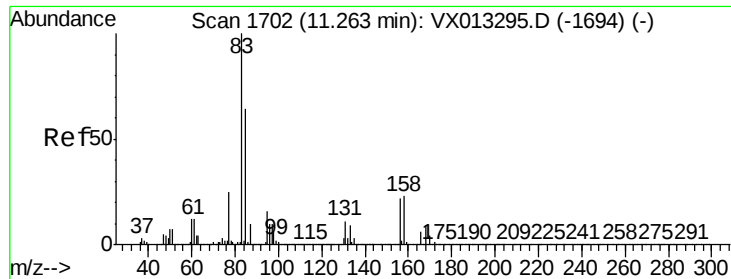
43 100

70 43.2 34.1 51.1

55 24.3 18.9 28.3

61 24.7 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.069 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

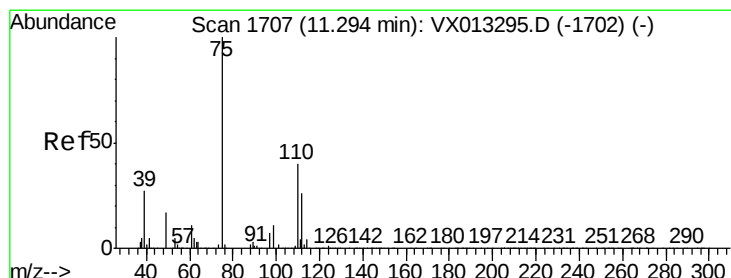
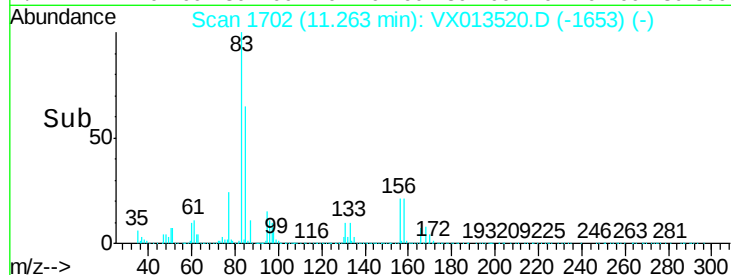
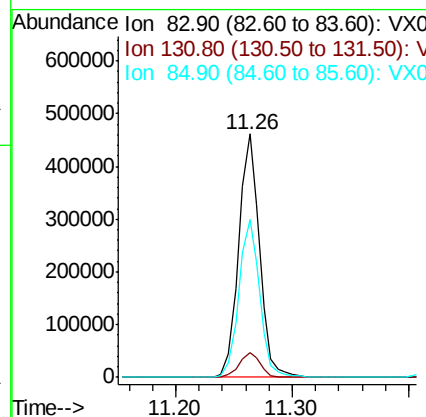
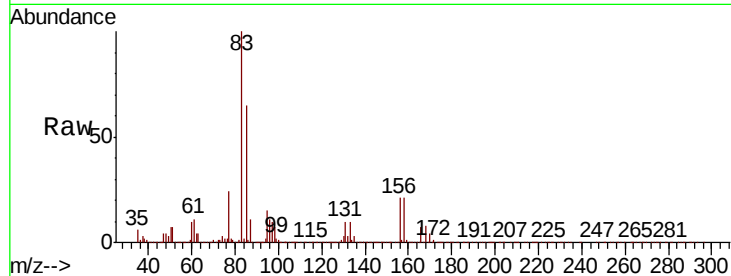
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	576749
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.3
85	64.6	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 49.704 ug/l m

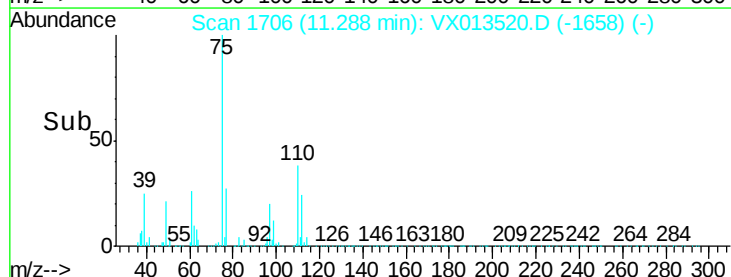
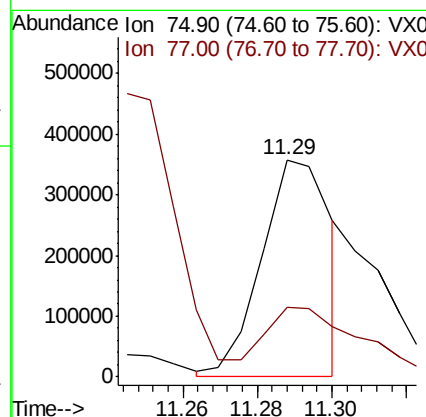
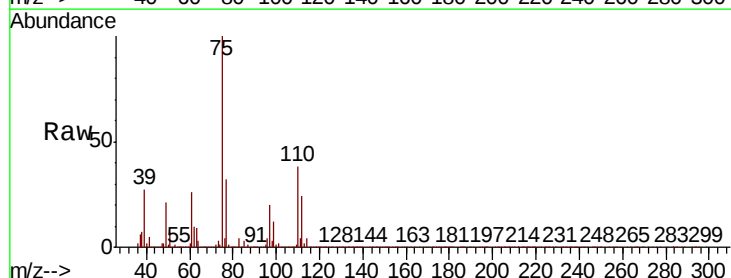
RT: 11.29 min Scan# 1706

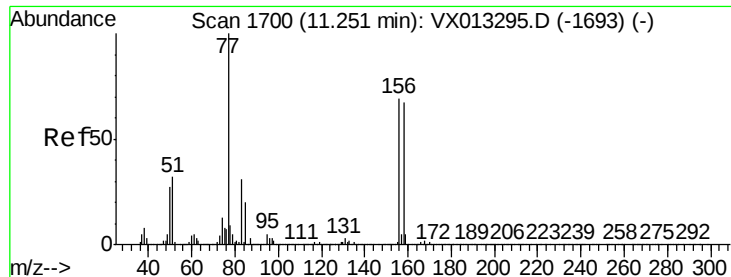
Delta R.T. -0.01 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Tgt Ion:	75	Resp:	462319
Ion Ratio	Lower	Upper	
75	100		
77	43.5	22.3	66.8





#77

Bromobenzene

Concen: 52.442 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

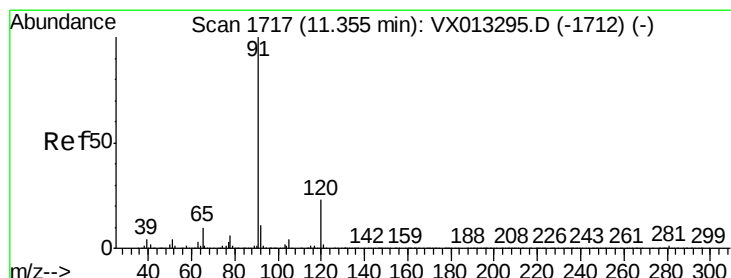
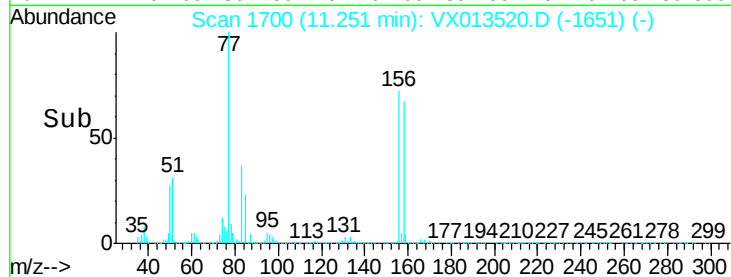
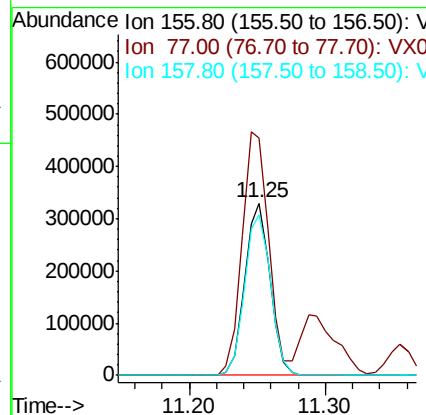
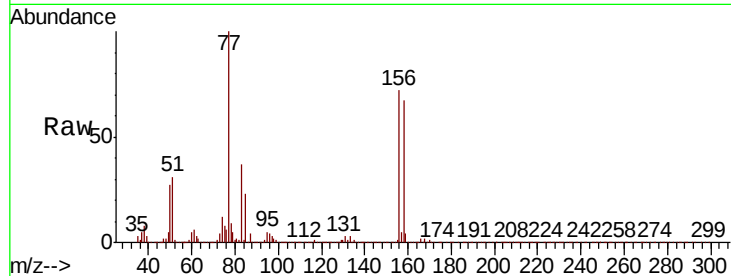
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.4	75.8	227.4
158	96.8	47.6	142.8

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#78

n-propylbenzene

Concen: 55.006 ug/l

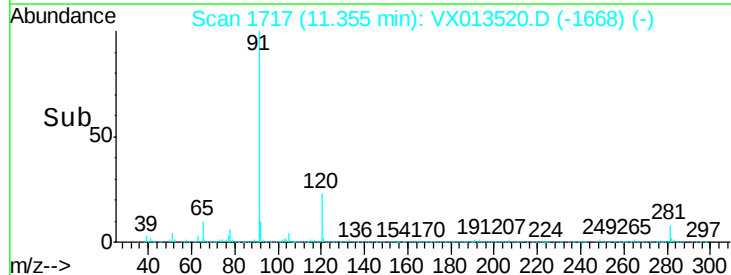
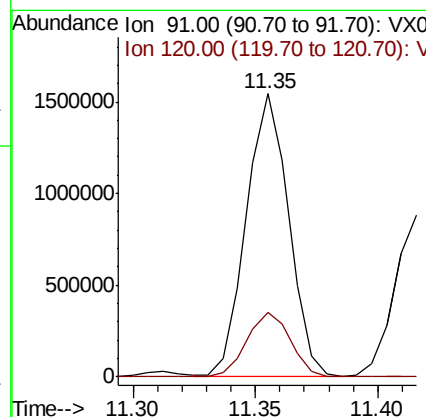
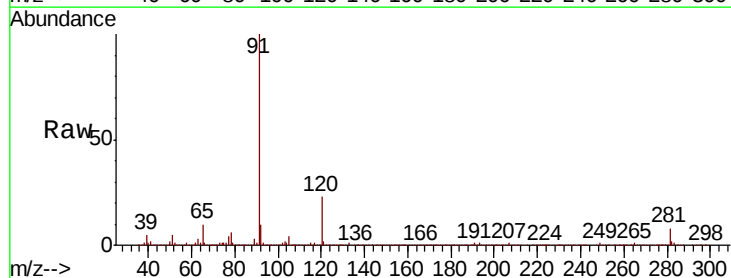
RT: 11.35 min Scan# 1717

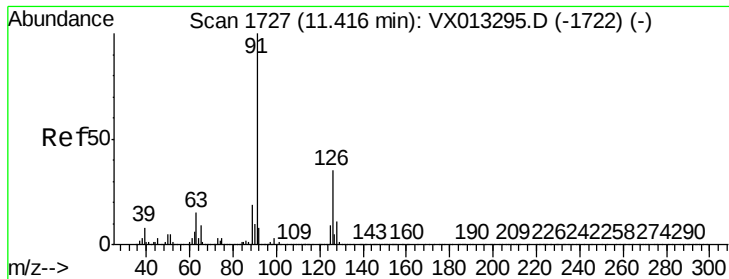
Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.6	34.8





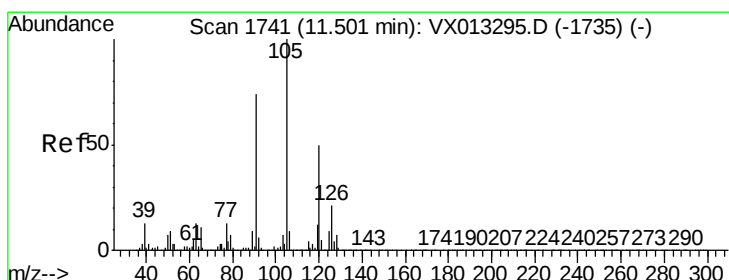
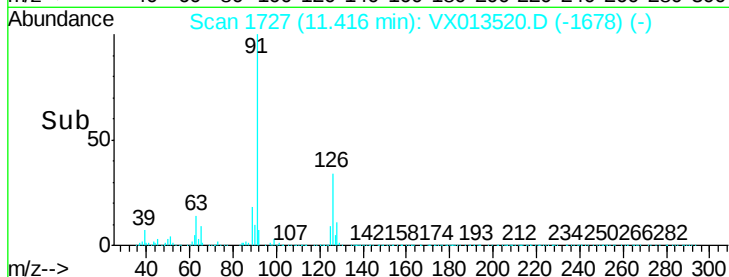
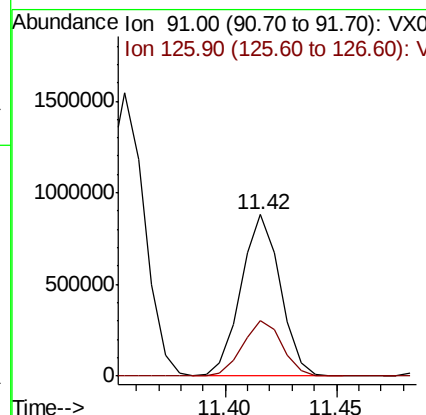
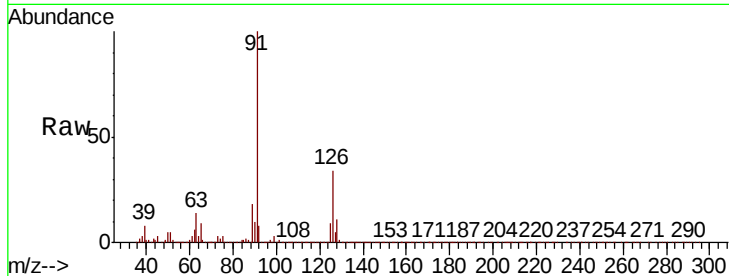
#79
 2-Chlorotoluene
 Concen: 53.067 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013520.D
 Acq: 22 Nov 2019 09:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 1081385
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0

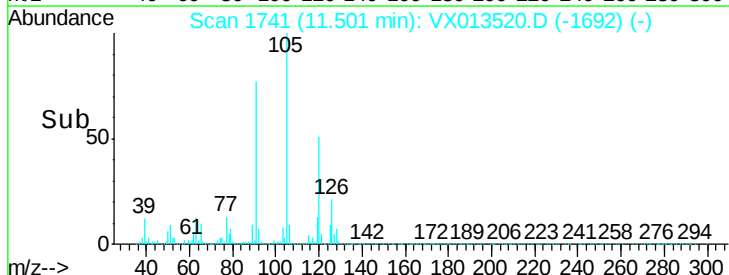
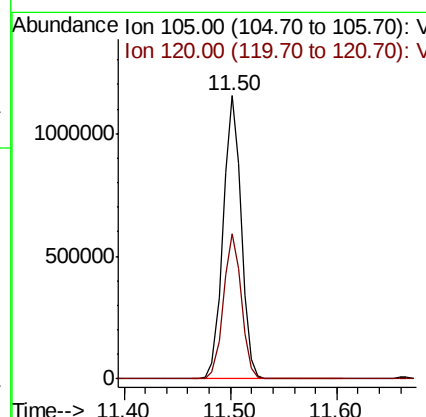
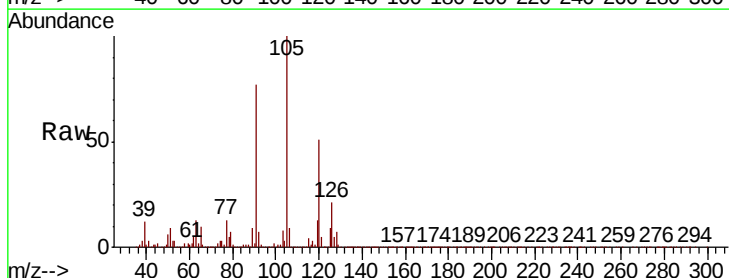
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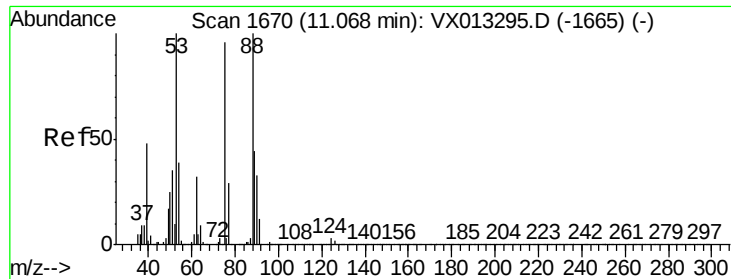
MMDadoda
 11/25/2019 10:40:35 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 53.756 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013520.D
 Acq: 22 Nov 2019 09:27

Tgt Ion: 105 Resp: 1359512
 Ion Ratio Lower Upper
 105 100
 120 50.9 24.9 74.8





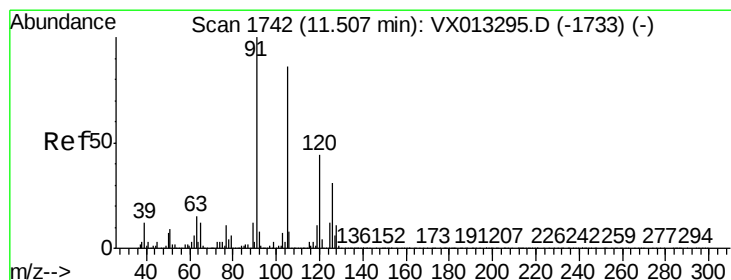
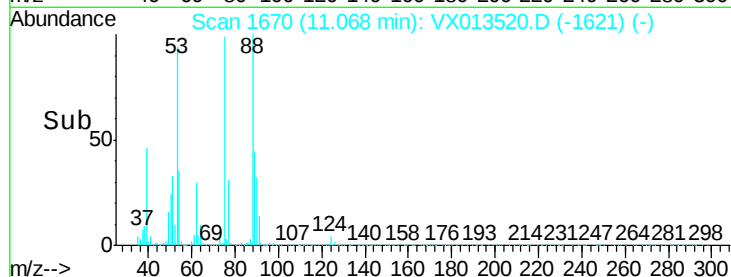
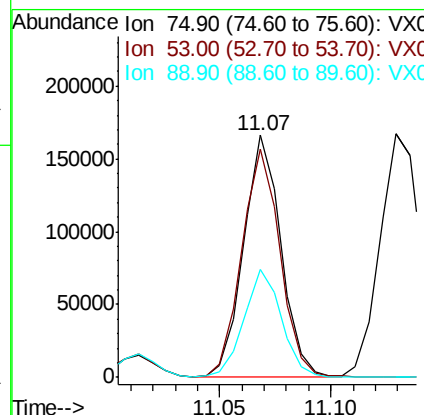
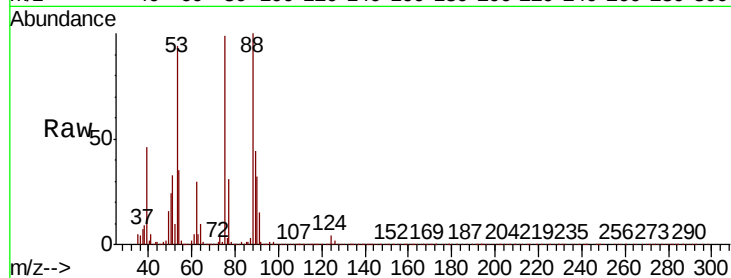
#81
trans-1,4-Dichloro-2-butene
Concen: 53.746 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.6	81.0	121.6
89	45.3	36.0	54.0

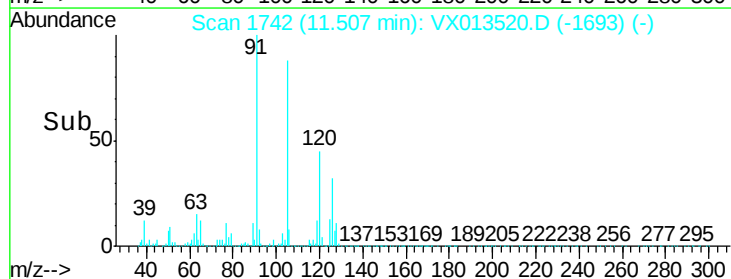
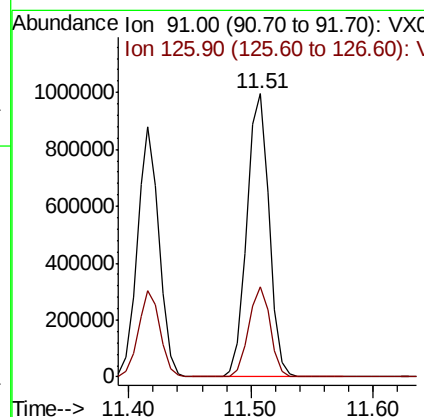
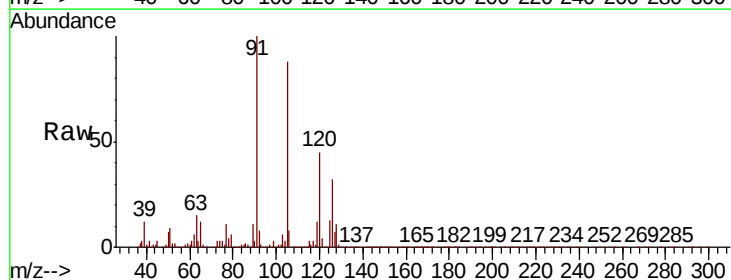
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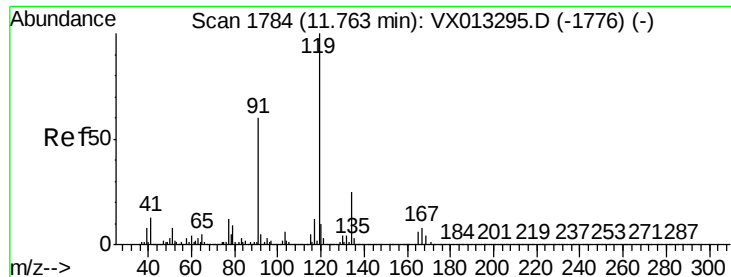
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.265 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.3	45.8





#83

tert-Butylbenzene

Concen: 55.225 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

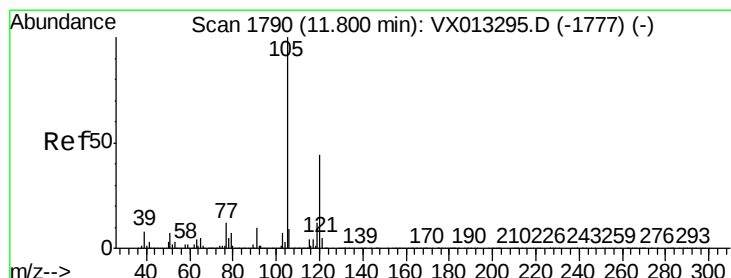
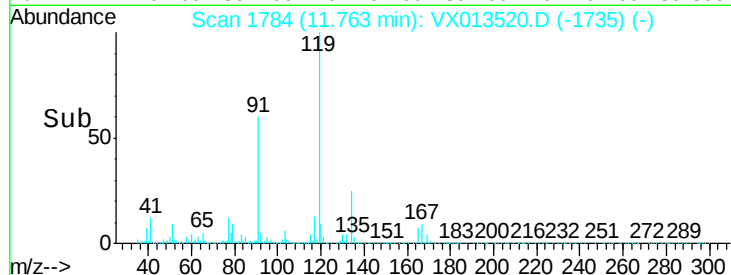
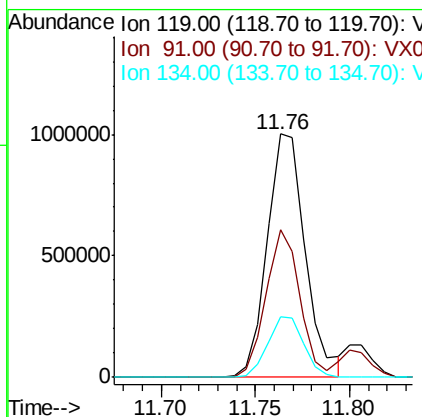
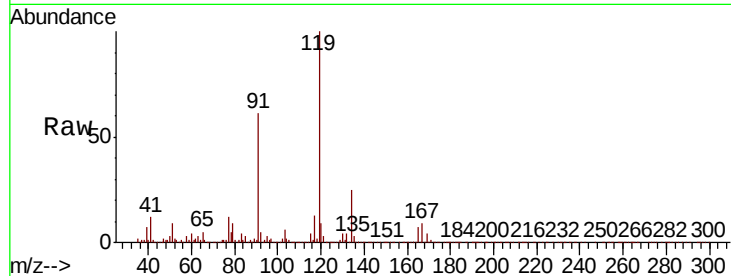
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	1405930
Ion	Ratio	Lower	Upper
119	100		
91	54.0	26.9	80.7
134	23.6	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 54.342 ug/l

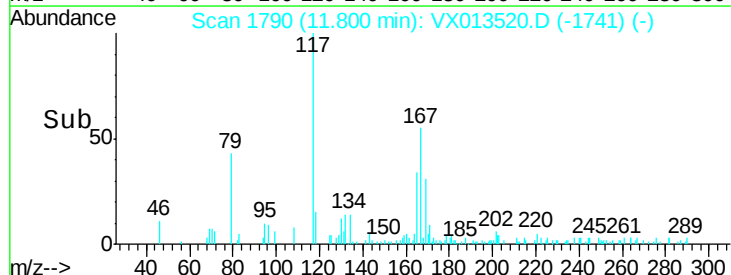
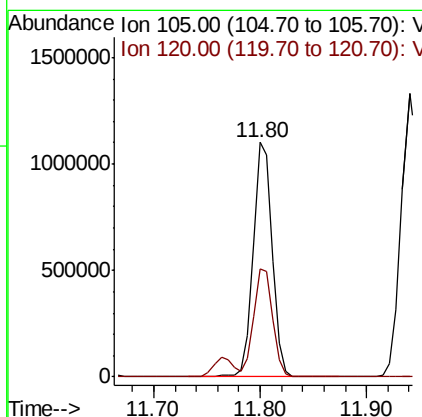
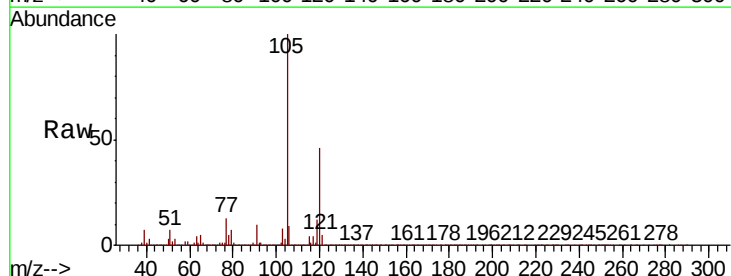
RT: 11.80 min Scan# 1790

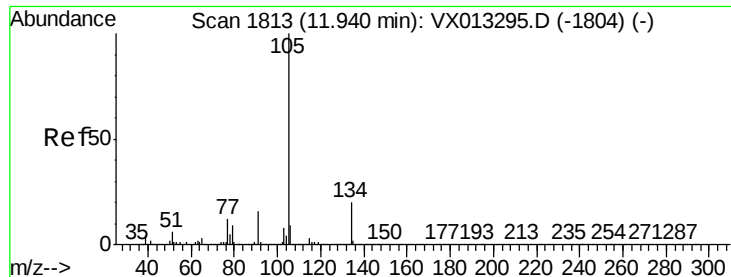
Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Tgt Ion:	105	Resp:	1378645
Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.7	68.1





#85

sec-Butylbenzene

Concen: 55.155 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050

Tot Ion:105 Resp: 1613802

Ion Ratio Lower Upper

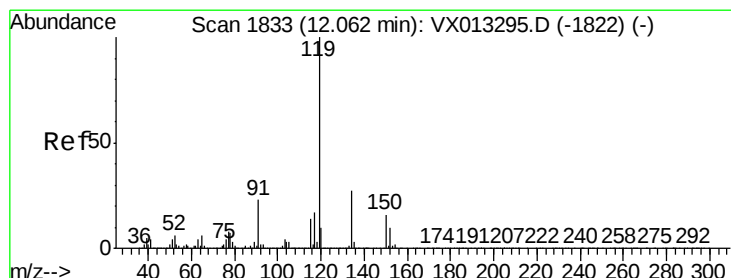
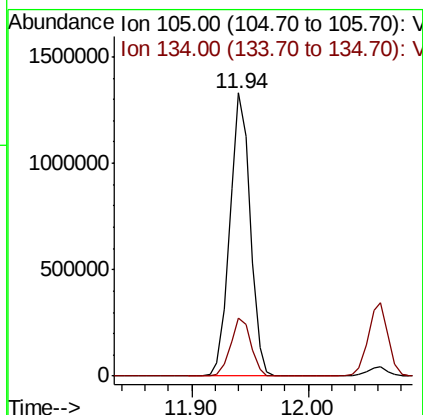
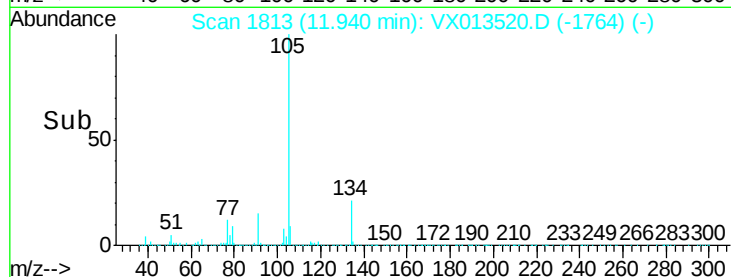
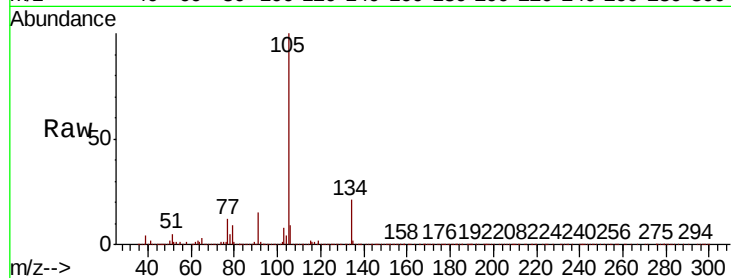
105 100

134 20.6 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 55.221 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

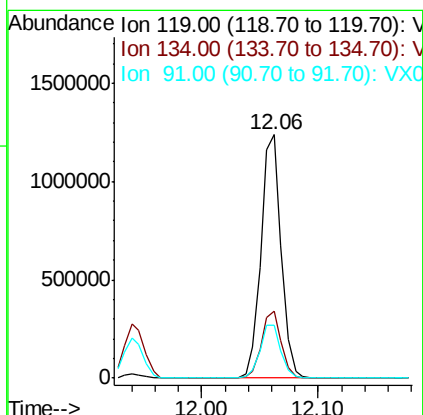
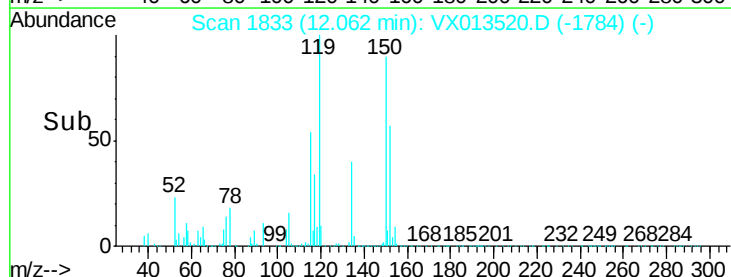
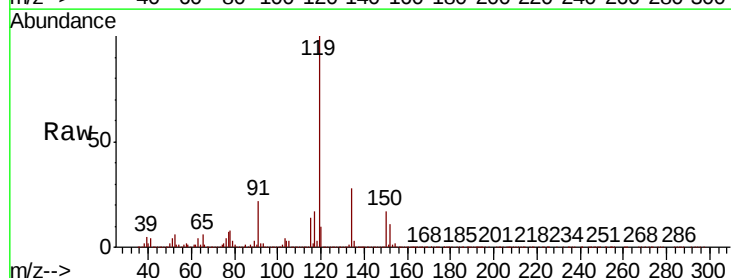
Tgt Ion:119 Resp: 1487797

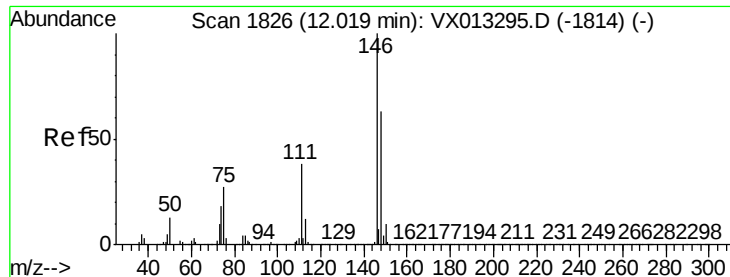
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.5 11.5 34.4





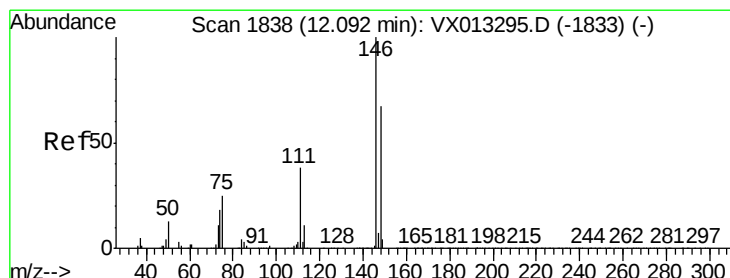
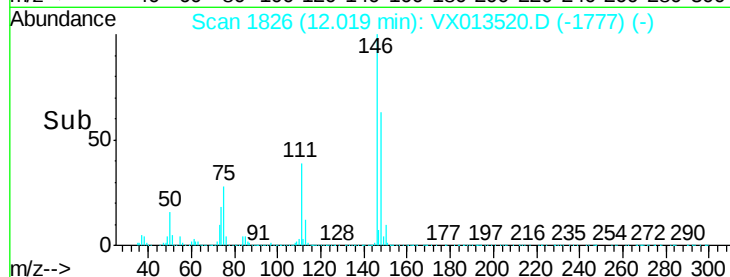
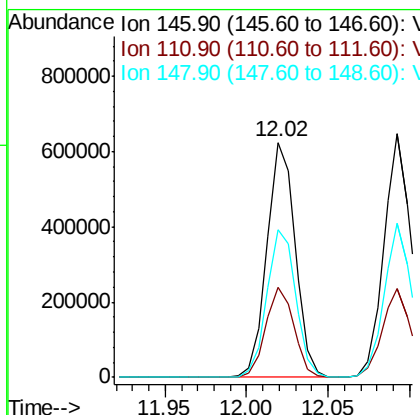
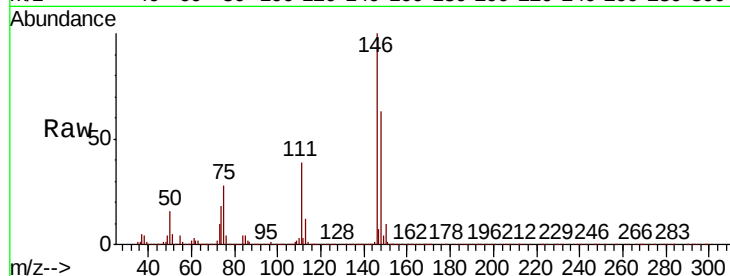
#87
 1,3-Dichlorobenzene
 Concen: 52.232 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013520.D
 Acq: 22 Nov 2019 09:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.5
148	63.6	31.9	95.7

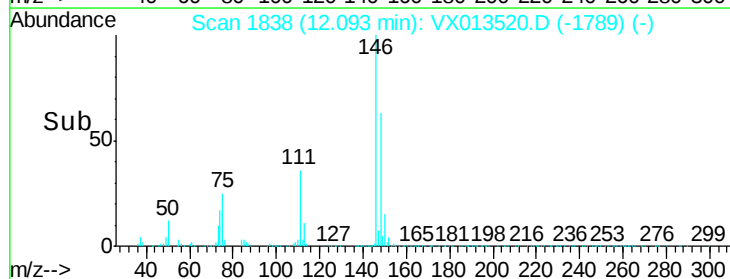
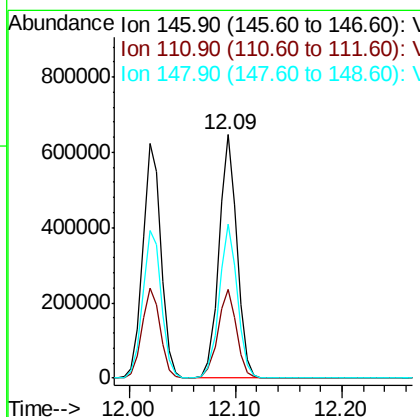
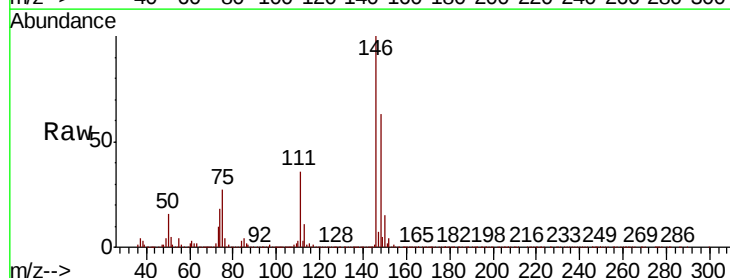
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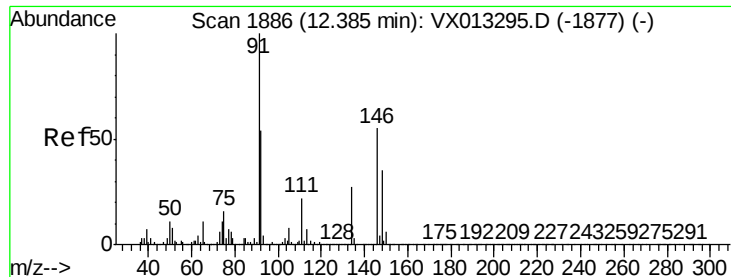
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#88
 1,4-Dichlorobenzene
 Concen: 51.597 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013520.D
 Acq: 22 Nov 2019 09:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.4
148	63.7	32.4	97.0





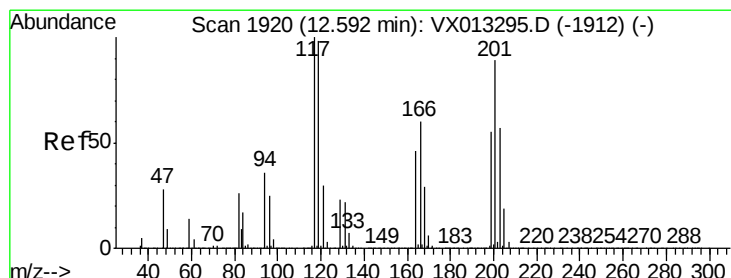
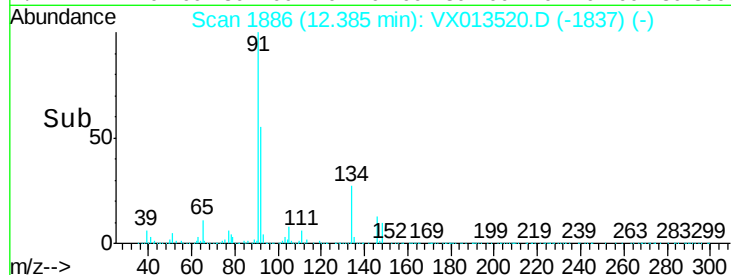
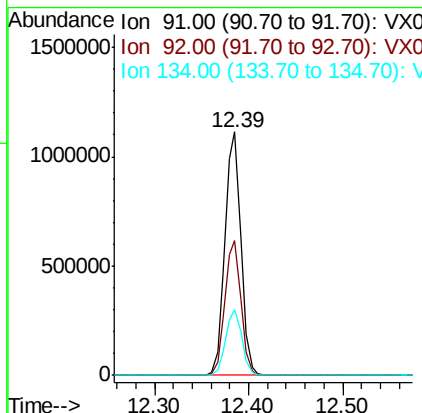
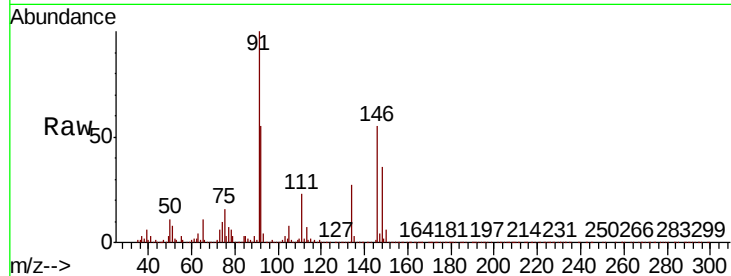
#89
n-Butylbenzene
Concen: 55.422 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.3	81.8
134	27.2	13.5	40.5

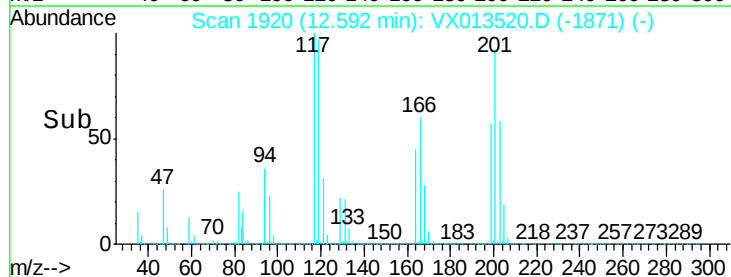
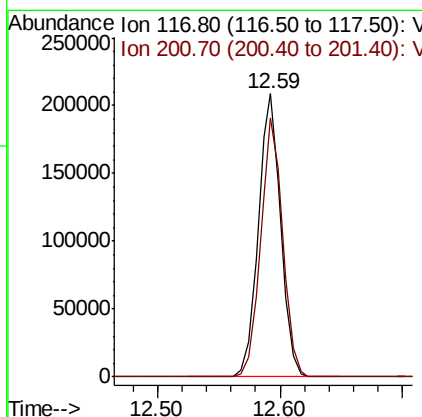
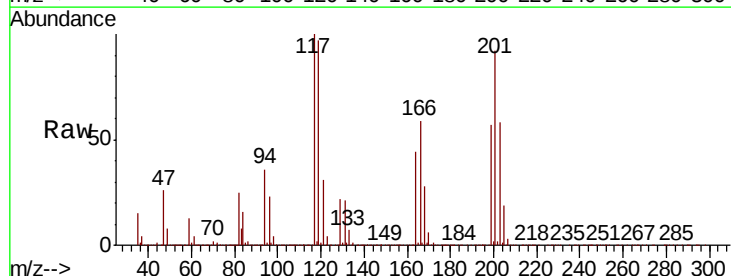
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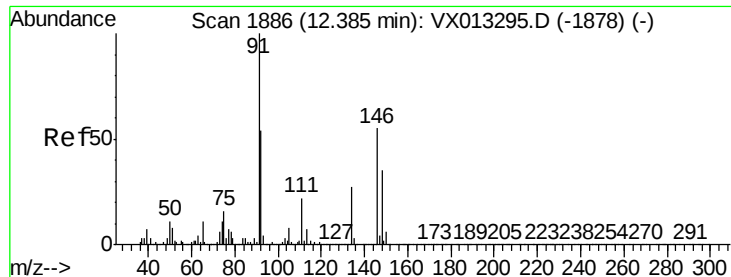
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#90
Hexachloroethane
Concen: 55.212 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.3	43.9	131.7





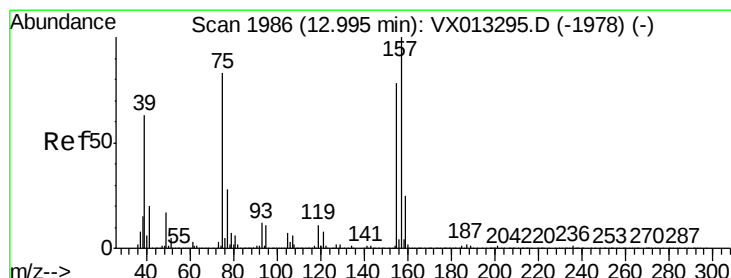
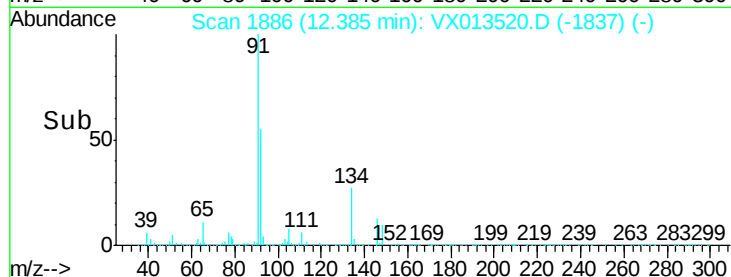
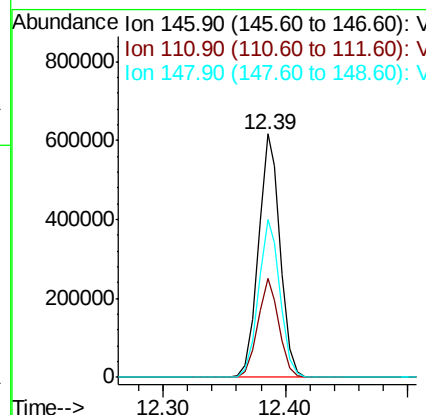
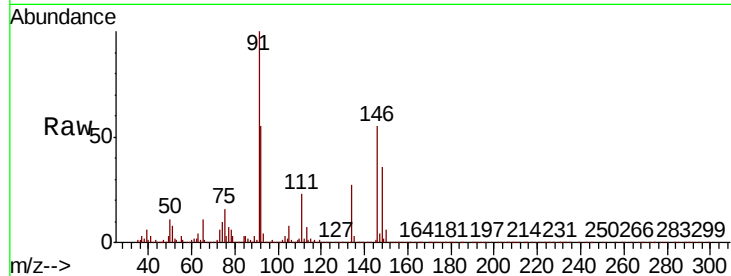
#91
1,2-Dichlorobenzene
Concen: 53.043 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.1	60.2
148	64.4	32.0	96.0

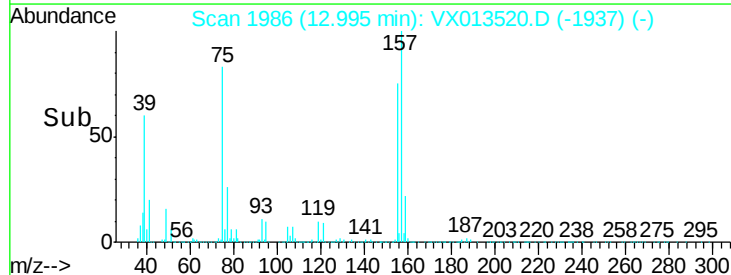
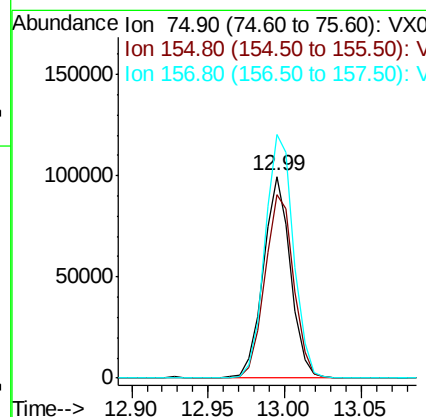
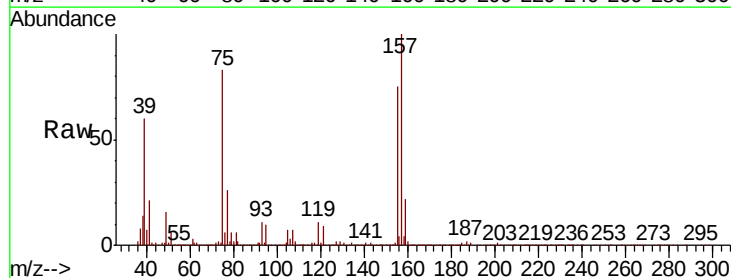
Manual Integrations
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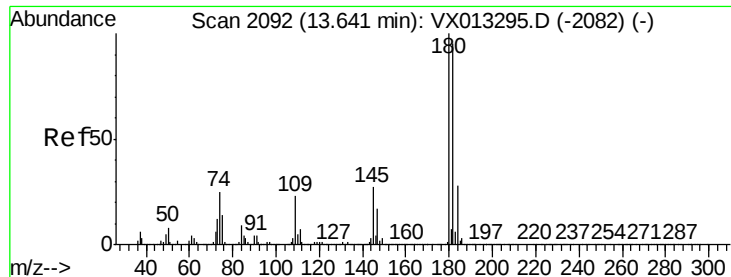
MMDadoda
11/25/2019 10:40:35 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.983 ug/l
RT: 12.99 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013520.D
Acq: 22 Nov 2019 09:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	47.1	141.4
157	126.4	61.3	183.8





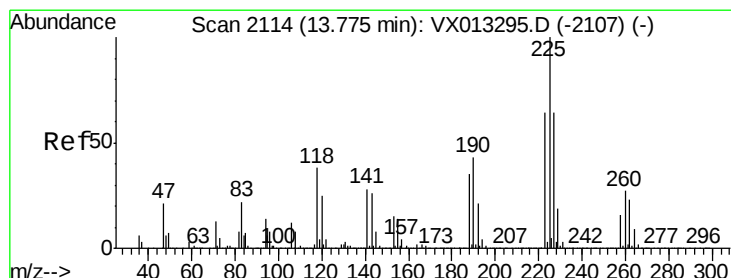
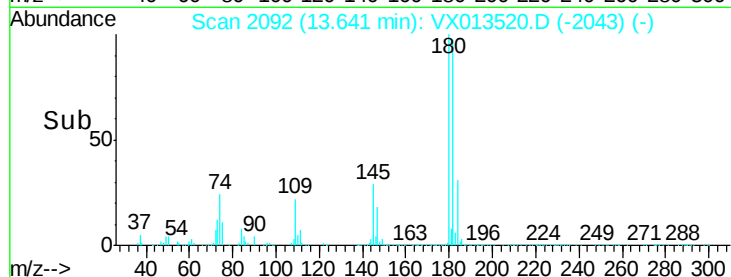
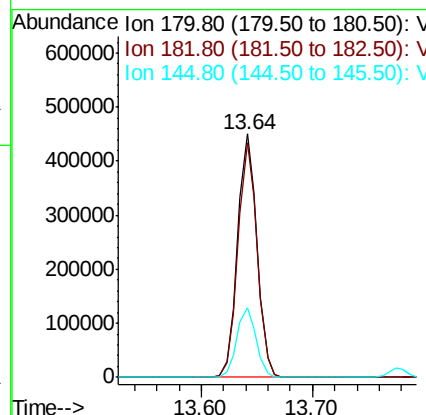
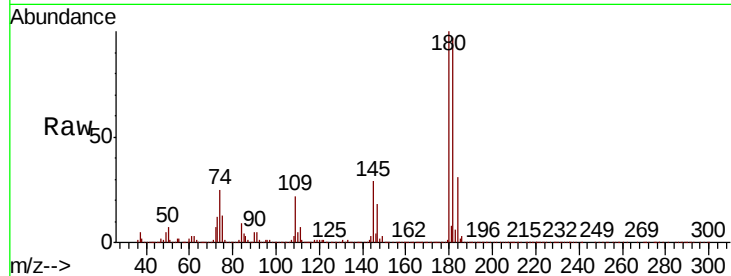
#93
 1,2,4-Trichlorobenzene
 Concen: 53.718 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013520.D
 Acq: 22 Nov 2019 09:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	540418		
182	95.8	48.4	145.0	
145	28.5	14.1	42.4	

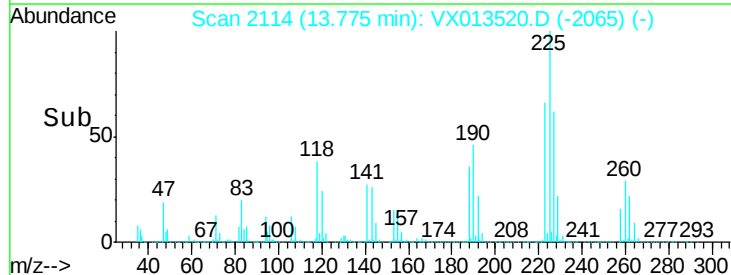
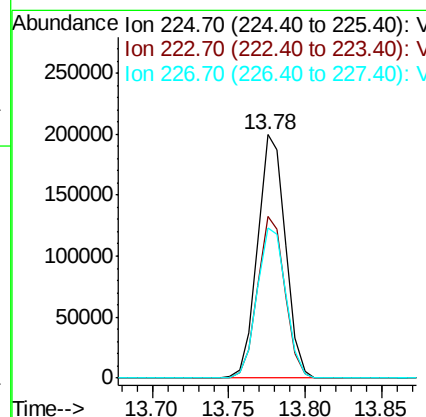
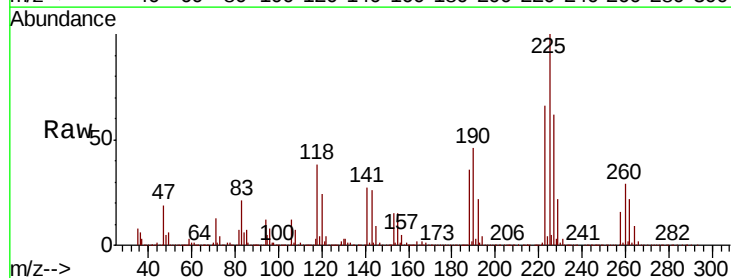
Manual Integrations
 APPROVED

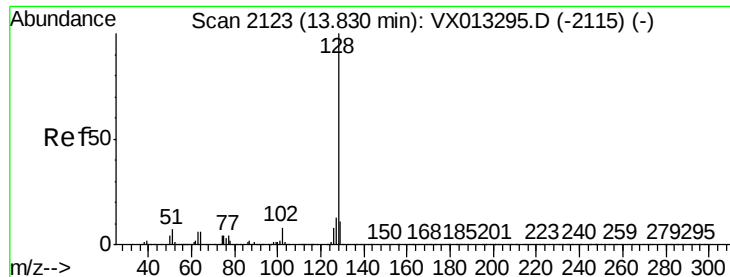
MMDadoda
 11/25/2019 10:40:35 AM



#94
 Hexachlorobutadiene
 Concen: 51.413 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013520.D
 Acq: 22 Nov 2019 09:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	253046		
223	65.3	31.9	95.7	
227	63.8	31.9	95.9	





#95

Naphthalene

Concen: 53.601 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Instrument :

MSVOA_X

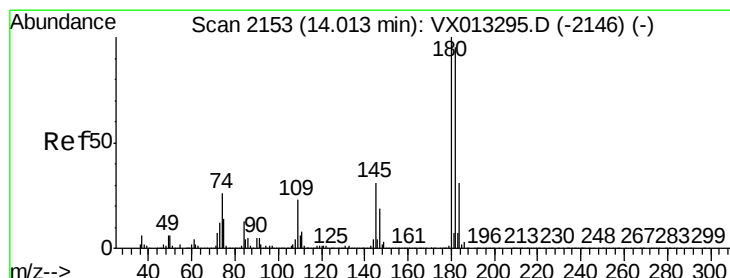
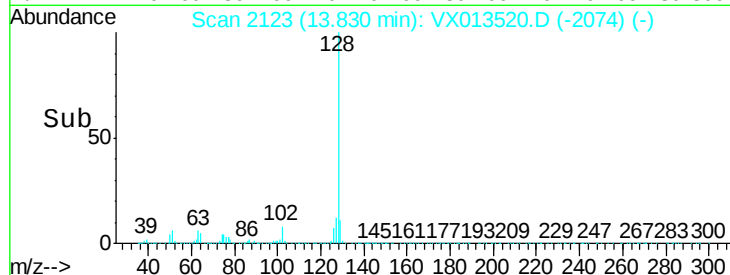
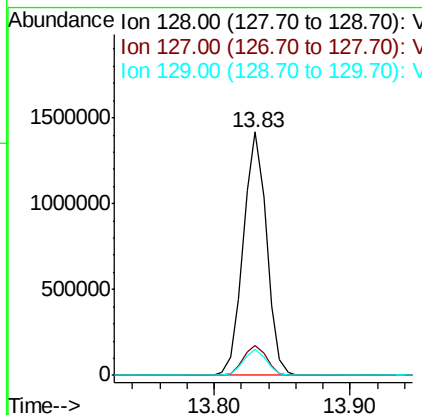
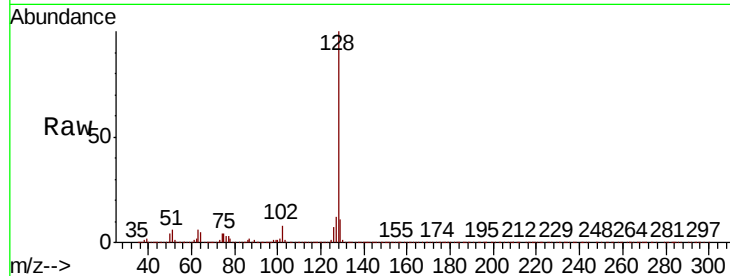
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1691871
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.7	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/25/2019 10:40:35 AM



#96

1,2,3-Trichlorobenzene

Concen: 53.894 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX013520.D

Acq: 22 Nov 2019 09:27

Tgt Ion:	180	Resp:	543749
Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.0	144.2
145	29.7	15.4	46.4

