

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013549.D
 Acq On : 22 Nov 2019 21:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/25/2019 10:39:41 AM

Quant Time: Nov 23 00:55:52 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	621810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	961680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	864334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	438986	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	356889	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
35) Dibromofluoromethane	5.49	113	294530	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	8.71	98	1124246	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	416878	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	296709	41.414	ug/l	99
3) Chloromethane	1.31	50	332651	42.815	ug/l	99
4) Vinyl Chloride	1.40	62	395613	44.726	ug/l	98
5) Bromomethane	1.63	94	278503	45.182	ug/l	100
6) Chloroethane	1.70	64	225228	44.411	ug/l	100
7) Trichlorofluoromethane	1.92	101	450197	43.080	ug/l	98
8) Diethyl Ether	2.18	74	215231	46.575	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	284461	48.839	ug/l	99
10) Methyl Iodide	2.50	142	343107	47.579	ug/l	98
11) Tert butyl alcohol	3.04	59	432750	222.881	ug/l	99
12) 1,1-Dichloroethene	2.36	96	271462	47.593	ug/l	97
13) Acrolein	2.28	56	315781	300.085	ug/l	98
14) Allyl chloride	2.72	41	504686	48.698	ug/l	94
15) Acrylonitrile	3.13	53	974021	268.557	ug/l	98
16) Acetone	2.43	43	856715	233.160	ug/l	99
17) Carbon Disulfide	2.56	76	618817	40.535	ug/l	99
18) Methyl Acetate	2.76	43	623599	61.474	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1001065	52.622	ug/l	99
20) Methylene Chloride	2.84	84	328859	48.441	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	295846	47.638	ug/l	98
22) Diisopropyl ether	3.84	45	1047889	52.374	ug/l	91
23) Vinyl Acetate	3.80	43	2153770	125.799	ug/l	99
24) 1,1-Dichloroethane	3.69	63	561533	50.170	ug/l	100
25) 2-Butanone	4.66	43	1389822	257.835	ug/l	100
26) 2,2-Dichloropropane	4.57	77	388741	43.659	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	357726	51.420	ug/l	97
28) Bromochloromethane	5.01	49	168413	52.994	ug/l	98
29) Tetrahydrofuran	5.11	42	870114	261.944	ug/l	100
30) Chloroform	5.20	83	565912	51.204	ug/l	96
31) Cyclohexane	5.57	56	476448	47.307	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	469412	49.353	ug/l	99
36) 1,1-Dichloropropene	5.79	75	404464	49.026	ug/l	99
37) Ethyl Acetate	4.82	43	509006	49.931	ug/l	100
38) Carbon Tetrachloride	5.77	117	394276	48.872	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	480025	46.696	ug/l	99
40) Benzene	6.13	78	1266438	49.280	ug/l	98
41) Methacrylonitrile	5.03	41	292119	51.124	ug/l	99
42) 1,2-Dichloroethane	6.19	62	452427	48.807	ug/l	100
43) Isopropyl Acetate	6.44	43	830204	52.299	ug/l	99
44) Trichloroethene	7.20	130	373901	52.856	ug/l	96
45) 1,2-Dichloropropane	7.51	63	337893	51.604	ug/l	100
46) Dibromomethane	7.65	93	220253	49.266	ug/l	98
47) Bromodichloromethane	7.89	83	439922	52.183	ug/l	94
48) Methyl methacrylate	7.76	41	411024	51.870	ug/l	97
49) 1,4-Dioxane	7.73	88	162215	893.893	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2718156	260.987	ug/l	99
52) Toluene	8.78	92	811088	50.923	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	474323	51.453	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	524433	50.856	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	344220	52.139	ug/l	99
56) Ethyl methacrylate	9.17	69	555652	49.322	ug/l	97
57) 1,3-Dichloropropane	9.37	76	573552	51.178	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1077190	238.630	ug/l	99
59) 2-Hexanone	9.49	43	2140842	265.996	ug/l	98
60) Dibromochloromethane	9.58	129	361462	53.534	ug/l	99
61) 1,2-Dibromoethane	9.67	107	357270	50.963	ug/l	100
64) Tetrachloroethene	9.33	164	525159	84.874	ug/l	99
65) Chlorobenzene	10.14	112	885238	50.588	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	331210	51.549	ug/l	100
67) Ethyl Benzene	10.25	91	1542258	51.066	ug/l	100
68) m/p-Xylenes	10.36	106	1174412	102.822	ug/l	99
69) o-Xylene	10.70	106	576677	51.570	ug/l	100
70) Styrene	10.71	104	1006108	53.824	ug/l	99
71) Bromoform	10.86	173	280364	47.250	ug/l #	100
73) Isopropylbenzene	11.01	105	1541547	52.964	ug/l	100
74) N-amyl acetate	10.89	43	742227	54.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	494965	46.615	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	441784m	49.547	ug/l	
77) Bromobenzene	11.25	156	405190	52.221	ug/l	99
78) n-propylbenzene	11.35	91	1734667	53.503	ug/l	99
79) 2-Chlorotoluene	11.42	91	1028167	52.635	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1287481	53.107	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	173344	50.041	ug/l	97
82) 4-Chlorotoluene	11.51	91	1190855	52.079	ug/l	100
83) tert-Butylbenzene	11.76	119	1112420	45.583	ug/l	87
84) 1,2,4-Trimethylbenzene	11.81	105	1288904	52.999	ug/l	98
85) sec-Butylbenzene	11.94	105	1523238	54.309	ug/l	100
86) p-Isopropyltoluene	12.06	119	1390893	53.854	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	713109	51.560	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	719805	51.081	ug/l	99
89) n-Butylbenzene	12.39	91	1207325	53.573	ug/l	100
90) Hexachloroethane	12.59	117	244390	53.109	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	728691	52.707	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	125299	48.436	ug/l	96

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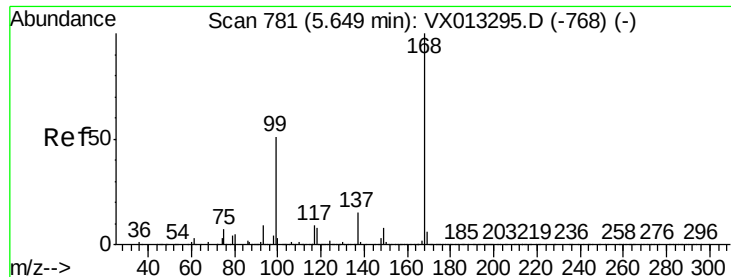
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	517423	53.654	ug/l	98
94) Hexachlorobutadiene	13.78	225	248042	52.573	ug/l	99
95) Naphthalene	13.83	128	1640574	54.221	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	526320	54.420	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 621810

Ion Ratio Lower Upper

168 100

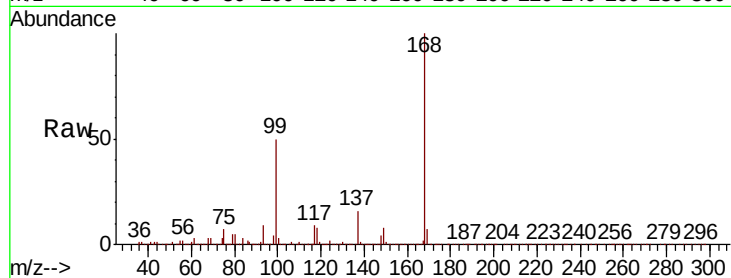
99 50.3 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

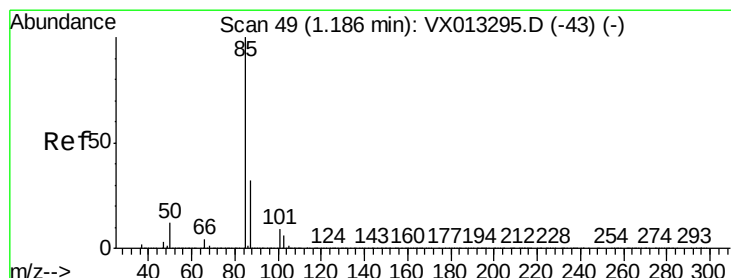
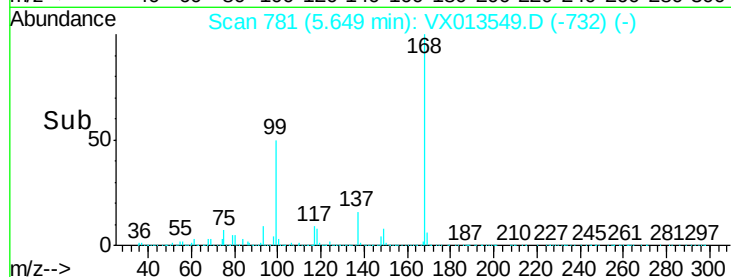
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 41.414 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013549.D

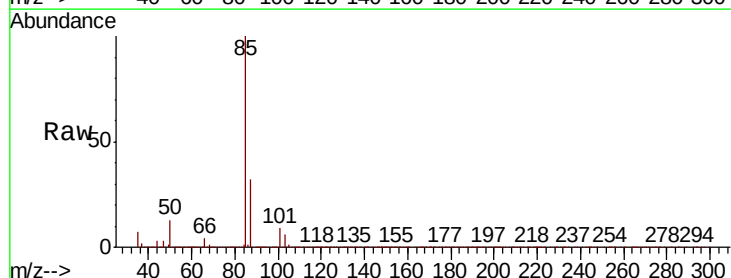
Acq: 22 Nov 2019 21:47

Tgt Ion: 85 Resp: 296709

Ion Ratio Lower Upper

85 100

87 31.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

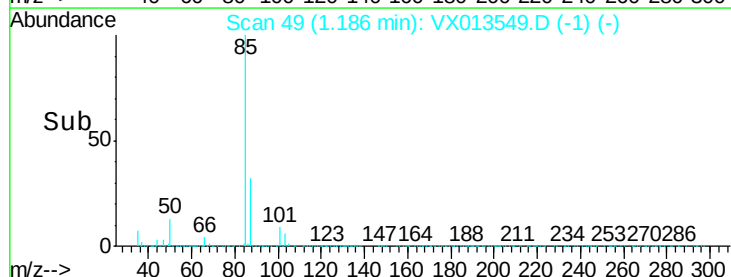
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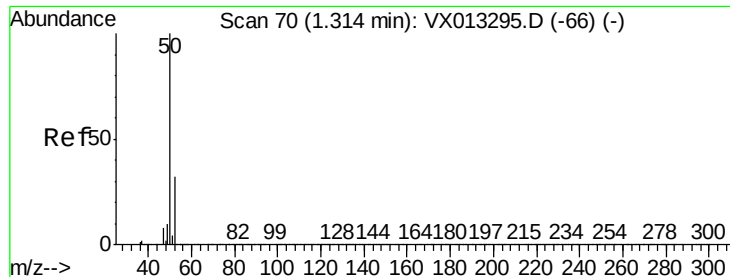
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0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 42.815 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 332651

Ion Ratio Lower Upper

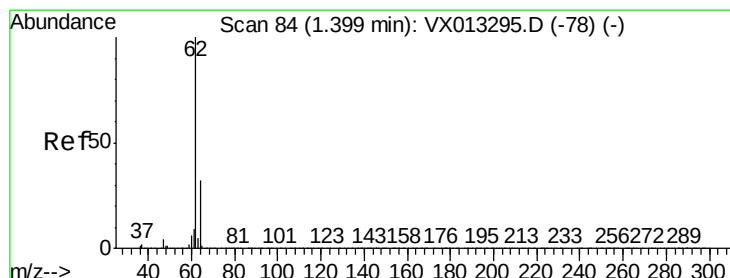
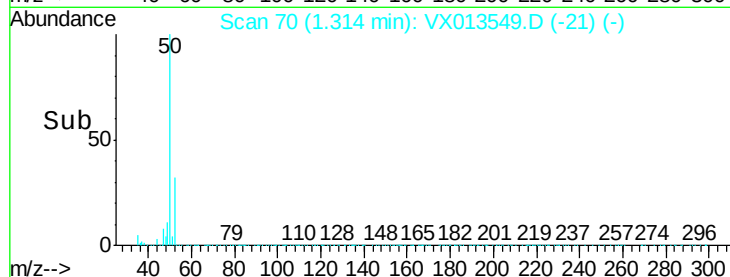
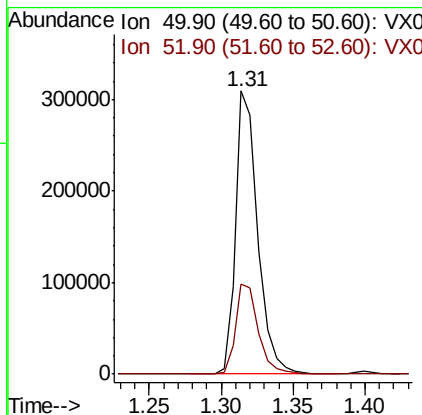
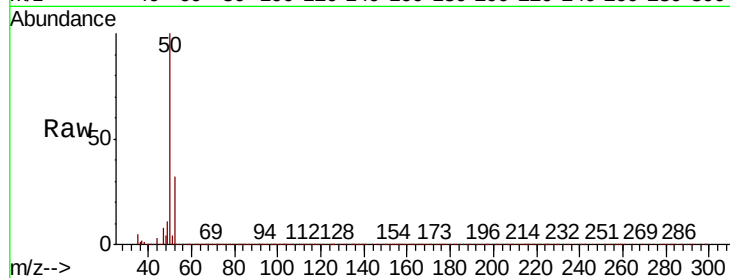
50 100

52 31.5 25.5 38.3

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#4

Vinyl Chloride

Concen: 44.726 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013549.D

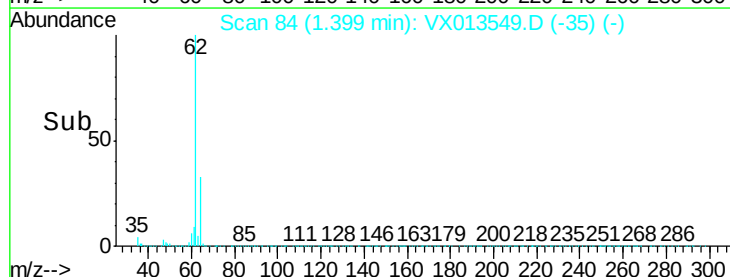
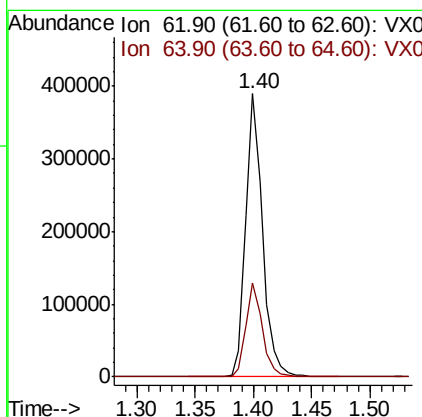
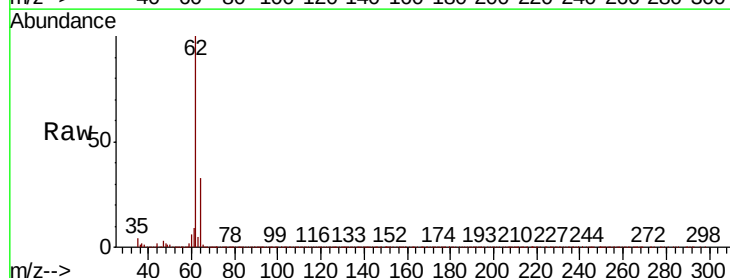
Acq: 22 Nov 2019 21:47

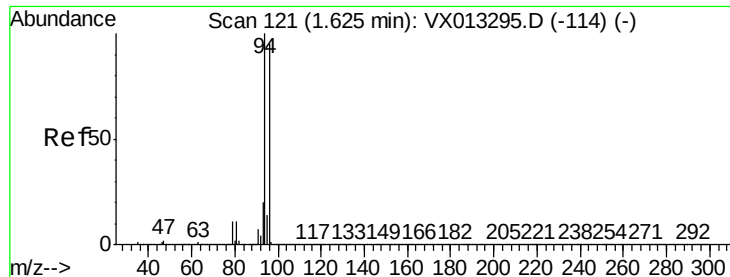
Tgt Ion: 62 Resp: 395613

Ion Ratio Lower Upper

62 100

64 32.9 25.6 38.4





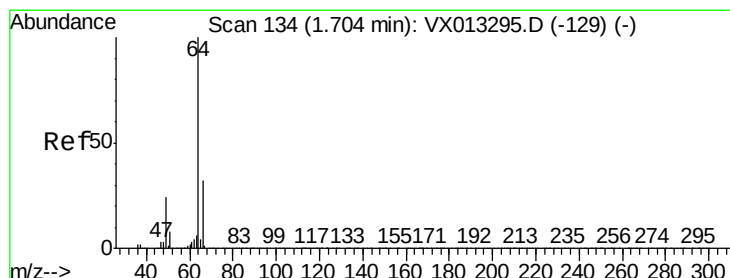
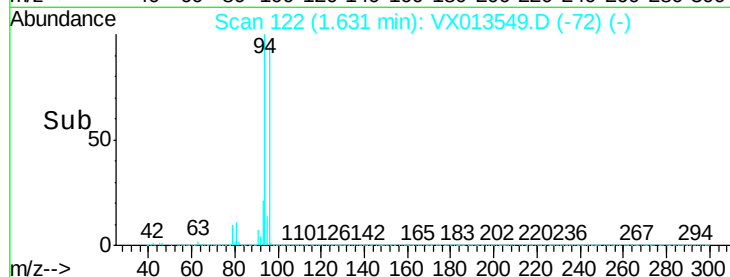
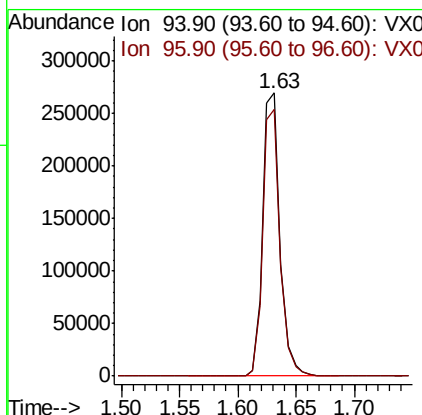
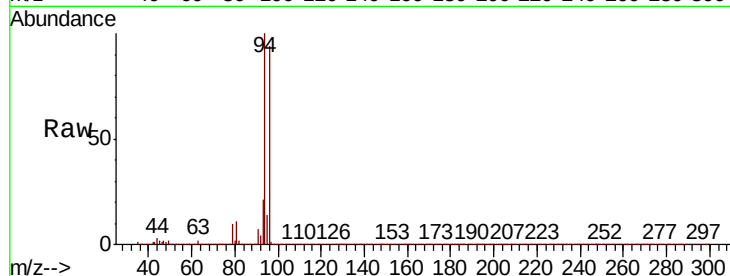
#5
Bromomethane
Concen: 45.182 ug/l
RT: 1.63 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
94	100		
96	94.3	75.8	113.8

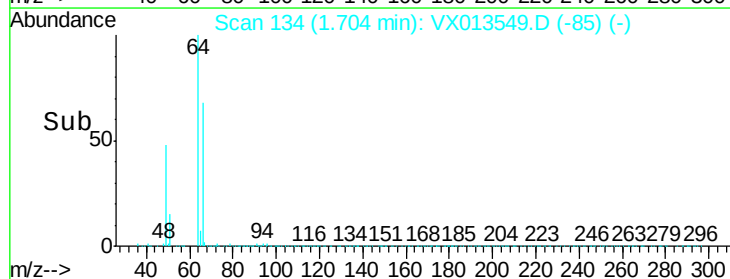
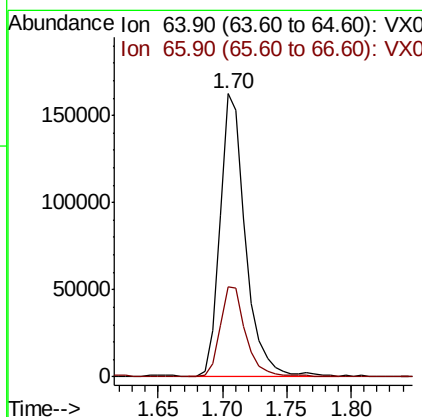
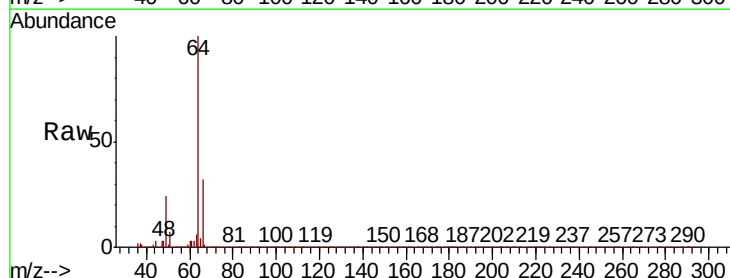
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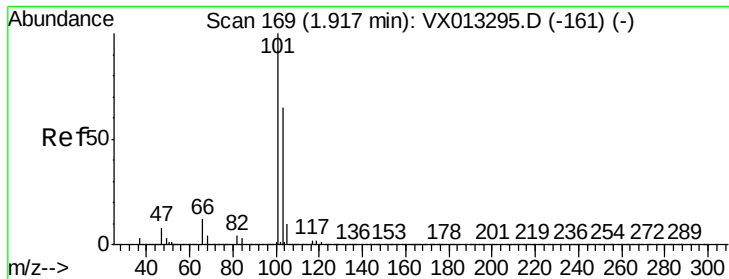
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#6
Chloroethane
Concen: 44.411 ug/l
RT: 1.70 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Lower	Upper
64	100		
66	31.8	25.6	38.4





#7

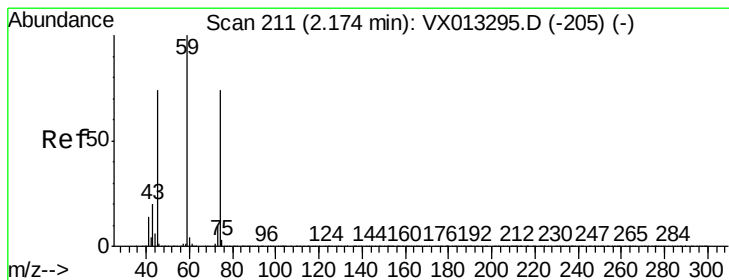
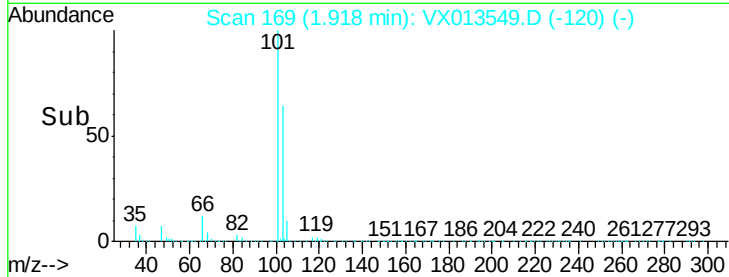
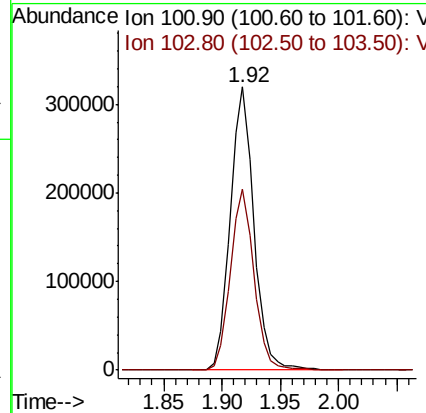
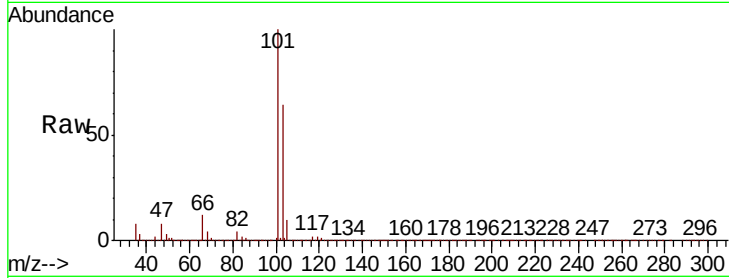
Trichlorofluoromethane
Concen: 43.080 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.3	78.5

Manual Integrations
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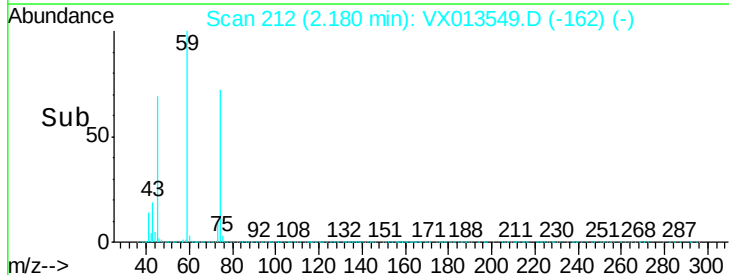
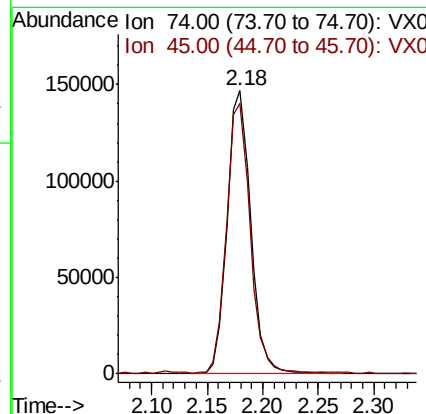
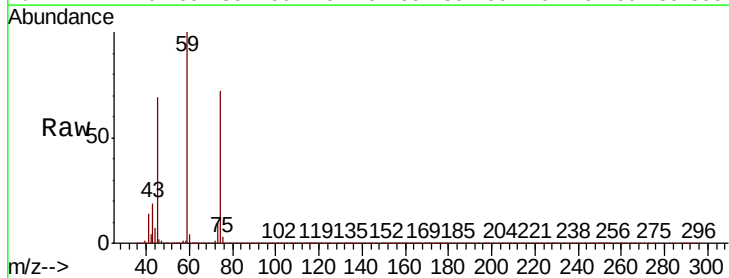
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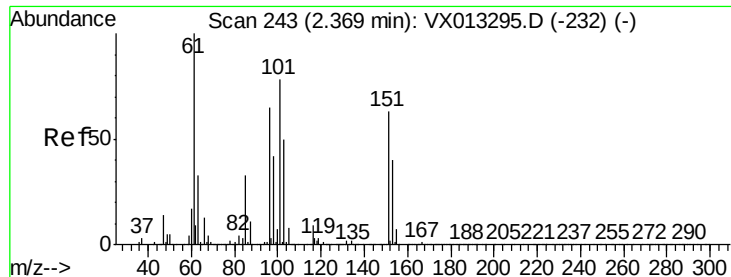


#8

Diethyl Ether
Concen: 46.575 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.839 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

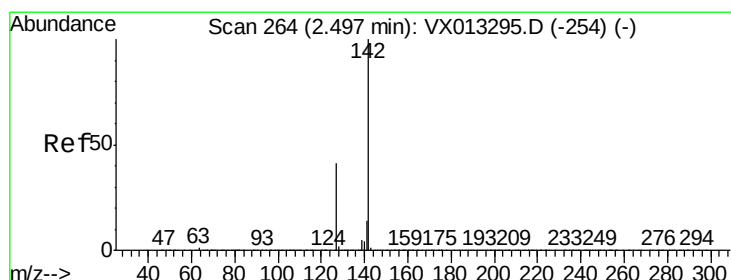
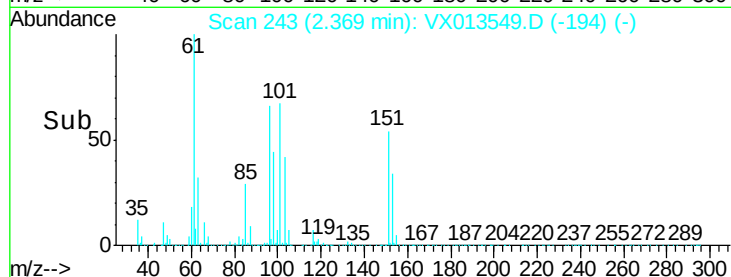
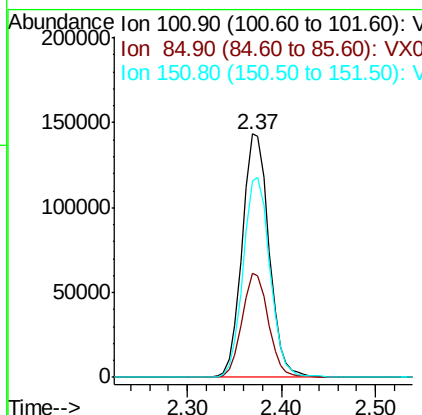
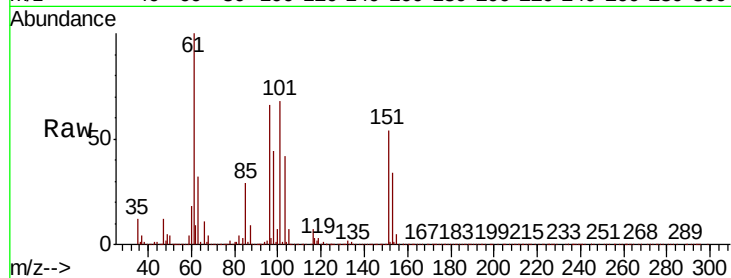
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	284461
Ion Ratio	Lower	Upper	
101	100		
85	41.8	34.4	51.6
151	82.3	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 47.579 ug/l

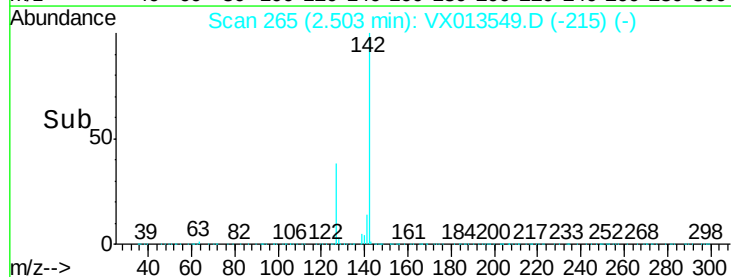
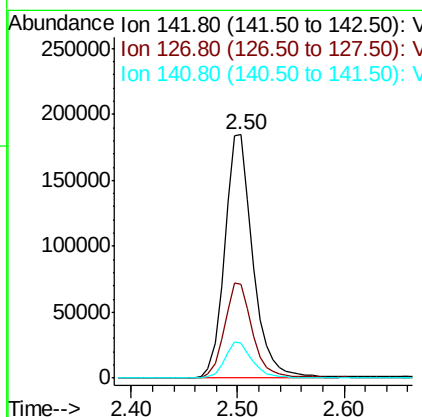
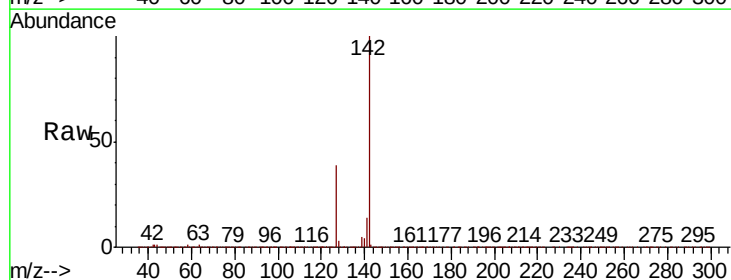
RT: 2.50 min Scan# 265

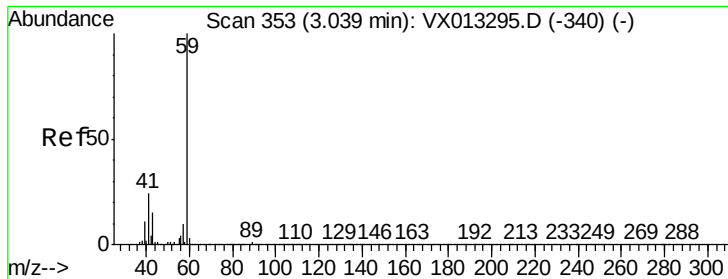
Delta R.T. 0.01 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Tgt Ion:	142	Resp:	343107
Ion Ratio	Lower	Upper	
142	100		
127	39.6	32.6	49.0
141	14.3	11.6	17.4





#11

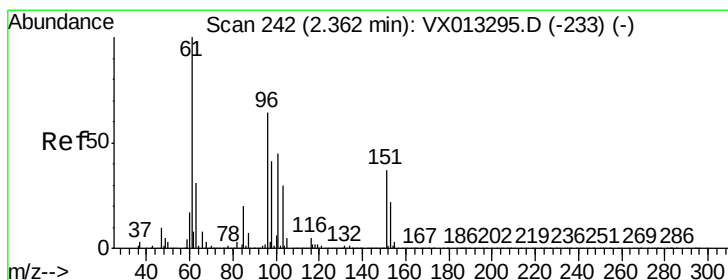
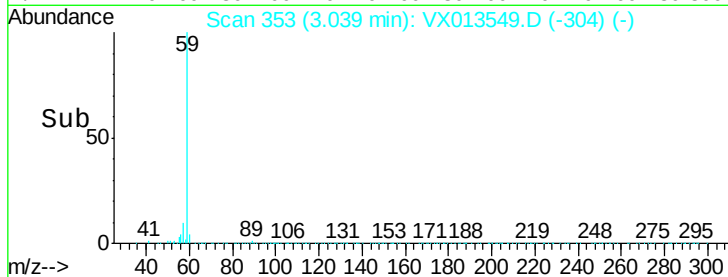
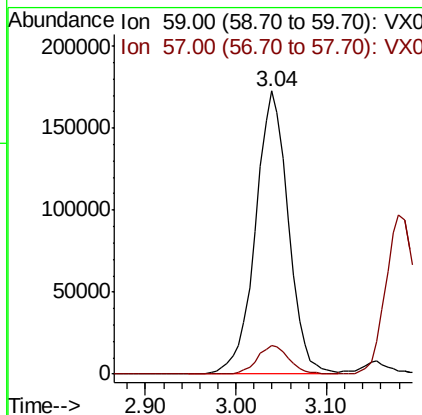
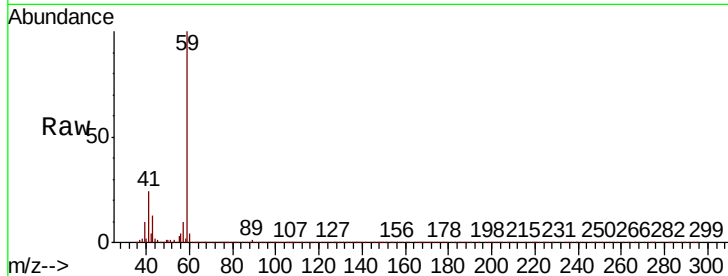
Tert butyl alcohol
Concen: 222.881 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.0	12.0

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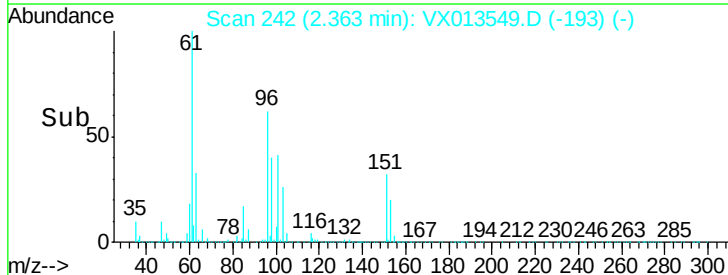
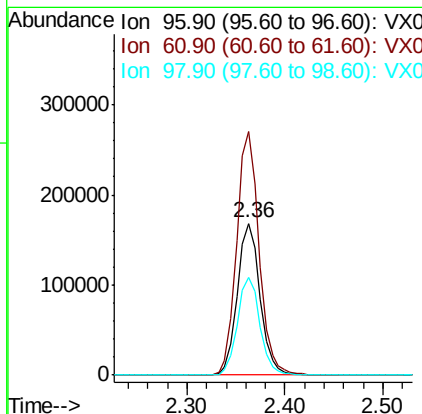
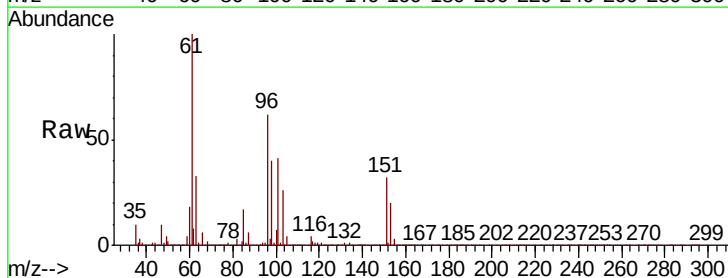
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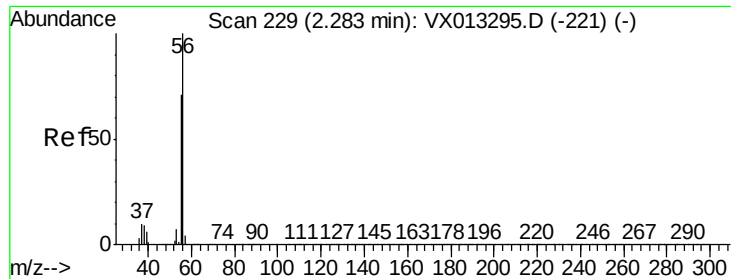


#12

1,1-Dichloroethene
Concen: 47.593 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.4	125.0	187.6
98	64.5	50.7	76.1





#13

Acrolein

Concen: 300.085 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 315781

Ion Ratio Lower Upper

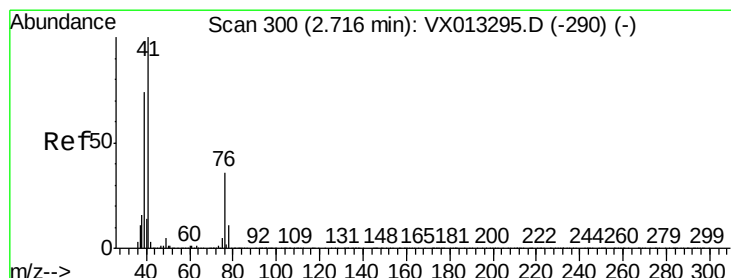
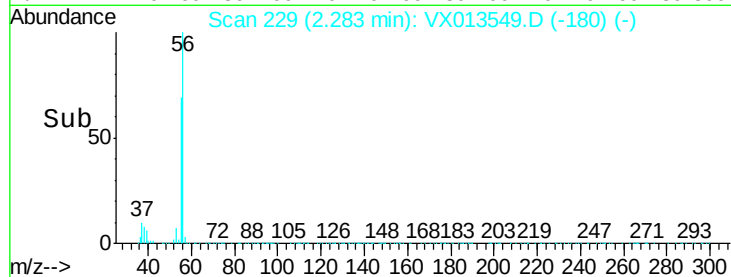
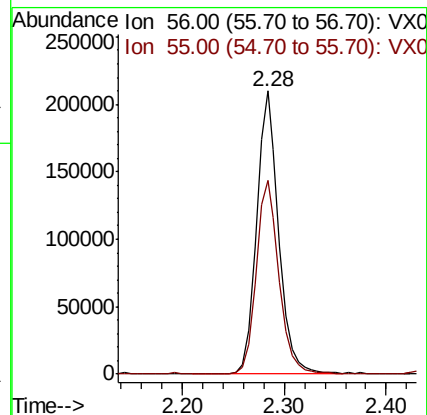
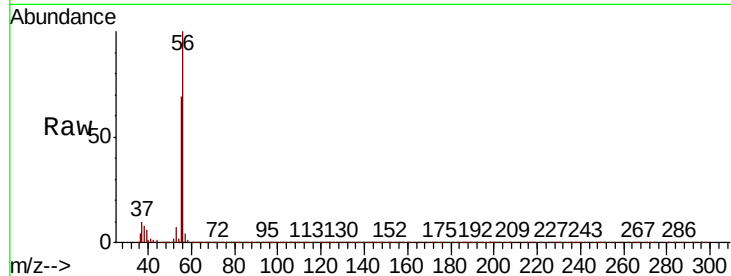
56 100

55 70.4 57.4 86.0

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#14

Allyl chloride

Concen: 48.698 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

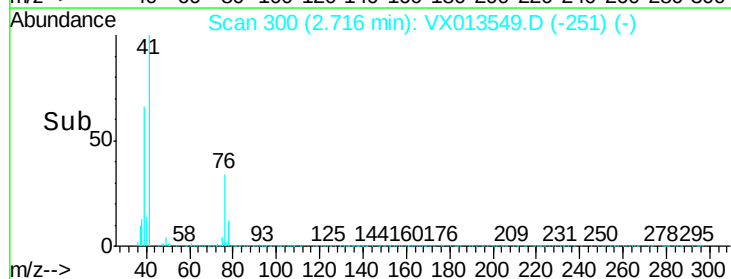
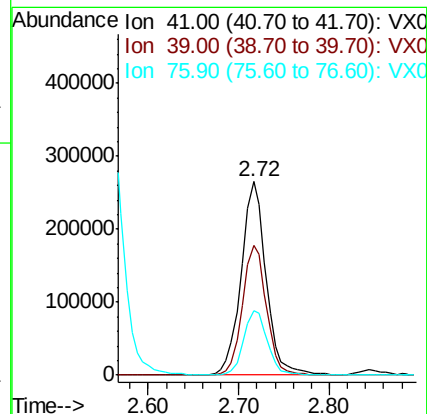
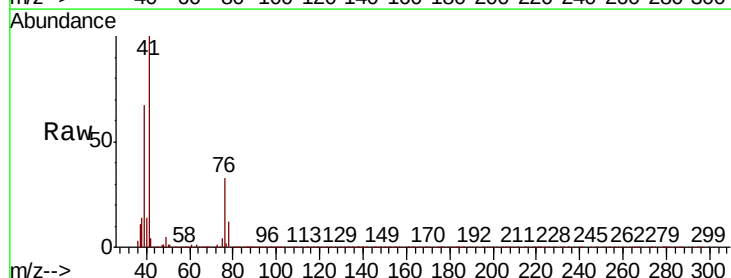
Tgt Ion: 41 Resp: 504686

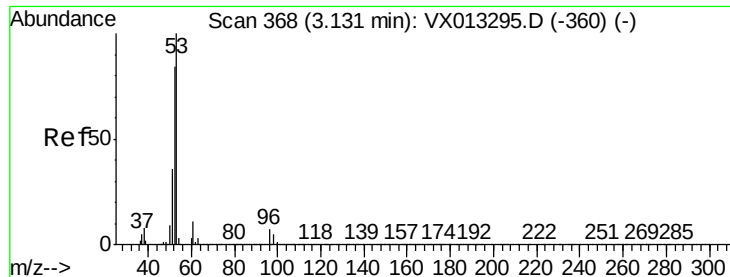
Ion Ratio Lower Upper

41 100

39 64.3 55.8 83.8

76 31.1 26.4 39.6





#15

Acrylonitrile

Concen: 268.557 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

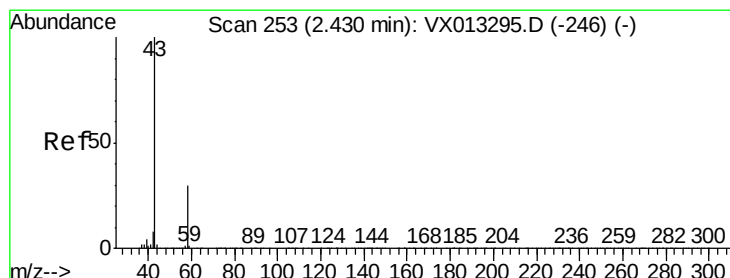
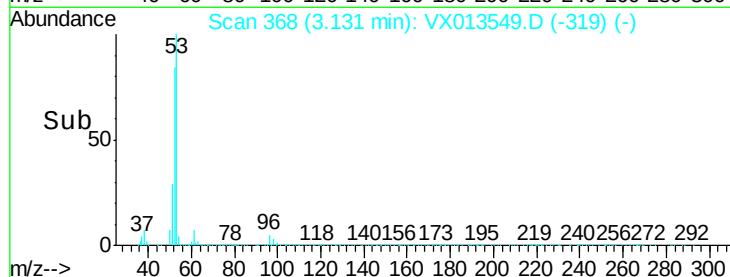
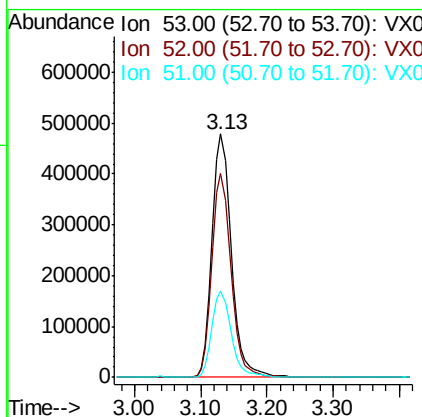
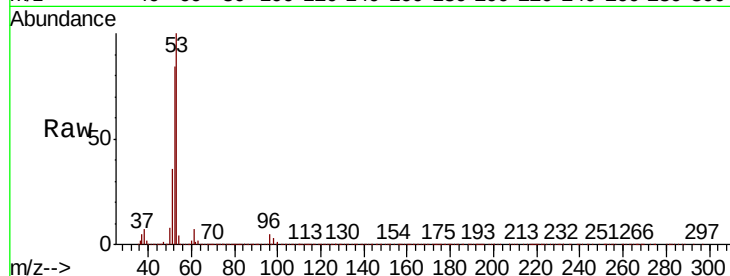
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	974021
Ion	Ratio	Lower	Upper
53	100		
52	82.8	67.4	101.0
51	35.8	29.4	44.2

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#16

Acetone

Concen: 233.160 ug/l

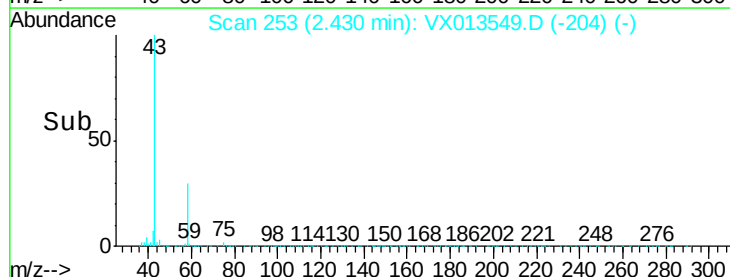
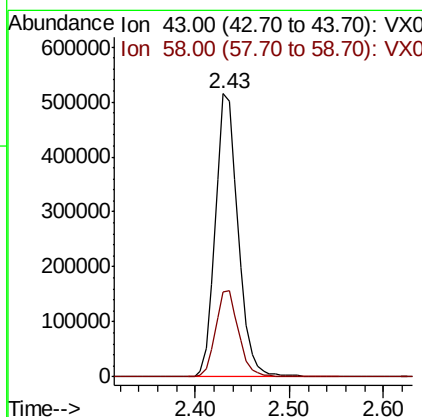
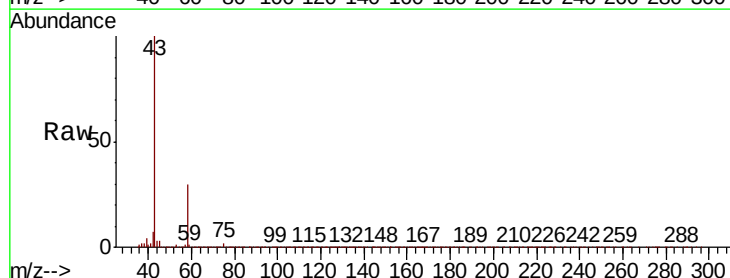
RT: 2.43 min Scan# 253

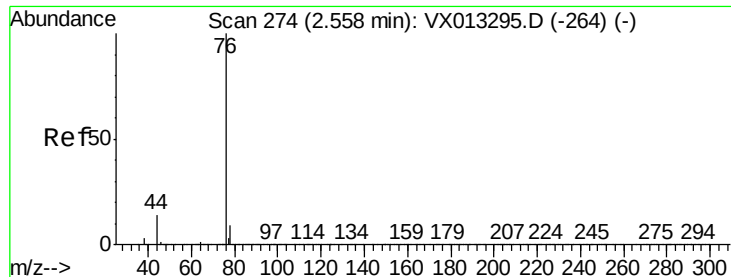
Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Tgt Ion:	43	Resp:	856715
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.3	36.5





#17

Carbon Disulfide

Concen: 40.535 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 618817

Ion Ratio Lower Upper

76 100

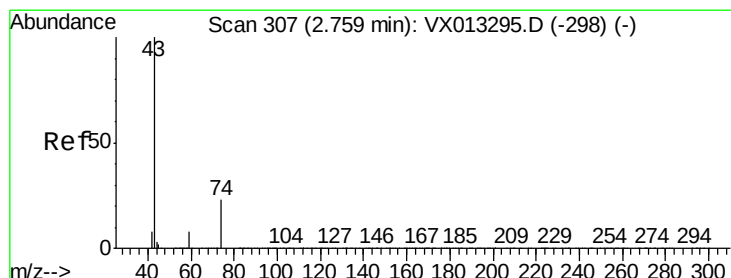
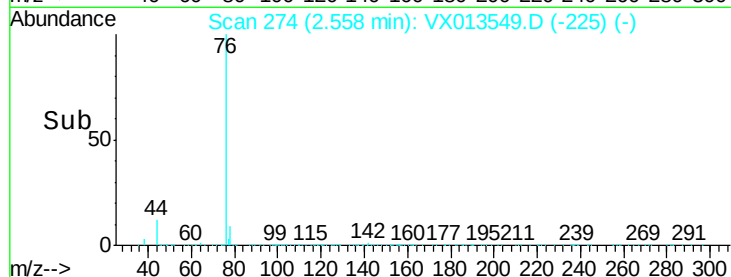
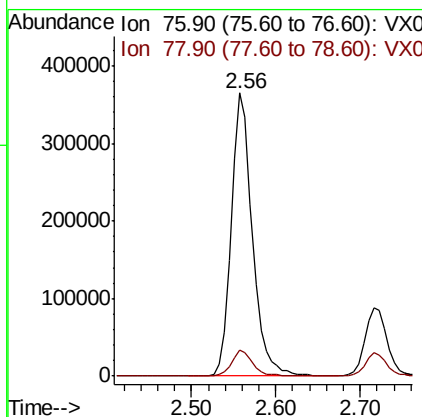
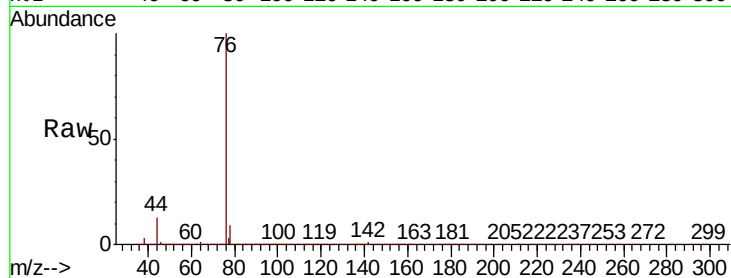
78 9.1 7.0 10.6

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#18

Methyl Acetate

Concen: 61.474 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013549.D

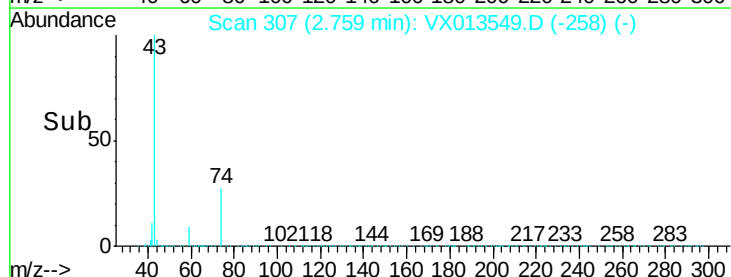
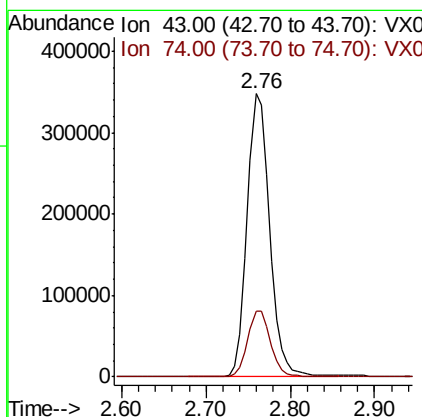
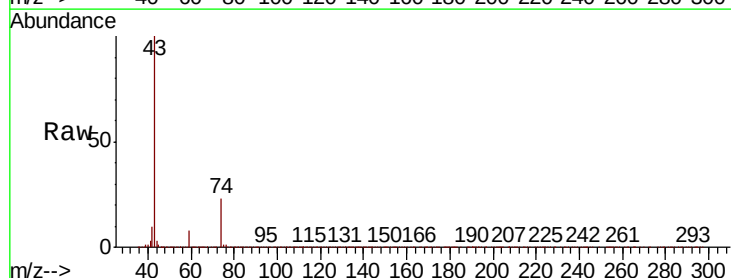
Acq: 22 Nov 2019 21:47

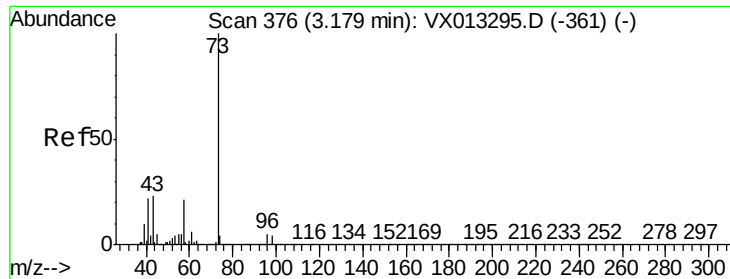
Tgt Ion: 43 Resp: 623599

Ion Ratio Lower Upper

43 100

74 23.9 19.0 28.6





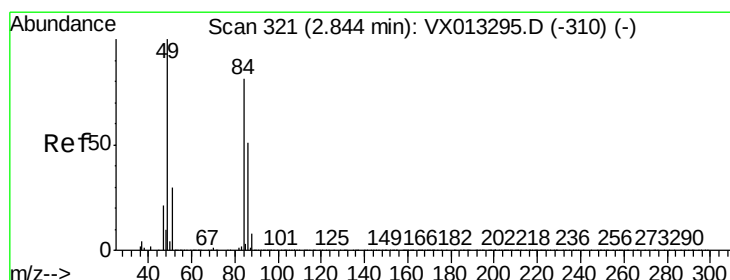
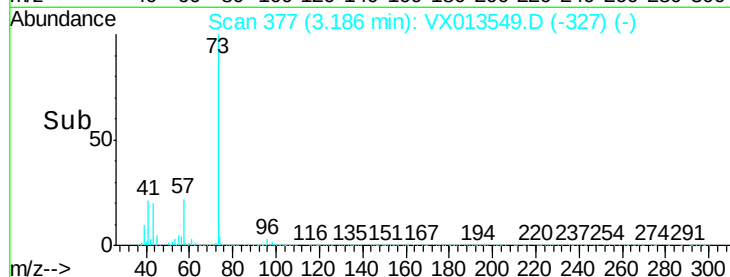
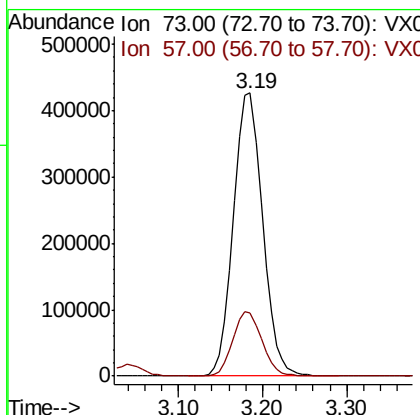
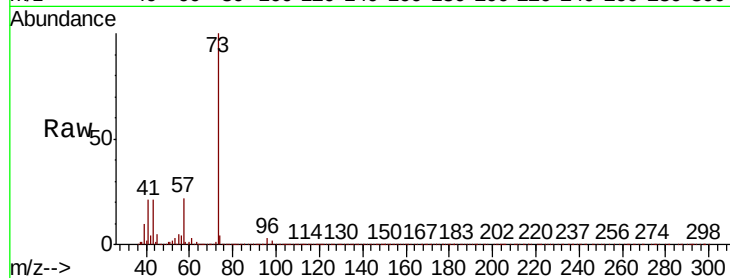
#19
Methyl tert-butyl Ether
Concen: 52.622 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1001065
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7

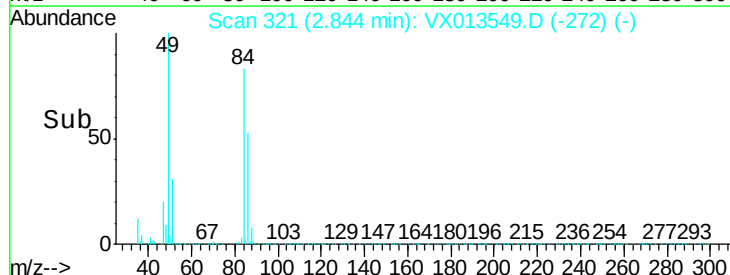
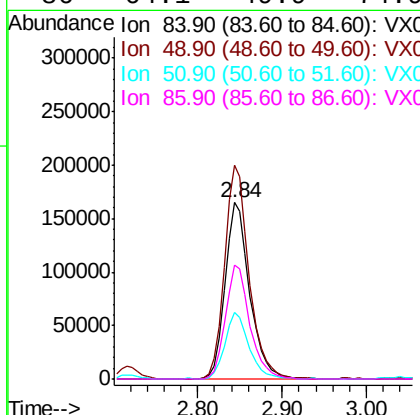
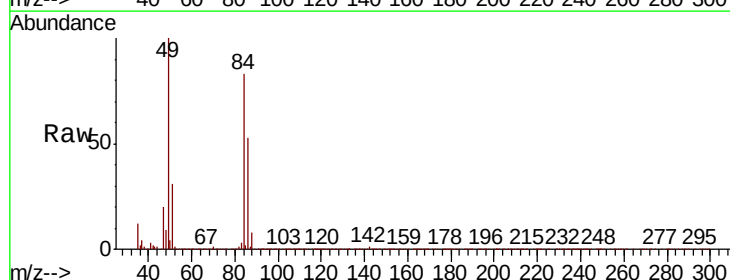
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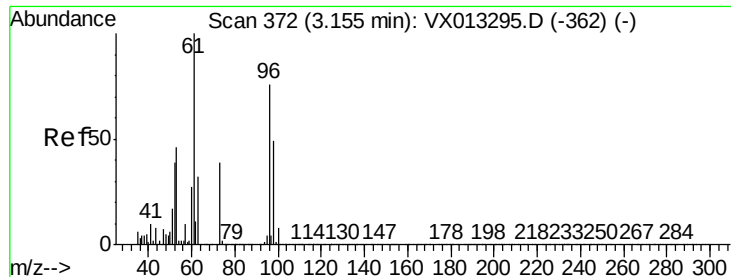
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#20
Methylene Chloride
Concen: 48.441 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion: 84 Resp: 328859
Ion Ratio Lower Upper
84 100
49 120.8 98.2 147.4
51 37.6 29.9 44.9
86 64.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 47.638 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

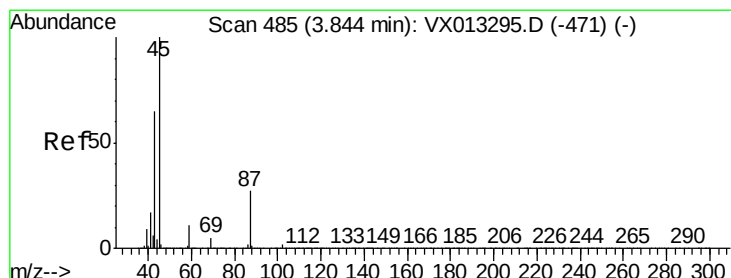
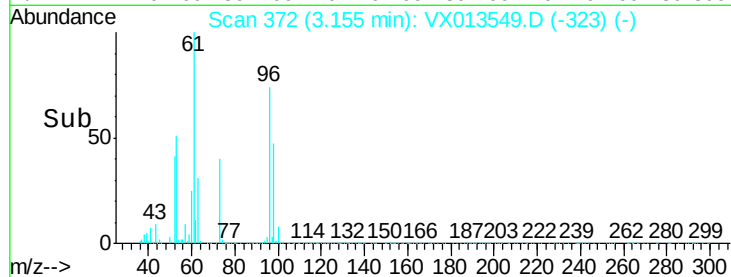
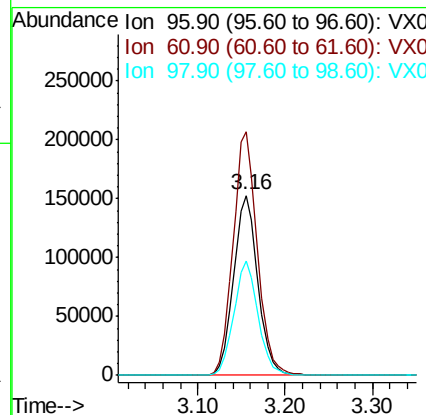
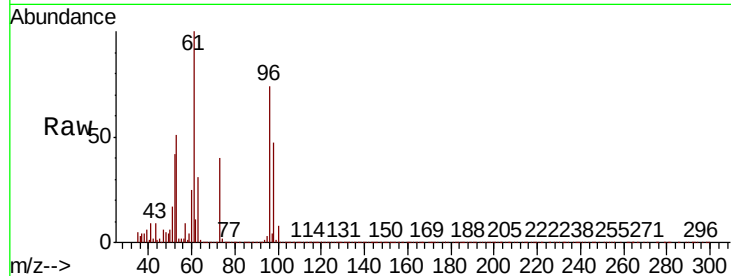
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	295846
Ion	Ratio	Lower	Upper
96	100		
61	135.3	105.8	158.6
98	63.3	51.8	77.6

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#22

Diisopropyl ether

Concen: 52.374 ug/l

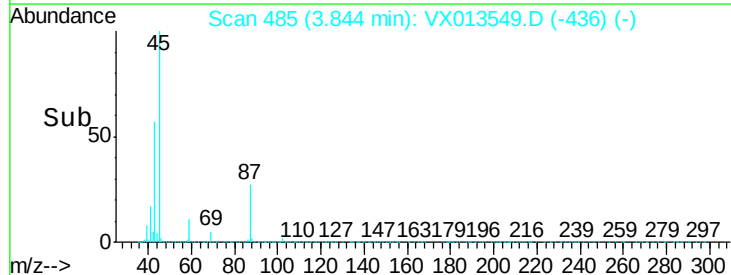
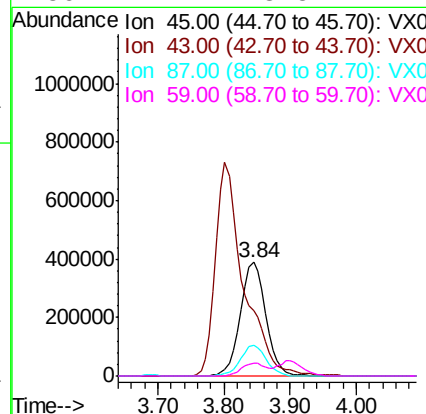
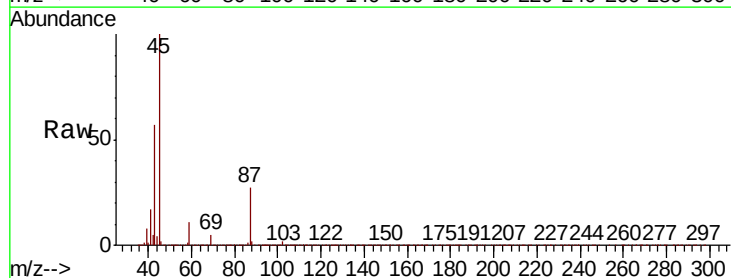
RT: 3.84 min Scan# 485

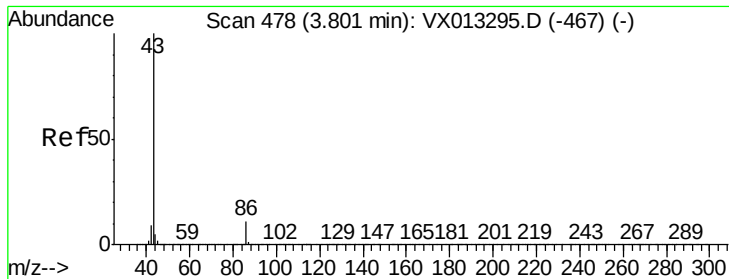
Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Tgt Ion:	45	Resp:	1047889
Ion	Ratio	Lower	Upper
45	100		
43	56.9	54.2	81.2
87	27.4	21.8	32.8
59	11.2	8.5	12.7





#23

Vinyl Acetate

Concen: 125.799 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2153770

Ion Ratio Lower Upper

43 100

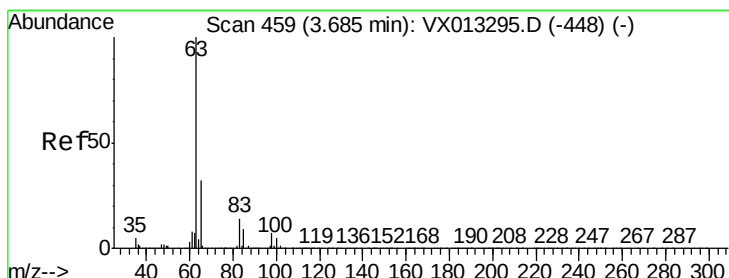
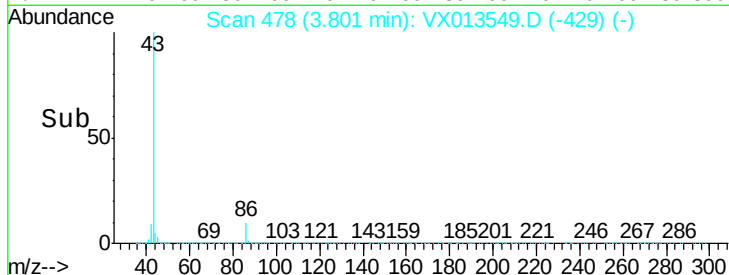
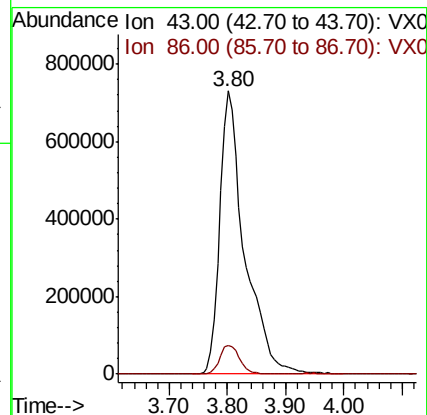
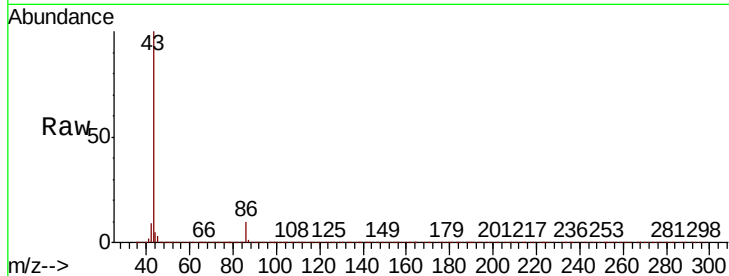
86 10.2 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 50.170 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

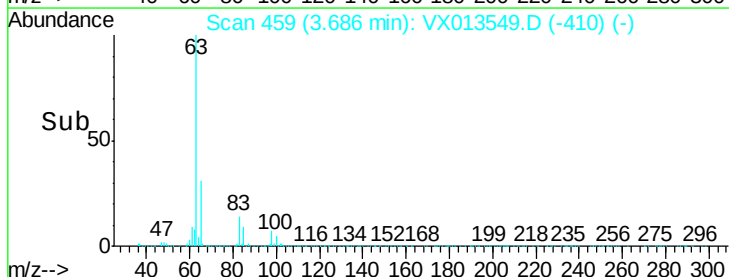
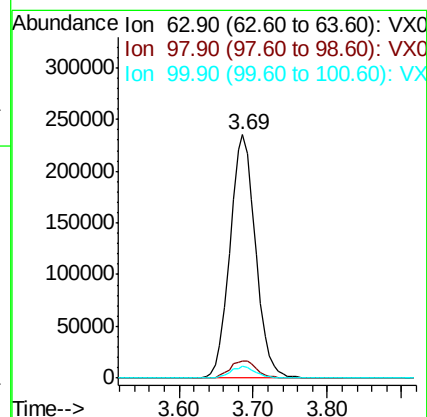
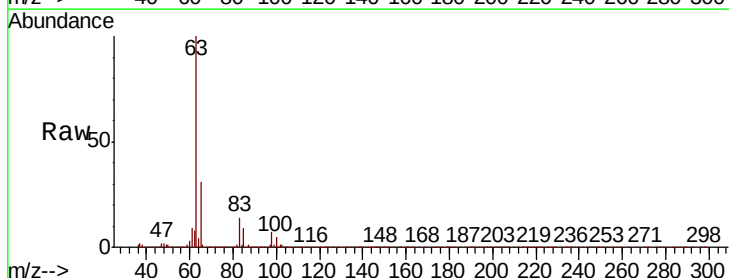
Tgt Ion: 63 Resp: 561533

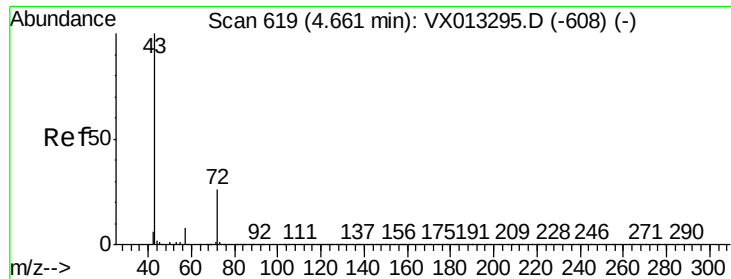
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 257.835 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Tot Ion: 43 Resp: 1389822

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

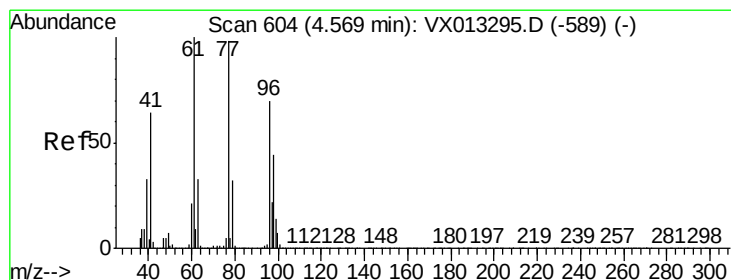
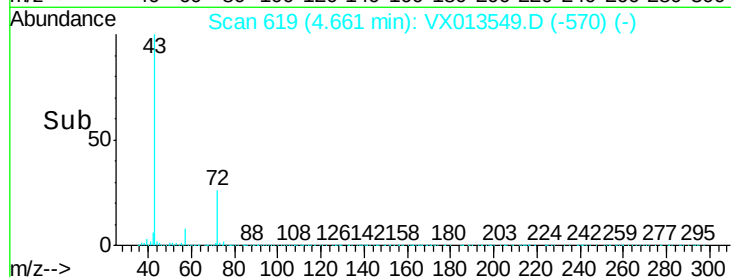
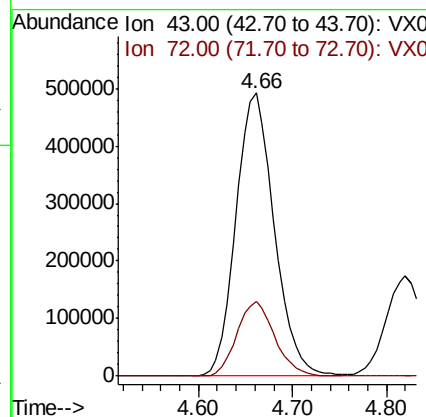
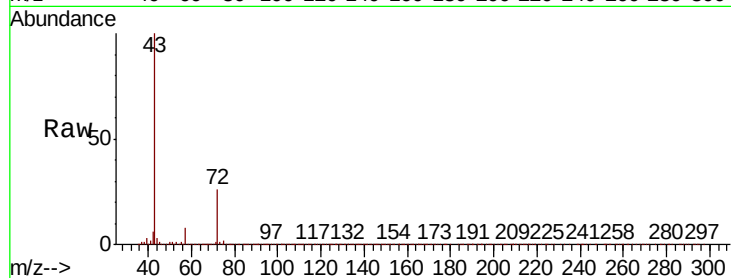
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 43.659 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013549.D

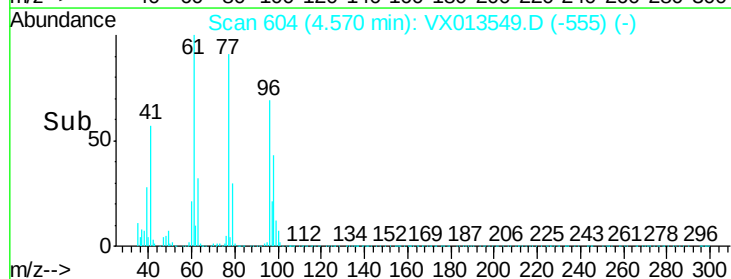
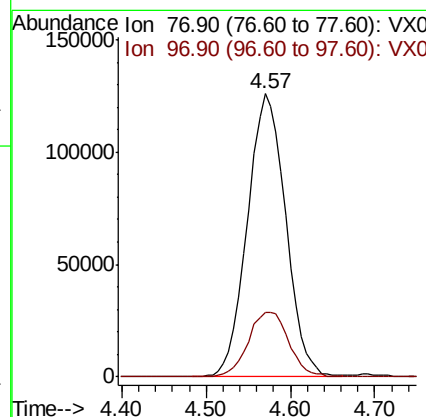
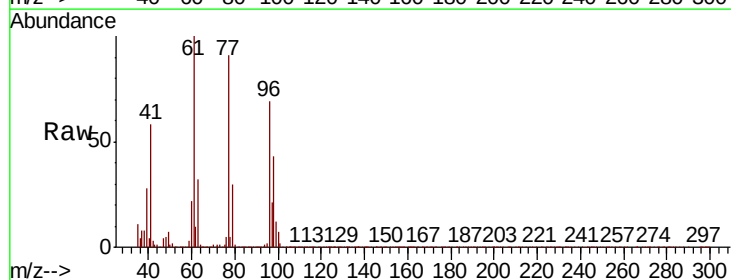
Acq: 22 Nov 2019 21:47

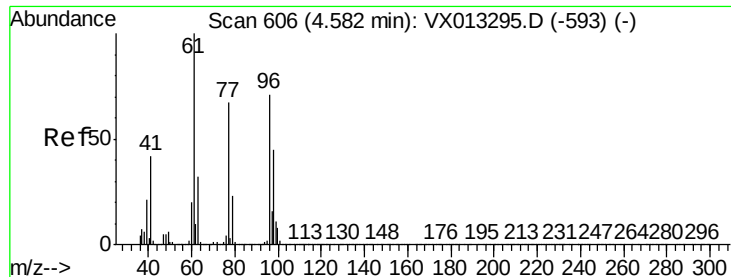
Tgt Ion: 77 Resp: 388741

Ion Ratio Lower Upper

77 100

97 24.2 11.3 33.8





#27

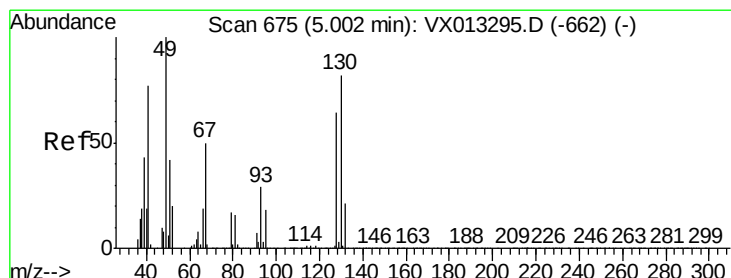
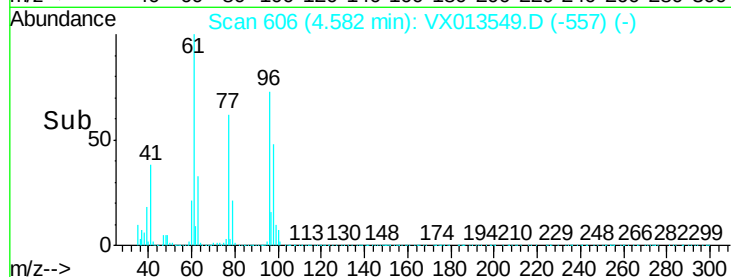
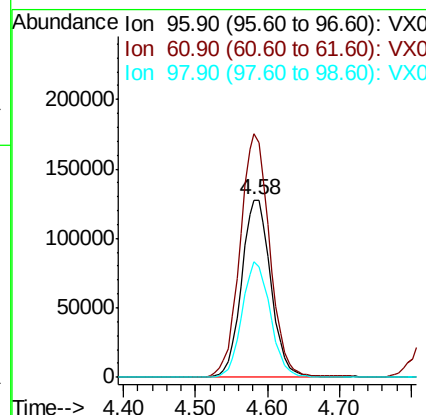
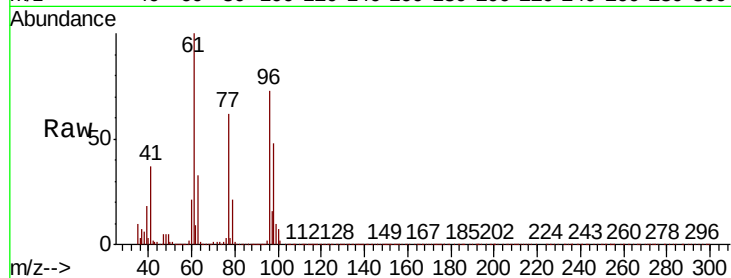
cis-1,2-Dichloroethene
Concen: 51.420 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.6	0.0	288.0	
98	63.4	0.0	129.6	

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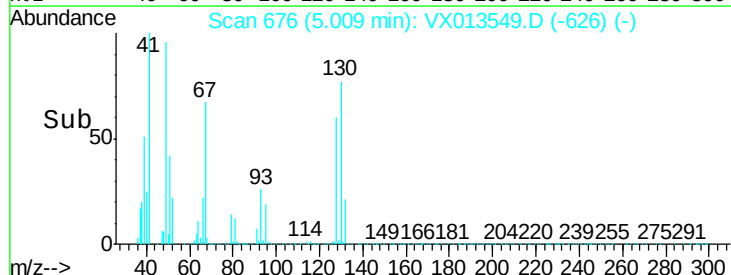
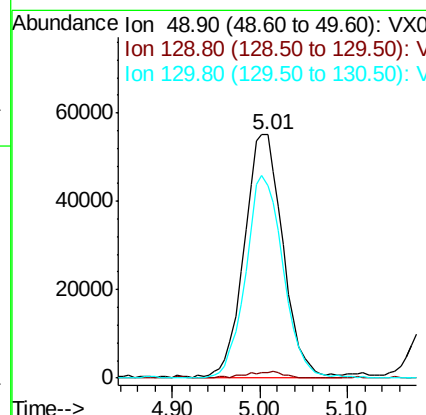
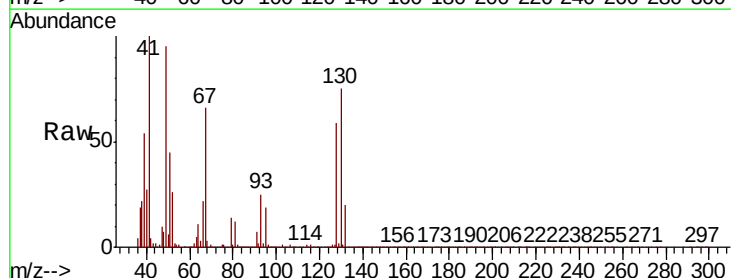
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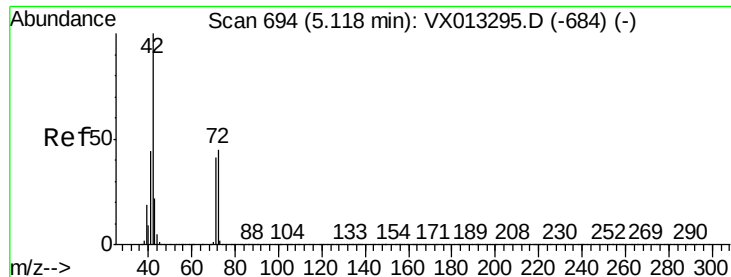


#28

Bromochloromethane
Concen: 52.994 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.7	0.0	5.2	
130	81.3	63.8	95.6	





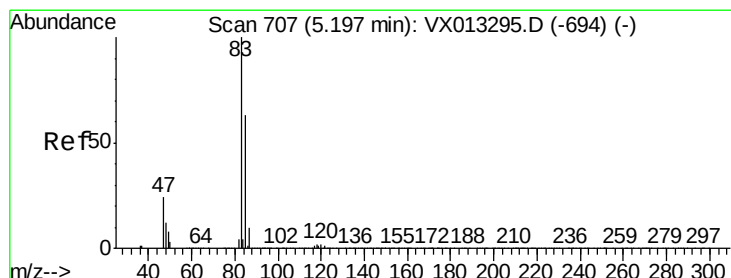
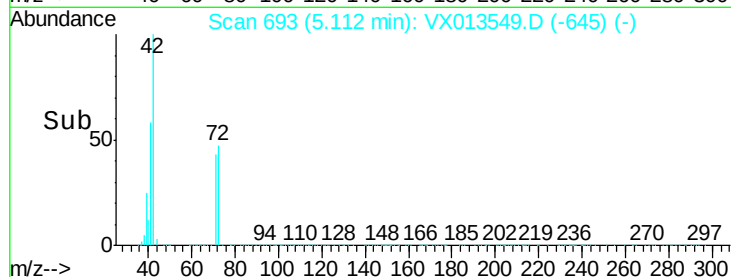
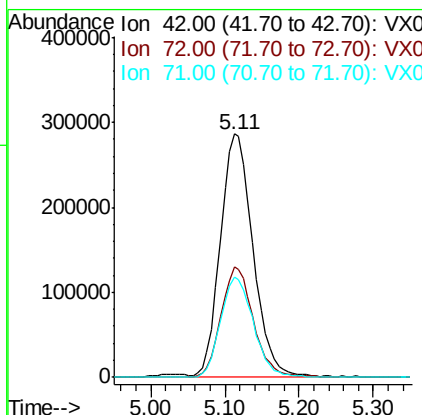
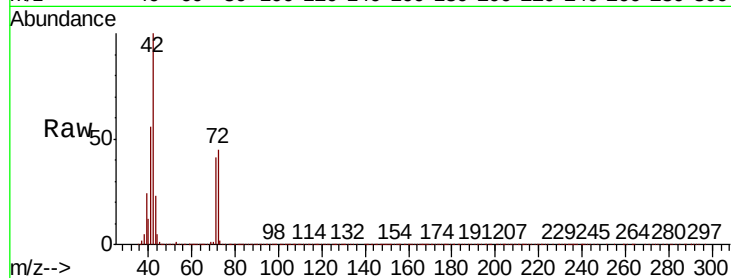
#29
Tetrahydrofuran
Concen: 261.944 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.8	53.8
71	41.8	33.4	50.0

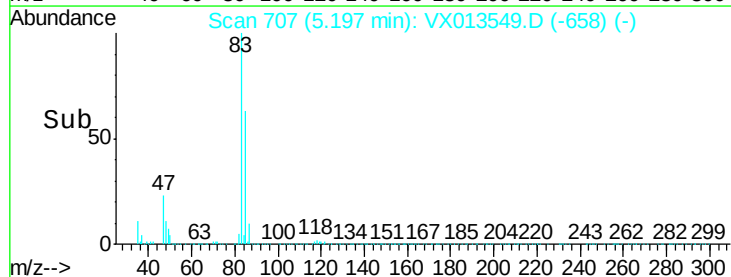
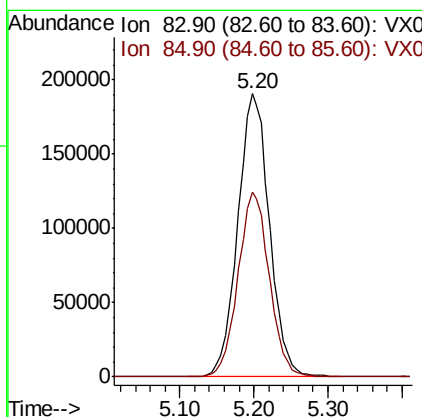
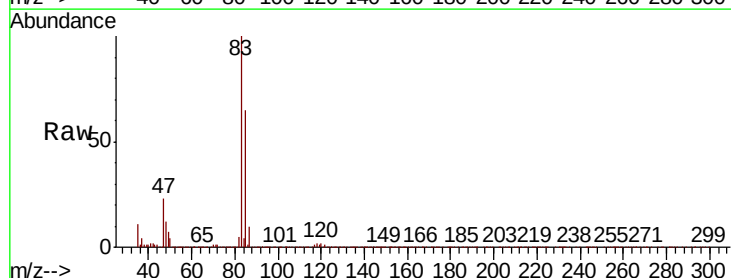
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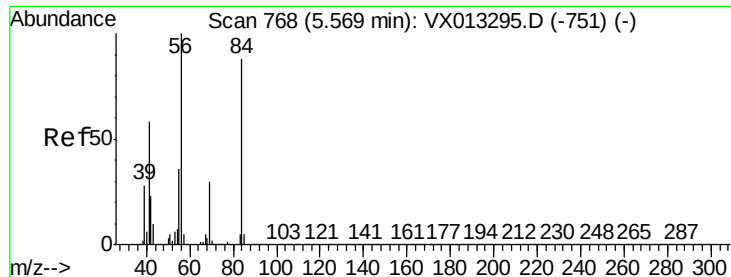
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#30
Chloroform
Concen: 51.204 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.2	75.4





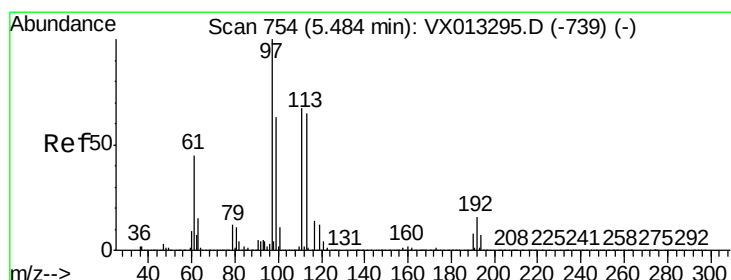
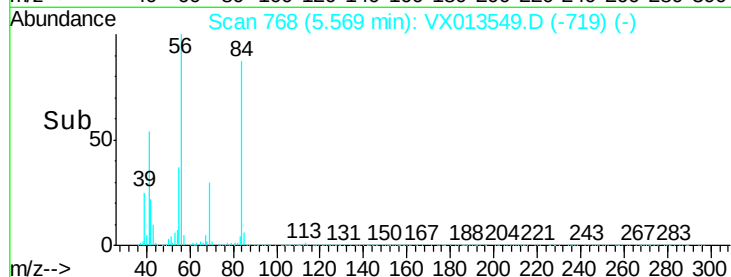
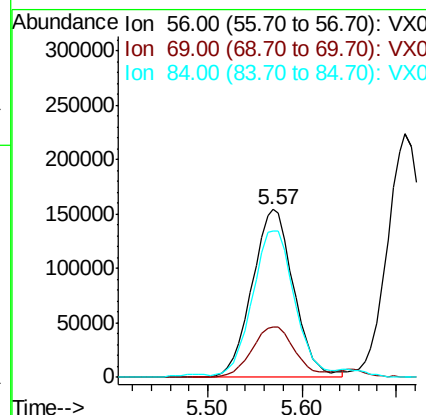
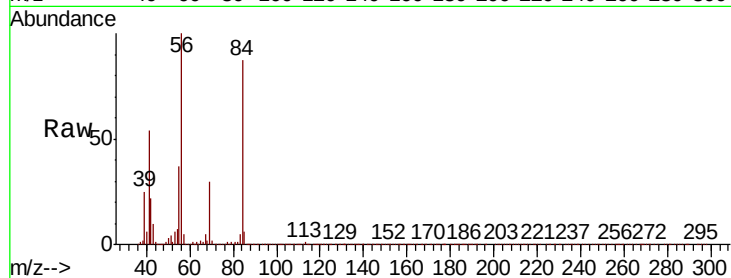
#31
Cyclohexane
Concen: 47.307 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.9	23.7	35.5	
84	85.4	70.6	105.8	

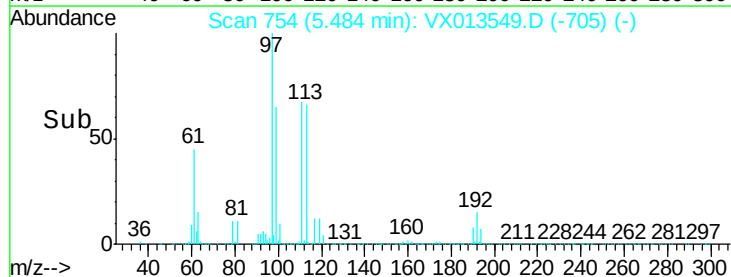
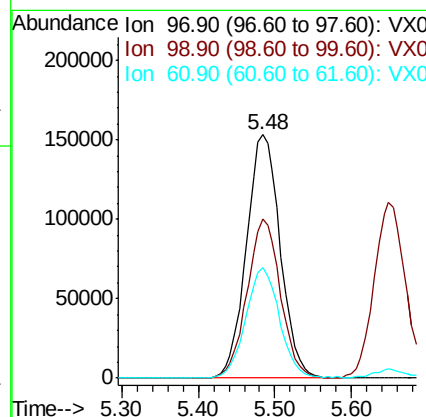
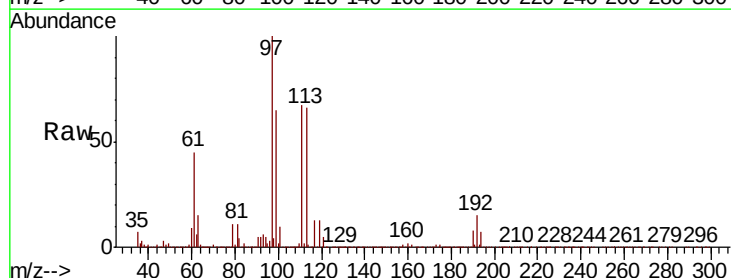
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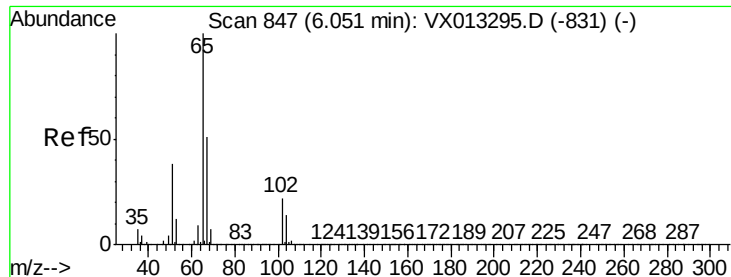
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#32
1,1,1-Trichloroethane
Concen: 49.353 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.3	51.1	76.7	
61	44.9	36.5	54.7	





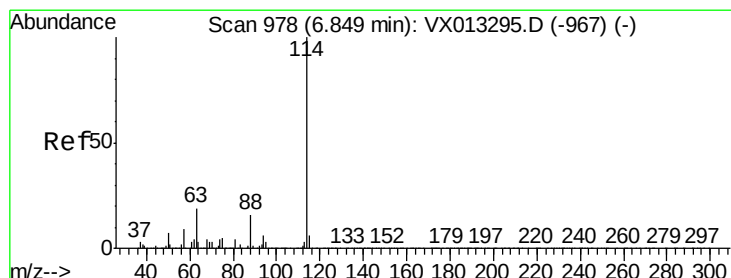
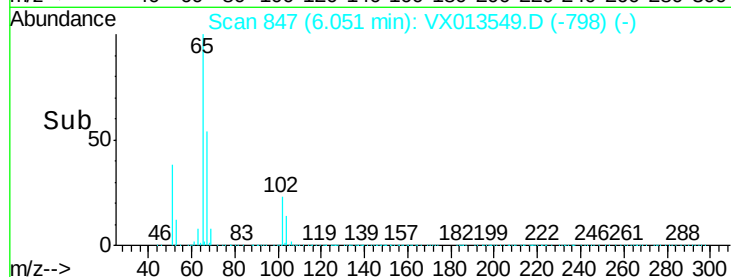
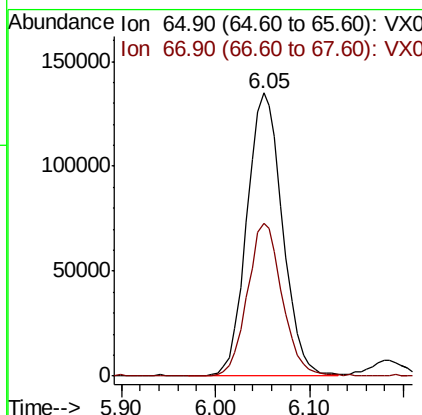
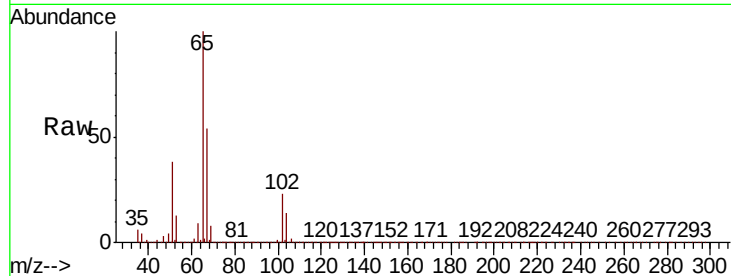
#33
 1,2-Dichloroethane-d4
 Concen: 48.447 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013549.D
 Acq: 22 Nov 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.6	0.0	104.2	

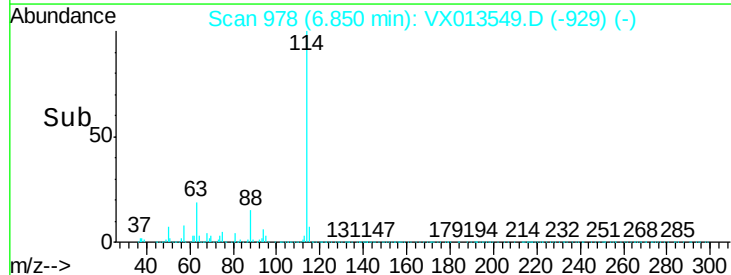
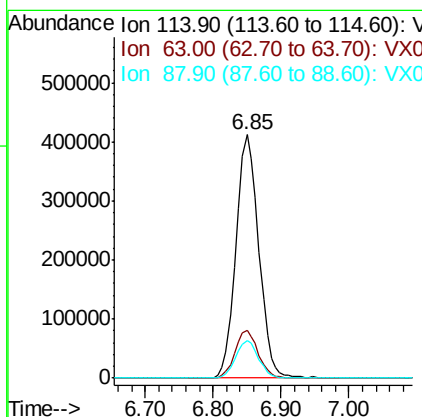
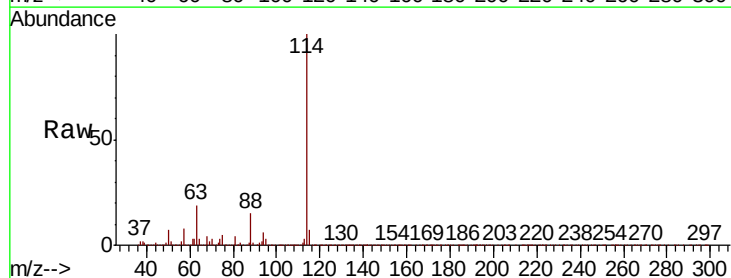
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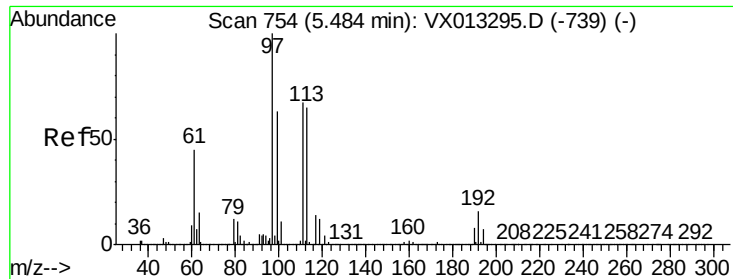
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013549.D
 Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.4	0.0	38.4	
88	15.4	0.0	32.2	





#35

Dibromofluoromethane

Concen: 48.830 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

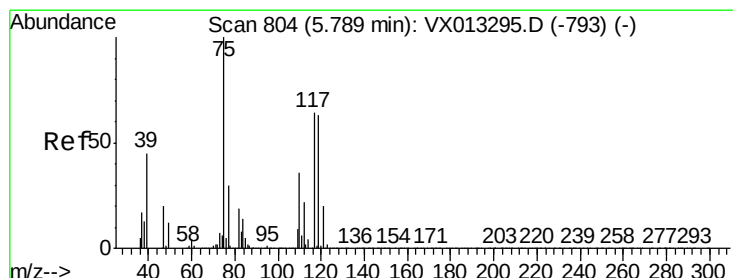
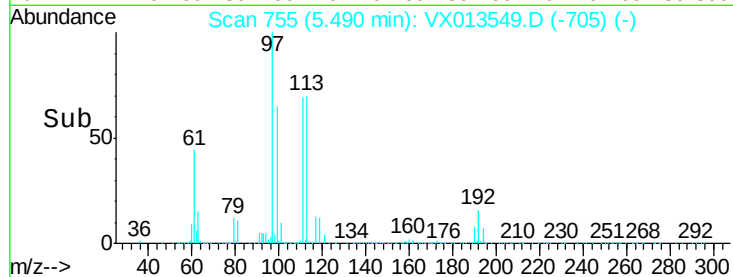
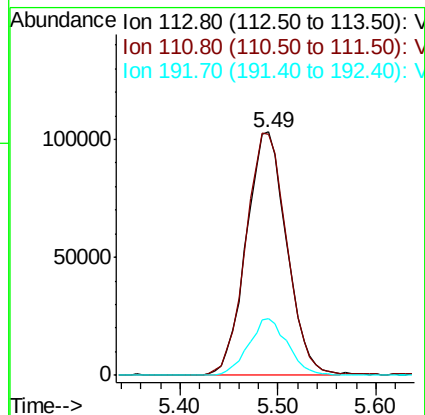
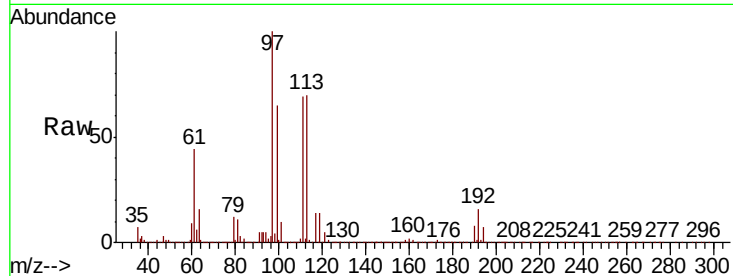
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	294530
Ion Ratio	Lower	Upper	
113	100		
111	100.7	81.9	122.9
192	22.7	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 49.026 ug/l

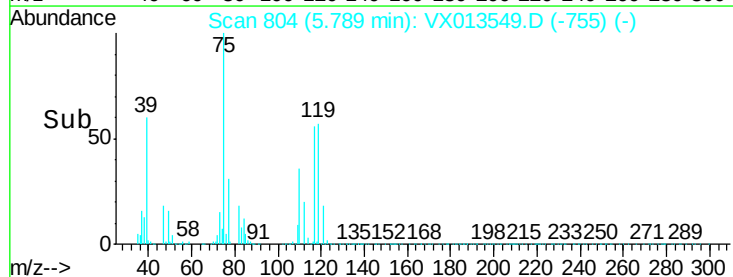
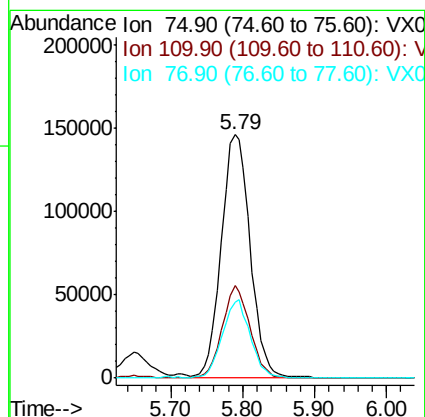
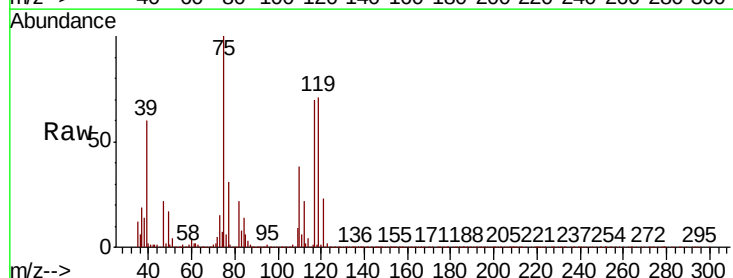
RT: 5.79 min Scan# 804

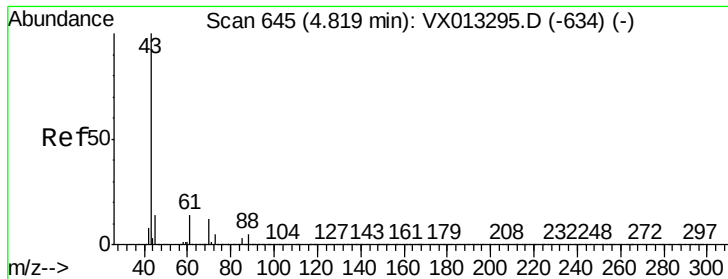
Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Tgt Ion:	75	Resp:	404464
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.1	54.1
77	30.7	25.0	37.4





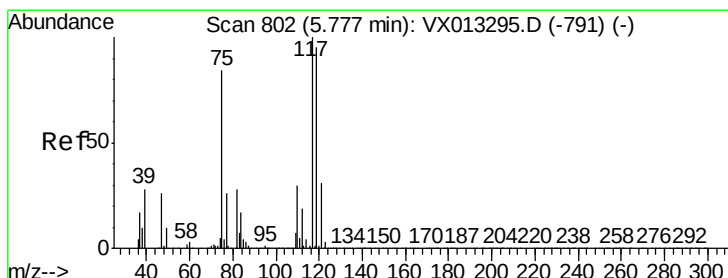
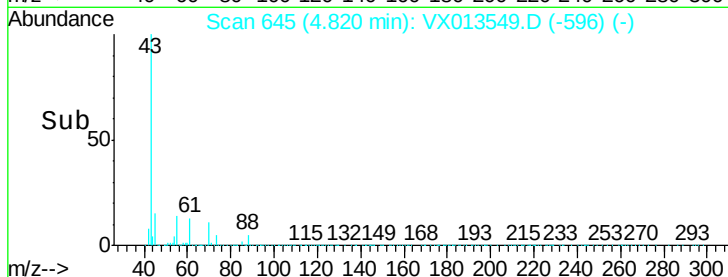
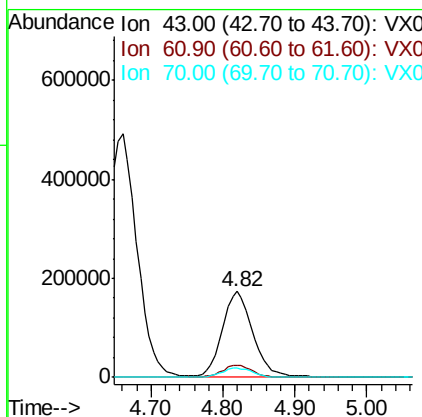
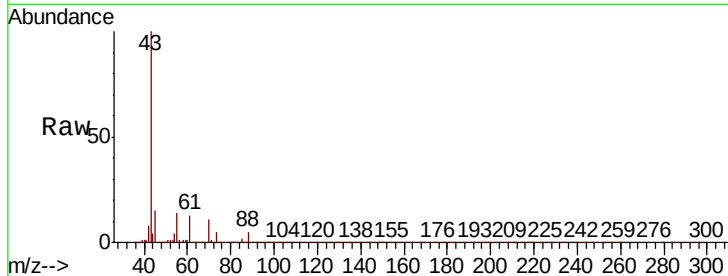
#37
Ethyl Acetate
Concen: 49.931 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.7	8.7	13.1

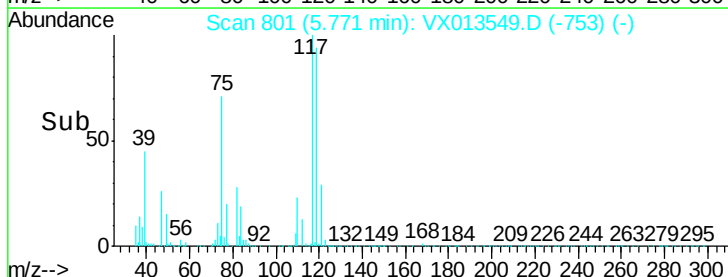
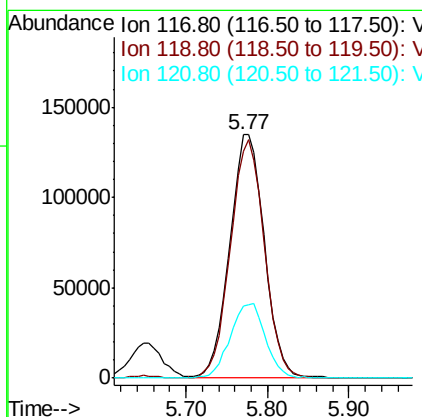
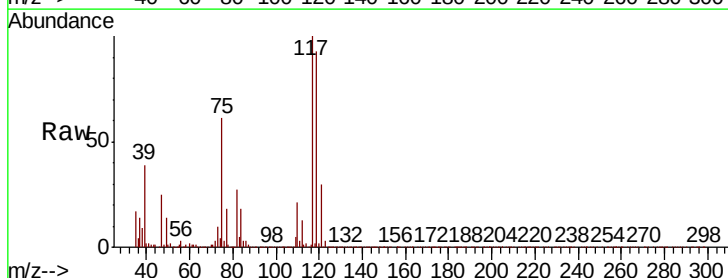
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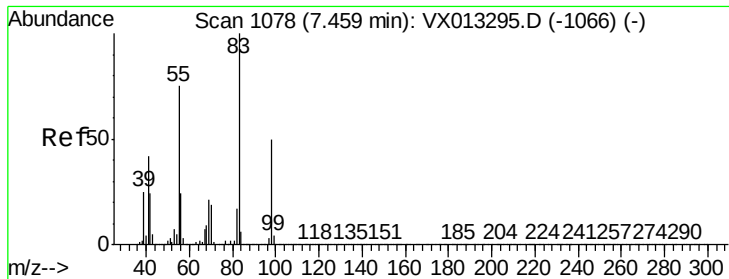
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#38
Carbon Tetrachloride
Concen: 48.872 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.1	114.1
121	29.7	24.6	37.0





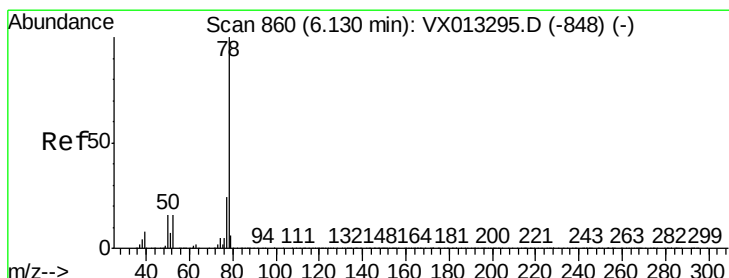
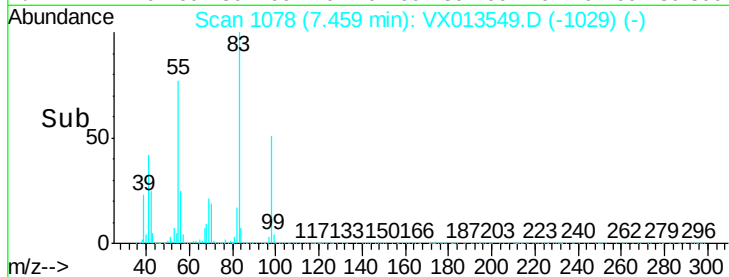
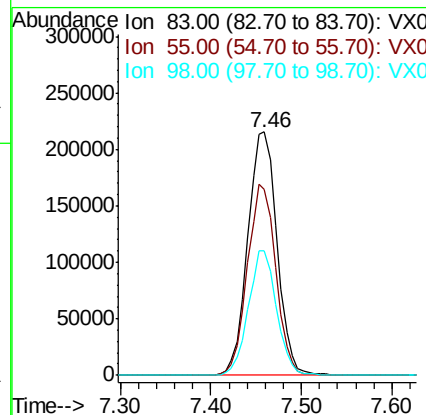
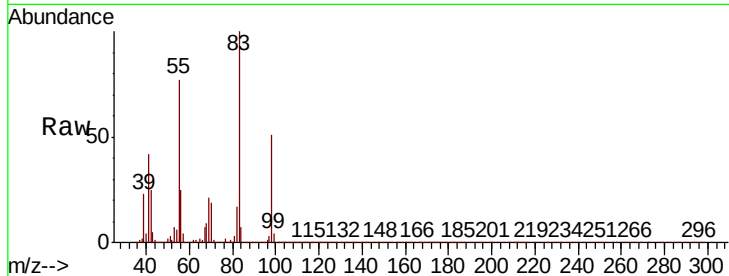
#39
Methylvlcyclohexane
Concen: 46.696 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	480025		
55	76.5		60.3	90.5
98	51.2		40.3	60.5

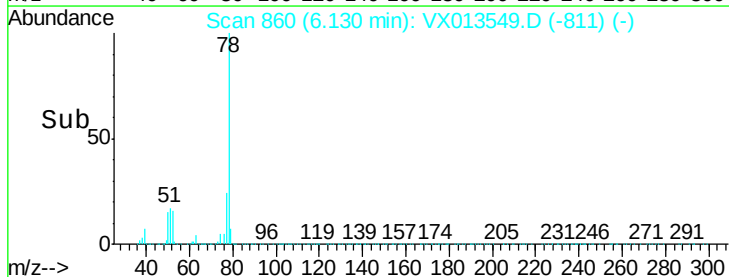
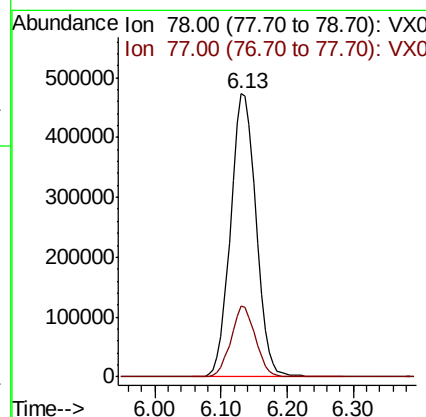
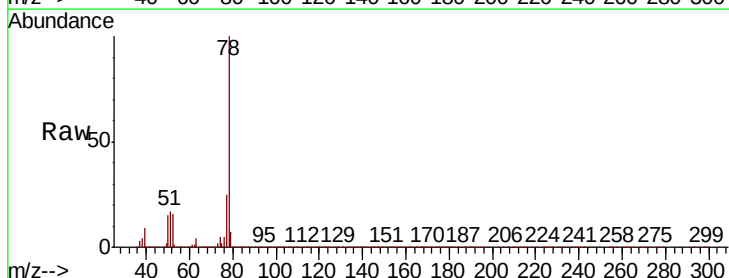
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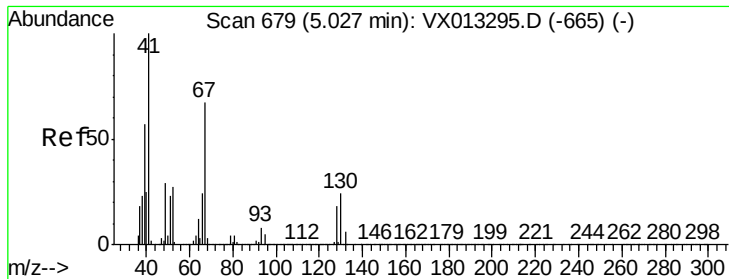
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#40
Benzene
Concen: 49.280 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1266438		
77	25.2		19.5	29.3





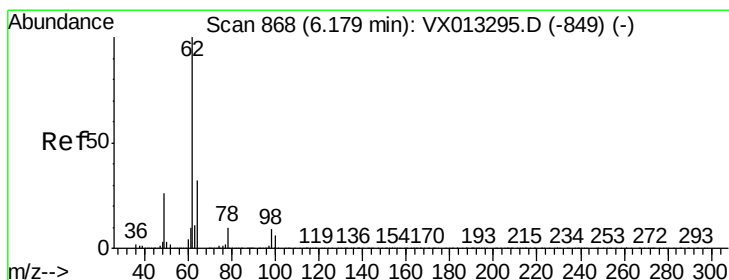
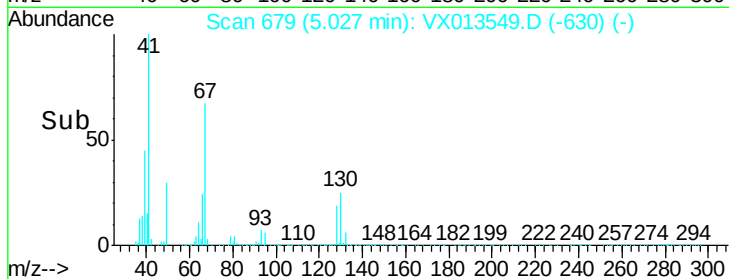
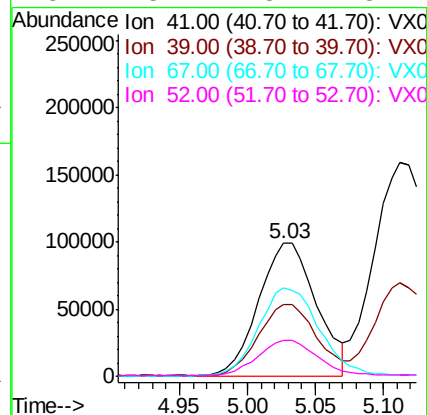
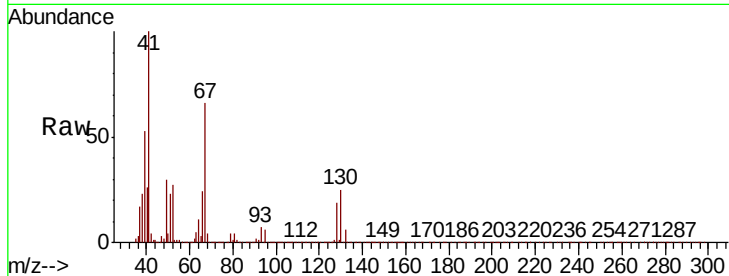
#41
Methacrylonitrile
Concen: 51.124 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.0	67.6
67	70.3	55.4	83.2
52	28.1	23.1	34.7

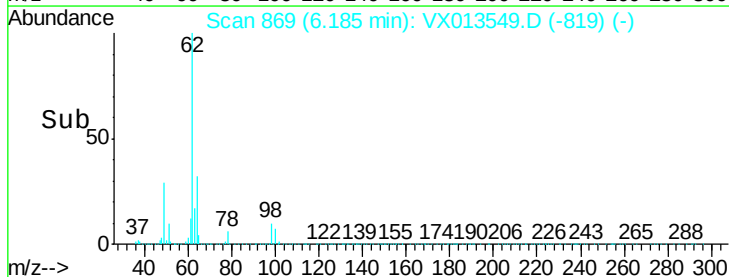
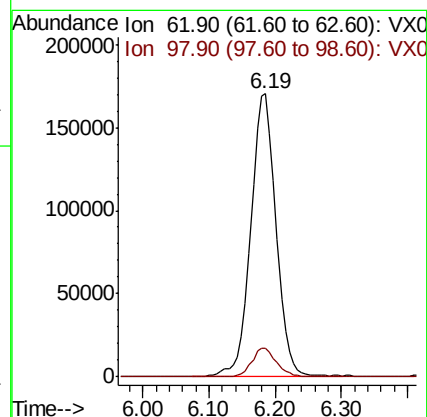
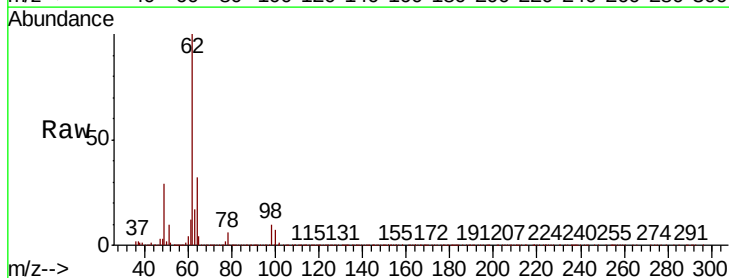
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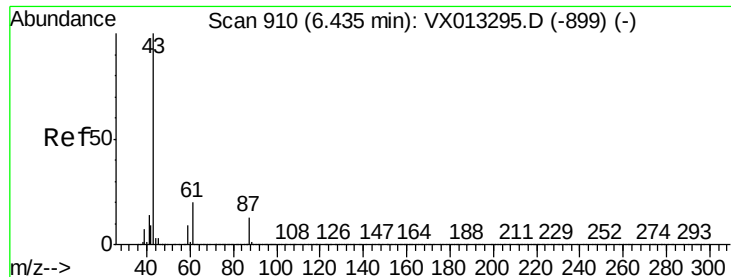
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#42
1,2-Dichloroethane
Concen: 48.807 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4





#43

Isopropyl Acetate

Concen: 52.299 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

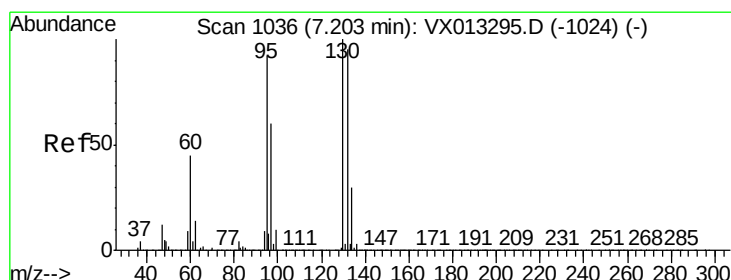
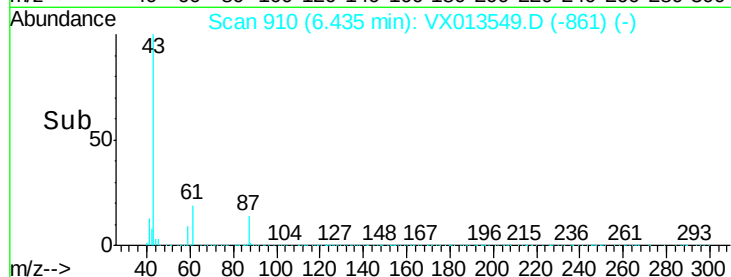
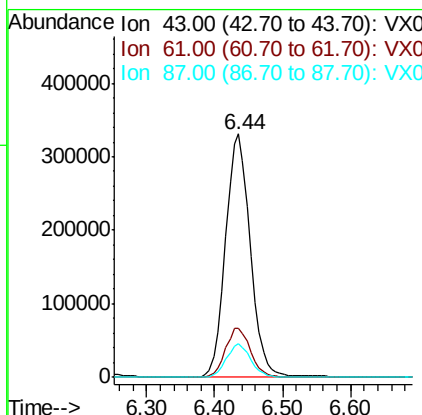
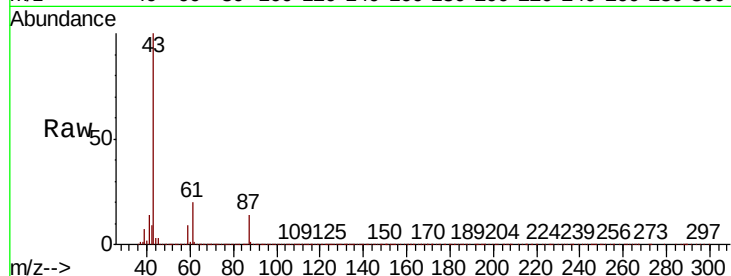
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	830204
Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.8	23.8
87	13.4	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 52.856 ug/l

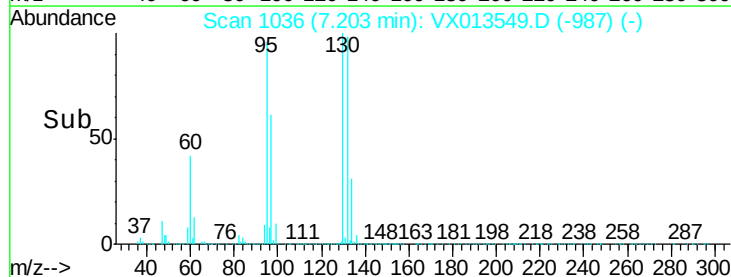
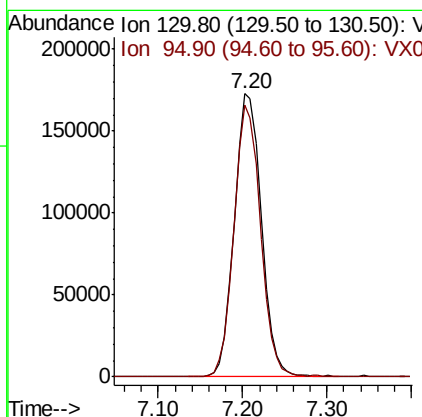
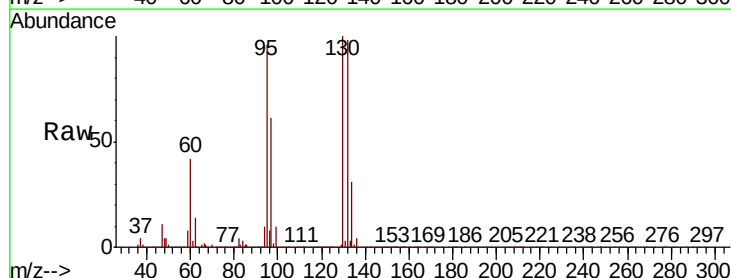
RT: 7.20 min Scan# 1036

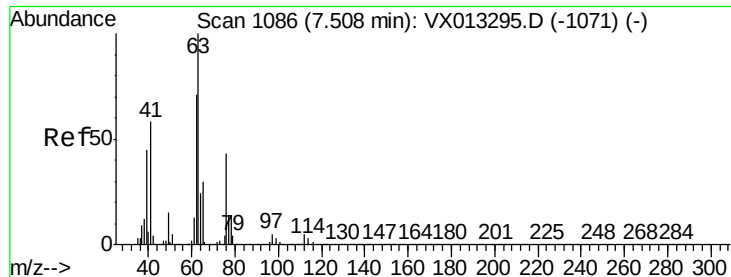
Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Tgt Ion:	130	Resp:	373901
Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	184.8





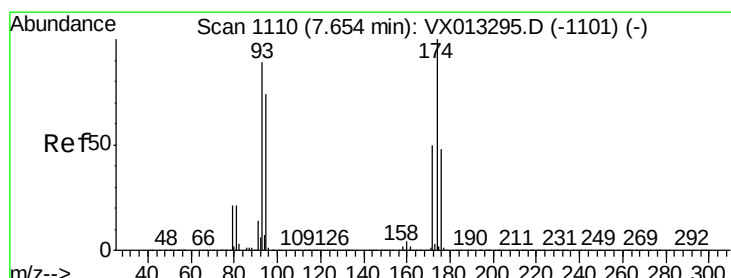
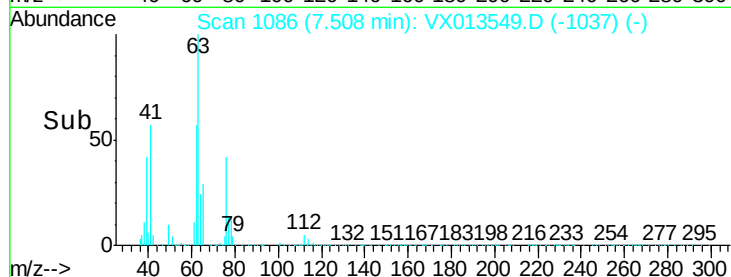
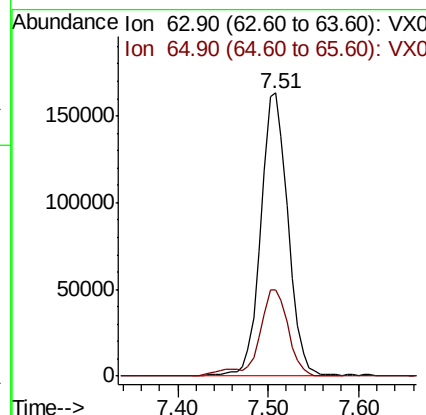
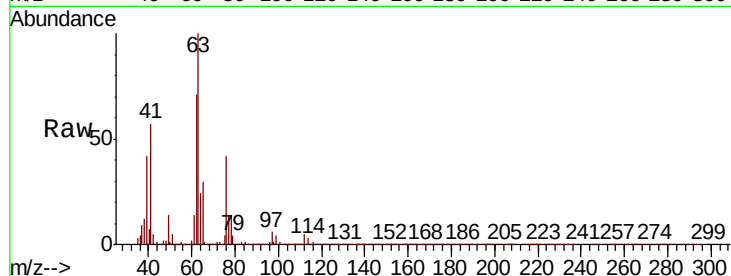
#45
 1,2-Dichloropropane
 Concen: 51.604 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013549.D
 Acq: 22 Nov 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.3	36.5

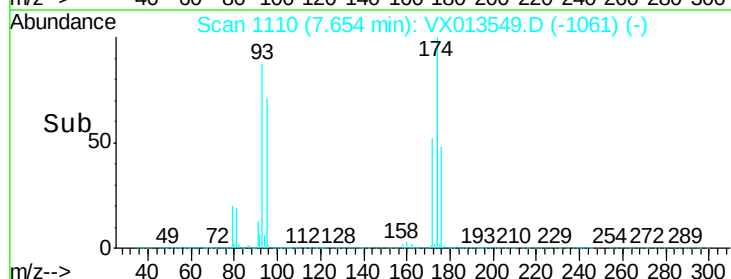
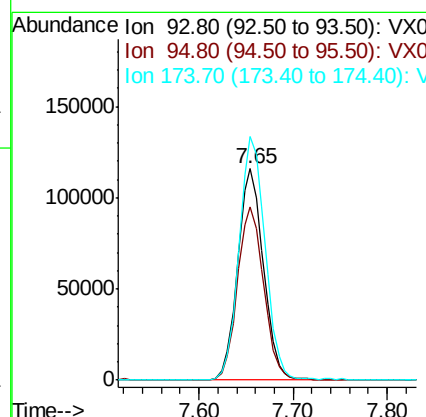
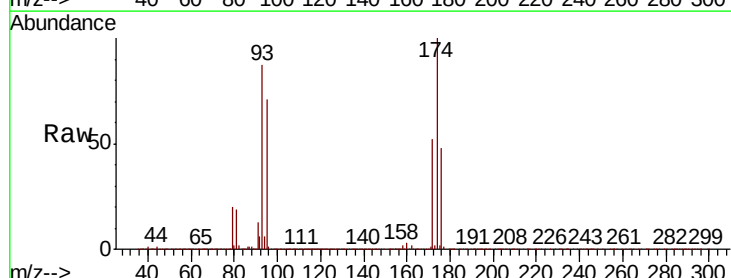
Manual Integrations
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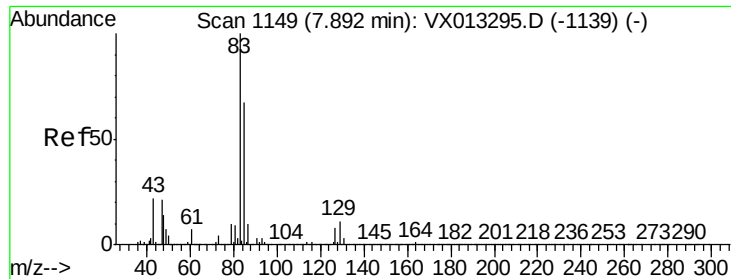
MMDadoda
 11/25/2019 10:39:41 AM



#46
 Dibromomethane
 Concen: 49.266 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013549.D
 Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.8	98.6
174	116.8	90.4	135.6





#47

Bromodichloromethane

Concen: 52.183 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

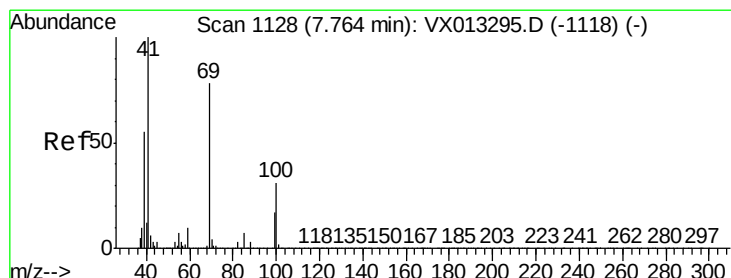
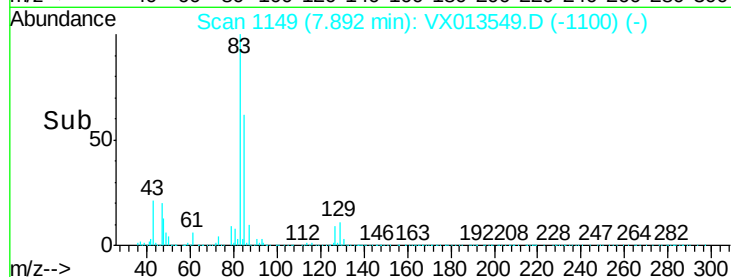
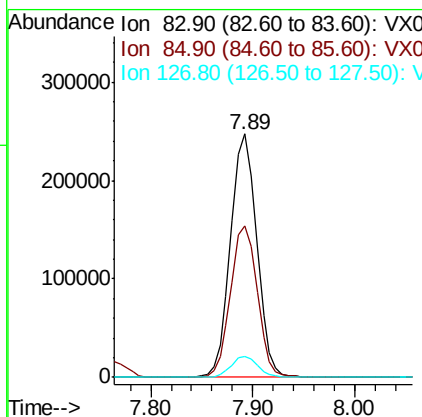
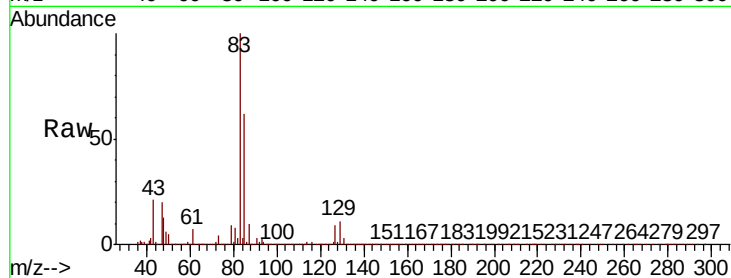
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	439922
Ion Ratio	Lower	Upper	
83	100		
85	62.2	53.7	80.5
127	8.6	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.870 ug/l

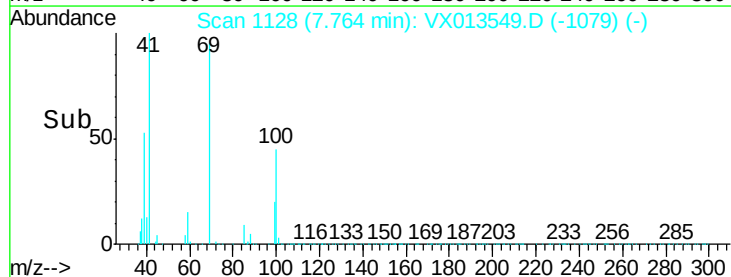
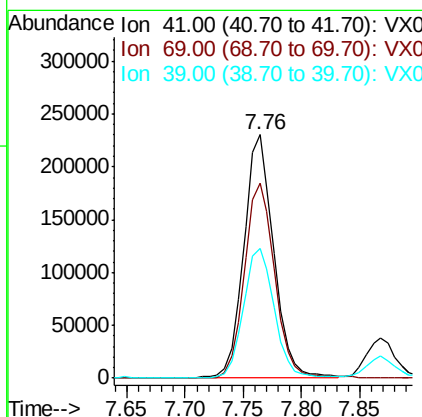
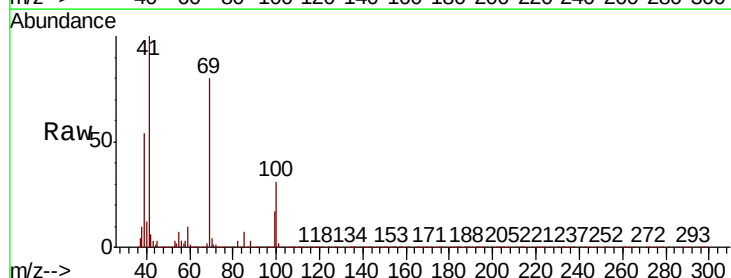
RT: 7.76 min Scan# 1128

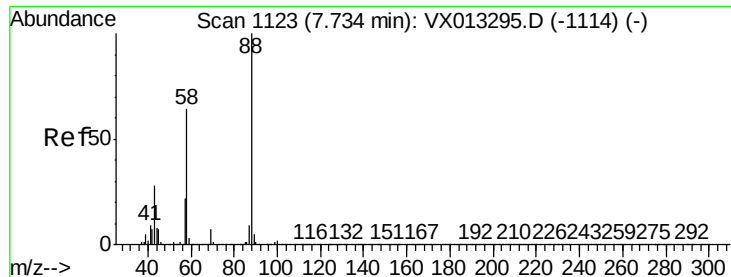
Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Tgt Ion:	41	Resp:	411024
Ion Ratio	Lower	Upper	
41	100		
69	81.4	63.0	94.6
39	54.9	45.9	68.9





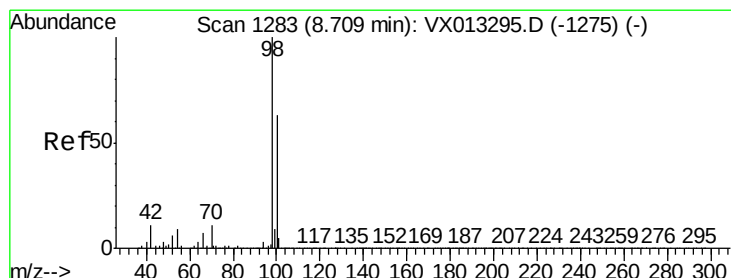
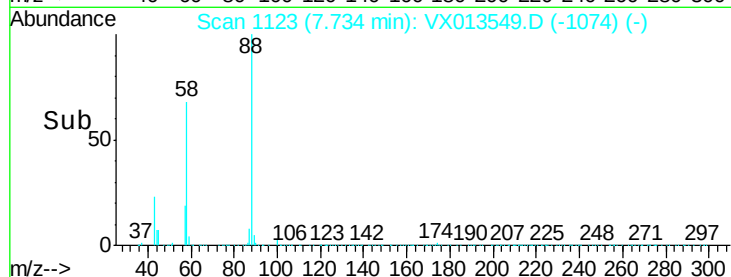
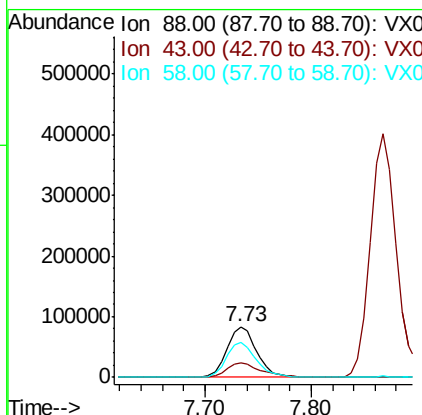
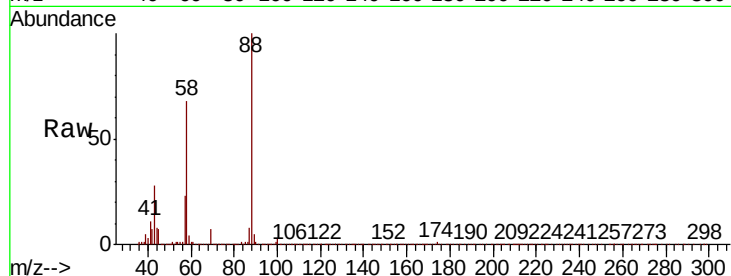
#49
1,4-Dioxane
Concen: 893.893 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	26.6	39.8
58	69.6	55.0	82.6

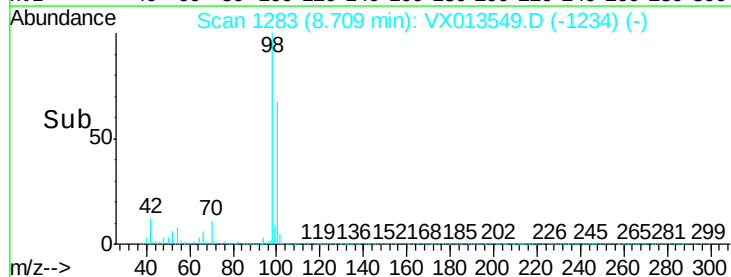
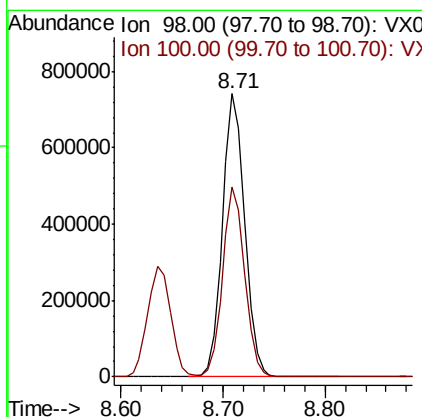
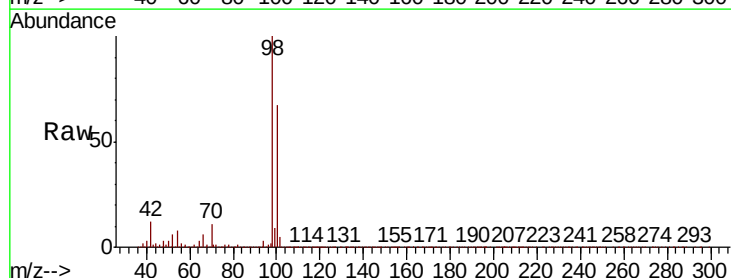
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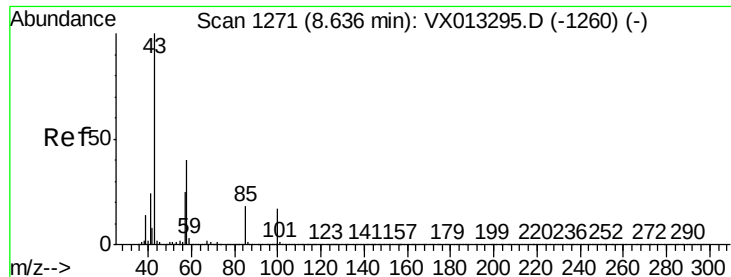
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#50
Toluene-d8
Concen: 49.441 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.2	78.2





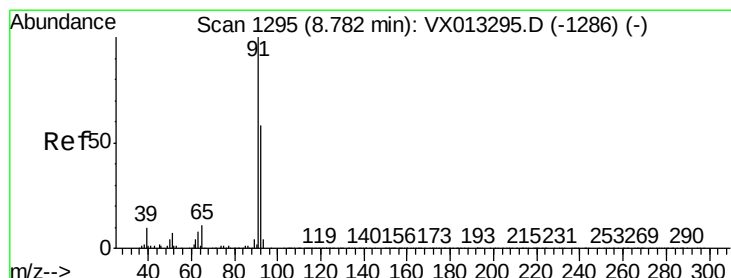
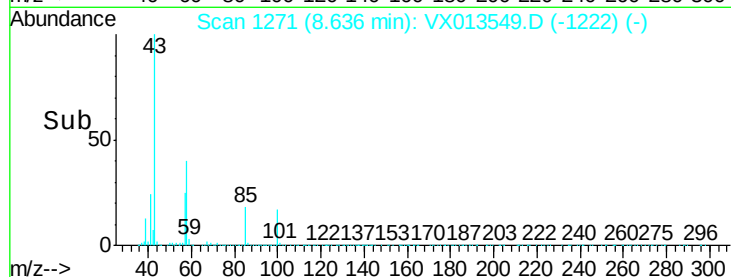
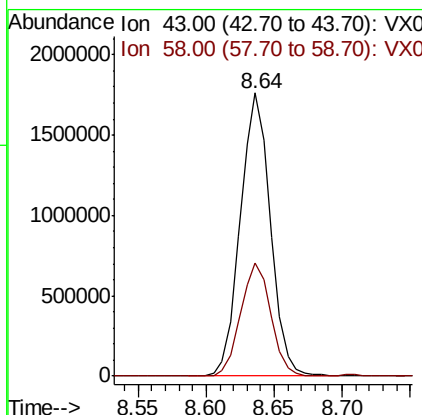
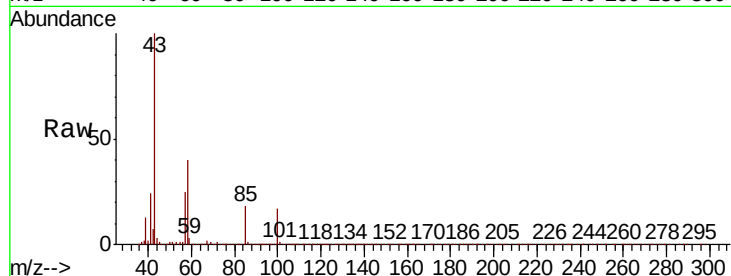
#51
4-Methyl-2-Pentanone
Concen: 260.987 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2718156
Ion Ratio Lower Upper
43 100
58 40.1 31.4 47.0

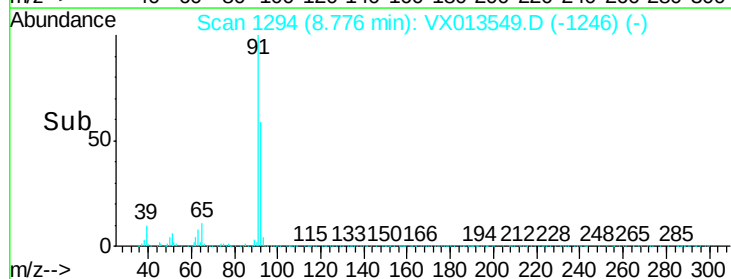
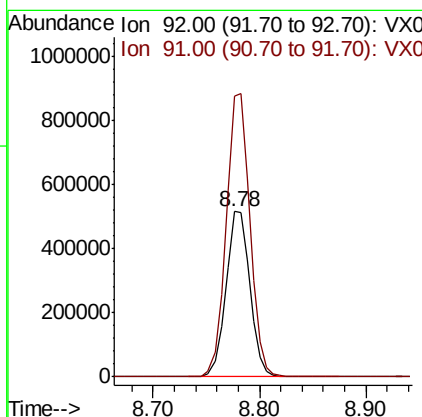
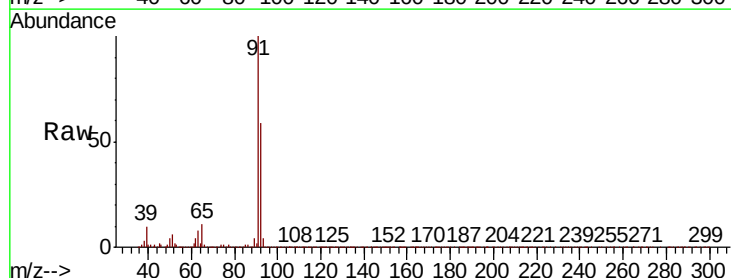
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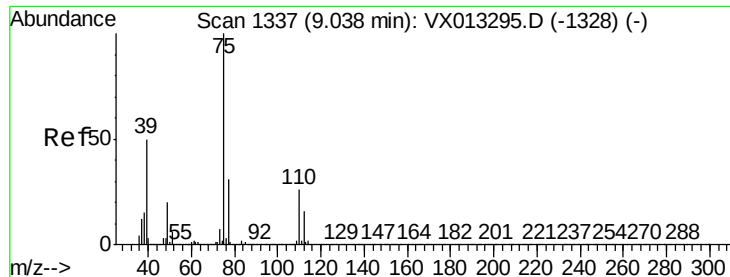
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#52
Toluene
Concen: 50.923 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion: 92 Resp: 811088
Ion Ratio Lower Upper
92 100
91 169.8 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 51.453 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 474323

Ion Ratio Lower Upper

75 100

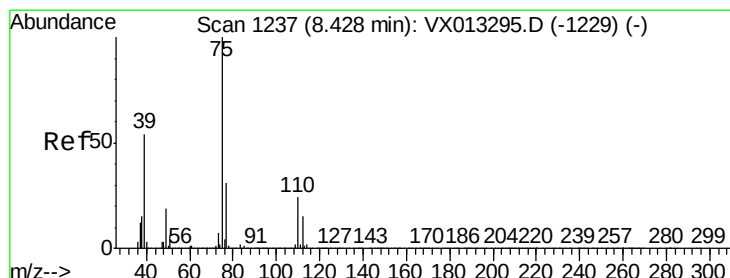
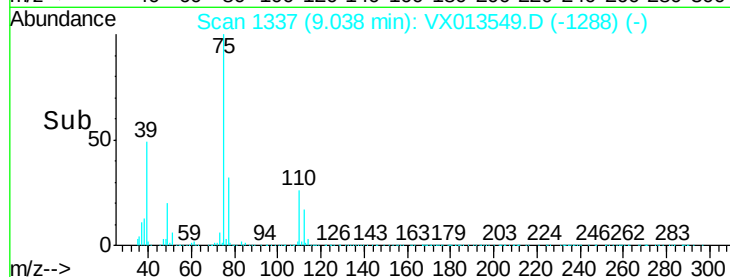
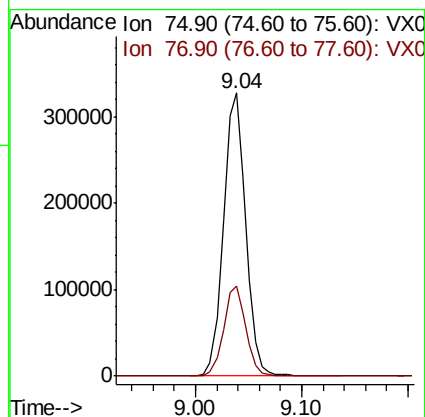
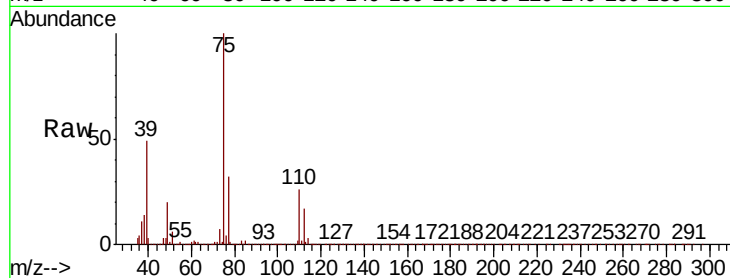
77 31.5 25.0 37.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 50.856 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

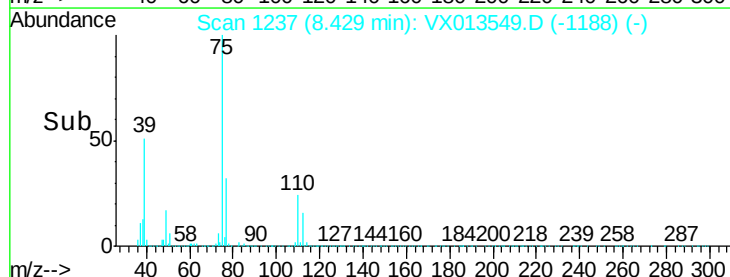
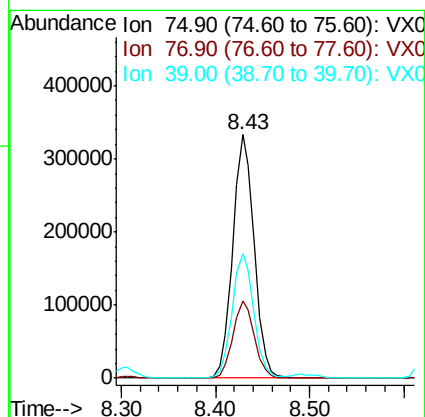
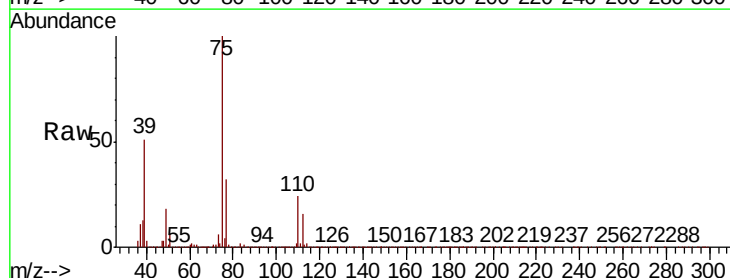
Tgt Ion: 75 Resp: 524433

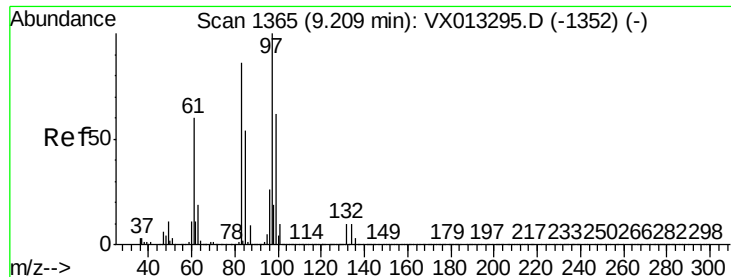
Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1

39 50.9 43.0 64.6





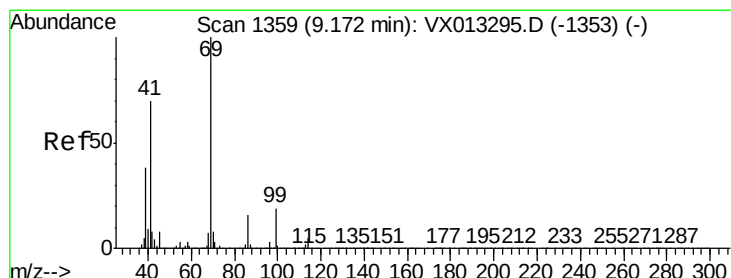
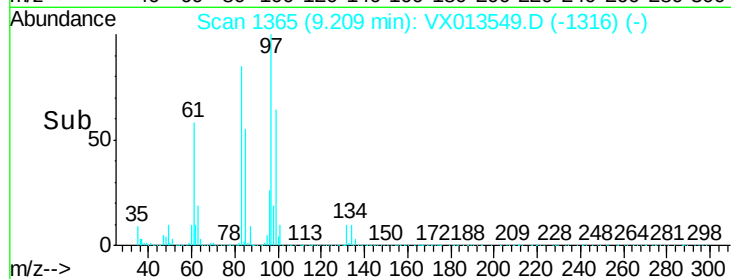
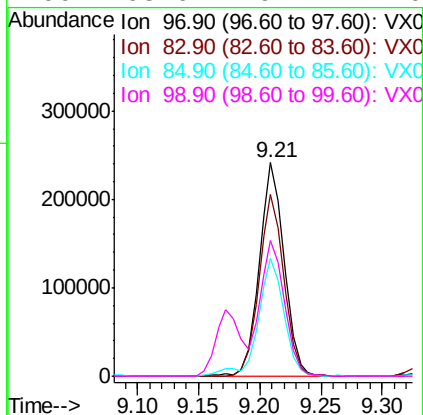
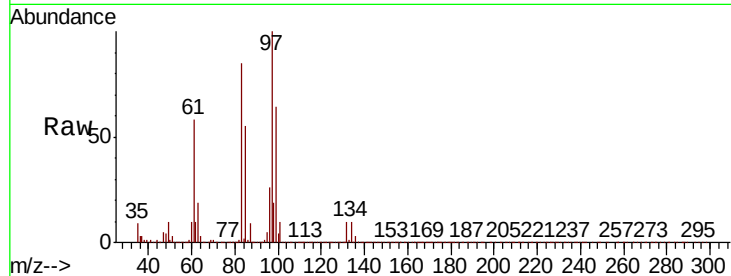
#55
 1,1,2-Trichloroethane
 Concen: 52.139 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013549.D
 Acq: 22 Nov 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	344220
Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.6	103.0
85	55.0	43.1	64.7
99	63.6	49.4	74.0

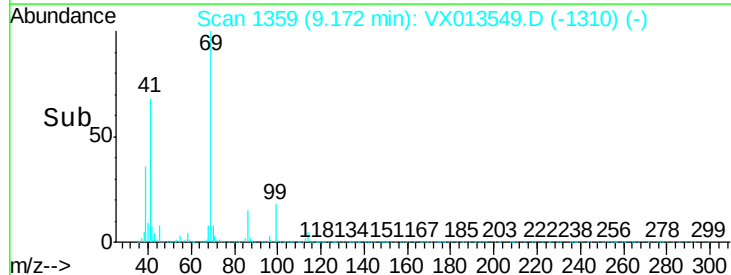
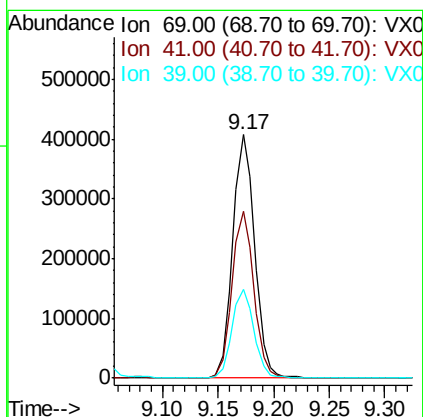
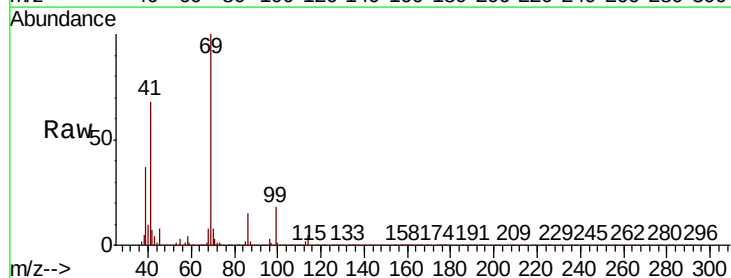
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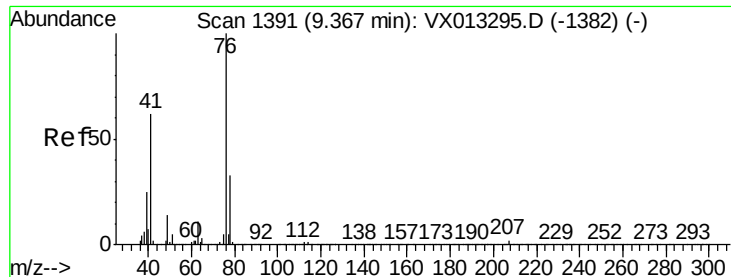
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 11/25/2019 10:39:41 AM



#56
 Ethyl methacrylate
 Concen: 49.322 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013549.D
 Acq: 22 Nov 2019 21:47

Tgt Ion:	69	Resp:	555652
Ion	Ratio	Lower	Upper
69	100		
41	67.9	56.2	84.2
39	36.5	31.1	46.7





#57

1,3-Dichloropropane

Concen: 51.178 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 573552

Ion Ratio Lower Upper

76 100

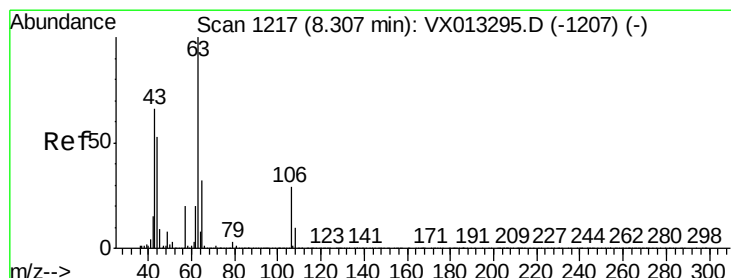
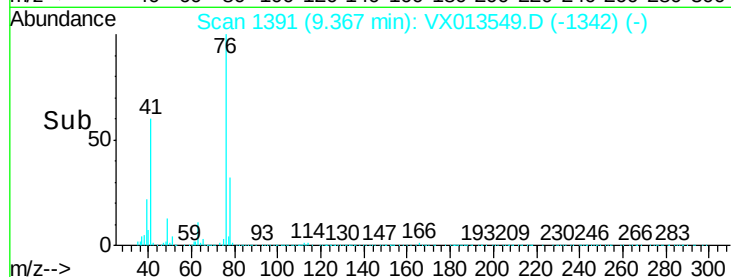
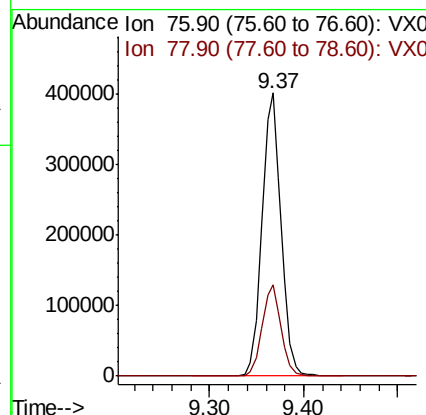
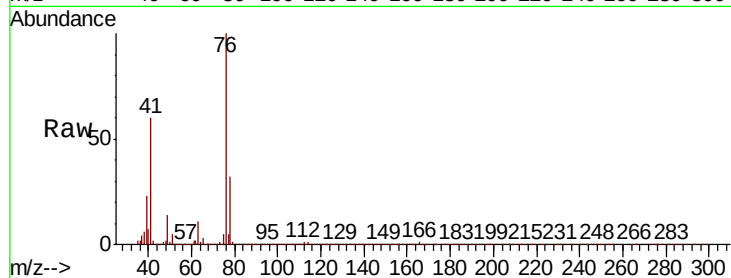
78 31.9 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 238.630 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013549.D

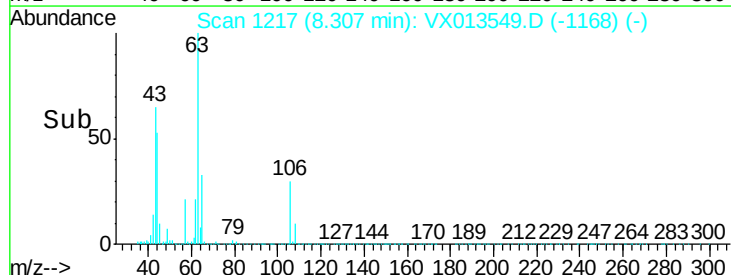
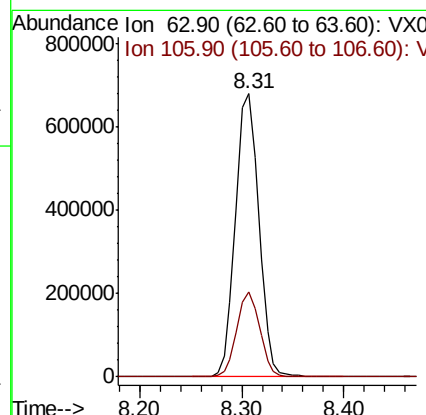
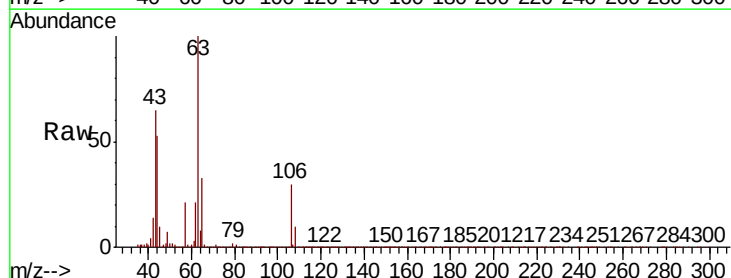
Acq: 22 Nov 2019 21:47

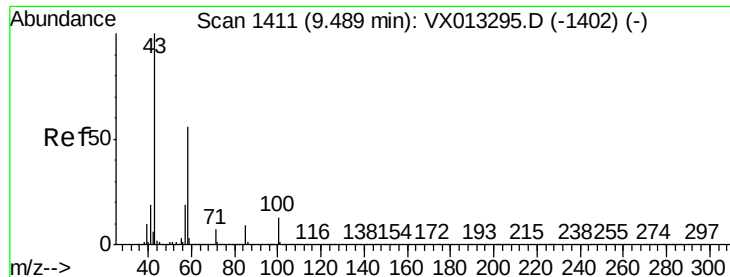
Tgt Ion: 63 Resp: 1077190

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.2





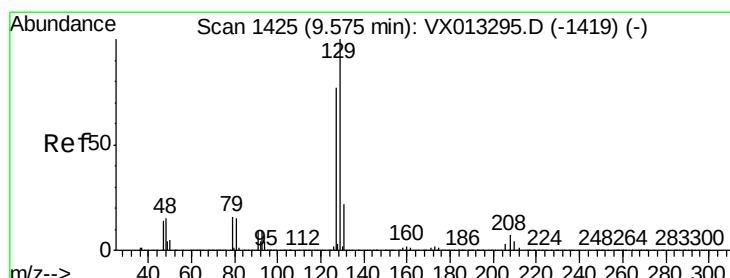
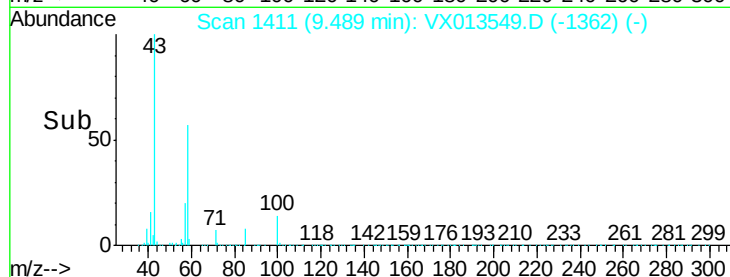
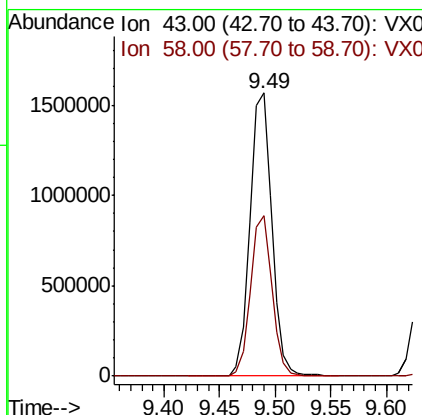
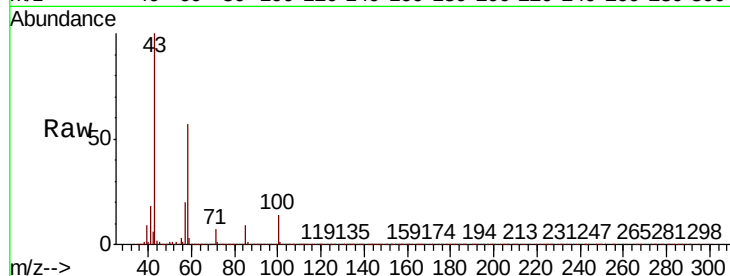
#59
2-Hexanone
Concen: 265.996 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2140842
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8

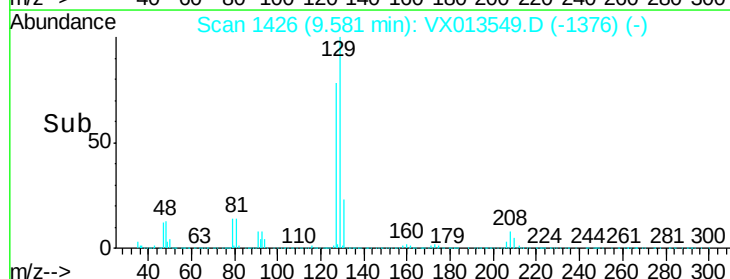
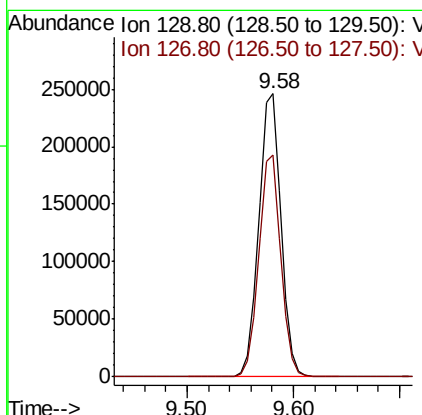
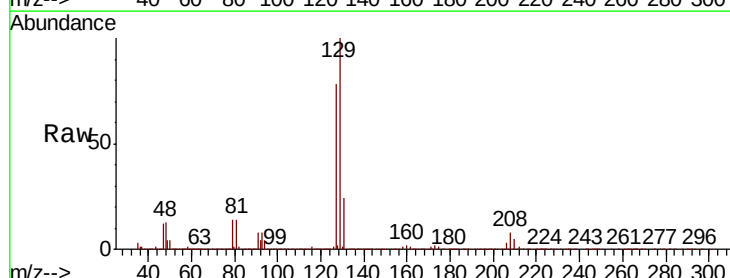
Manual Integrations
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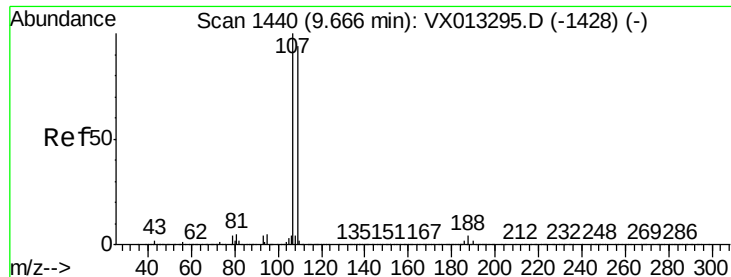
MMDadoda
11/25/2019 10:39:41 AM



#60
Dibromochloromethane
Concen: 53.534 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion: 129 Resp: 361462
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 50.963 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 357270

Ion Ratio Lower Upper

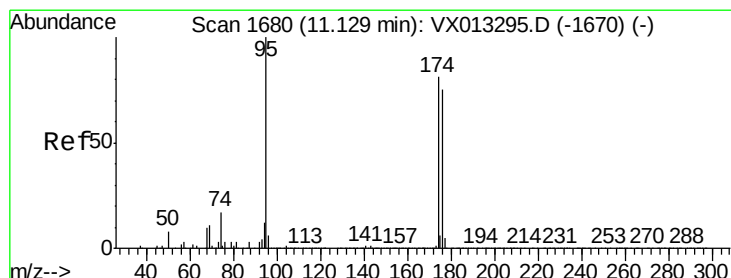
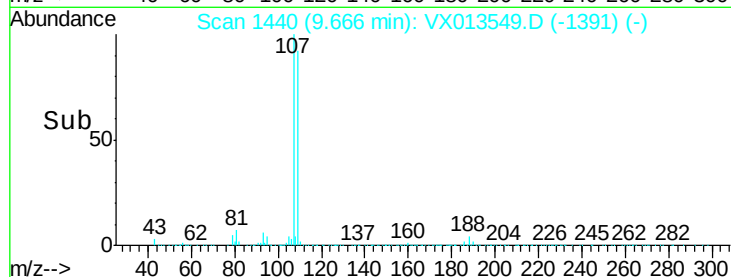
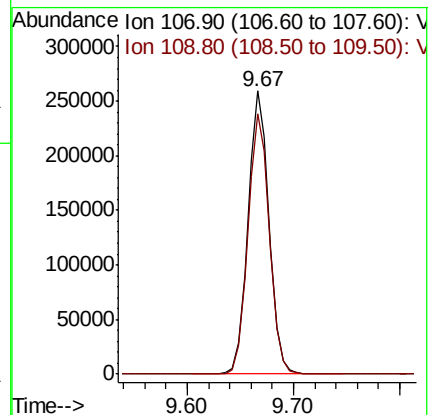
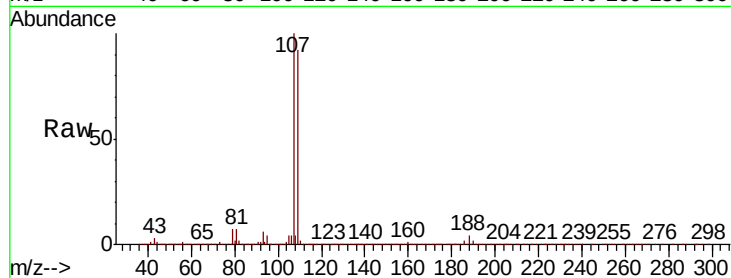
107 100

109 94.2 75.1 112.7

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 50.797 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

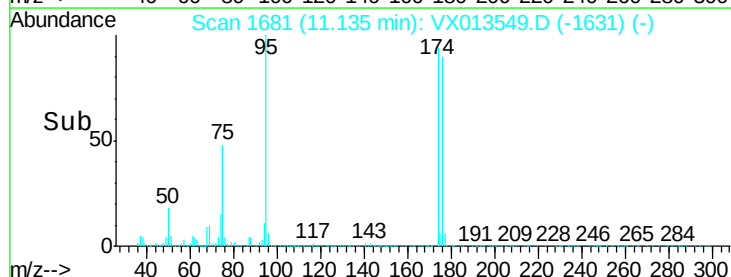
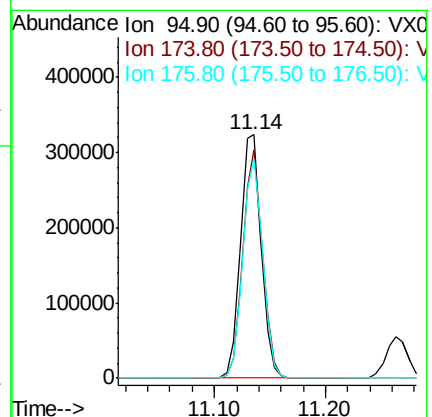
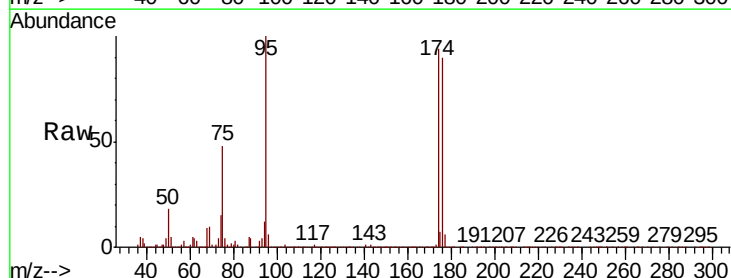
Tgt Ion: 95 Resp: 416878

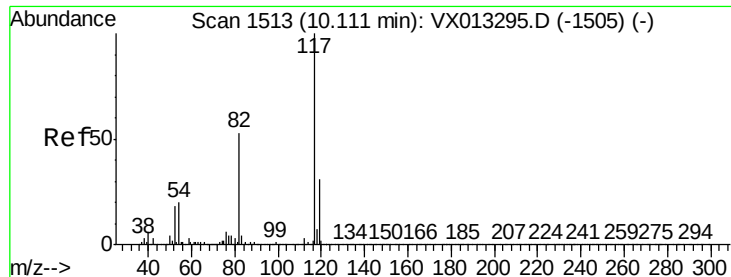
Ion Ratio Lower Upper

95 100

174 88.8 0.0 179.8

176 87.0 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

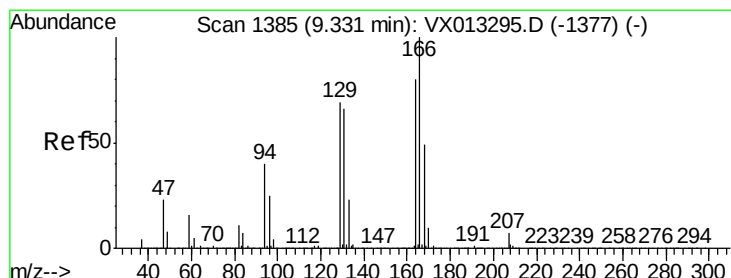
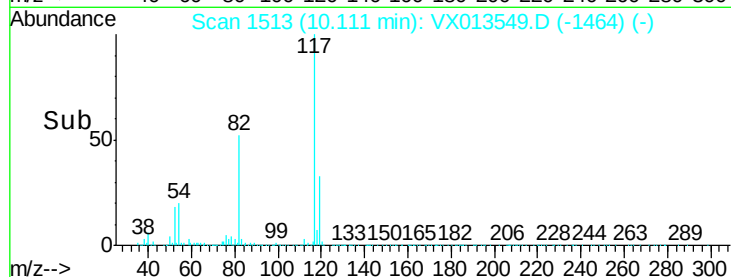
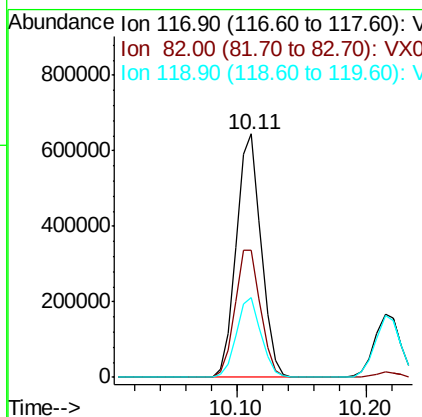
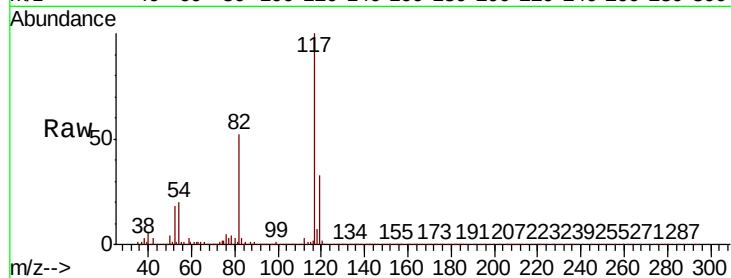
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	864334
Ion Ratio	Lower	Upper	
117	100		
82	52.3	42.6	64.0
119	32.6	24.8	37.2

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#64

Tetrachloroethene

Concen: 84.874 ug/l

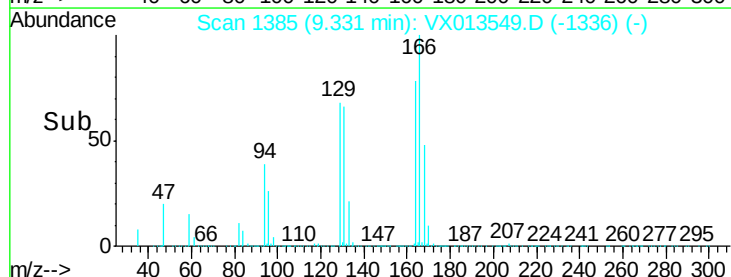
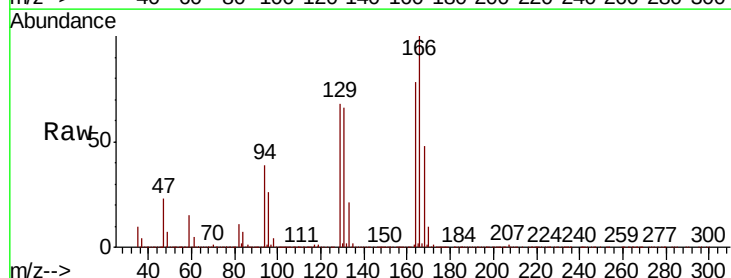
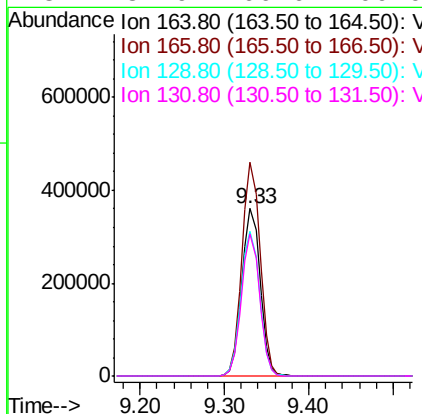
RT: 9.33 min Scan# 1385

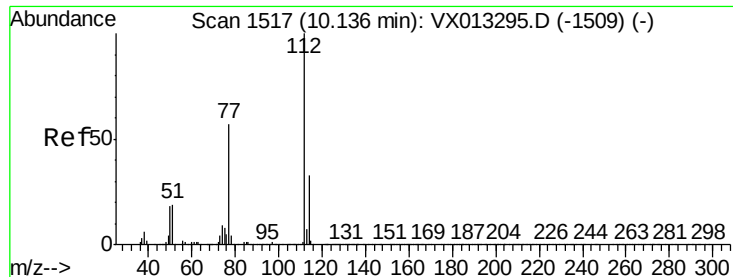
Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Tgt Ion:	164	Resp:	525159
Ion Ratio	Lower	Upper	
164	100		
166	127.7	100.4	150.6
129	86.8	69.4	104.2
131	84.9	66.6	100.0





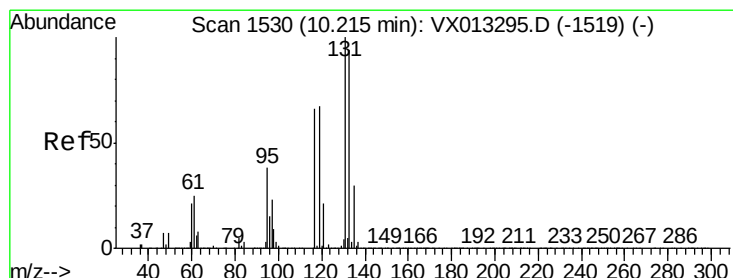
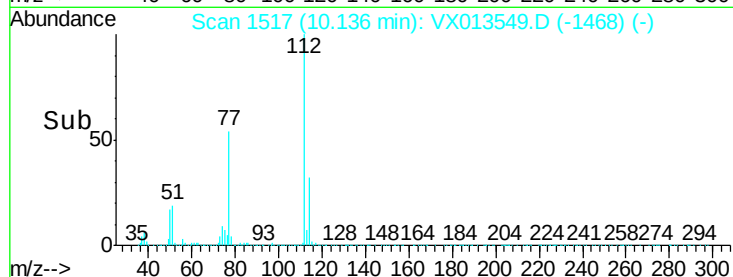
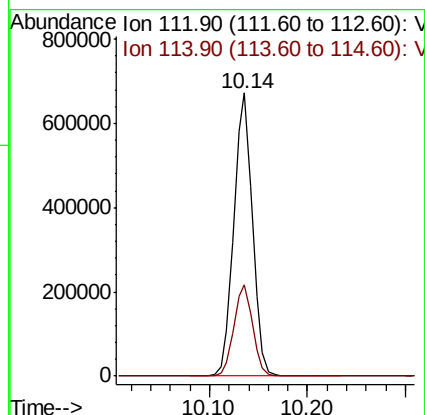
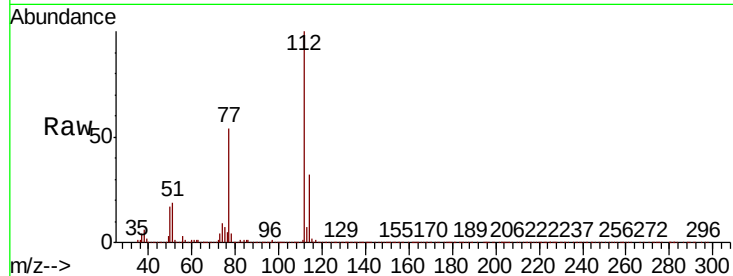
#65
Chlorobenzene
Concen: 50.588 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	885238		
114	32.1	26.4	39.6	

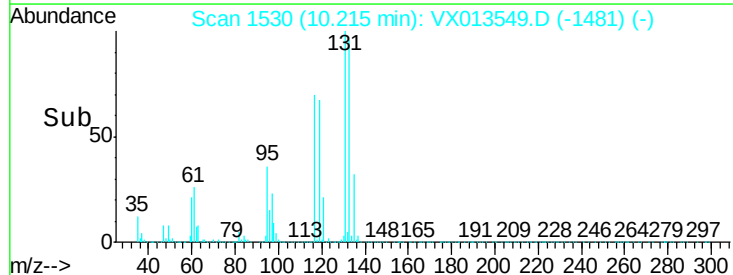
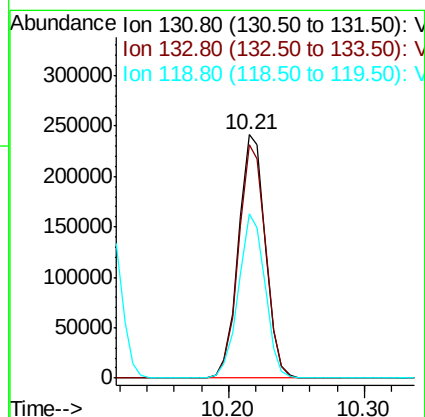
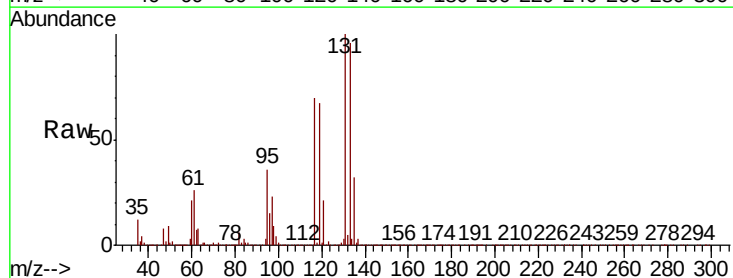
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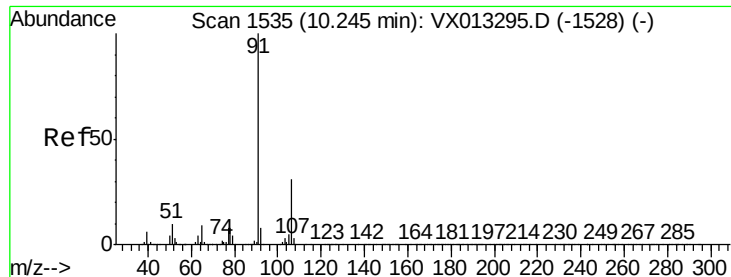
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.549 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	331210		
133	96.2	48.0	144.0	
119	66.2	33.0	99.0	





#67

Ethyl Benzene

Concen: 51.066 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1542258

Ion Ratio Lower Upper

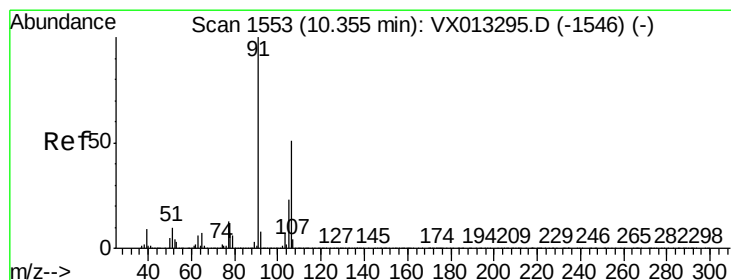
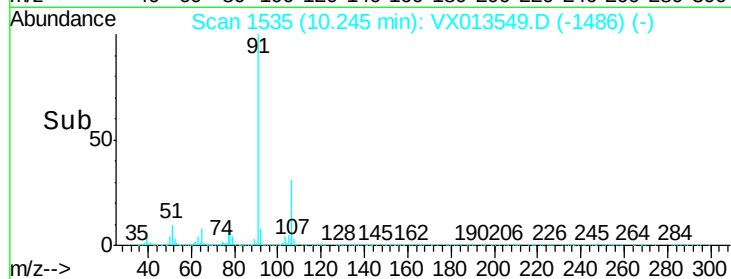
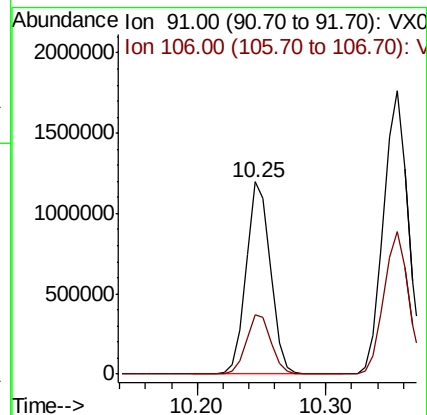
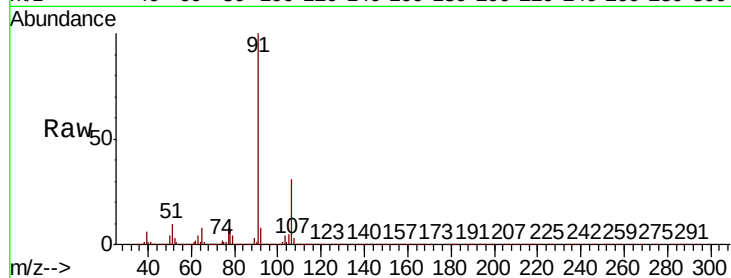
91 100

106 30.7 24.6 36.8

Manual Integrations
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#68

m/p-Xylenes

Concen: 102.822 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013549.D

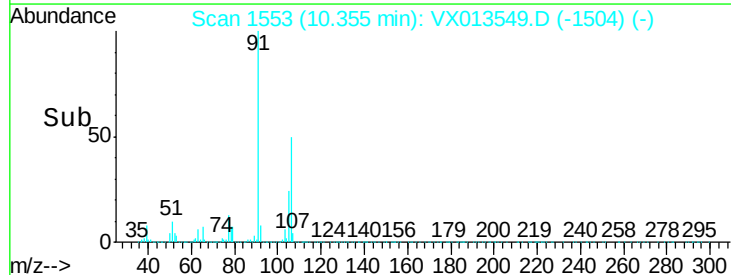
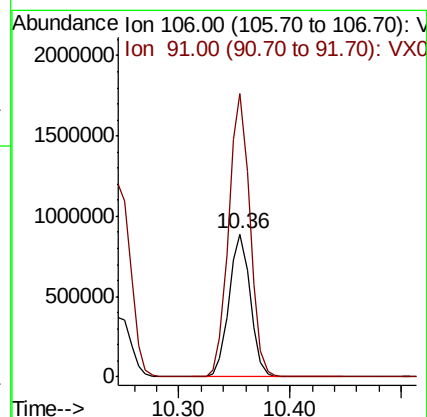
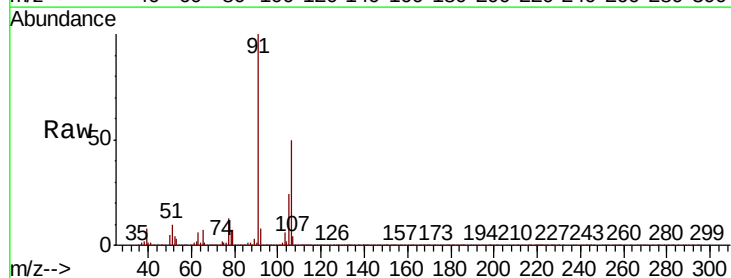
Acq: 22 Nov 2019 21:47

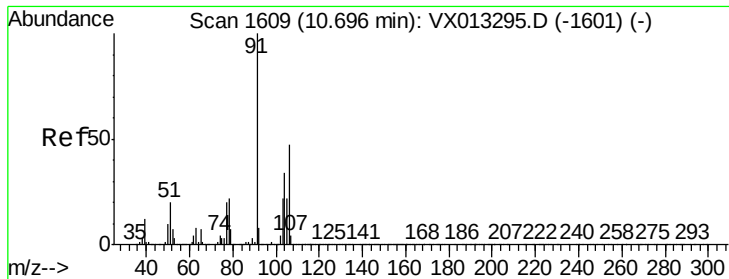
Tgt Ion: 106 Resp: 1174412

Ion Ratio Lower Upper

106 100

91 198.1 159.3 238.9





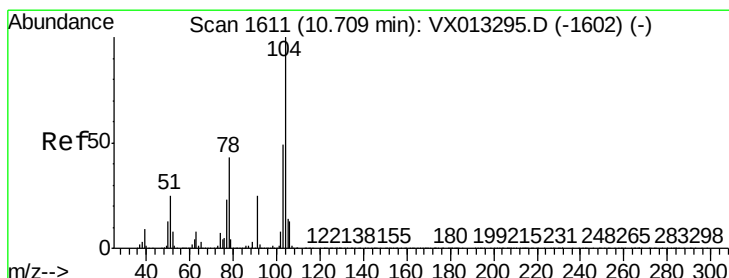
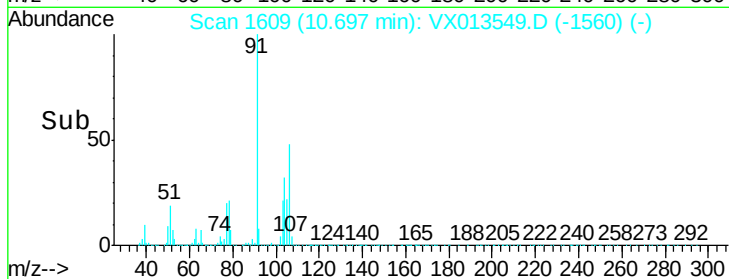
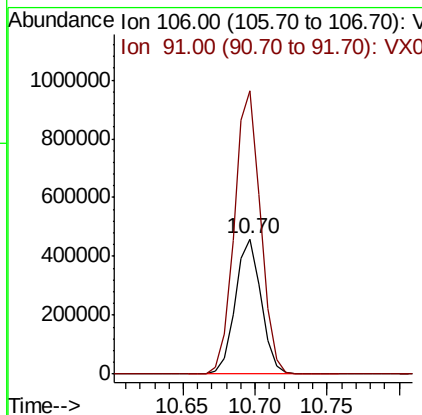
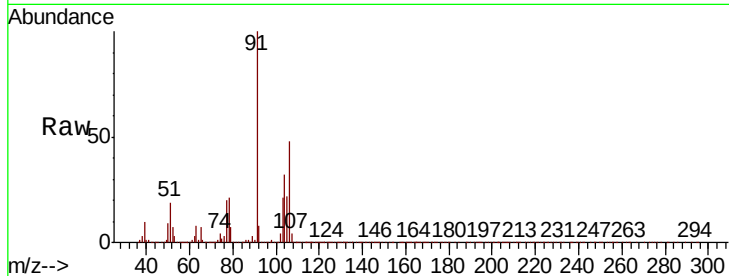
#69
o-Xylene
Concen: 51.570 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.3	105.7	317.0

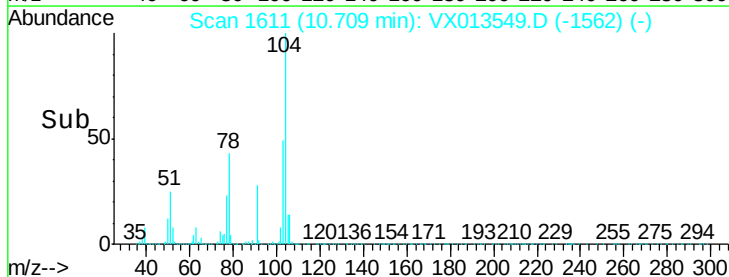
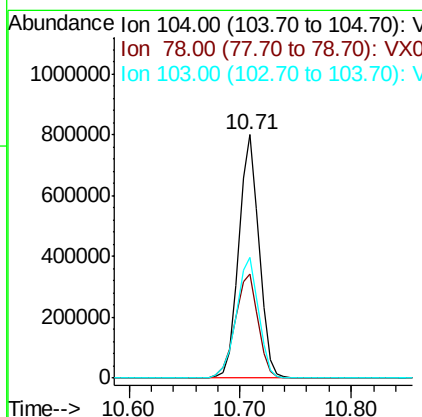
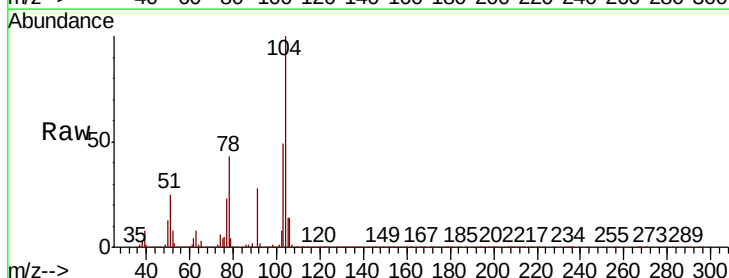
Manual Integrations
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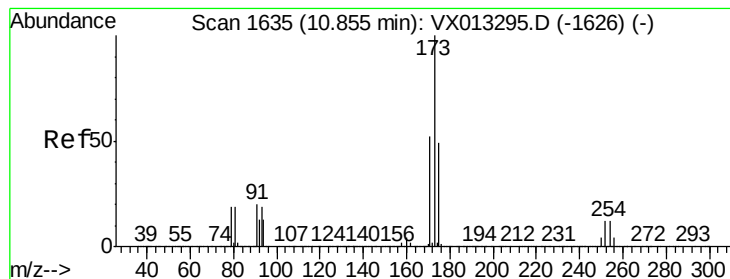
MMDadoda
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#70
Styrene
Concen: 53.824 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	40.0	60.0
103	54.6	44.1	66.1





#71

Bromoform

Concen: 47.250 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 280364

Ion Ratio Lower Upper

173 100

175 49.3 24.8 74.4

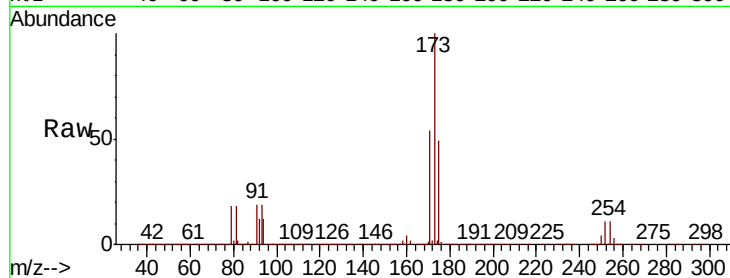
254 0.3 0.2 0.2#

Manual Integrations

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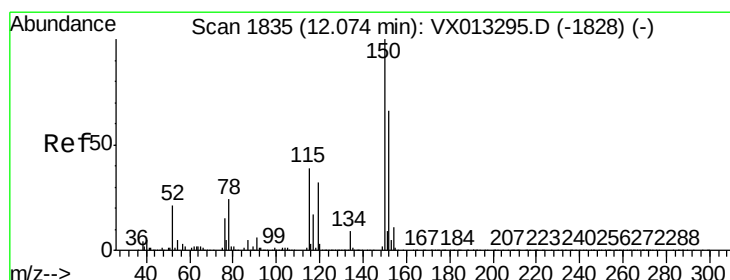
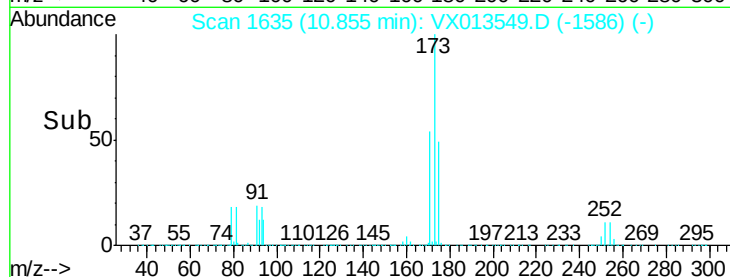
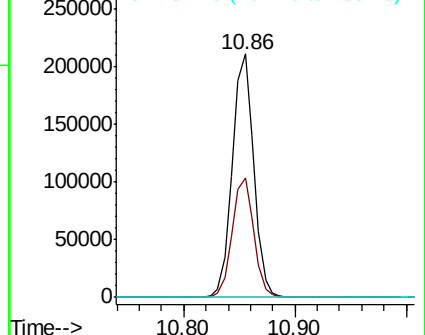
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

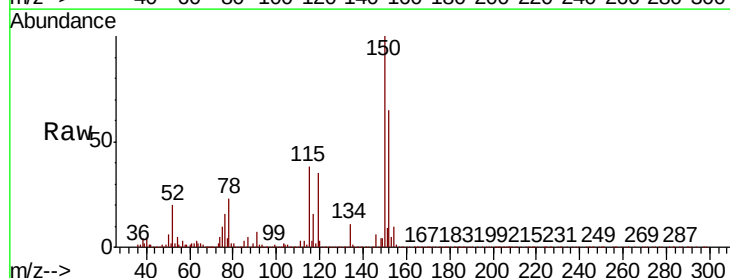
Tgt Ion:152 Resp: 438986

Ion Ratio Lower Upper

152 100

115 78.5 39.5 118.3

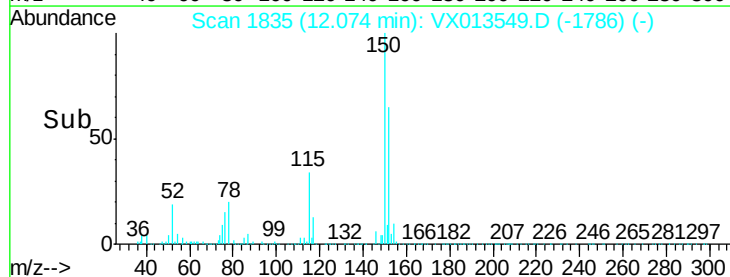
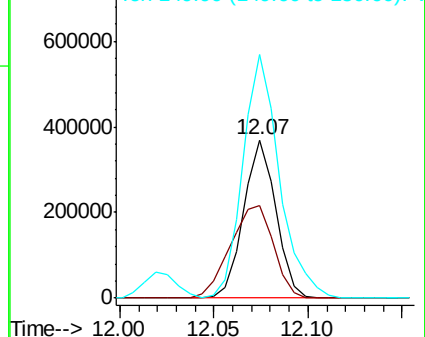
150 173.4 0.0 344.4

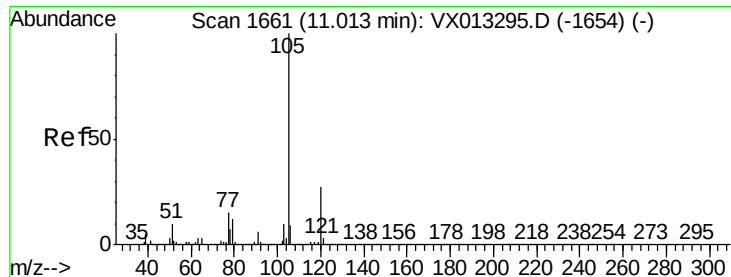


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.964 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1541547

Ion Ratio Lower Upper

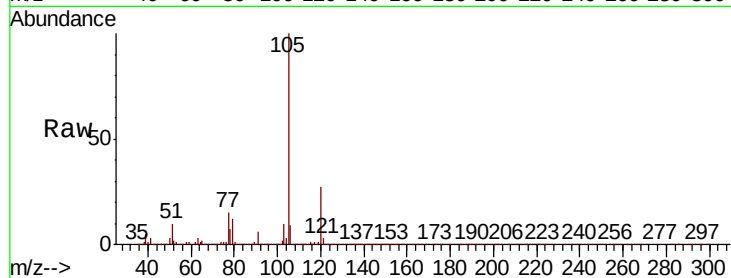
105 100

120 27.0 13.5 40.5

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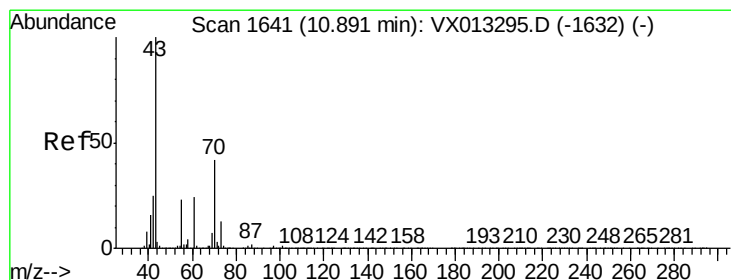
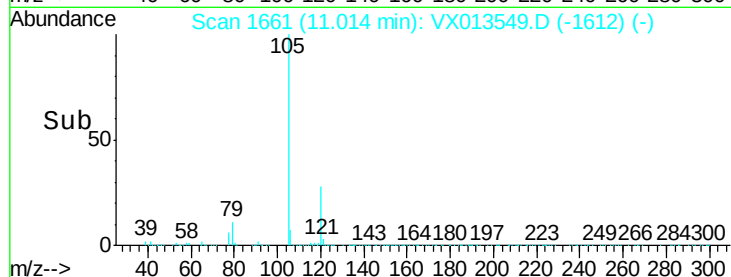
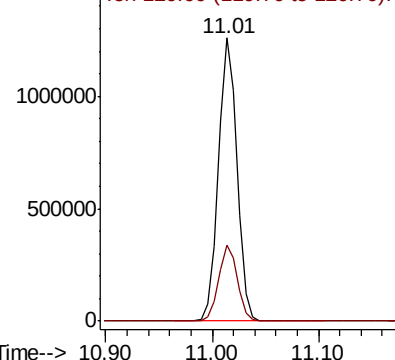
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.993 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Tgt Ion: 43 Resp: 742227

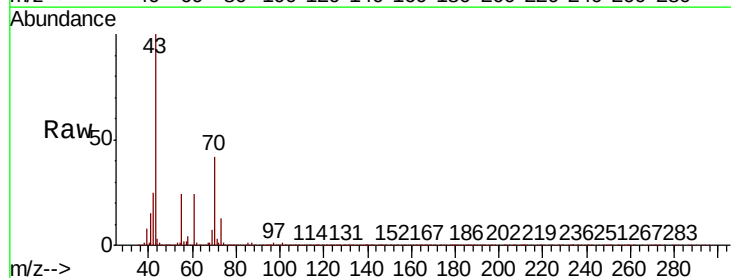
Ion Ratio Lower Upper

43 100

70 43.4 34.1 51.1

55 23.9 18.9 28.3

61 24.5 19.2 28.8

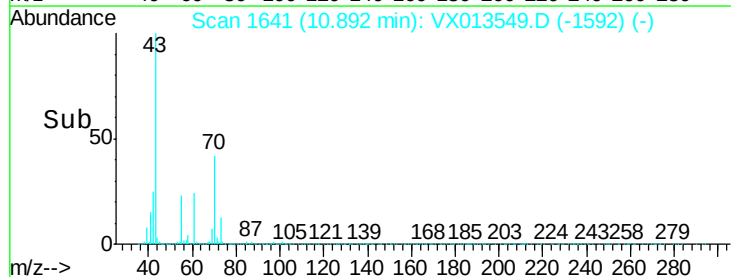
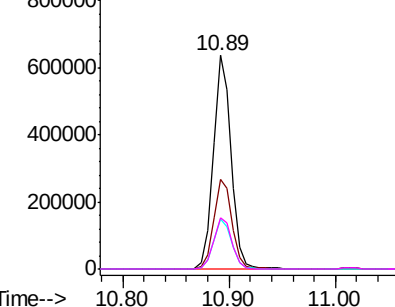


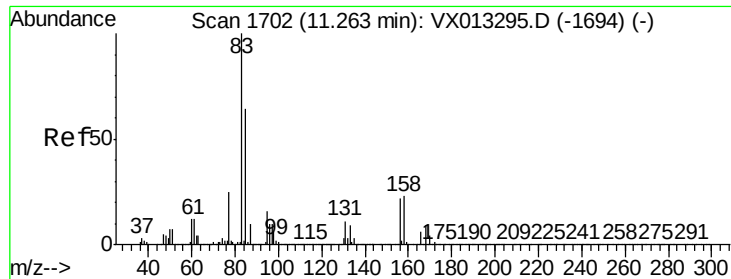
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.615 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

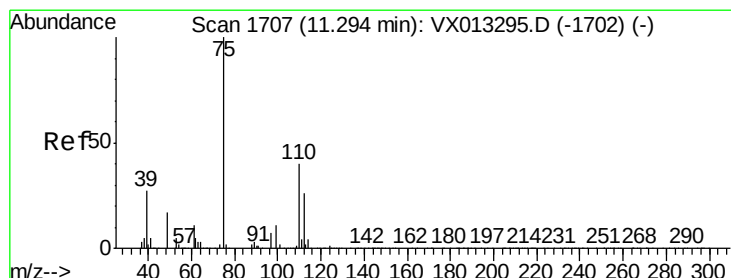
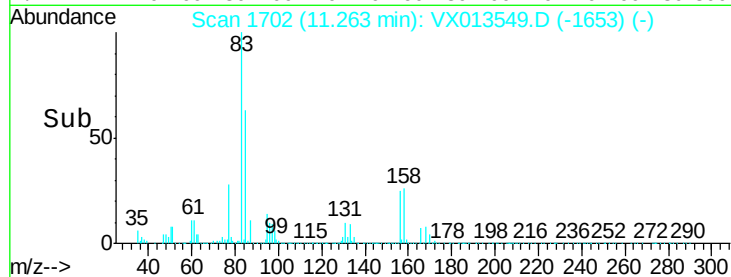
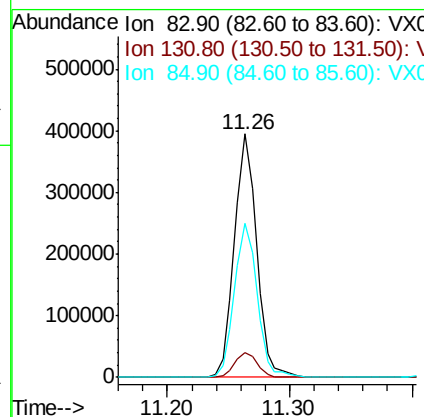
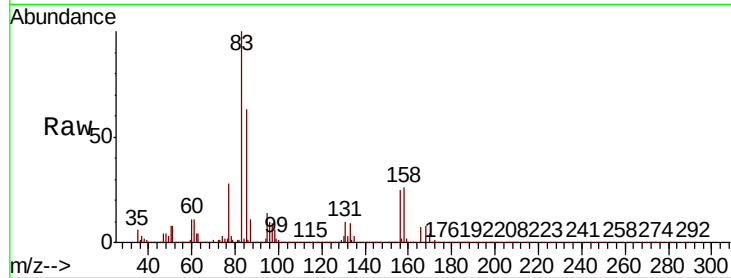
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	494965
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	64.8	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 49.547 ug/l m

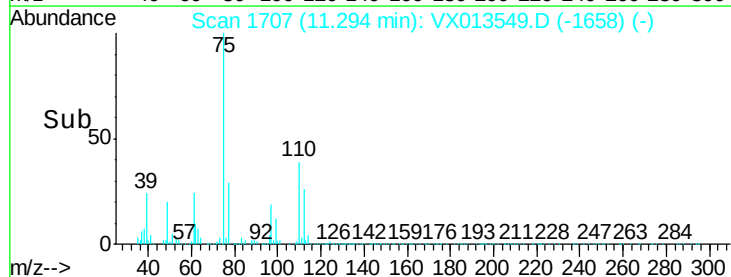
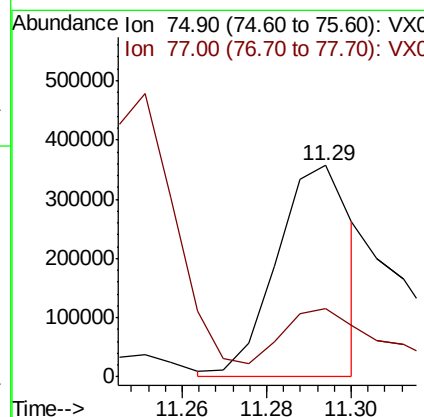
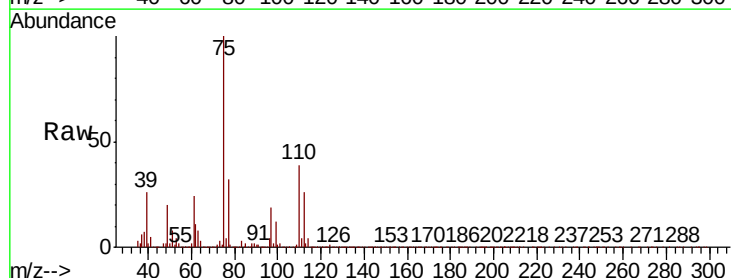
RT: 11.29 min Scan# 1707

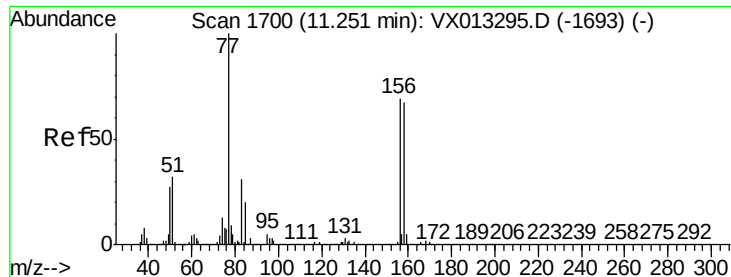
Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Tgt Ion:	75	Resp:	441784
Ion Ratio	Lower	Upper	
75	100		
77	44.0	22.3	66.8





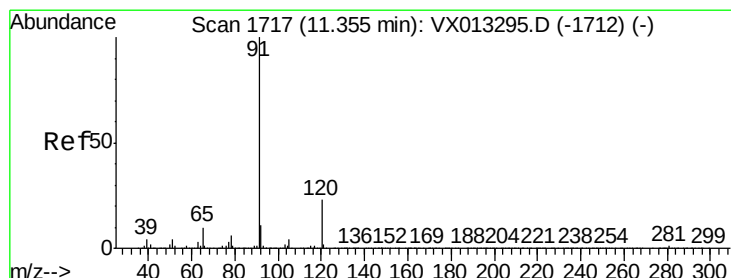
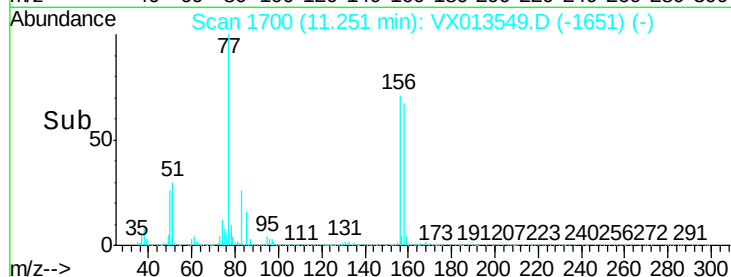
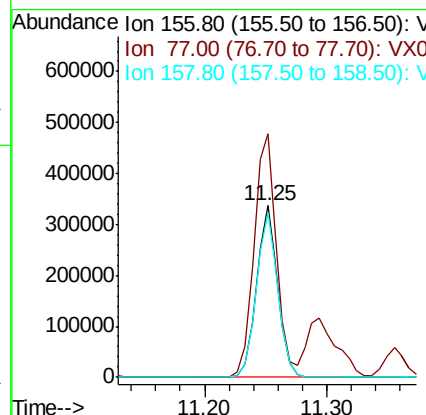
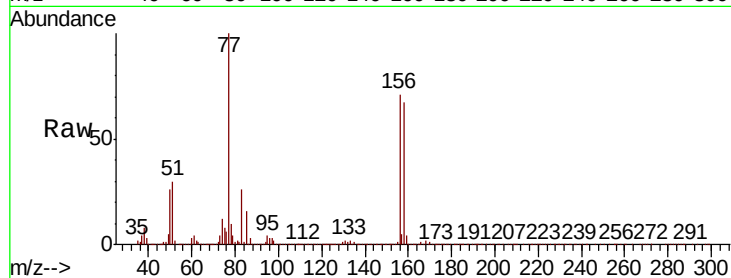
#77
Bromobenzene
Concen: 52.221 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		405190		
77	150.1		75.8	227.4	
158	97.0		47.6	142.8	

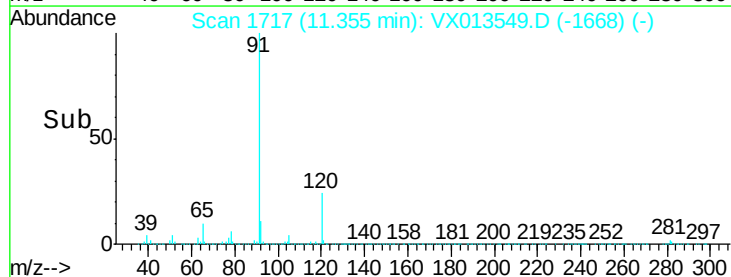
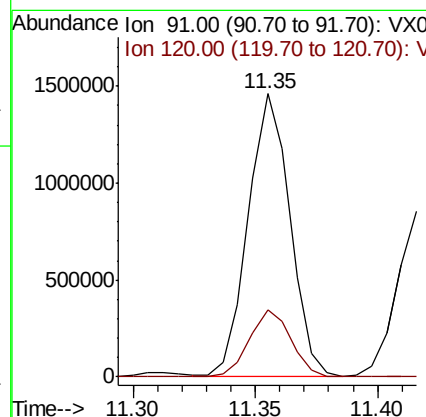
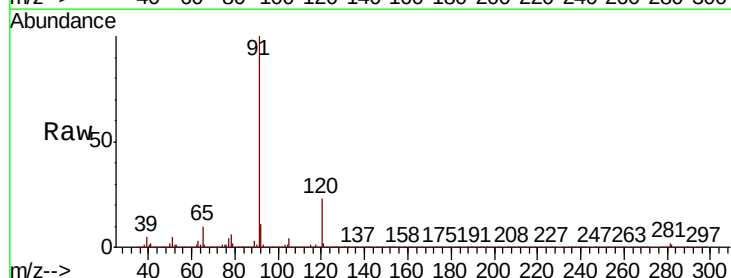
Manual Integrations
APPROVED

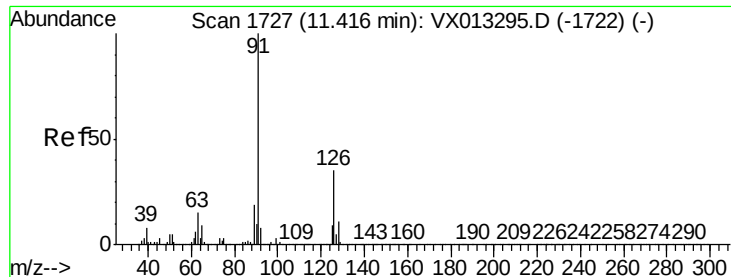
MMDadoda
11/25/2019 10:39:41 AM



#78
n-propylbenzene
Concen: 53.503 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1734667		
120	23.5		11.6	34.8	





#79

2-Chlorotoluene

Concen: 52.635 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1028167

Ion Ratio Lower Upper

91 100

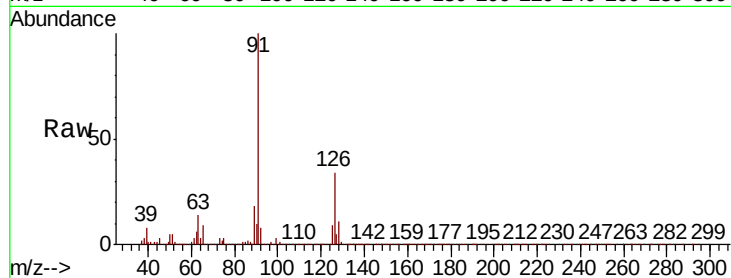
126 35.1 17.3 52.0

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

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

1500000

1000000

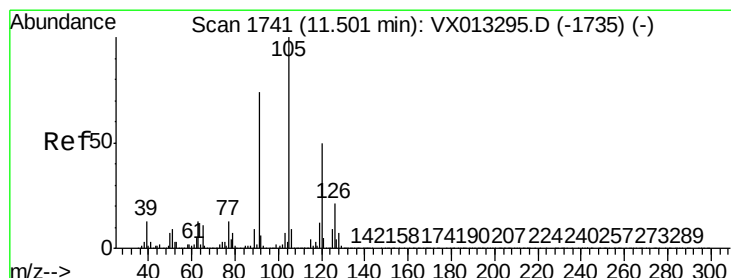
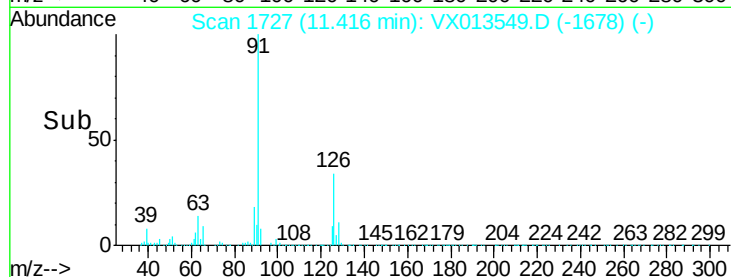
500000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.107 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013549.D

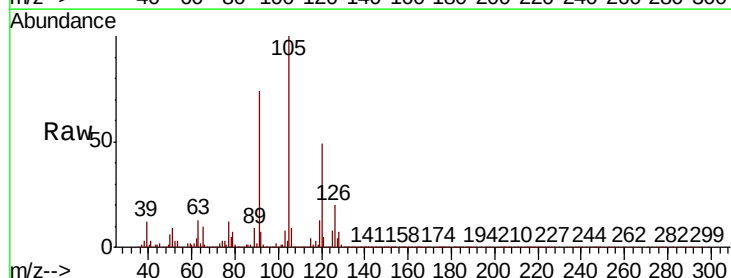
Acq: 22 Nov 2019 21:47

Tgt Ion: 105 Resp: 1287481

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.8



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

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

1200000

1000000

800000

600000

400000

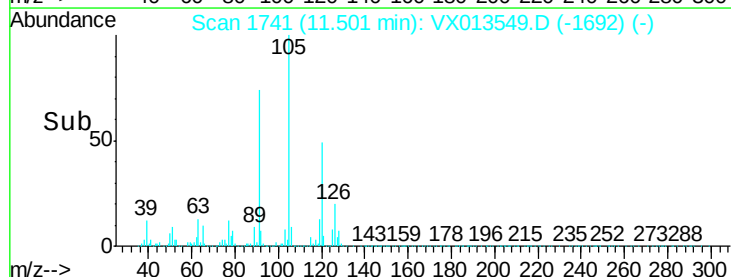
200000

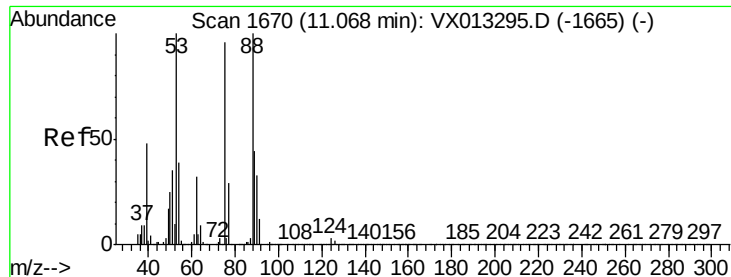
0

11.50

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.041 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

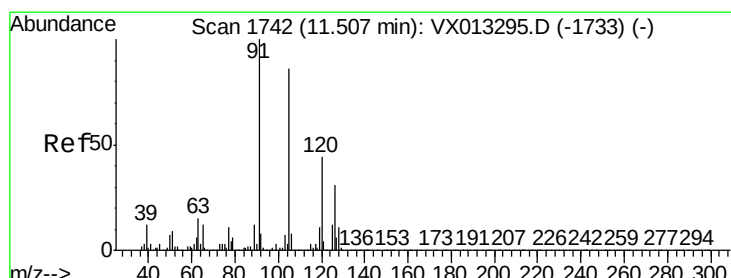
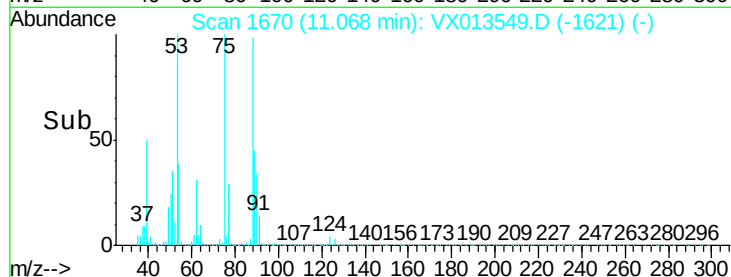
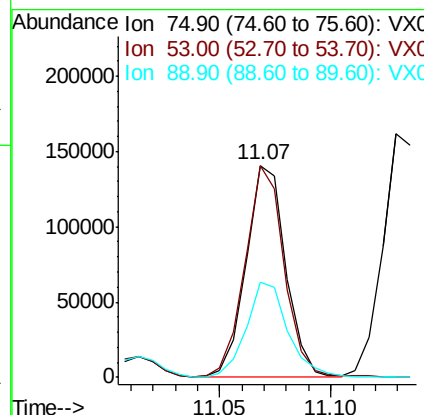
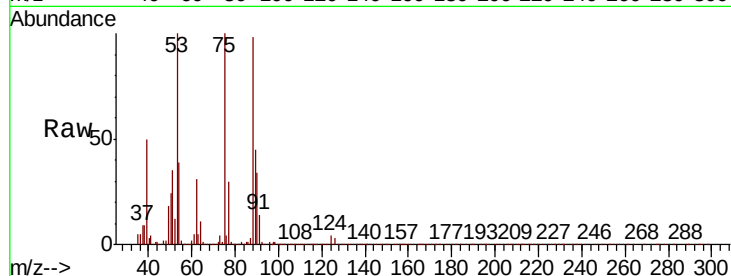
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	173344
Ion	Ratio	Lower	Upper
75	100		
53	98.8	81.0	121.6
89	48.1	36.0	54.0

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#82

4-Chlorotoluene

Concen: 52.079 ug/l

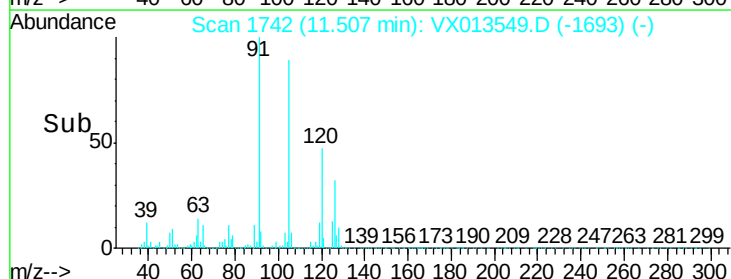
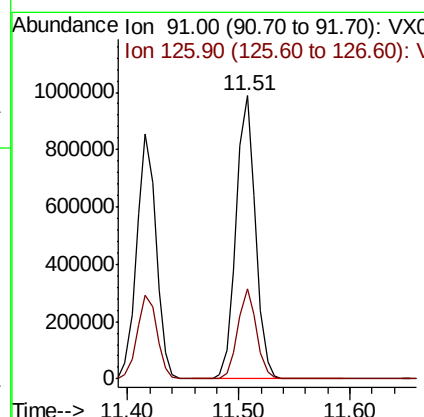
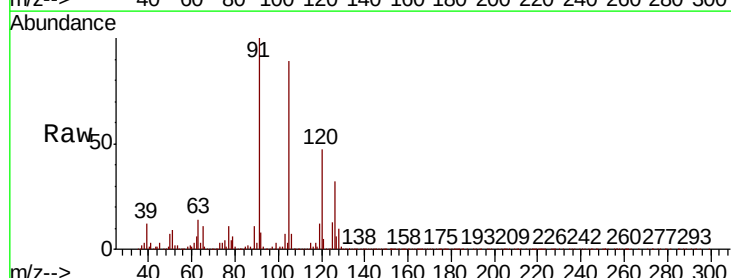
RT: 11.51 min Scan# 1742

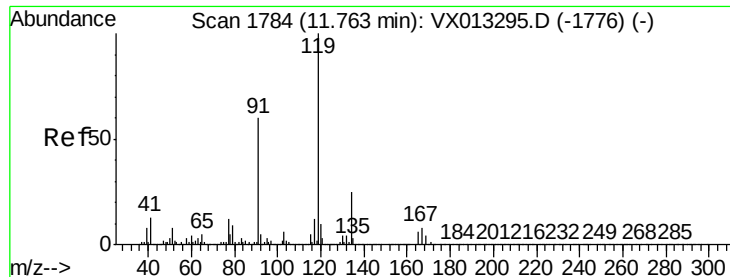
Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Tgt Ion:	91	Resp:	1190855
Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.3	45.8





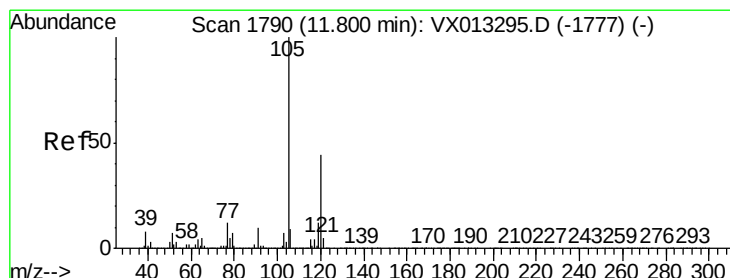
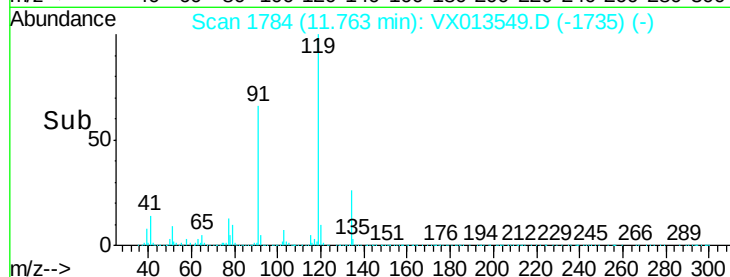
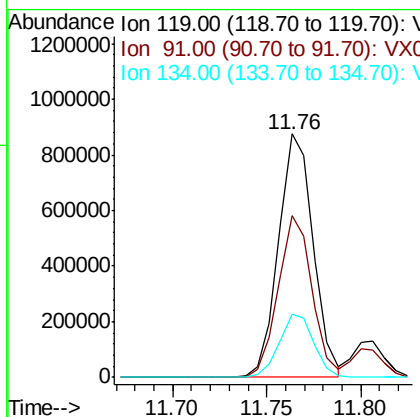
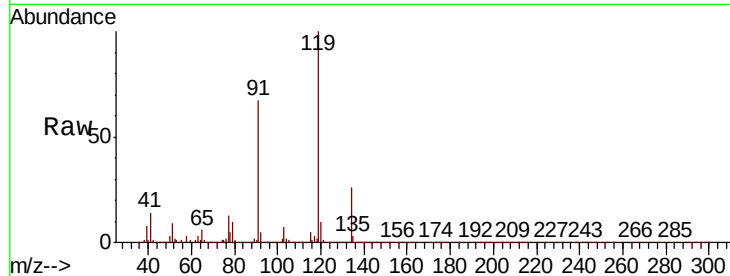
#83
tert-Butylbenzene
Concen: 45.583 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.2	26.9	80.7
134	25.8	11.7	35.1

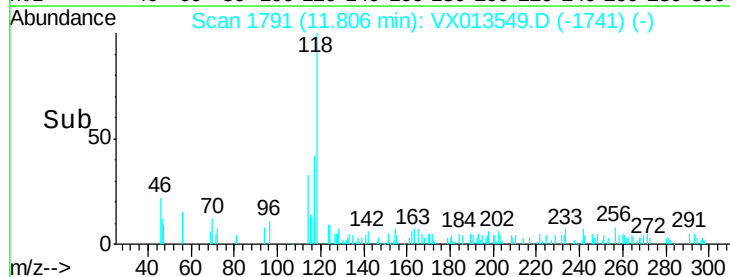
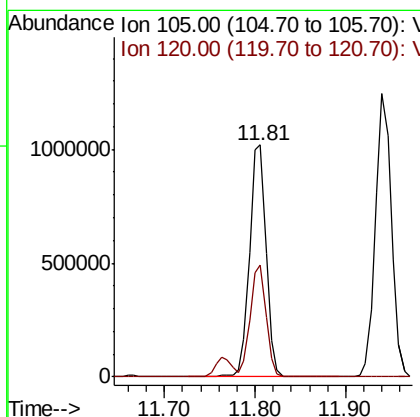
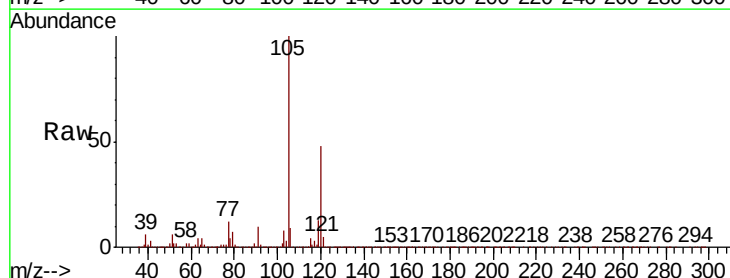
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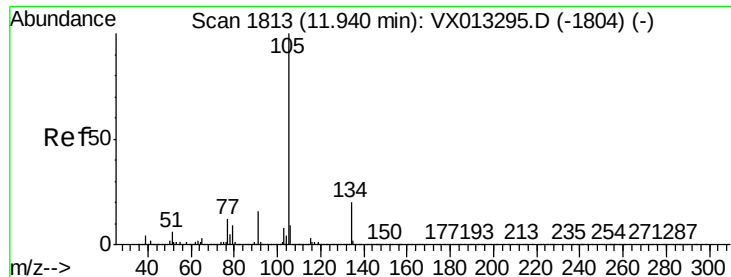
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#84
1,2,4-Trimethylbenzene
Concen: 52.999 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.7	68.1





#85

sec-Butylbenzene

Concen: 54.309 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1523238

Ion Ratio Lower Upper

105 100

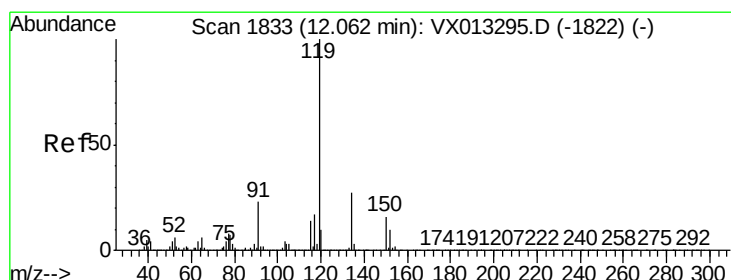
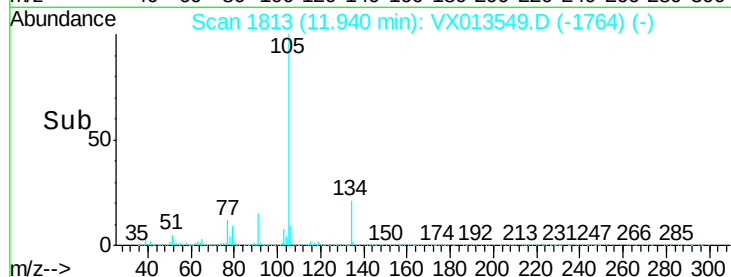
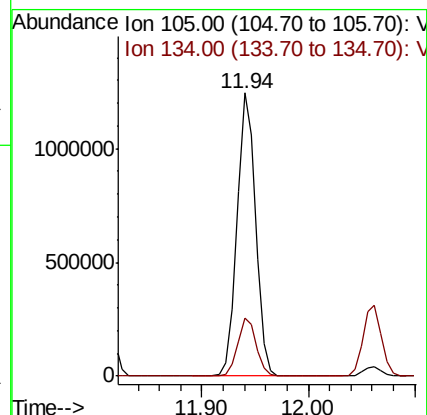
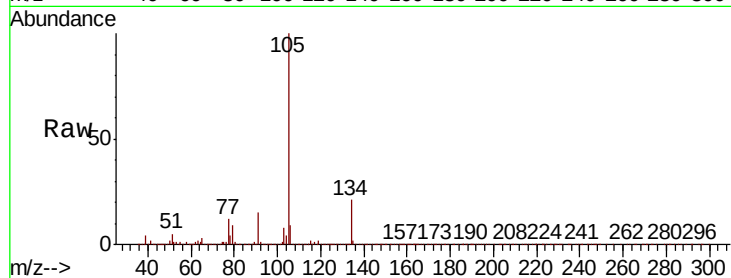
134 20.6 10.3 30.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 53.854 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

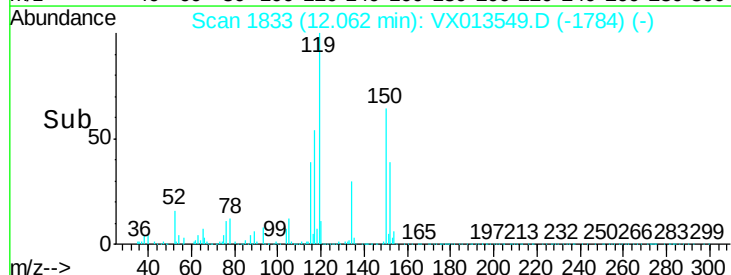
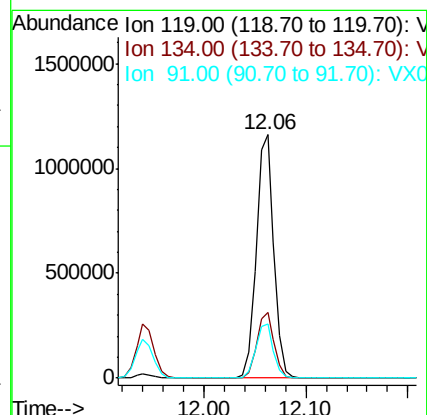
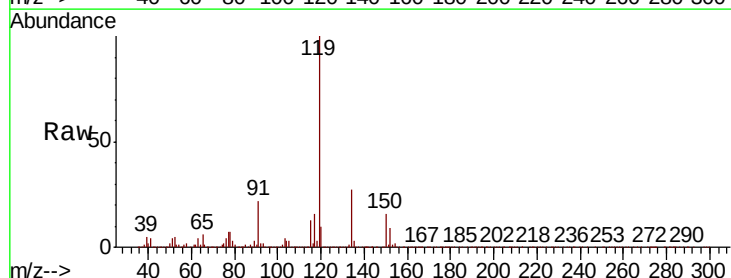
Tgt Ion:119 Resp: 1390893

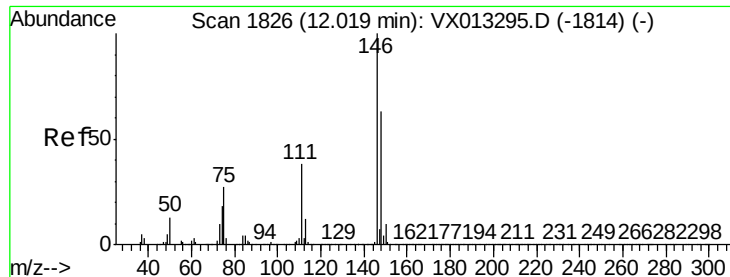
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.5 11.5 34.4





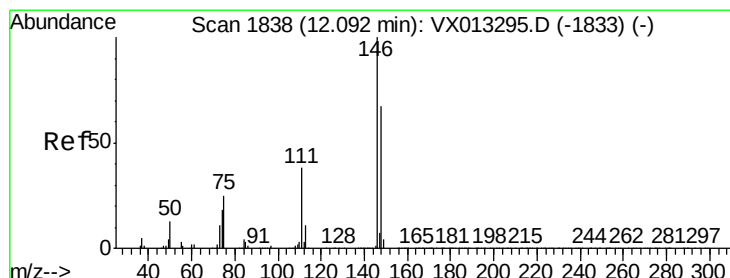
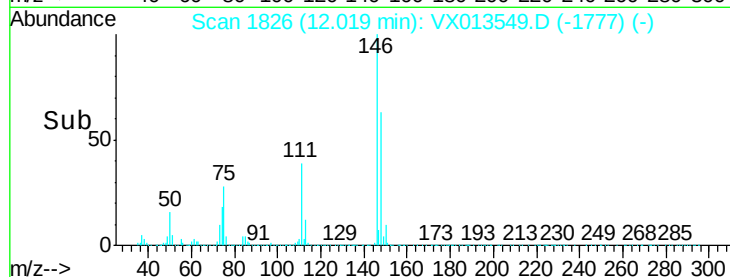
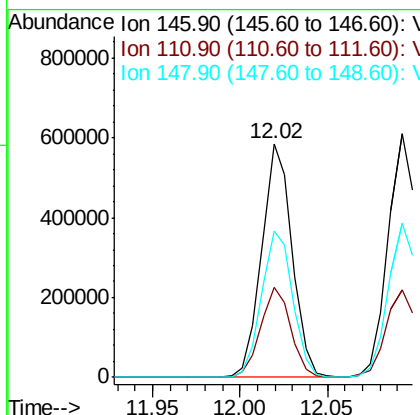
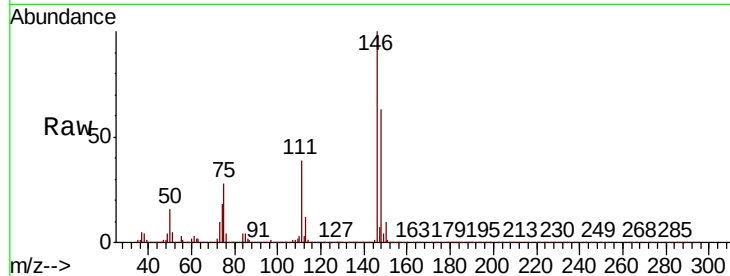
#87
 1,3-Dichlorobenzene
 Concen: 51.560 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013549.D
 Acq: 22 Nov 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.5
148	64.8	31.9	95.7

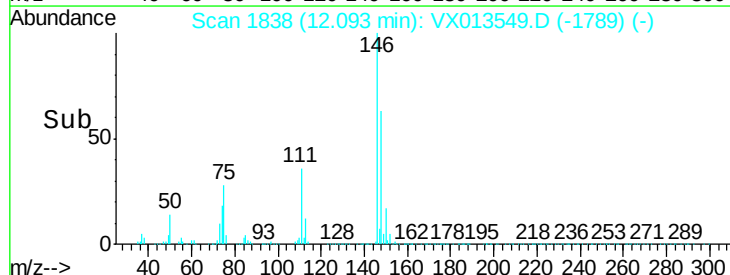
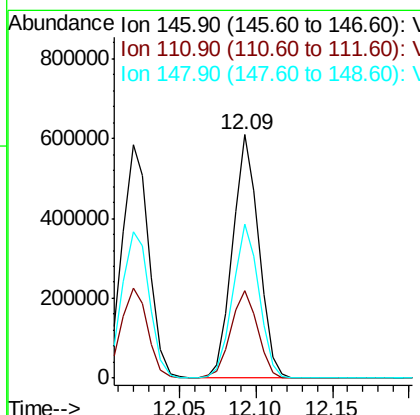
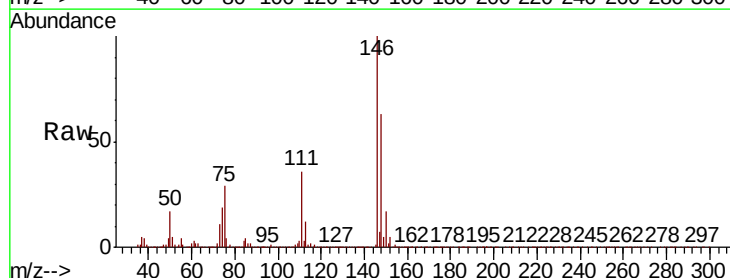
Manual Integrations
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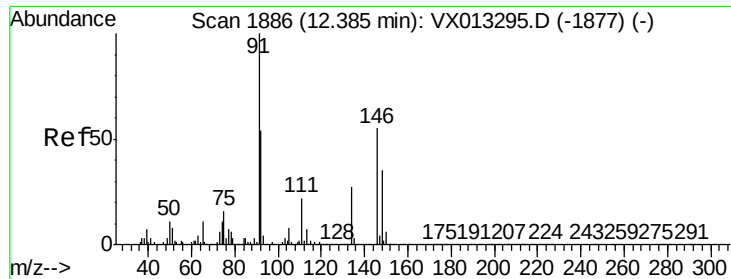
MMDadoda
 11/25/2019 10:39:41 AM



#88
 1,4-Dichlorobenzene
 Concen: 51.081 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013549.D
 Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.4
148	63.7	32.4	97.0





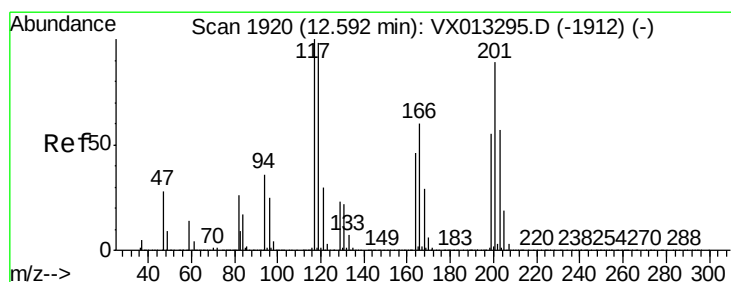
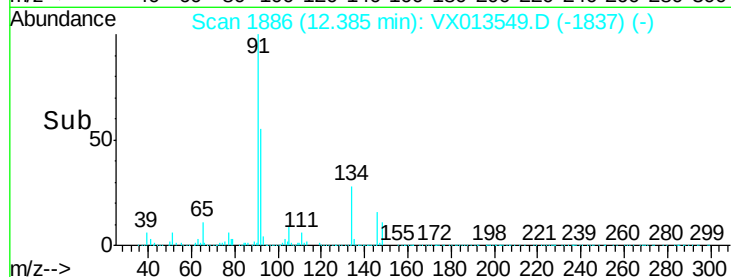
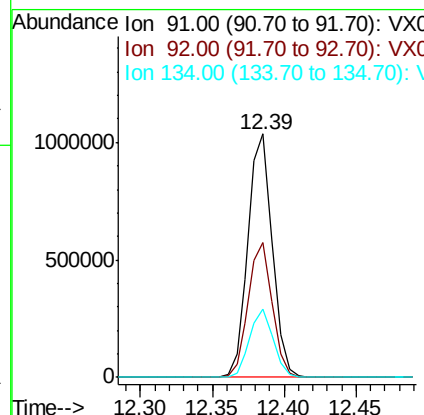
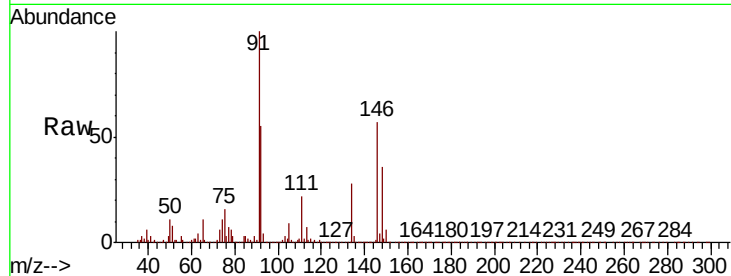
#89
n-Butylbenzene
Concen: 53.573 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.3	81.8
134	27.3	13.5	40.5

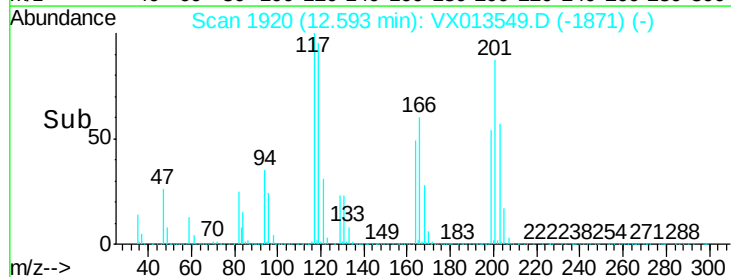
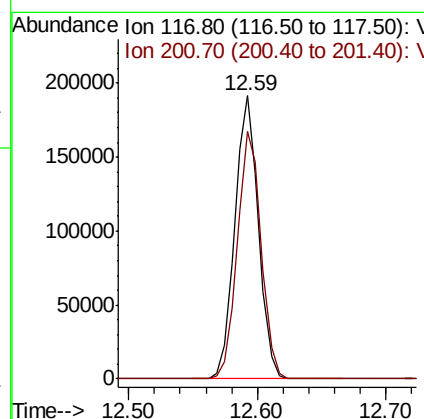
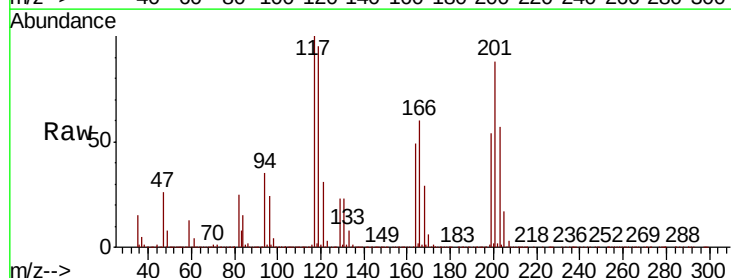
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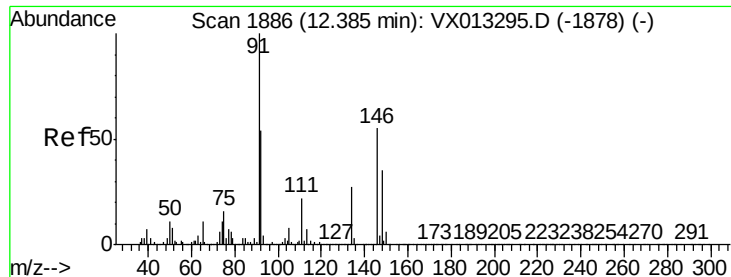
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#90
Hexachloroethane
Concen: 53.109 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013549.D
Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.2	43.9	131.7





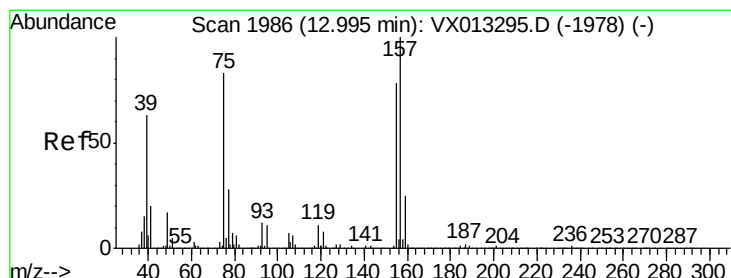
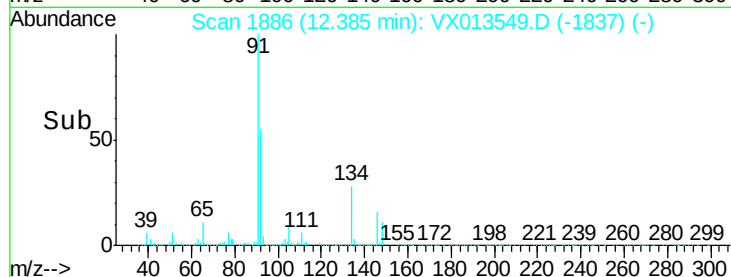
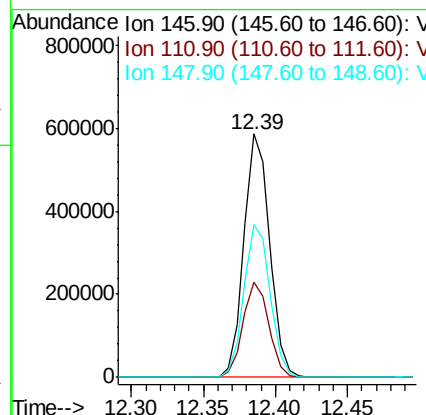
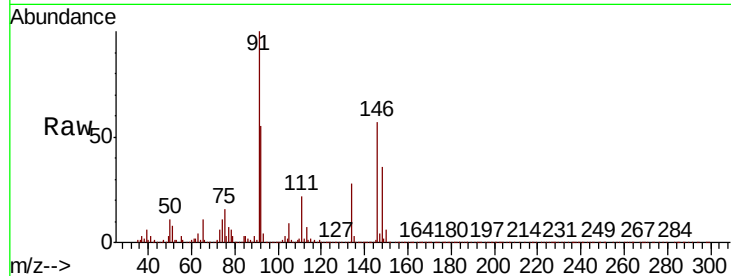
#91
 1,2-Dichlorobenzene
 Concen: 52.707 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013549.D
 Acq: 22 Nov 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.1	60.2
148	64.0	32.0	96.0

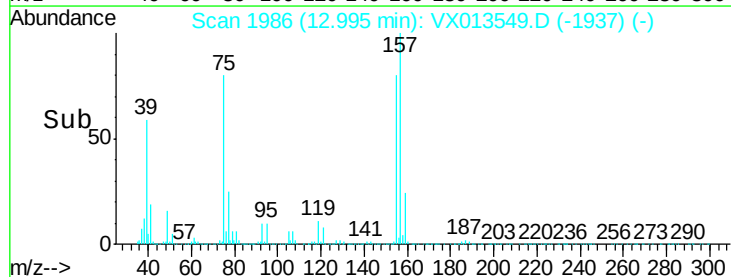
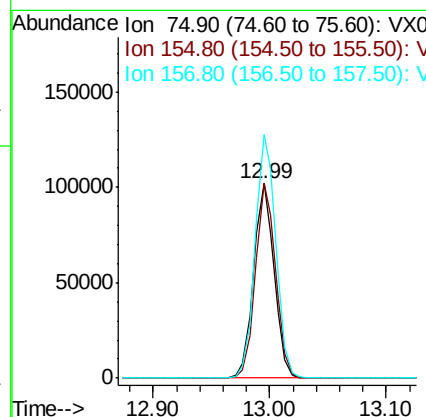
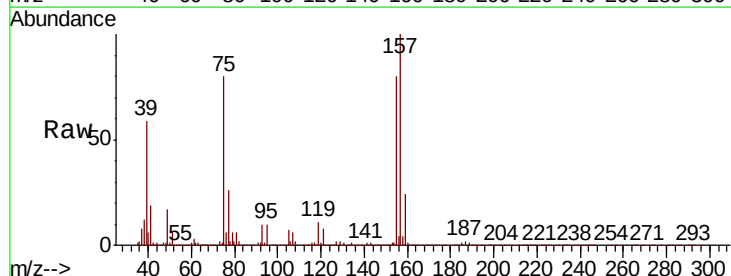
Manual Integrations
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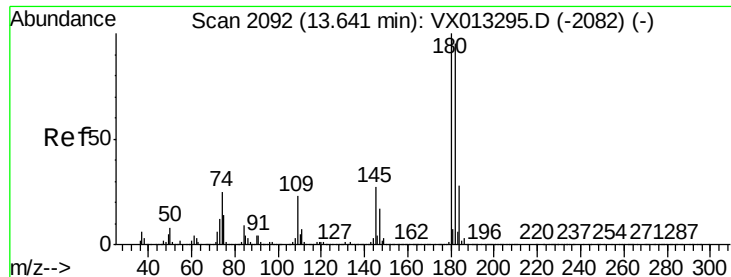
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.436 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013549.D
 Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.2	47.1	141.4
157	126.1	61.3	183.8





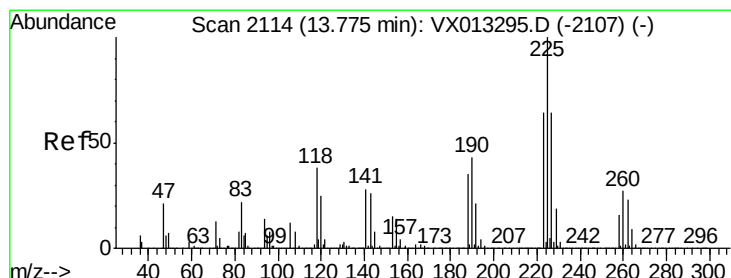
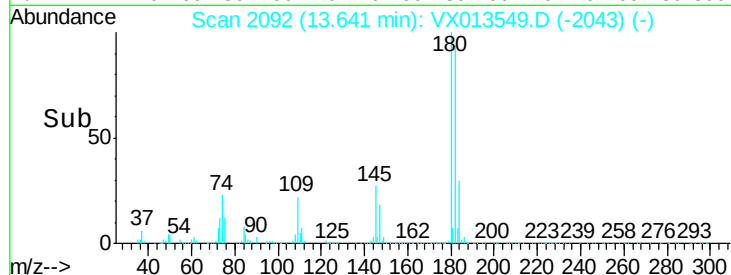
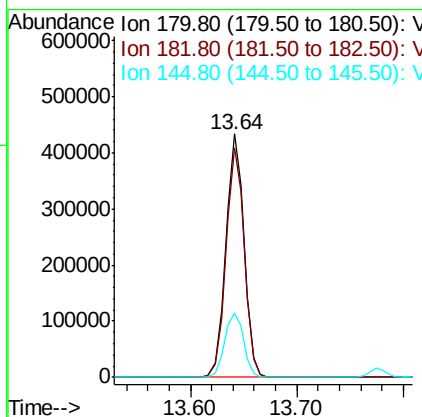
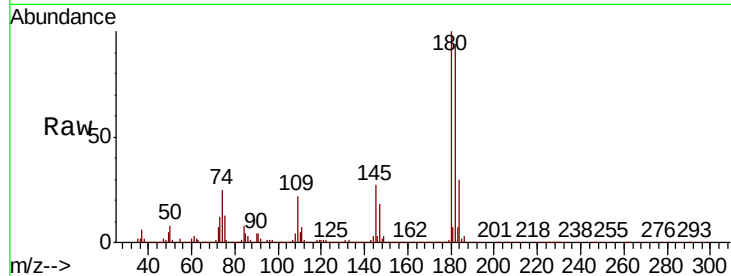
#93
 1,2,4-Trichlorobenzene
 Concen: 53.654 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013549.D
 Acq: 22 Nov 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	517423		
182	95.0	48.4	145.0	
145	27.6	14.1	42.4	

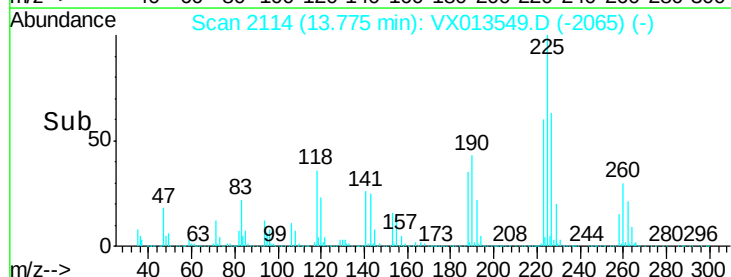
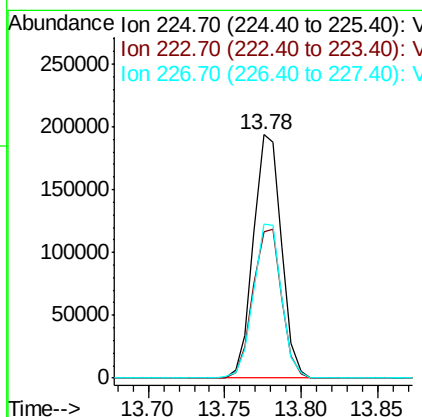
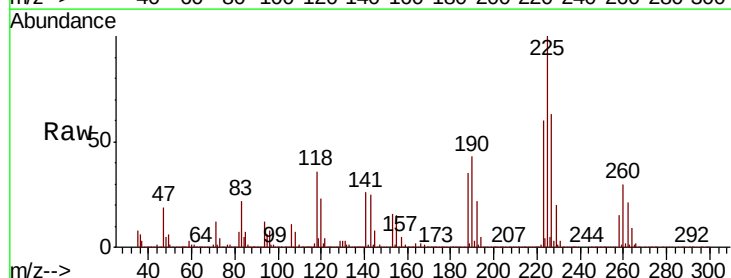
Manual Integrations
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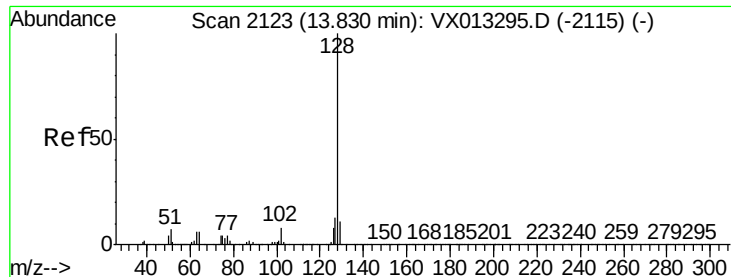
MMDadoda
 11/25/2019 10:39:41 AM



#94
 Hexachlorobutadiene
 Concen: 52.573 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013549.D
 Acq: 22 Nov 2019 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	248042		
223	62.5	31.9	95.7	
227	63.4	31.9	95.9	





#95

Naphthalene

Concen: 54.221 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1640574

Ion Ratio Lower Upper

128 100

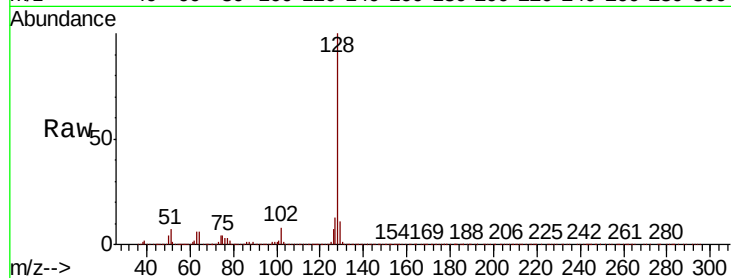
127 13.0 10.2 15.2

129 11.0 8.5 12.7

Manual Integrations
APPROVED

MMDadoda

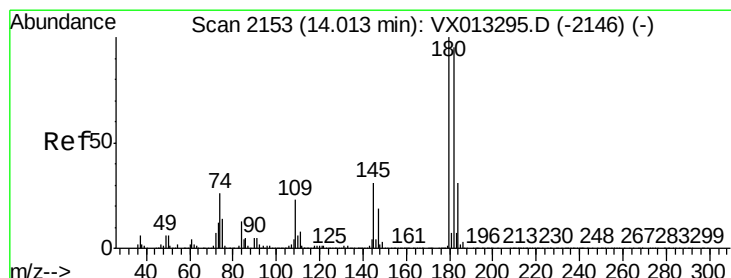
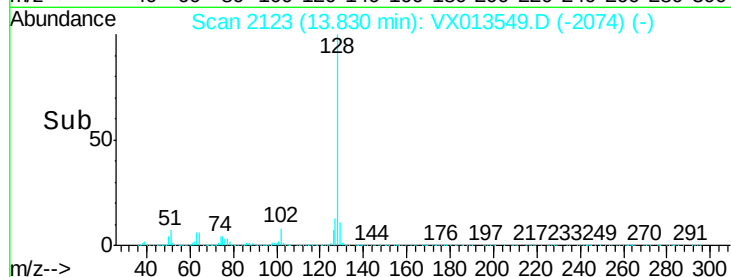
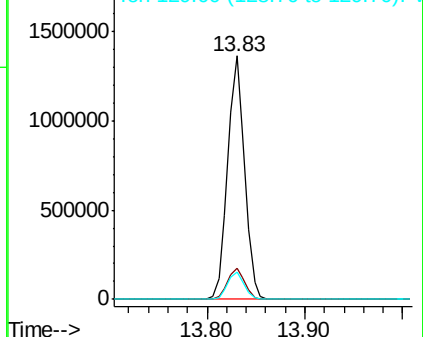
11/25/2019 10:39:41 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.420 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX013549.D

Acq: 22 Nov 2019 21:47

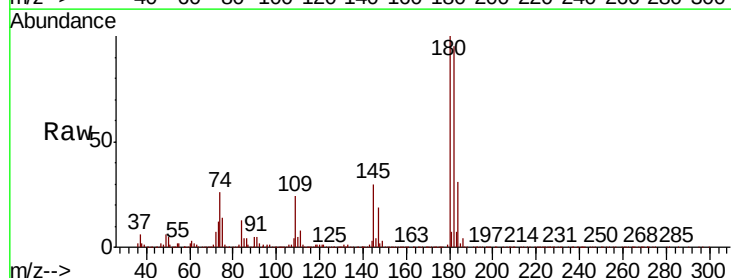
Tgt Ion:180 Resp: 526320

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.2

145 29.8 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

