

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111919\
 Data File : VX013466.D
 Acq On : 19 Nov 2019 16:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 9:18:11 AM

Quant Time: Nov 19 17:39:36 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	5.64	168	692614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1051720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	956025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	483162	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	354786	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
35) Dibromofluoromethane	5.48	113	290826	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	
50) Toluene-d8	8.71	98	1092198	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	
62) 4-Bromofluorobenzene	11.13	95	406755	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	303773	38.065	ug/l	98
3) Chloromethane	1.31	50	342163	39.538	ug/l	98
4) Vinyl Chloride	1.40	62	401619	40.764	ug/l	99
5) Bromomethane	1.63	94	273685	39.862	ug/l	99
6) Chloroethane	1.71	64	221287	39.030	ug/l	98
7) Trichlorofluoromethane	1.92	101	447341	38.431	ug/l	99
8) Diethyl Ether	2.17	74	216829	42.124	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	282674	43.571	ug/l	99
10) Methyl Iodide	2.50	142	330572	41.155	ug/l	97
11) Tert butyl alcohol	3.03	59	403913	186.763	ug/l	99
12) 1,1-Dichloroethene	2.36	96	271062	42.665	ug/l	96
13) Acrolein	2.28	56	245757	209.668	ug/l	96
14) Allyl chloride	2.72	41	518010	44.874	ug/l	95
15) Acrylonitrile	3.12	53	935374	231.537	ug/l	99
16) Acetone	2.43	43	872105	213.085	ug/l	100
17) Carbon Disulfide	2.56	76	662401	38.954	ug/l	99
18) Methyl Acetate	2.76	43	544999	48.233	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1009919	47.660	ug/l	97
20) Methylene Chloride	2.84	84	321695	42.542	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	291039	42.073	ug/l	94
22) Diisopropyl ether	3.84	45	1053151	47.256	ug/l	94
23) Vinyl Acetate	3.80	43	4411414	231.325	ug/l	100
24) 1,1-Dichloroethane	3.68	63	559539	44.881	ug/l	99
25) 2-Butanone	4.65	43	1331383	221.744	ug/l	100
26) 2,2-Dichloropropane	4.57	77	451025	45.476	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	353815	45.659	ug/l	99
28) Bromochloromethane	5.00	49	177069	50.022	ug/l	98
29) Tetrahydrofuran	5.11	42	832463	224.990	ug/l	100
30) Chloroform	5.20	83	558236	45.346	ug/l	97
31) Cyclohexane	5.56	56	475710	42.405	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	464902	43.882	ug/l	99
36) 1,1-Dichloropropene	5.78	75	402011	44.557	ug/l	99
37) Ethyl Acetate	4.81	43	492032	44.133	ug/l	99
38) Carbon Tetrachloride	5.77	117	394591	44.724	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	493894	43.932	ug/l	98
40) Benzene	6.13	78	1255070	44.657	ug/l	98
41) Methacrylonitrile	5.02	41	286397	45.832	ug/l	98
42) 1,2-Dichloroethane	6.18	62	448536	44.245	ug/l	98
43) Isopropyl Acetate	6.43	43	821358	47.312	ug/l	99
44) Trichloroethene	7.20	130	335306	43.342	ug/l	99
45) 1,2-Dichloropropane	7.50	63	336379	46.974	ug/l	100
46) Dibromomethane	7.65	93	217434	44.471	ug/l	97
47) Bromodichloromethane	7.89	83	442719	48.018	ug/l	96
48) Methyl methacrylate	7.76	41	407237	46.993	ug/l	98
49) 1,4-Dioxane	7.73	88	151838	765.078	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2595041	227.834	ug/l	99
52) Toluene	8.78	92	794863	45.632	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	494744	49.073	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	544409	48.274	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	337891	46.799	ug/l	98
56) Ethyl methacrylate	9.17	69	553751	45.084	ug/l	96
57) 1,3-Dichloropropane	9.36	76	572339	46.698	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1214365	245.987	ug/l	100
59) 2-Hexanone	9.48	43	1994454	226.592	ug/l	99
60) Dibromochloromethane	9.57	129	360695	48.847	ug/l	100
61) 1,2-Dibromoethane	9.67	107	353160	46.064	ug/l	99
64) Tetrachloroethene	9.33	164	303342	44.323	ug/l	100
65) Chlorobenzene	10.13	112	863685	44.623	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	331744	46.680	ug/l	99
67) Ethyl Benzene	10.25	91	1518702	45.463	ug/l	100
68) m/p-Xylenes	10.36	106	1163824	92.122	ug/l	99
69) o-Xylene	10.70	106	575136	46.500	ug/l	98
70) Styrene	10.71	104	987631	47.768	ug/l	98
71) Bromoform	10.85	173	288378	44.164	ug/l #	98
73) Isopropylbenzene	11.01	105	1518984	47.417	ug/l	99
74) N-amyl acetate	10.89	43	727073	48.944	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	548447	46.929	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	509175m	51.884	ug/l	
77) Bromobenzene	11.25	156	399754	46.810	ug/l	97
78) n-propylbenzene	11.35	91	1728996	48.452	ug/l	100
79) 2-Chlorotoluene	11.42	91	1010725	47.011	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1274854	47.778	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	186736	48.978	ug/l	95
82) 4-Chlorotoluene	11.51	91	1172711	46.596	ug/l	99
83) tert-Butylbenzene	11.77	119	1296526	48.269	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1295096	48.384	ug/l	100
85) sec-Butylbenzene	11.94	105	1482575	48.026	ug/l	99
86) p-Isopropyltoluene	12.06	119	1387205	48.800	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	709542	46.611	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	705724	45.503	ug/l	100
89) n-Butylbenzene	12.39	91	1194880	48.173	ug/l	99
90) Hexachloroethane	12.59	117	248791	49.122	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	713508	46.891	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	116370	40.871	ug/l	95

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QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	505071	47.585	ug/l	99
94) Hexachlorobutadiene	13.78	225	239714	46.163	ug/l	99
95) Naphthalene	13.83	128	1560539	46.860	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	499624	46.937	ug/l	100

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

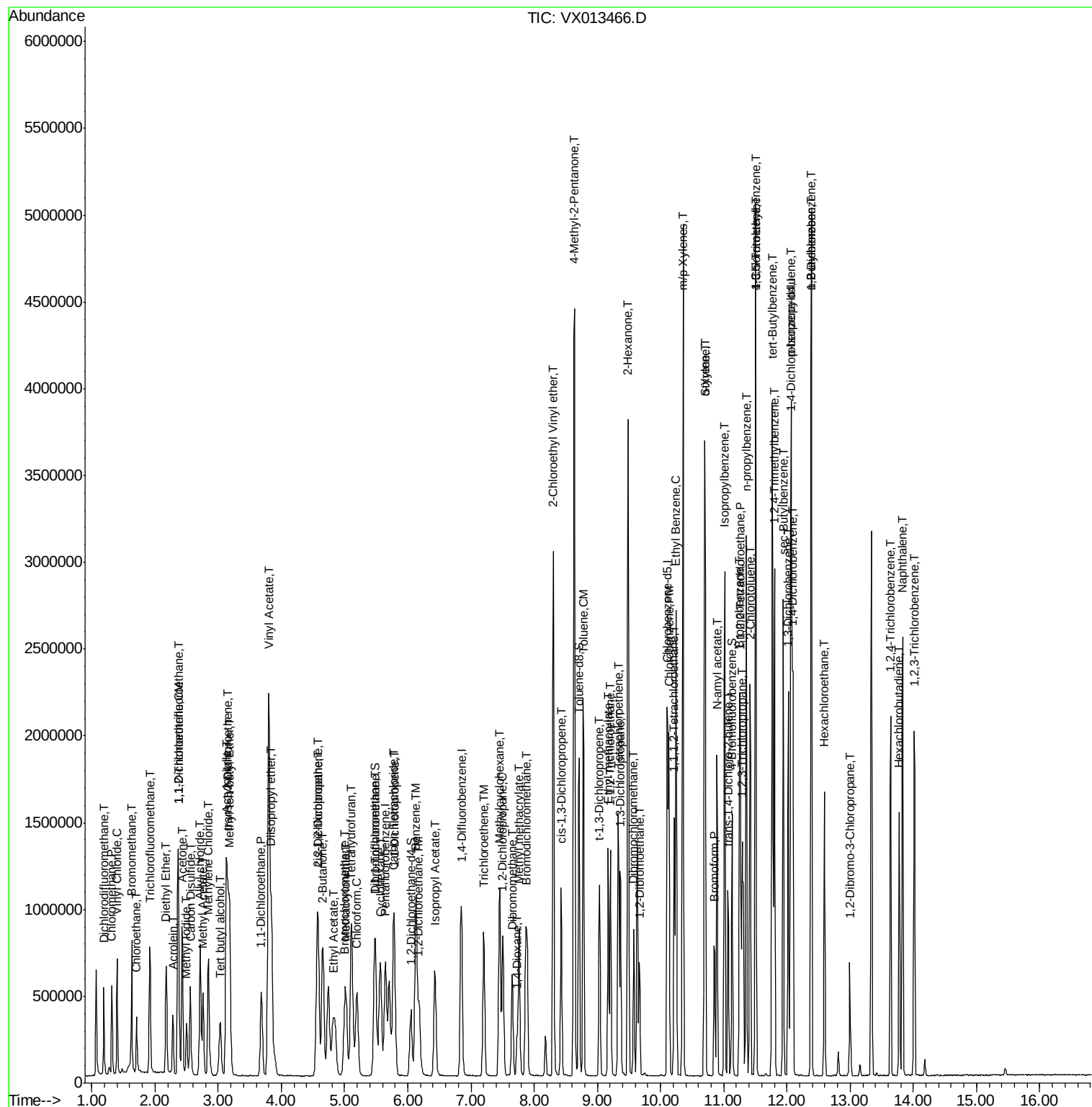
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111919\
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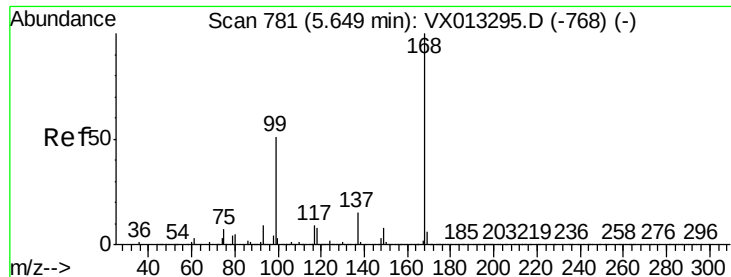
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 692614

Ion Ratio Lower Upper

168 100

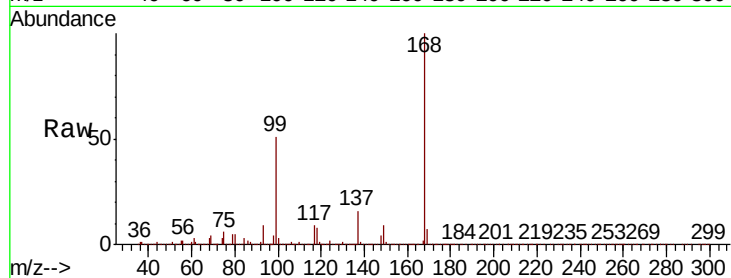
99 50.7 40.8 61.2

Manual Integrations

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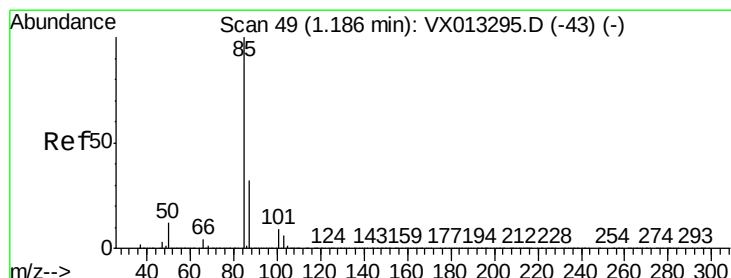
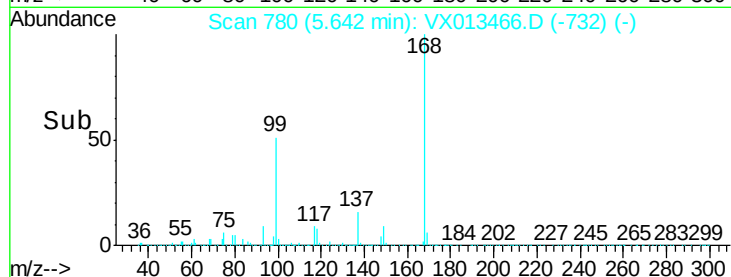
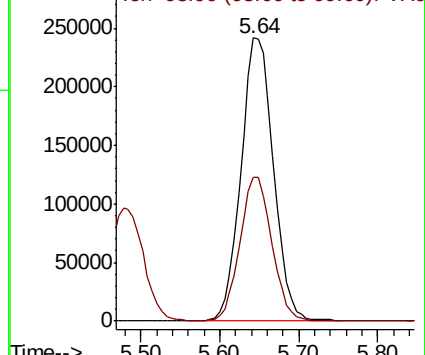
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 38.065 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013466.D

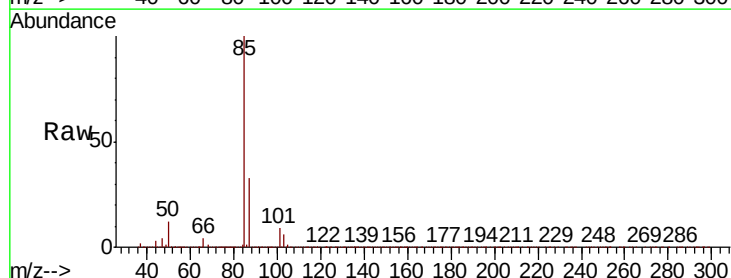
Acq: 19 Nov 2019 16:55

Tgt Ion: 85 Resp: 303773

Ion Ratio Lower Upper

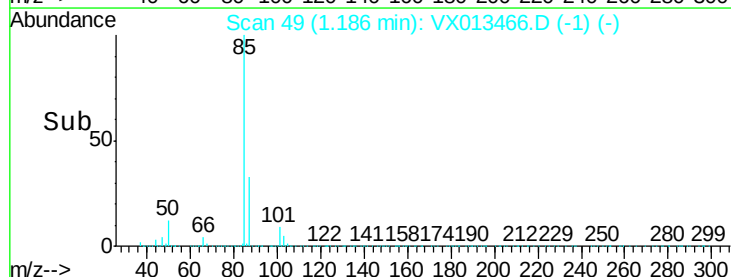
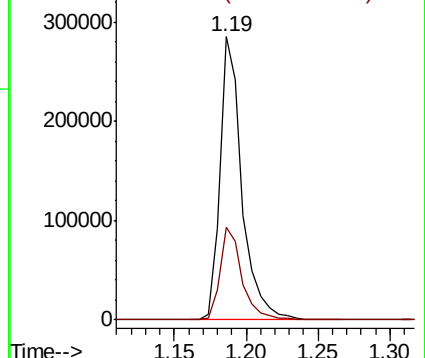
85 100

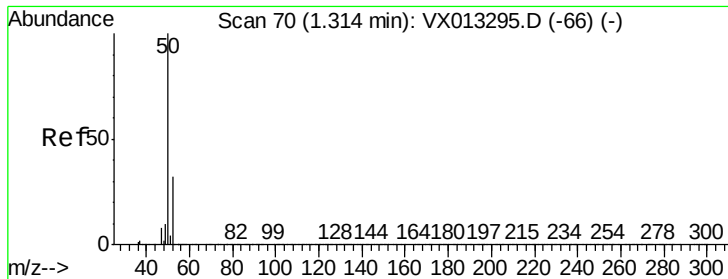
87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 39.538 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 342163

Ion Ratio Lower Upper

50 100

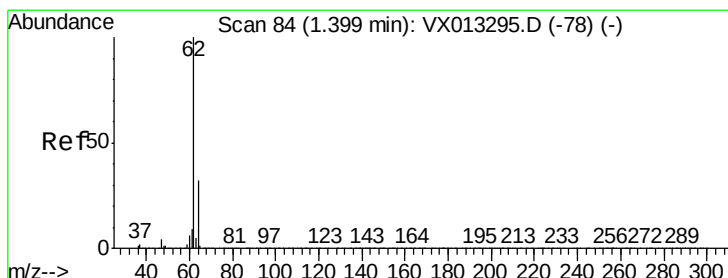
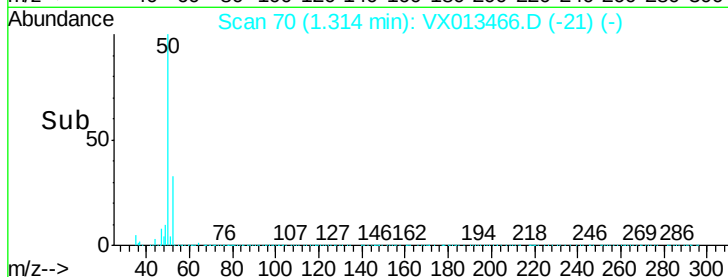
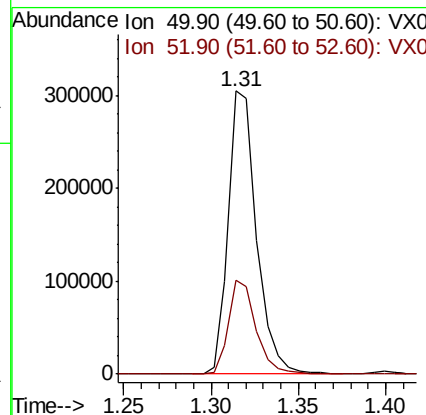
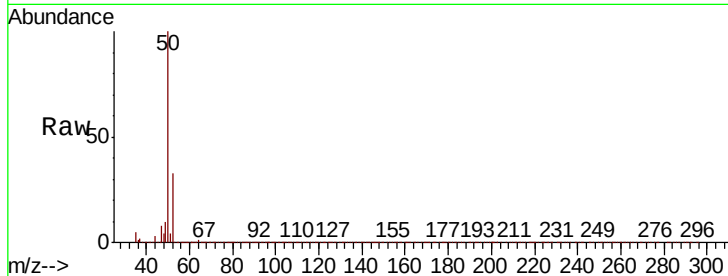
52 32.9 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 40.764 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013466.D

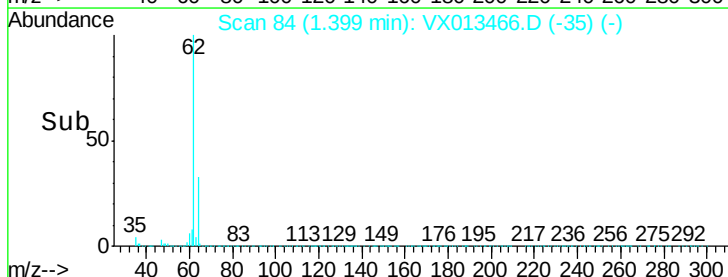
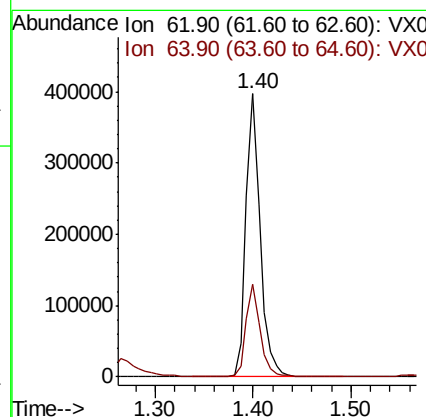
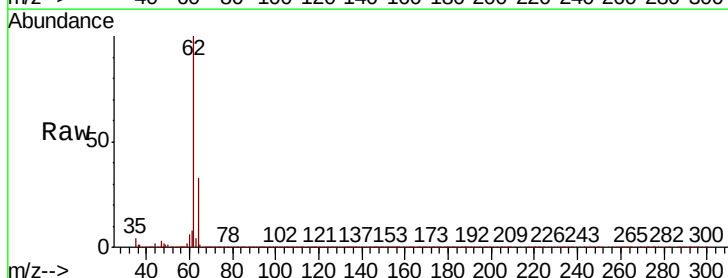
Acq: 19 Nov 2019 16:55

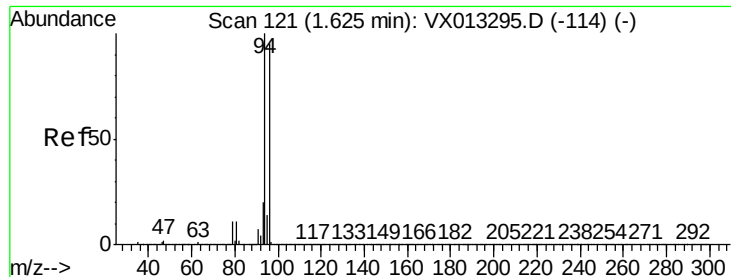
Tgt Ion: 62 Resp: 401619

Ion Ratio Lower Upper

62 100

64 32.5 25.6 38.4





#5

Bromomethane

Concen: 39.862 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 273685

Ion Ratio Lower Upper

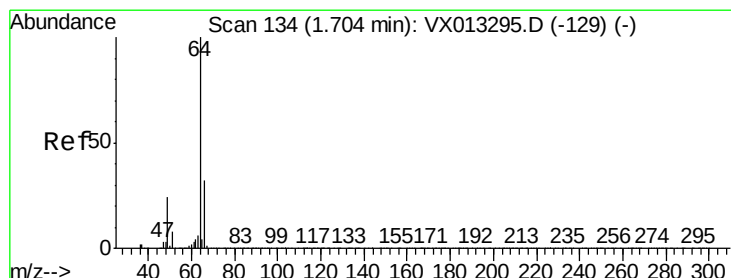
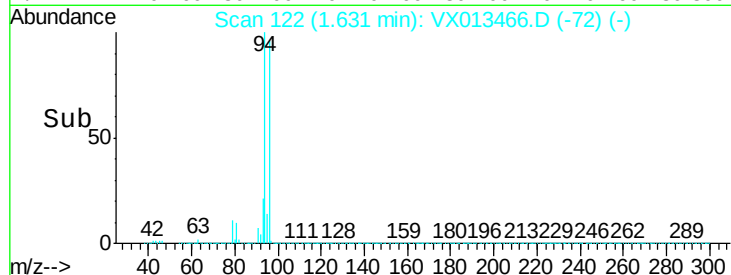
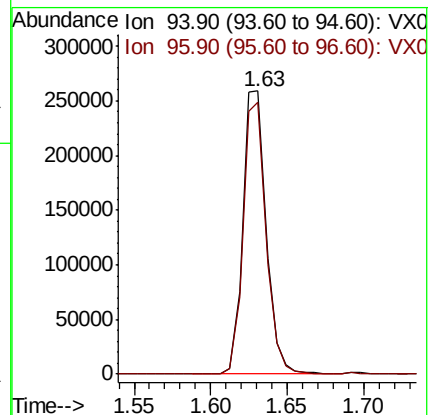
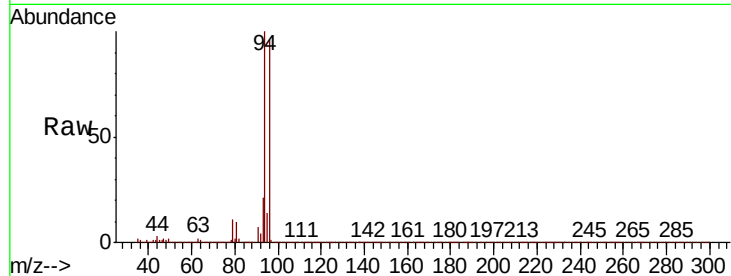
94 100

96 96.0 75.8 113.8

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#6

Chloroethane

Concen: 39.030 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013466.D

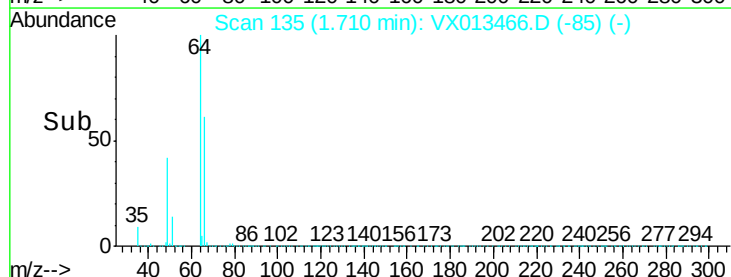
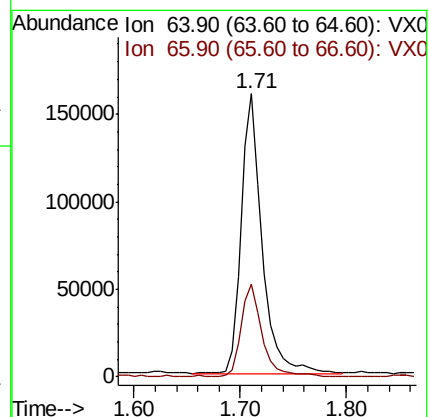
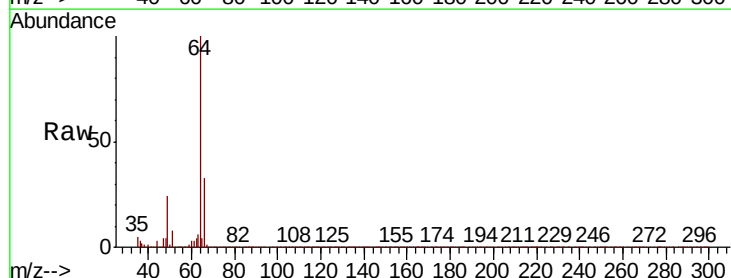
Acq: 19 Nov 2019 16:55

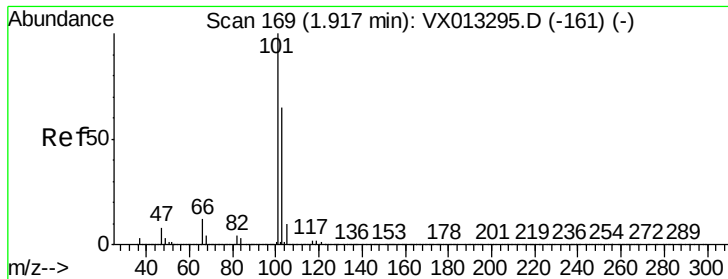
Tgt Ion: 64 Resp: 221287

Ion Ratio Lower Upper

64 100

66 32.9 25.6 38.4





#7

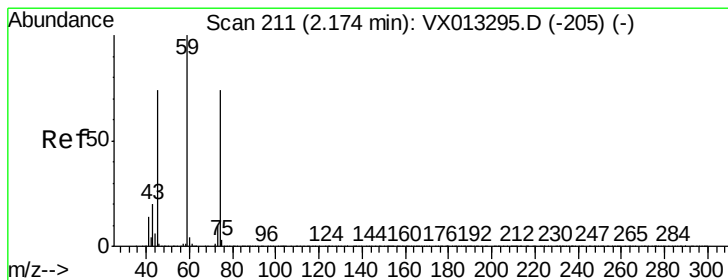
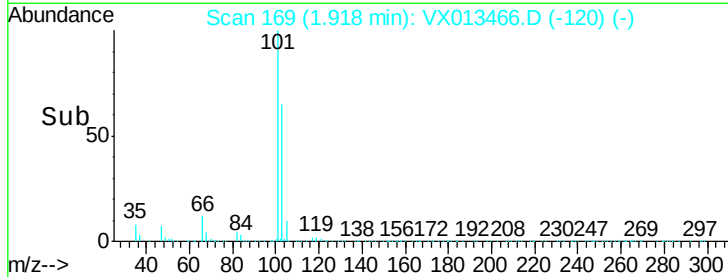
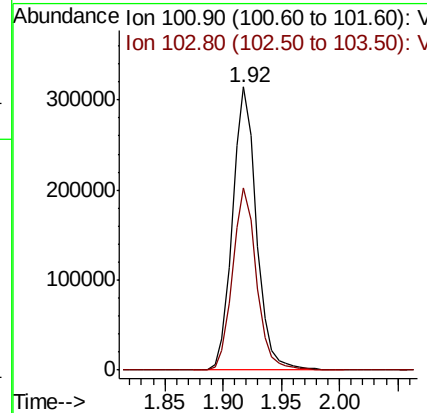
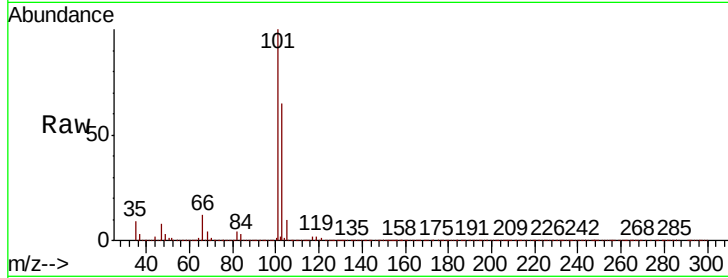
Trichlorofluoromethane
Concen: 38.431 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.3	78.5

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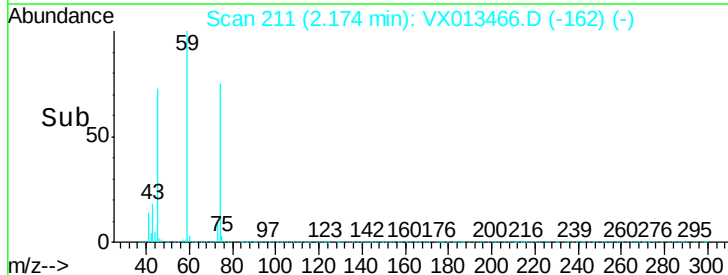
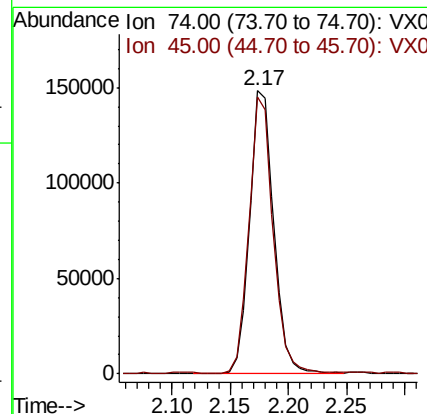
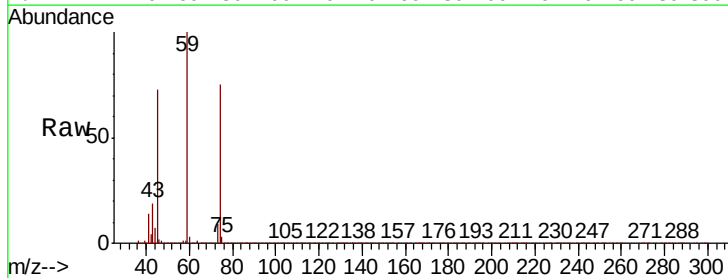
MMDadoda
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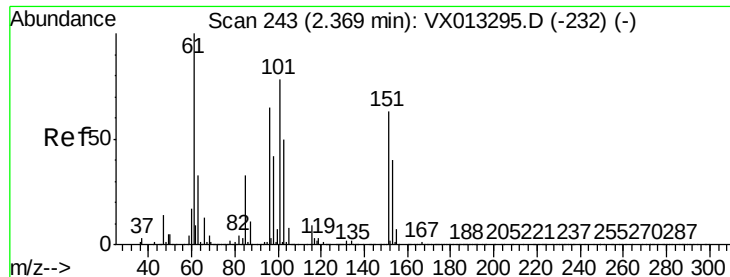


#8

Diethyl Ether
Concen: 42.124 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.571 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

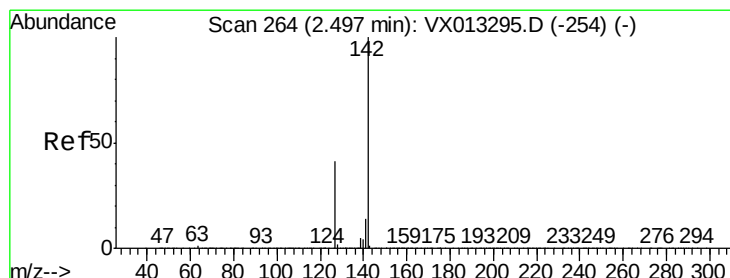
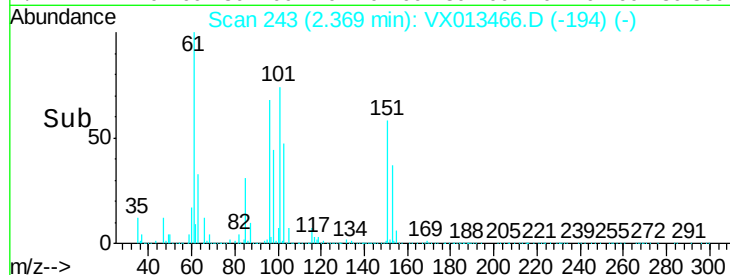
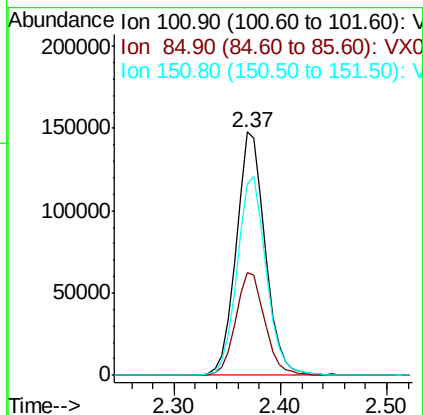
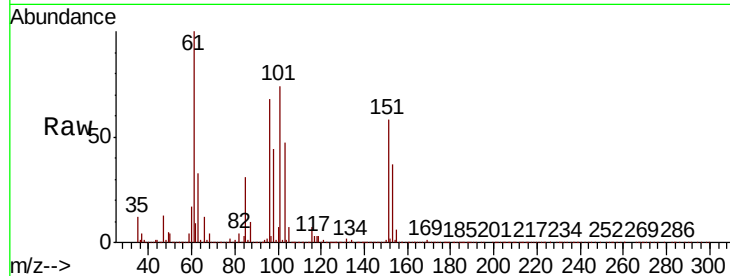
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	282674
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.4	51.6
151	82.2	66.4	99.6

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#10

Methyl Iodide

Concen: 41.155 ug/l

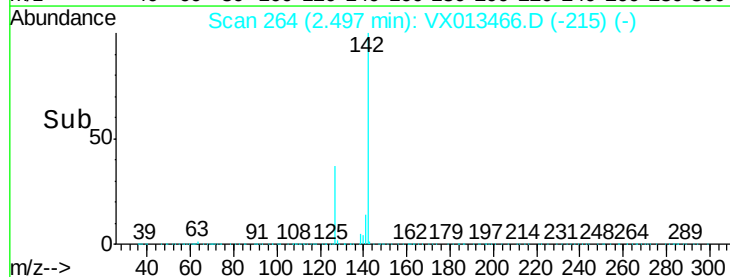
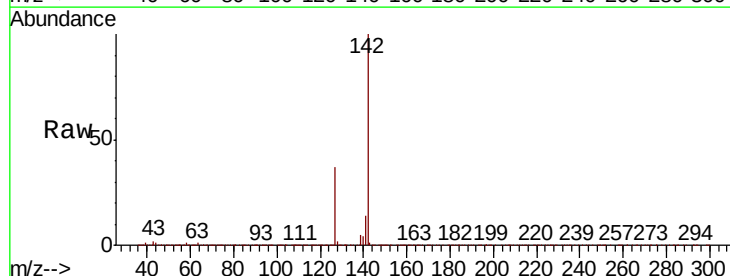
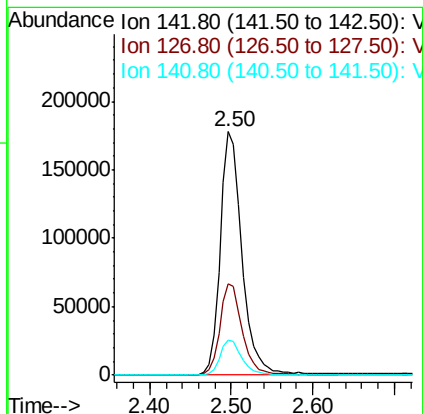
RT: 2.50 min Scan# 264

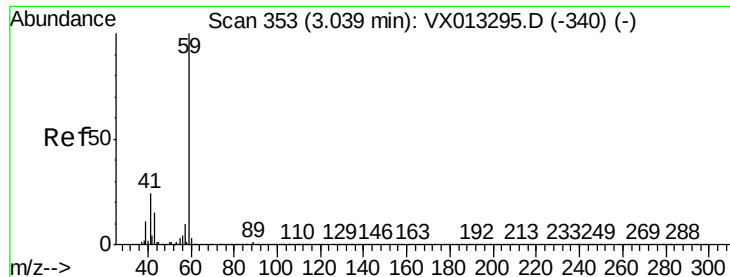
Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Tgt Ion:	142	Resp:	330572
Ion Ratio	Lower	Upper	
142	100		
127	38.3	32.6	49.0
141	14.6	11.6	17.4





#11

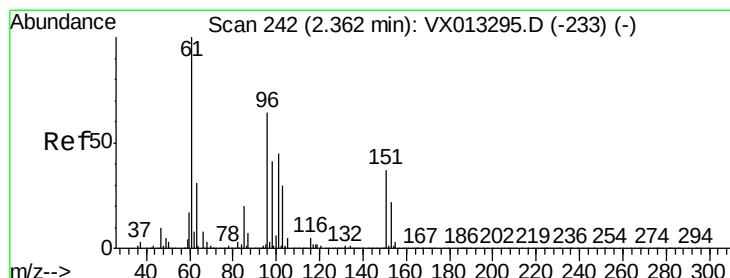
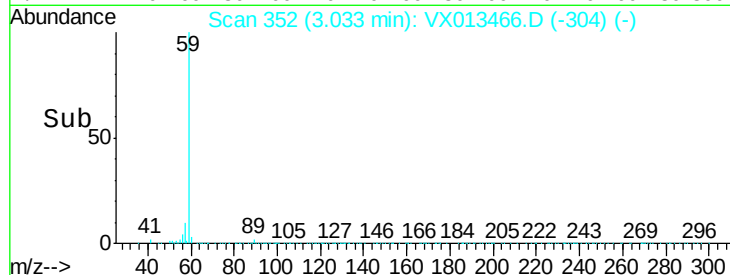
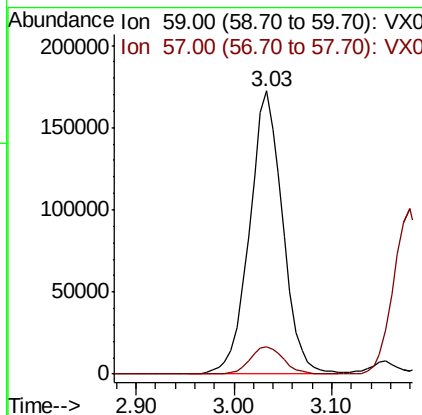
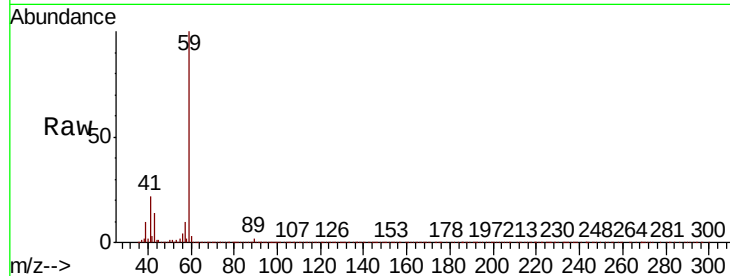
Tert butyl alcohol
Concen: 186.763 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.0	12.0

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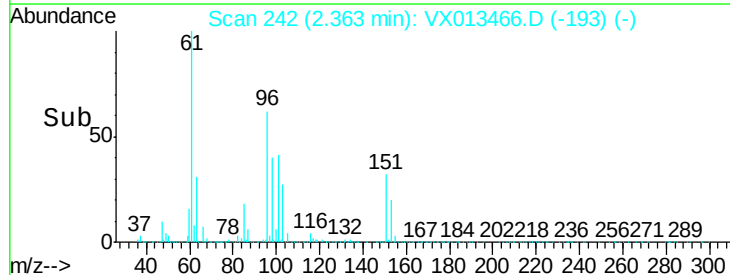
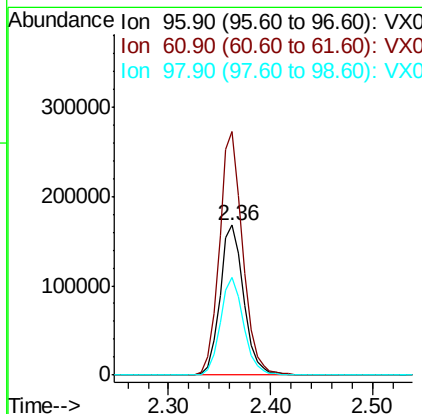
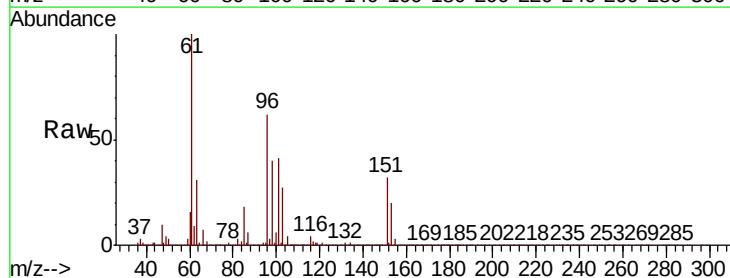
MMDadoda
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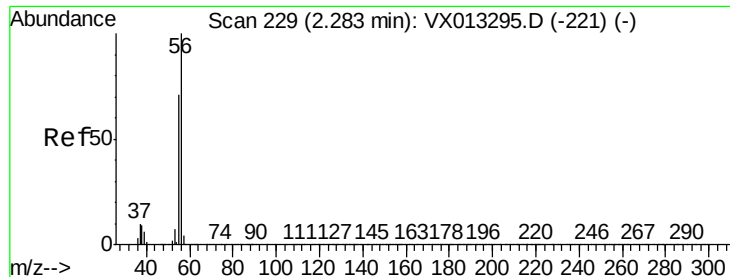


#12

1,1-Dichloroethene
Concen: 42.665 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.2	125.0	187.6
98	65.1	50.7	76.1





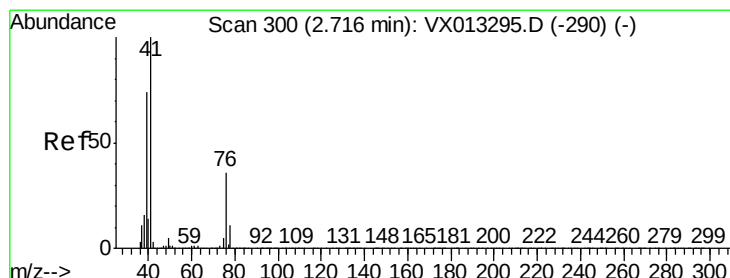
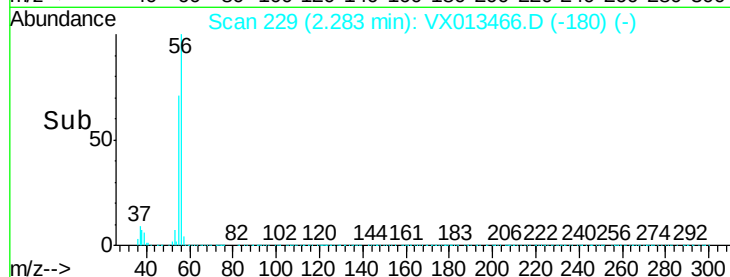
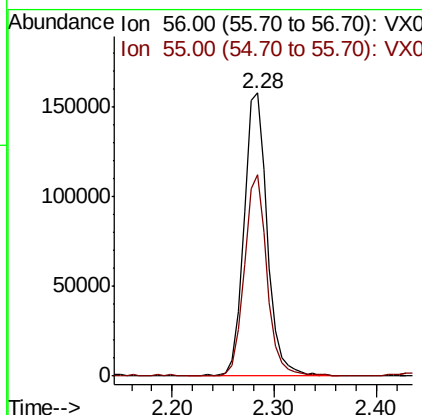
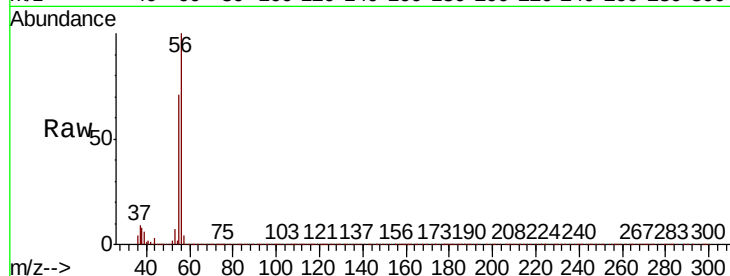
#13
Acrolein
Concen: 209.668 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.7	57.4	86.0

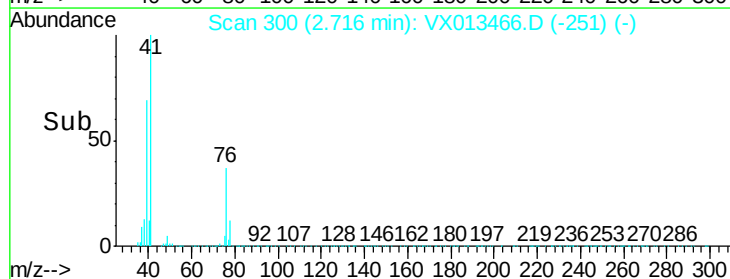
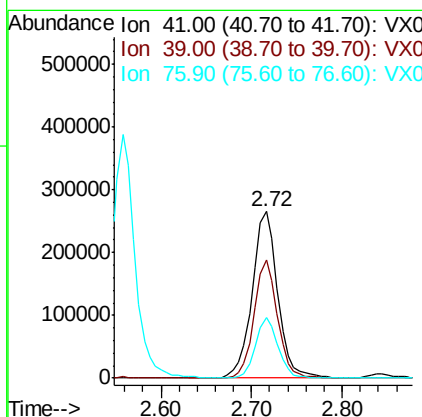
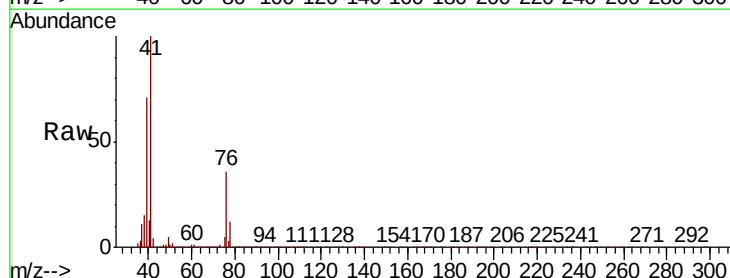
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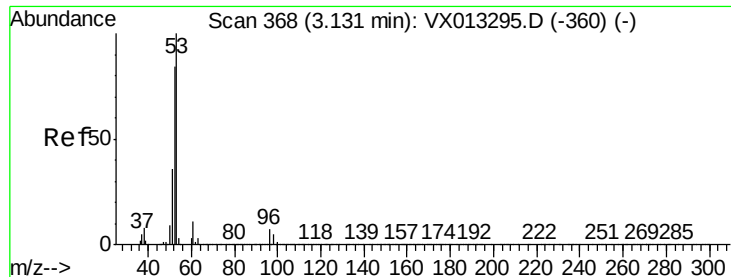
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#14
Allyl chloride
Concen: 44.874 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.8	55.8	83.8
76	31.9	26.4	39.6





#15

Acrylonitrile

Concen: 231.537 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

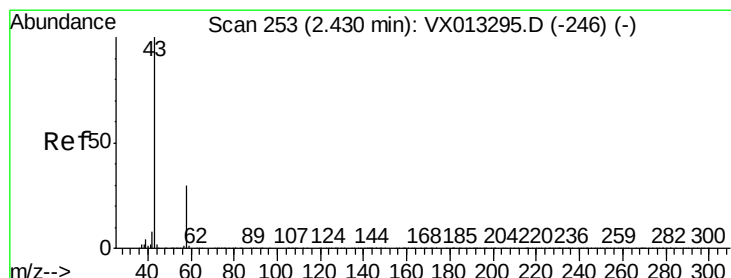
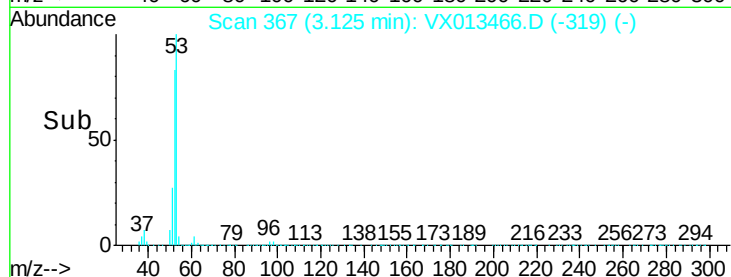
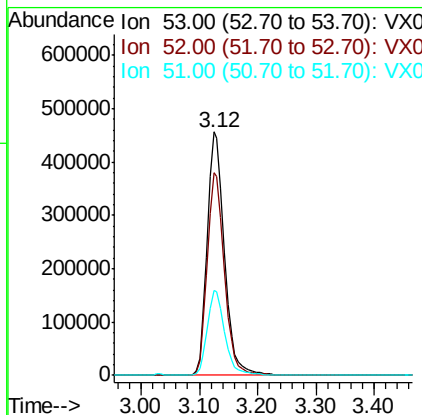
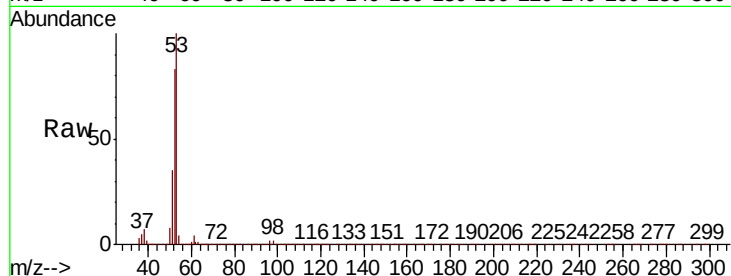
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	935374
Ion Ratio		Lower	Upper
53	100		
52	83.1	67.4	101.0
51	35.7	29.4	44.2

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#16

Acetone

Concen: 213.085 ug/l

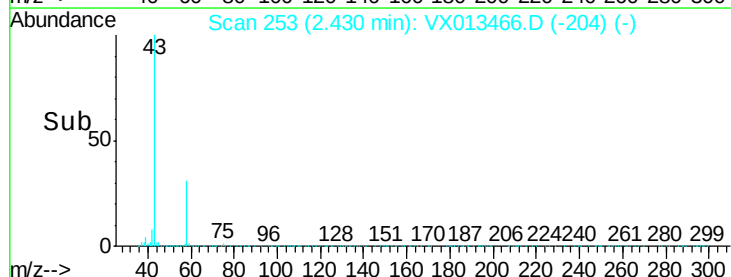
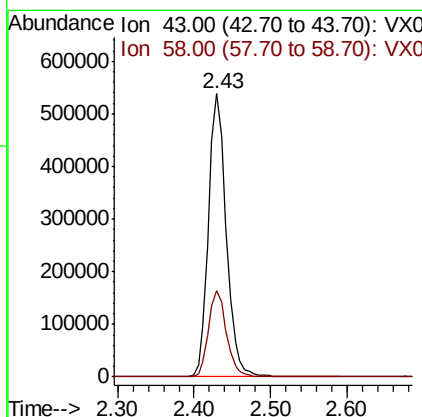
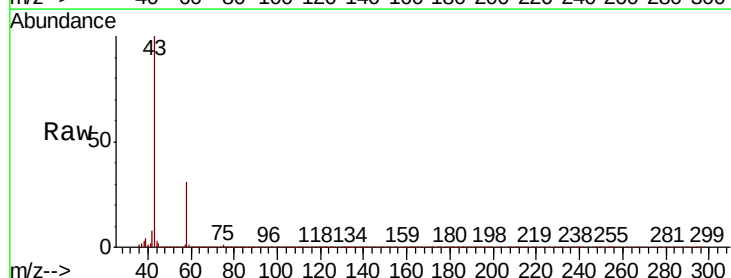
RT: 2.43 min Scan# 253

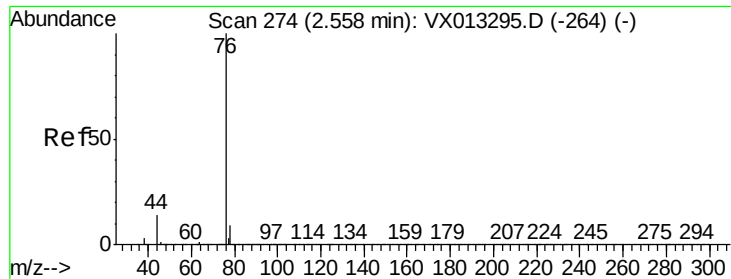
Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Tgt Ion:	43	Resp:	872105
Ion Ratio		Lower	Upper
43	100		
58	30.5	24.3	36.5





#17

Carbon Disulfide

Concen: 38.954 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 662401

Ion Ratio Lower Upper

76 100

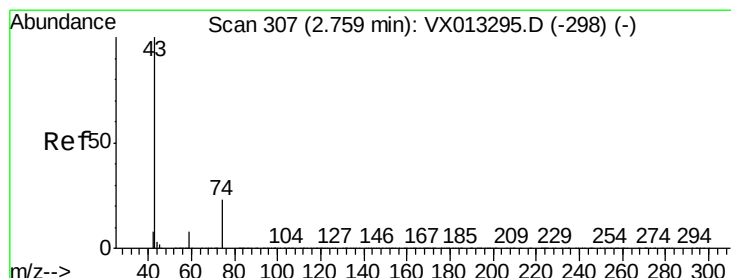
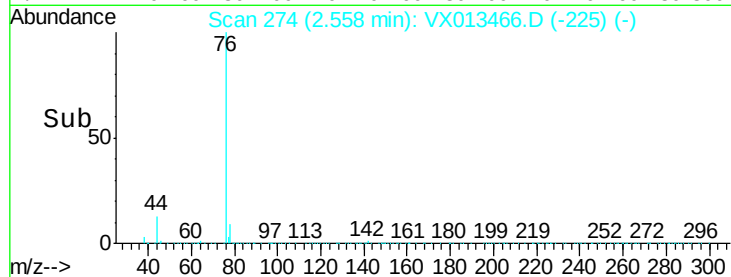
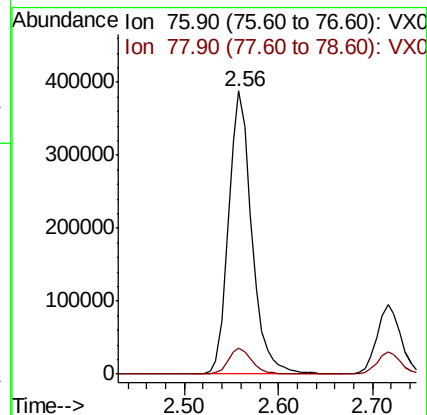
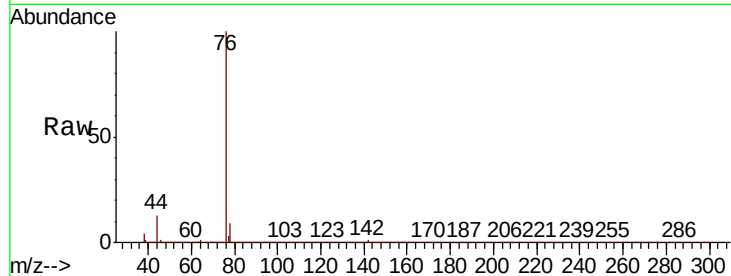
78 9.0 7.0 10.6

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#18

Methyl Acetate

Concen: 48.233 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013466.D

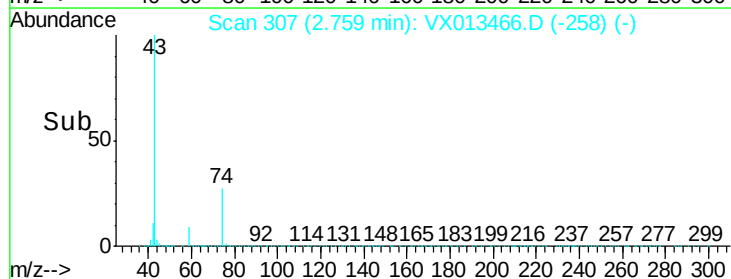
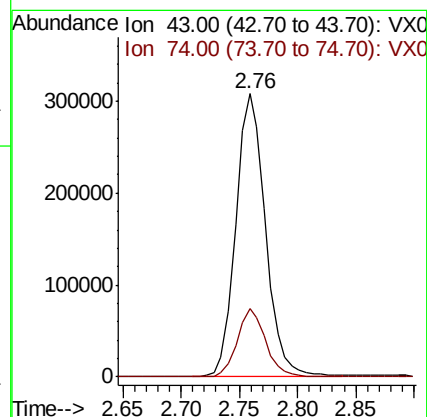
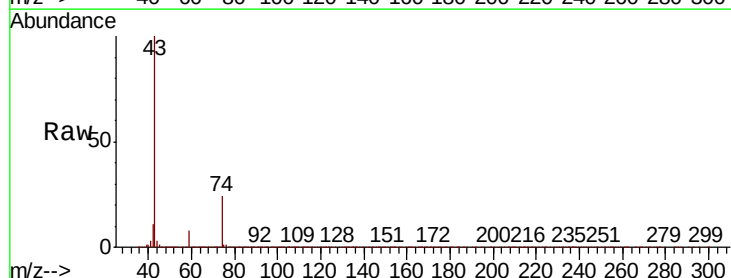
Acq: 19 Nov 2019 16:55

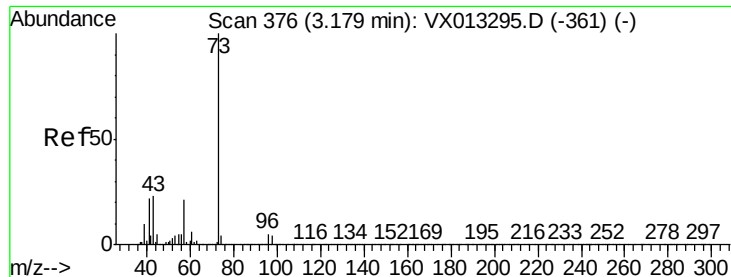
Tgt Ion: 43 Resp: 544999

Ion Ratio Lower Upper

43 100

74 23.1 19.0 28.6





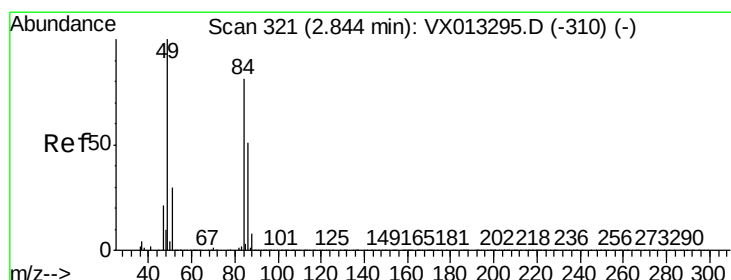
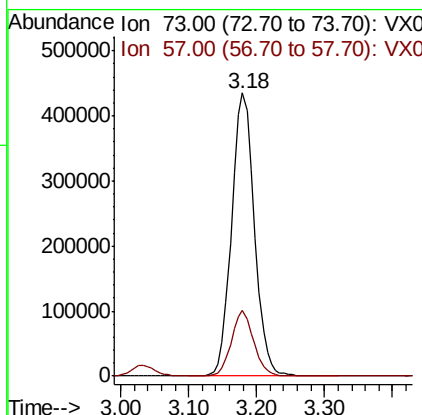
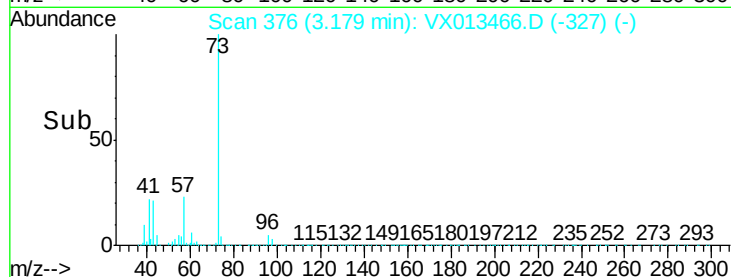
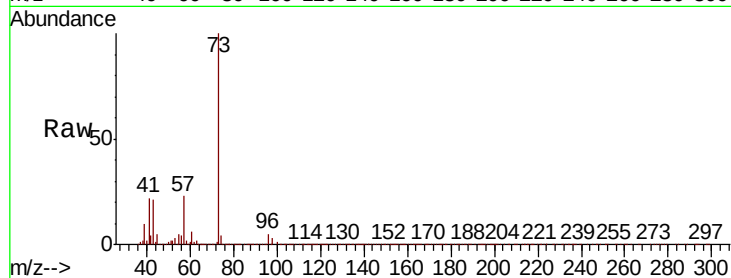
#19
Methyl tert-butyl Ether
Concen: 47.660 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1009919
Ion Ratio Lower Upper
73 100
57 23.0 17.1 25.7

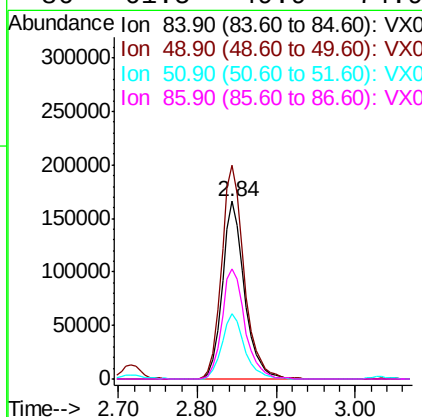
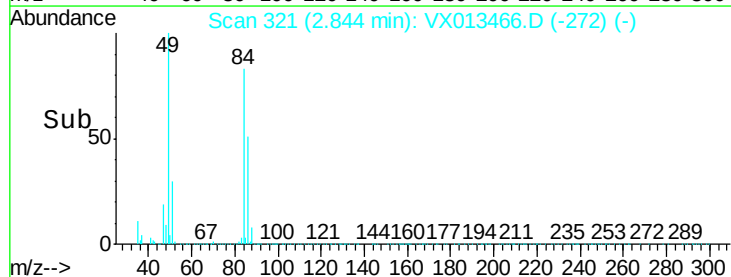
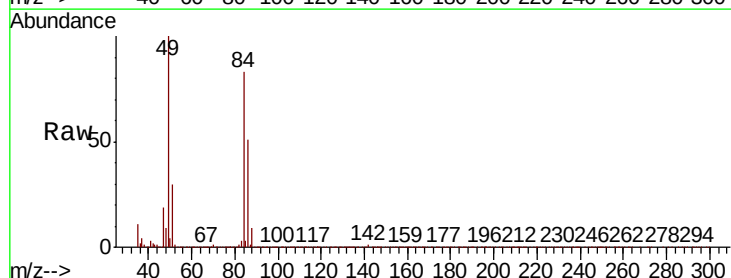
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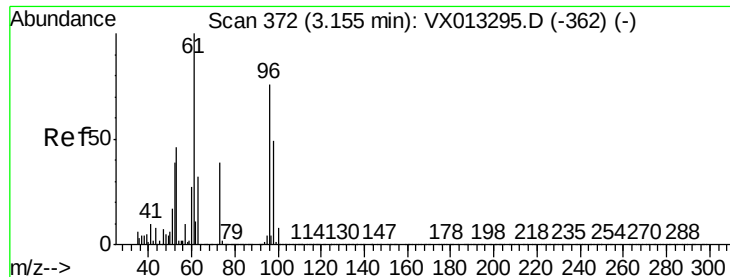
MMDadoda
11/20/2019 9:18:11 AM



#20
Methylene Chloride
Concen: 42.542 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion: 84 Resp: 321695
Ion Ratio Lower Upper
84 100
49 120.0 98.2 147.4
51 36.2 29.9 44.9
86 61.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 42.073 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

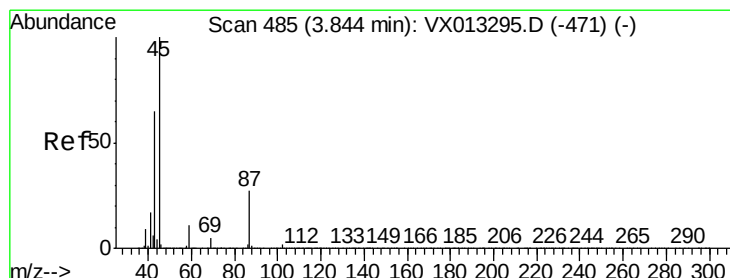
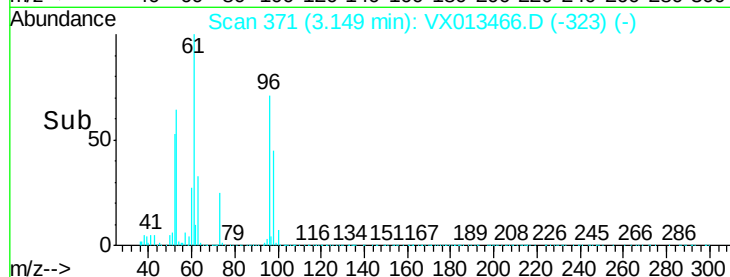
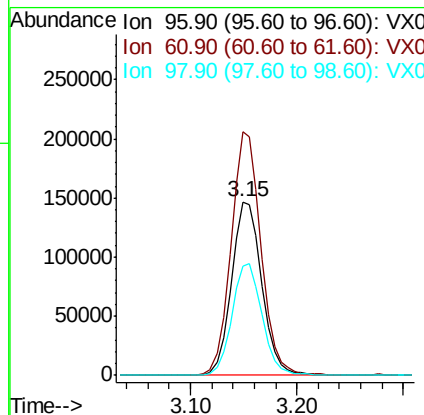
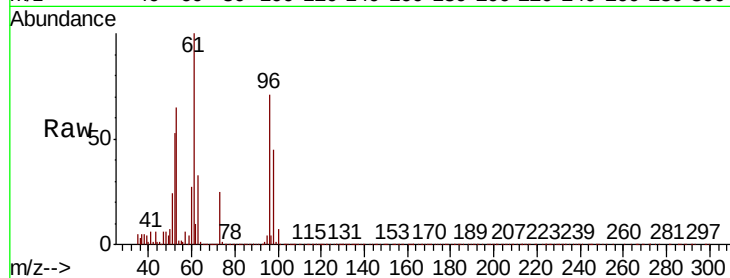
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	291039
Ion Ratio	Lower	Upper	
96	100		
61	140.5	105.8	158.6
98	62.8	51.8	77.6

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#22

Diisopropyl ether

Concen: 47.256 ug/l

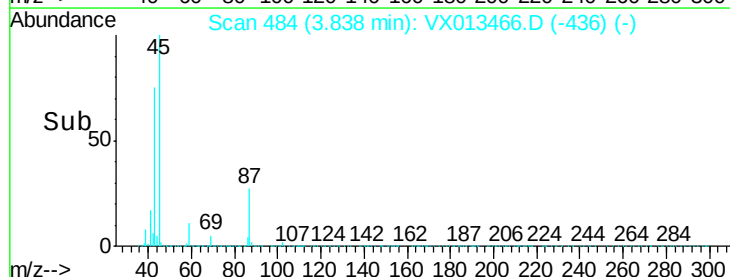
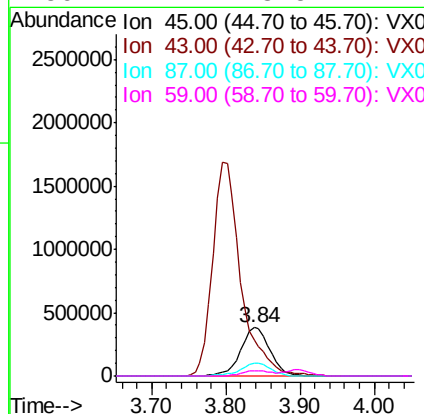
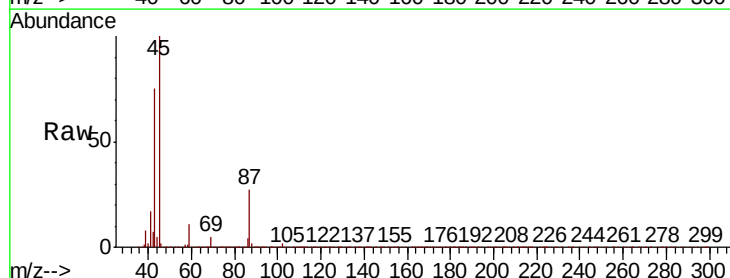
RT: 3.84 min Scan# 484

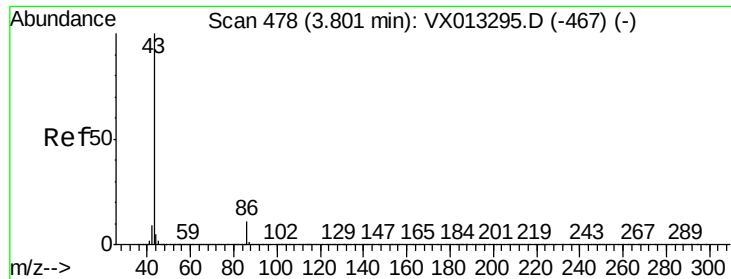
Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Tgt Ion:	45	Resp:	1053151
Ion Ratio	Lower	Upper	
45	100		
43	74.4	54.2	81.2
87	27.1	21.8	32.8
59	11.4	8.5	12.7





#23

Vinyl Acetate

Concen: 231.325 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 4411414

Ion Ratio Lower Upper

43 100

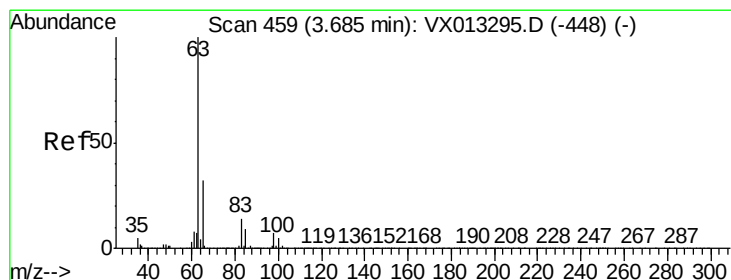
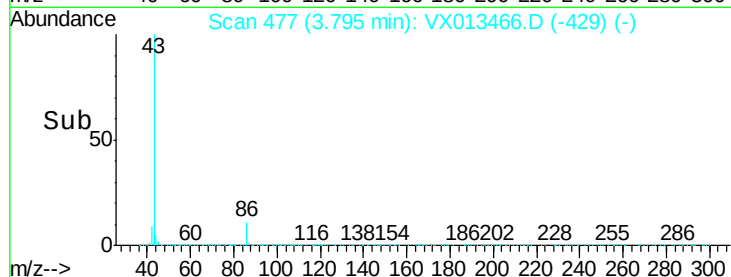
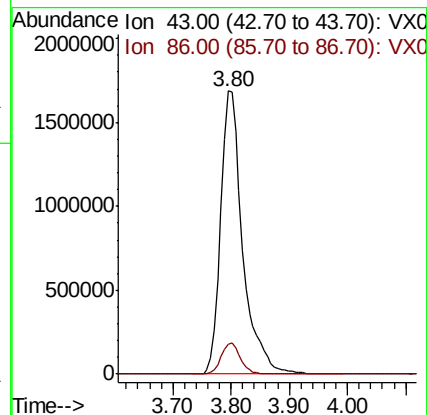
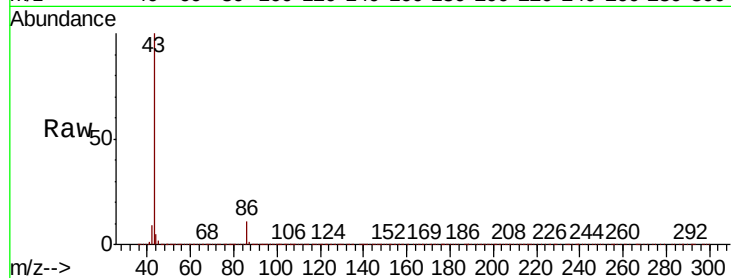
86 10.7 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 44.881 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

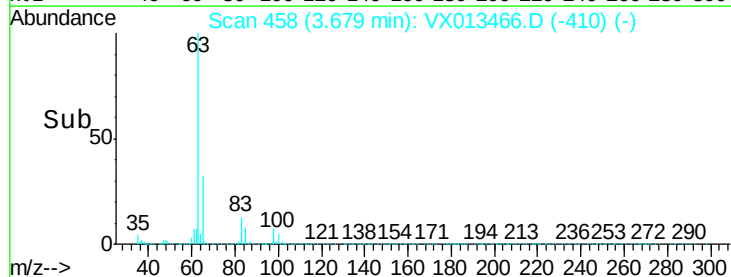
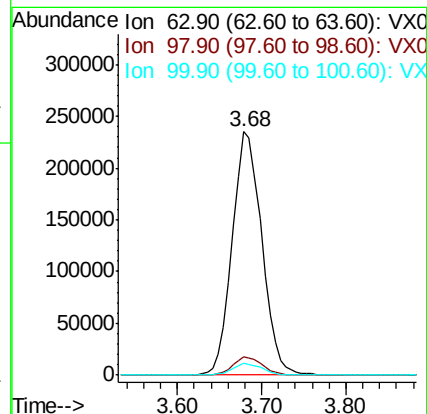
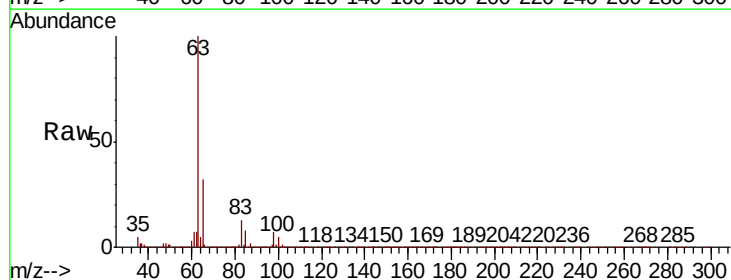
Tgt Ion: 63 Resp: 559539

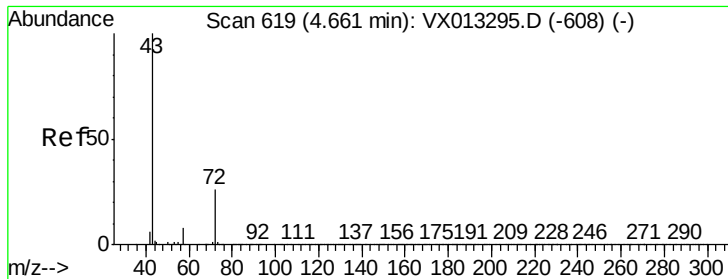
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 221.744 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Tot Ion: 43 Resp: 1331383

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

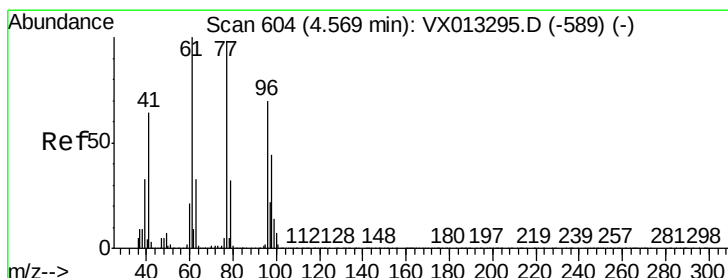
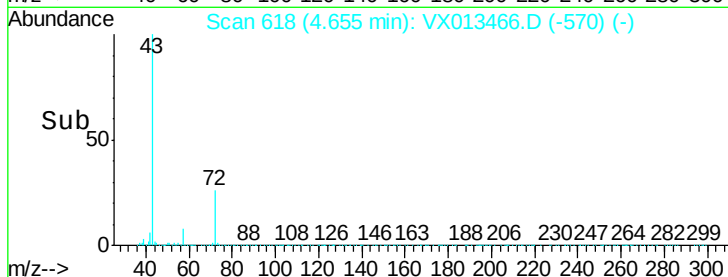
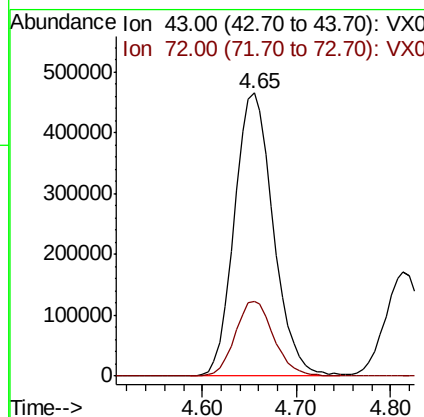
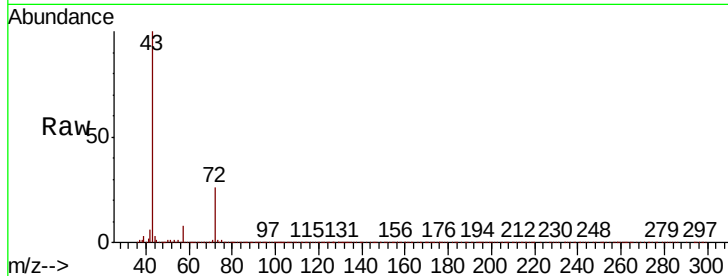
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.476 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013466.D

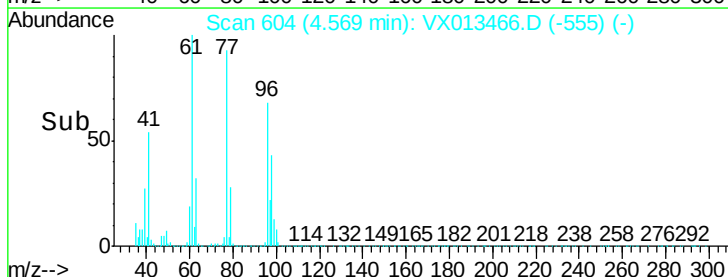
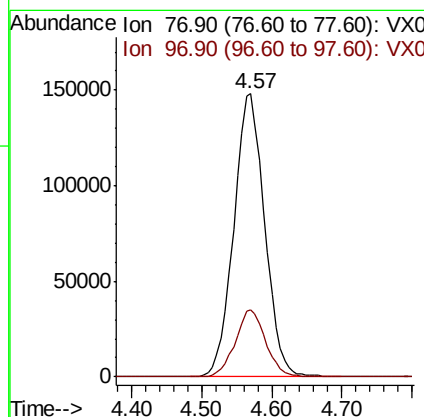
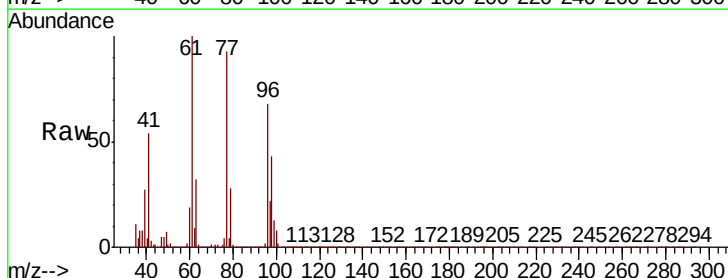
Acq: 19 Nov 2019 16:55

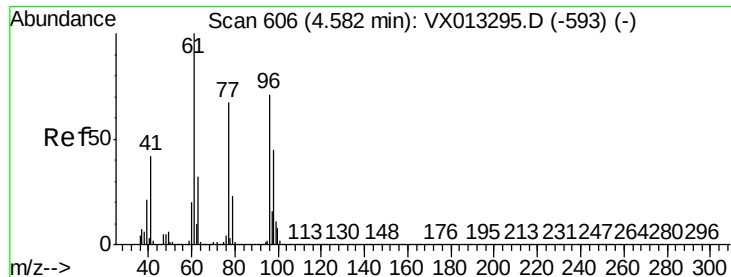
Tgt Ion: 77 Resp: 451025

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.8





#27

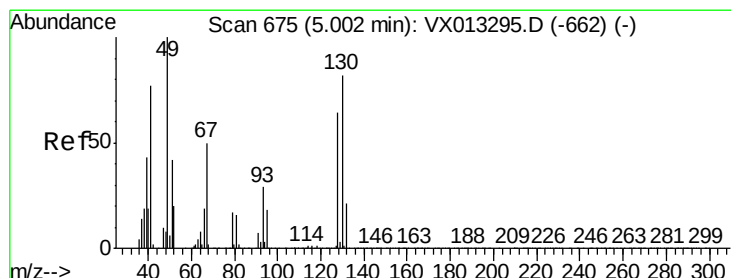
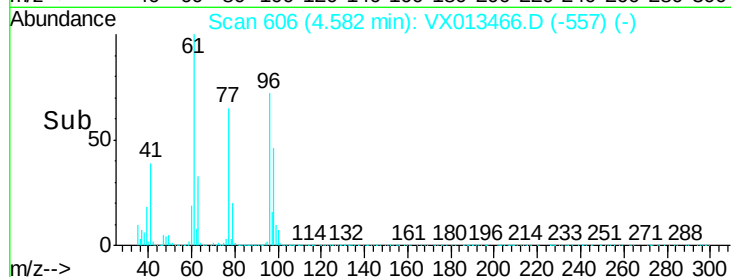
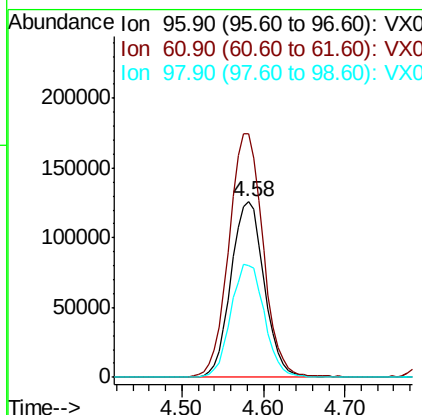
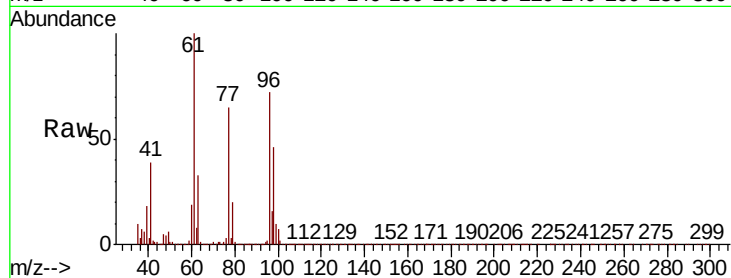
cis-1,2-Dichloroethene
Concen: 45.659 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	353815		
61	142.6		0.0	288.0
98	64.9		0.0	129.6

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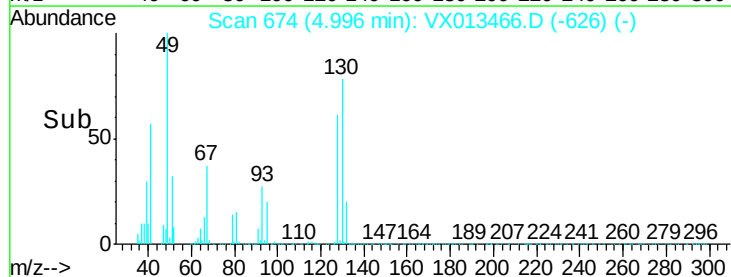
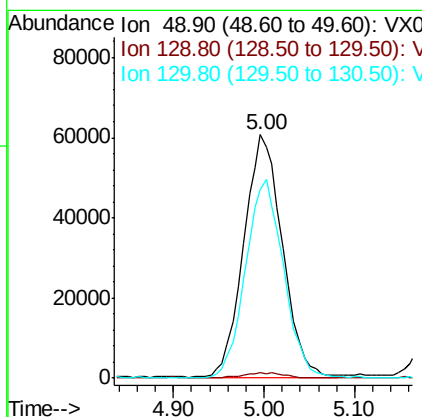
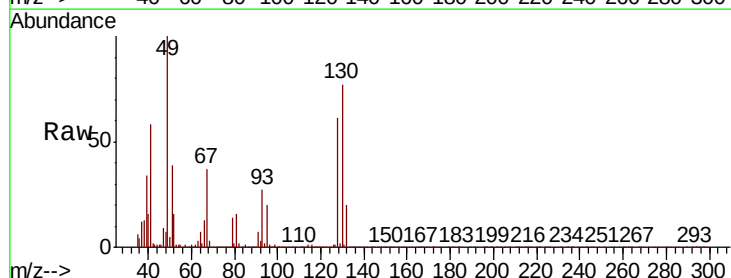
MMDadoda
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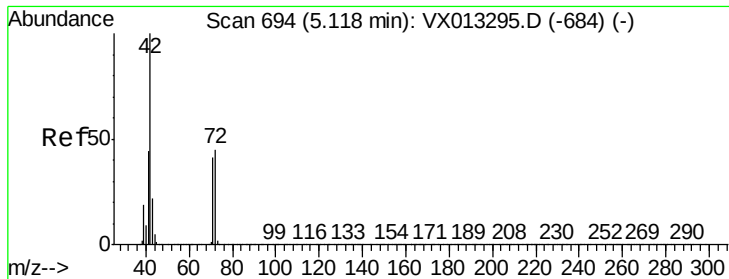


#28

Bromochloromethane
Concen: 50.022 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	177069		
129	2.1		0.0	5.2
130	81.6		63.8	95.6





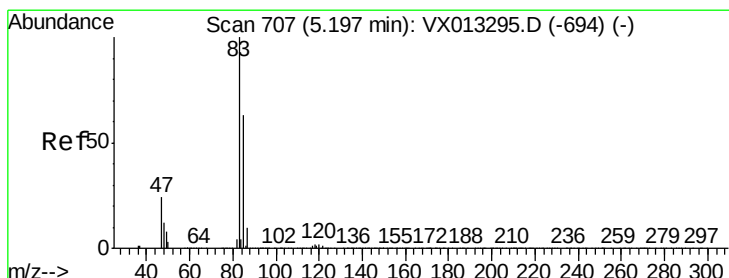
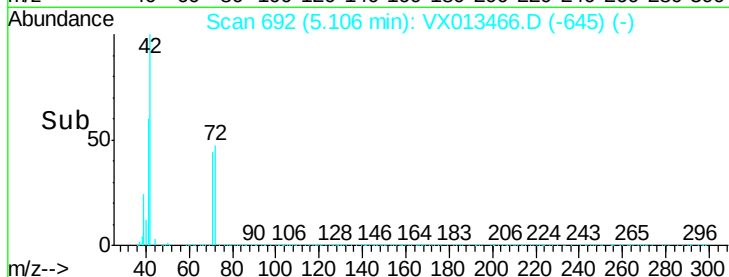
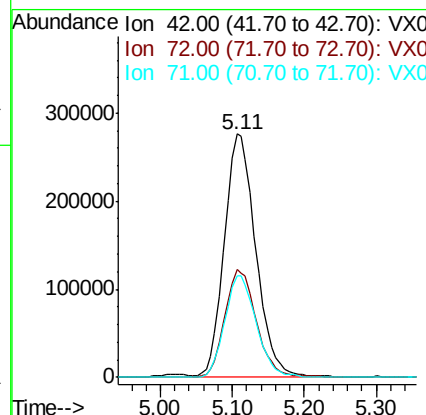
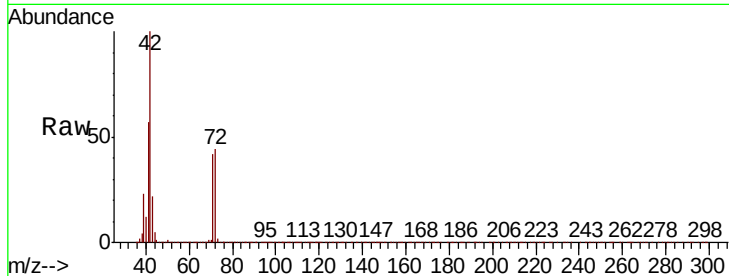
#29
Tetrahydrofuran
Concen: 224.990 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	35.8	53.8
71	42.0	33.4	50.0

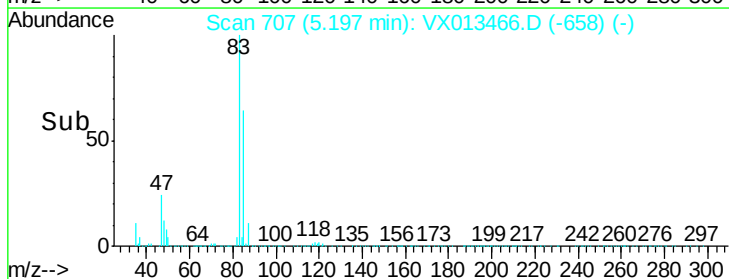
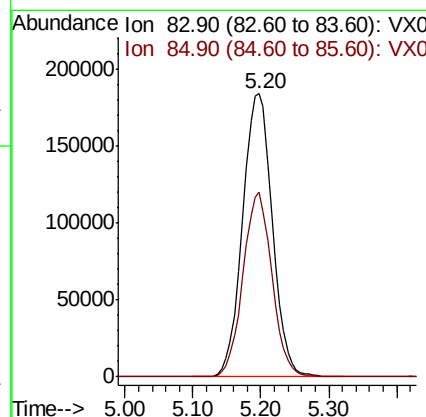
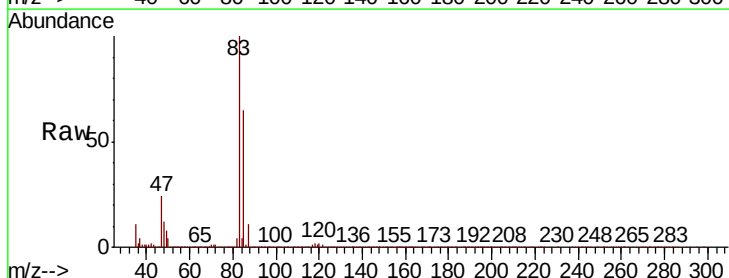
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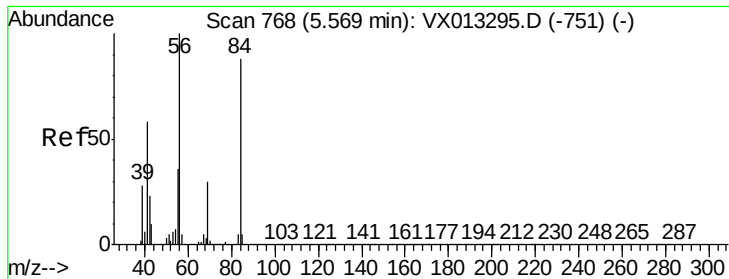
MMDadoda
11/20/2019 9:18:11 AM



#30
Chloroform
Concen: 45.346 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.2	75.4





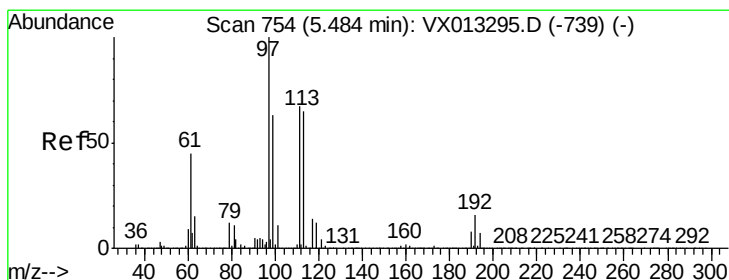
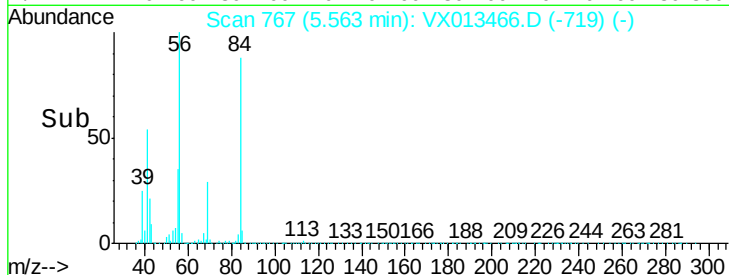
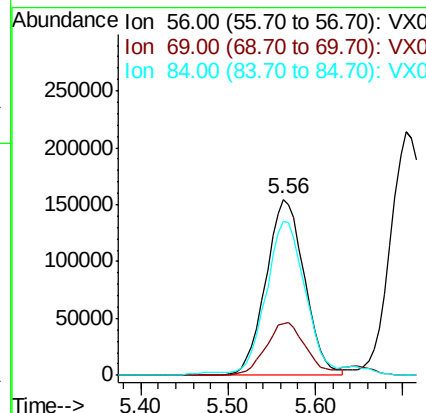
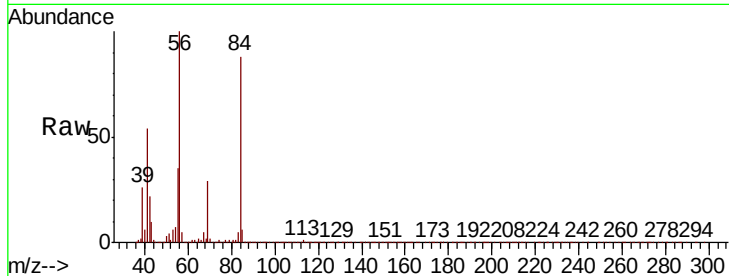
#31
Cyclohexane
Concen: 42.405 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.3	23.7	35.5	
84	86.8	70.6	105.8	

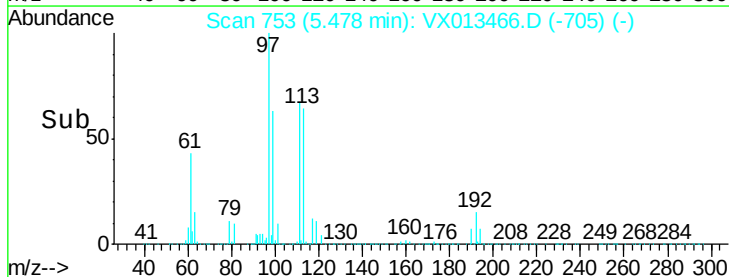
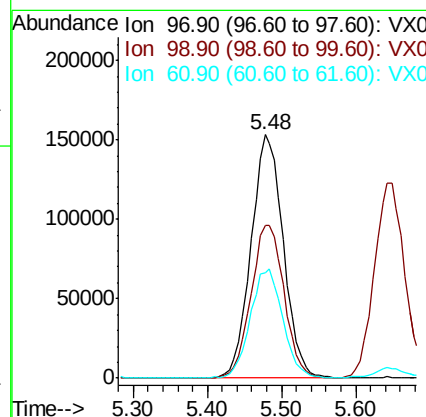
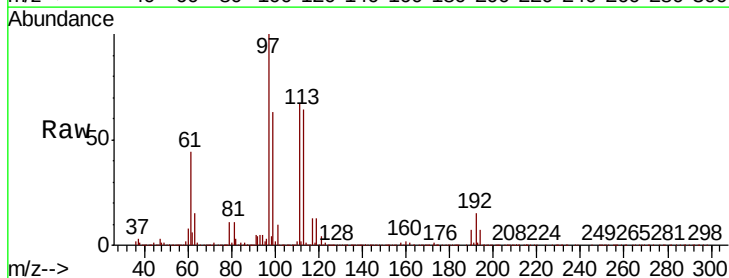
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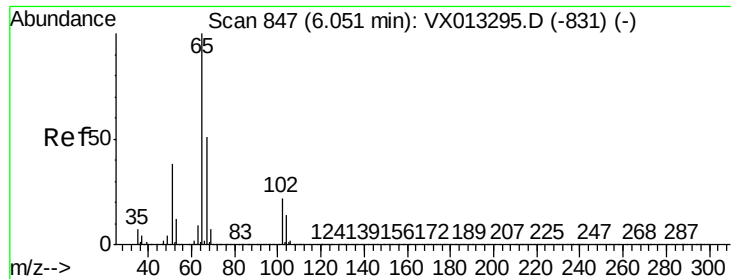
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#32
1,1,1-Trichloroethane
Concen: 43.882 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.3	51.1	76.7	
61	45.1	36.5	54.7	





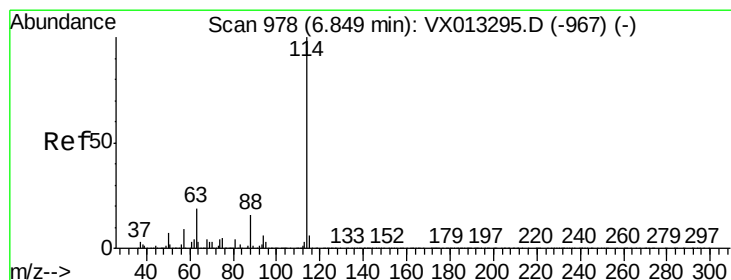
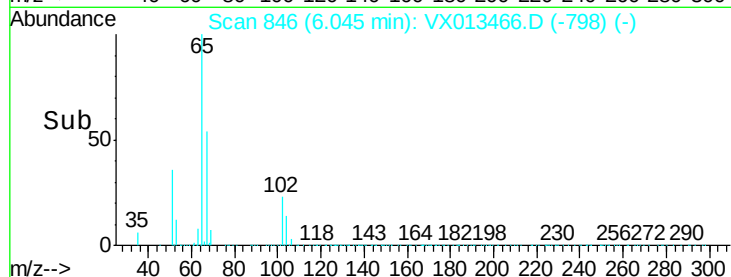
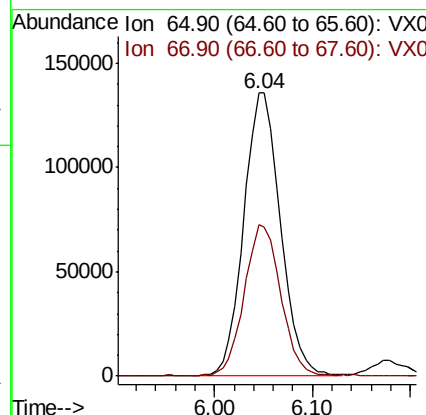
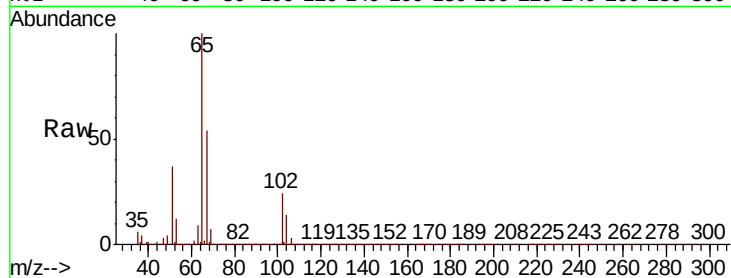
#33
 1,2-Dichloroethane-d4
 Concen: 43.238 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.2

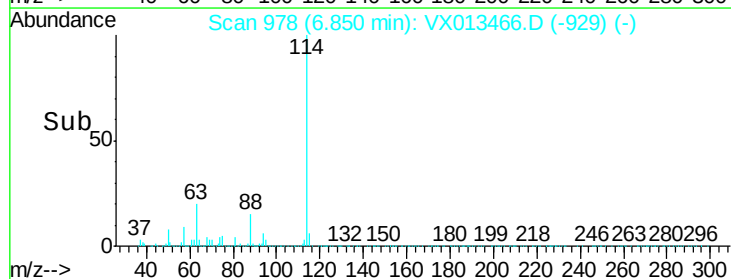
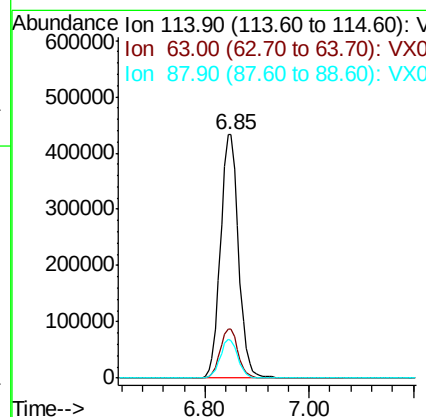
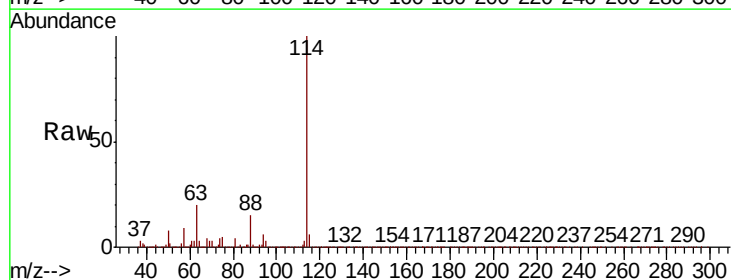
Manual Integrations
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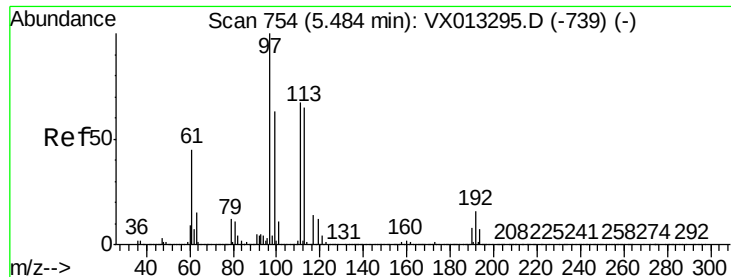
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.4
88	15.2	0.0	32.2





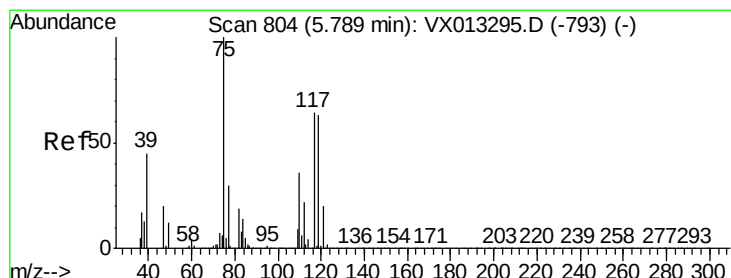
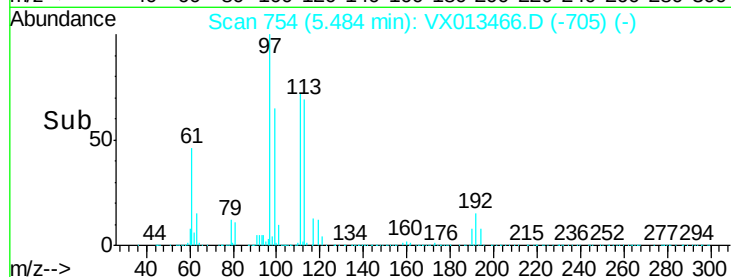
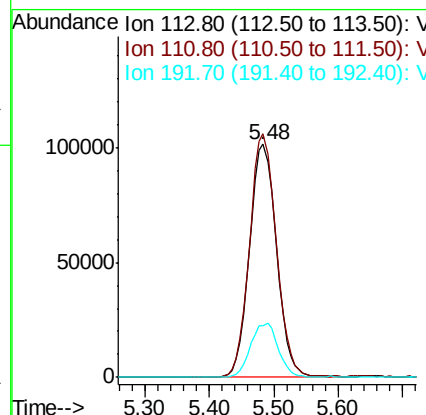
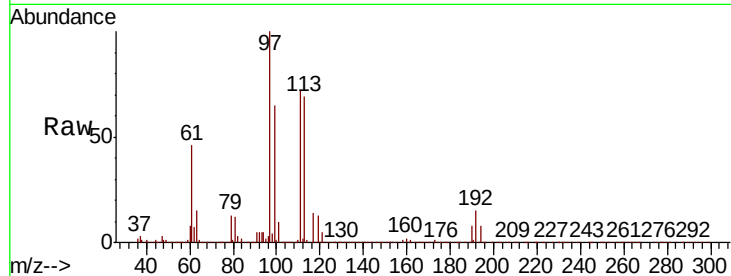
#35
Dibromofluoromethane
Concen: 44.088 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	290826		
111	103.8	81.9	122.9	
192	23.7	19.1	28.7	

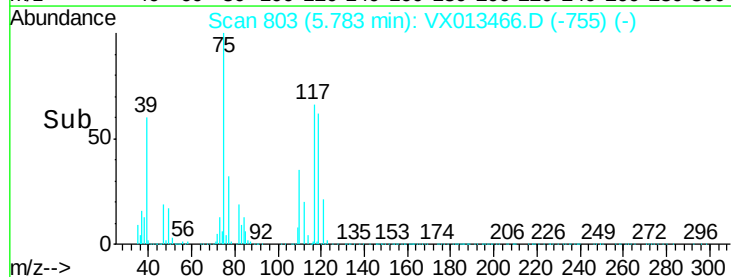
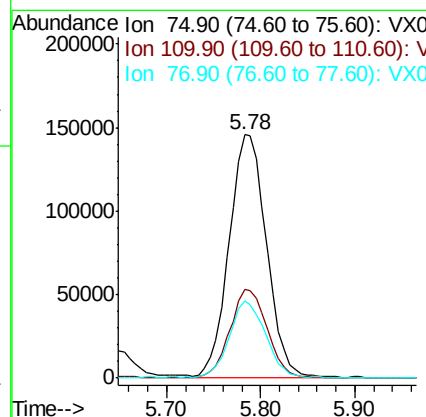
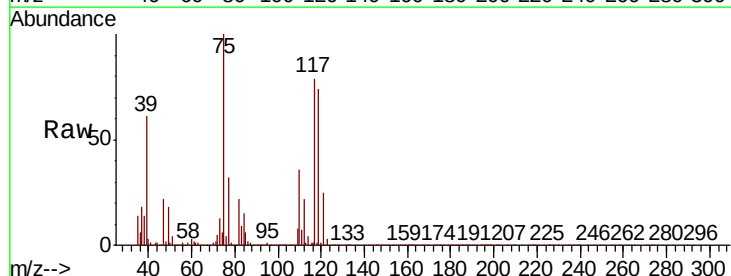
Manual Integrations
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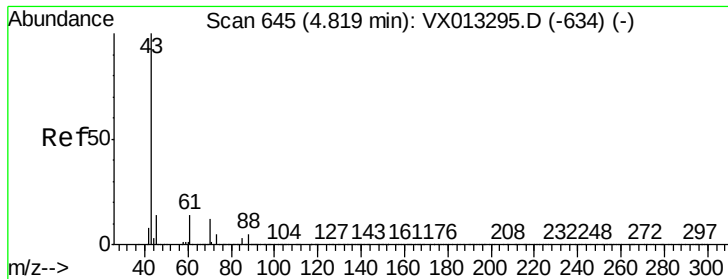
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#36
1,1-Dichloropropene
Concen: 44.557 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	402011		
110	36.2	18.1	54.1	
77	30.6	25.0	37.4	





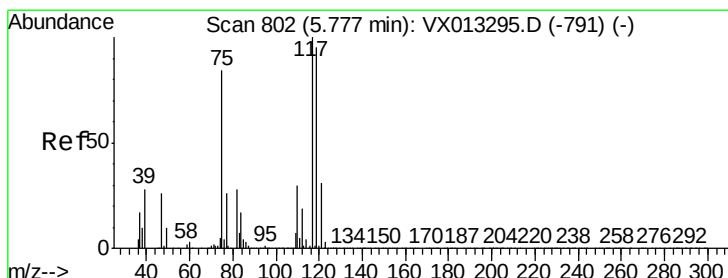
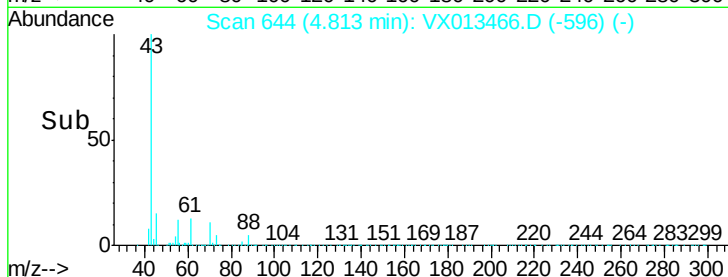
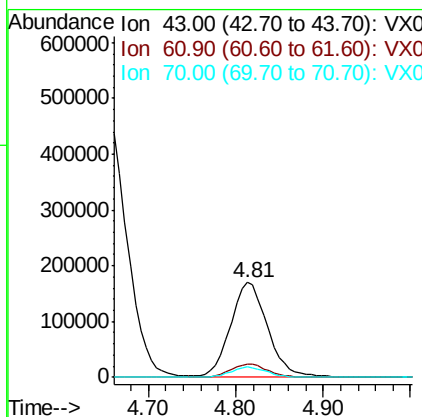
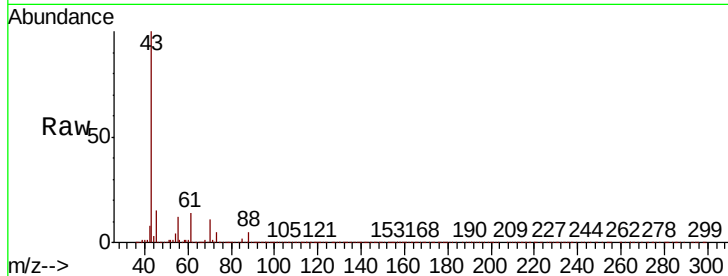
#37
Ethyl Acetate
Concen: 44.133 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	492032
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.7	16.1
70	10.9	8.7	13.1

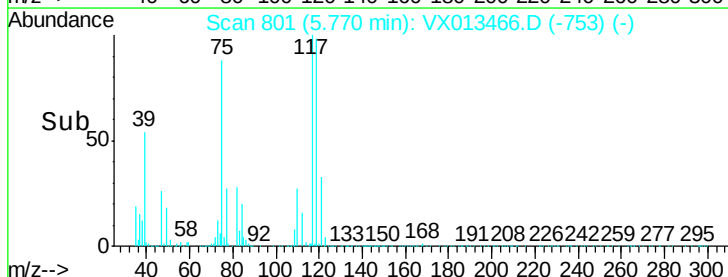
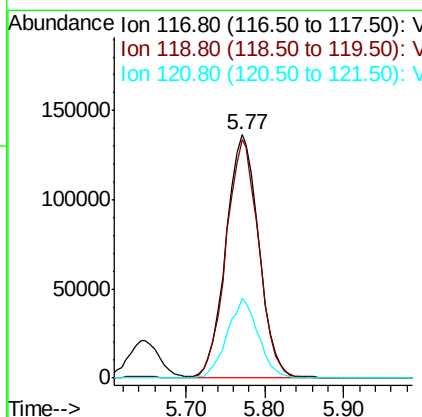
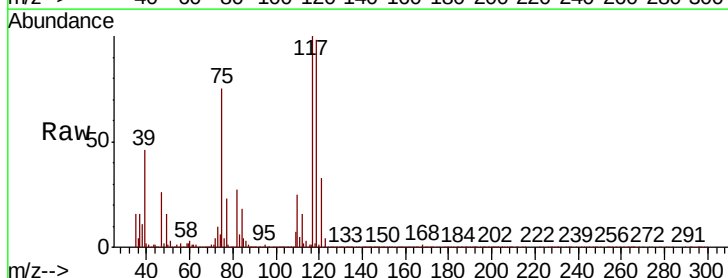
Manual Integrations
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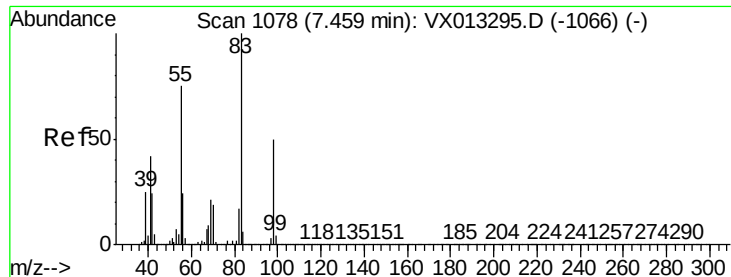
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#38
Carbon Tetrachloride
Concen: 44.724 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion:	117	Resp:	394591
Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.1	114.1
121	32.8	24.6	37.0





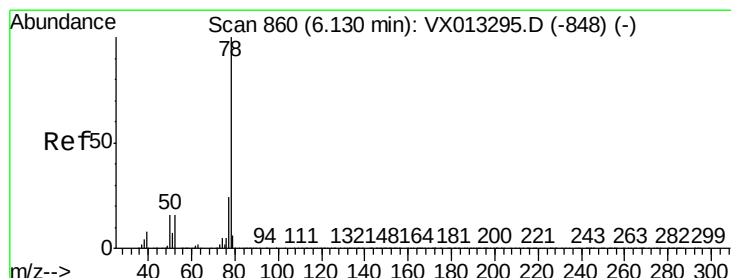
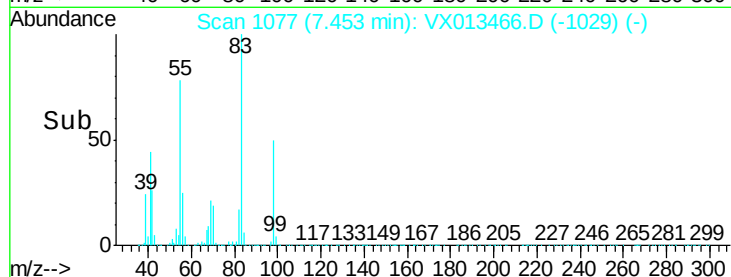
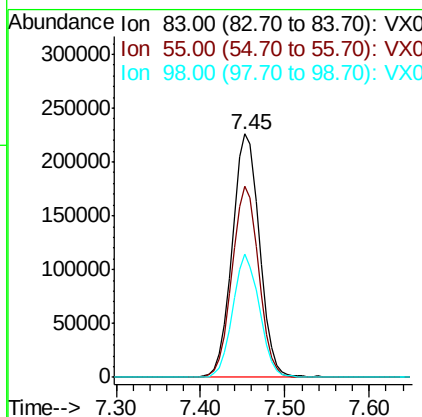
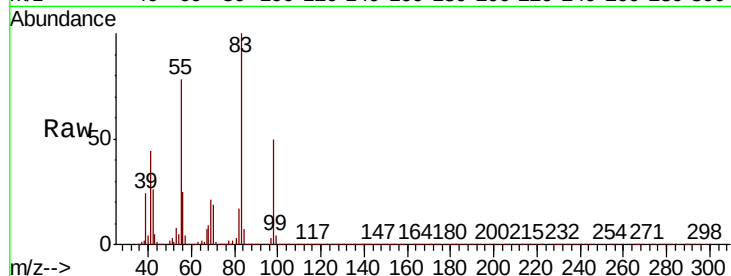
#39
Methylvlcyclohexane
Concen: 43.932 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	60.3	90.5
98	50.4	40.3	60.5

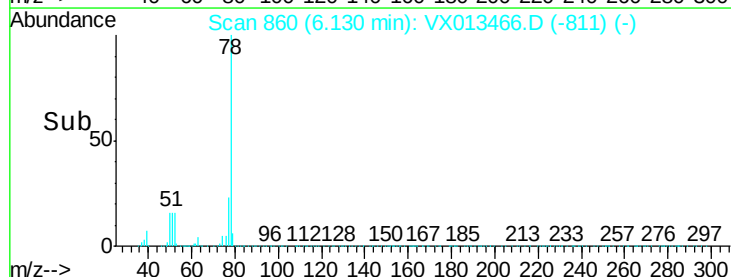
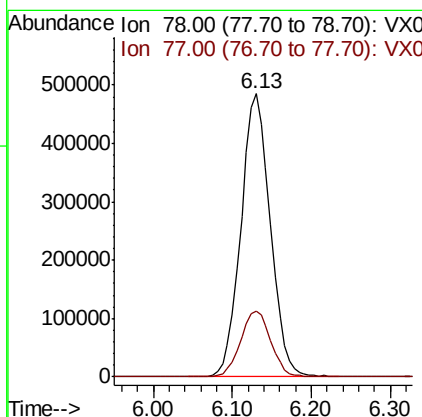
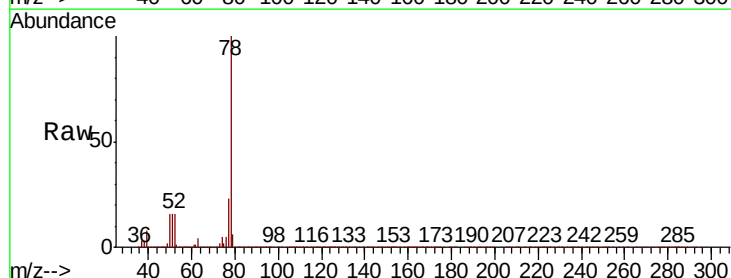
Manual Integrations
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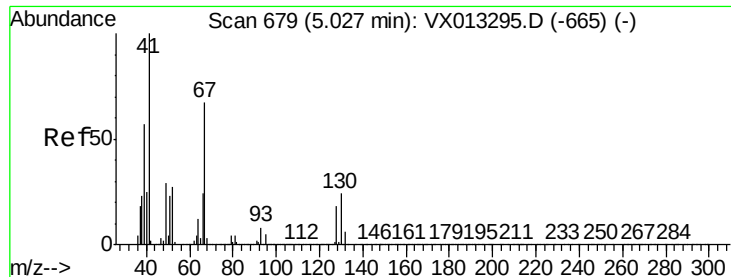
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#40
Benzene
Concen: 44.657 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.5	29.3





#41

Methacrylonitrile

Concen: 45.832 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

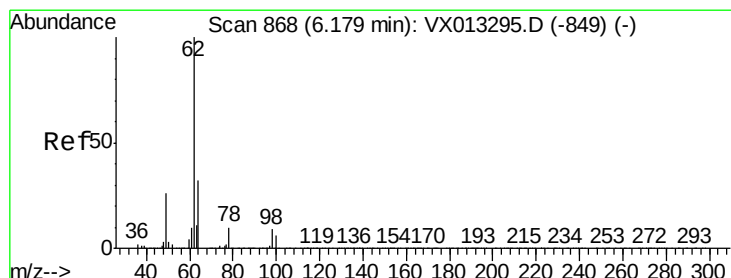
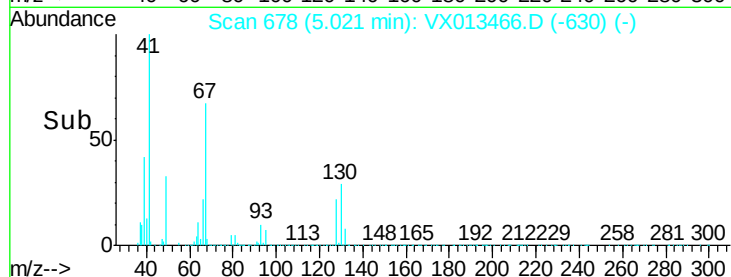
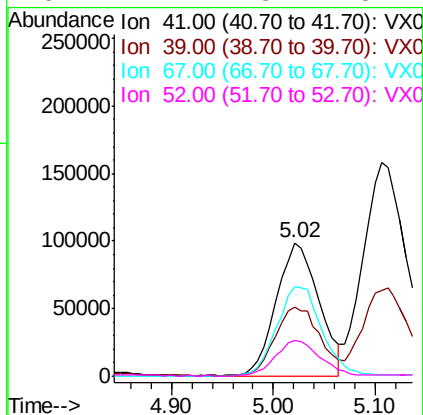
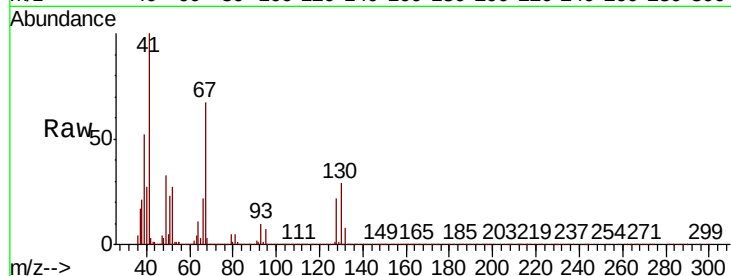
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.2	45.0	67.6
67	70.5	55.4	83.2
52	27.7	23.1	34.7

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 44.245 ug/l

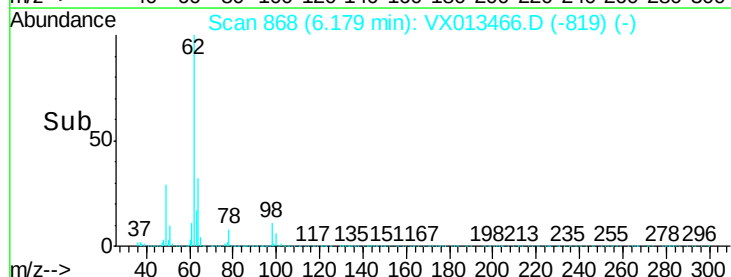
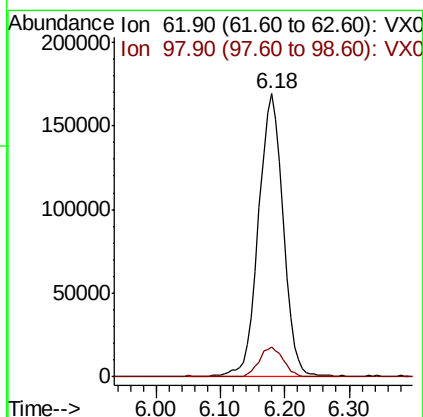
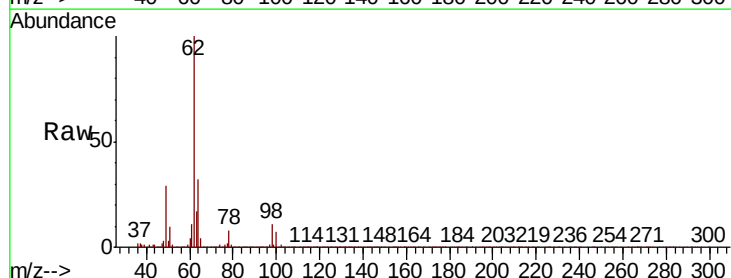
RT: 6.18 min Scan# 868

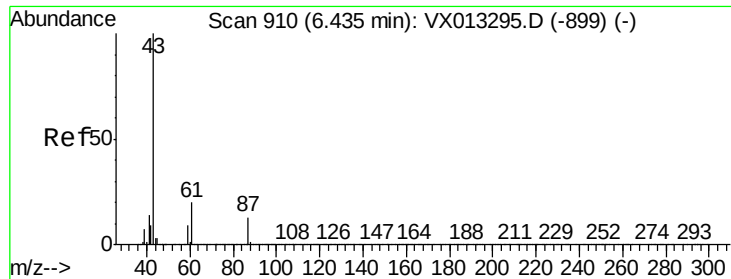
Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.4





#43

Isopropyl Acetate

Concen: 47.312 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

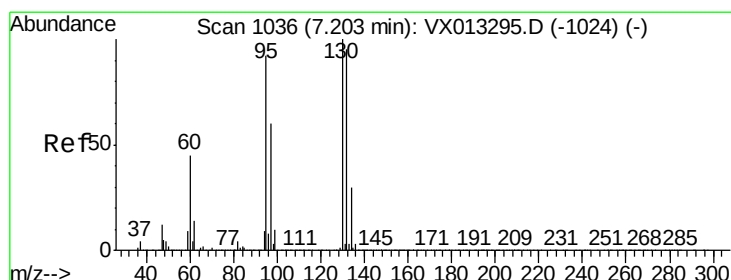
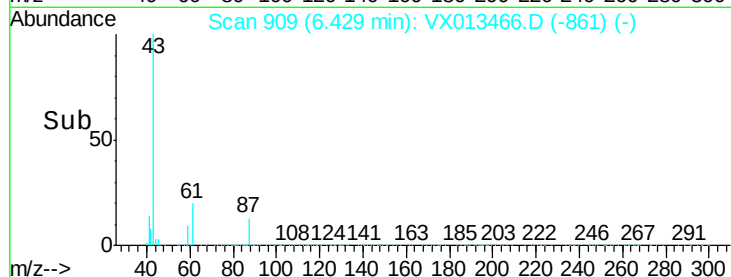
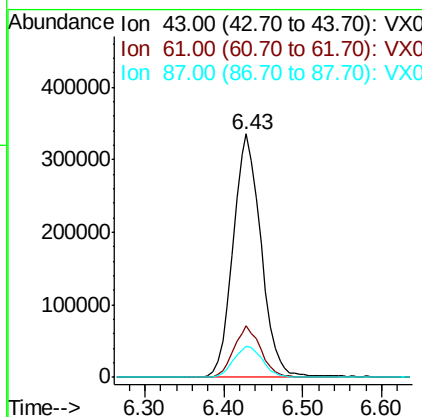
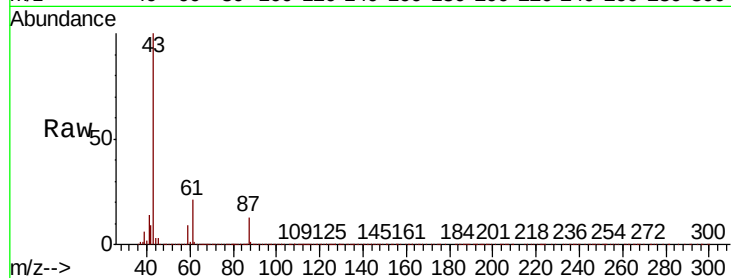
ClientSampleId :

VSTDCCC050EC

Tot Ion	43	Resp	821358
Ion Ratio	Lower	Upper	
43	100		
61	20.3	15.8	23.8
87	13.2	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 43.342 ug/l

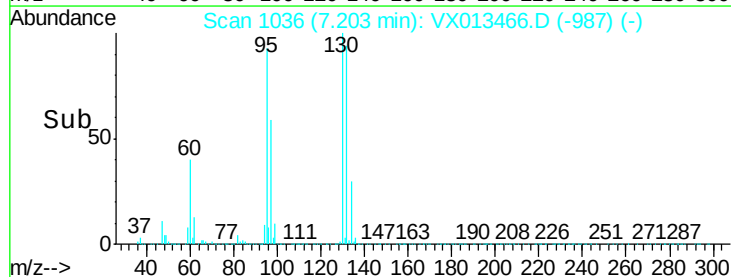
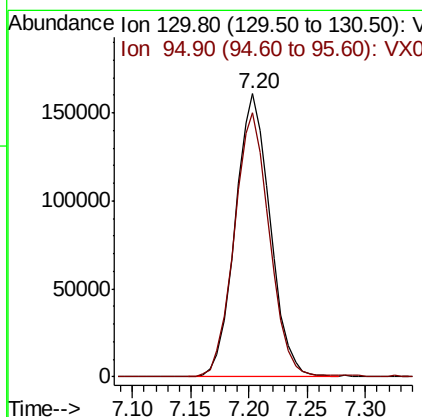
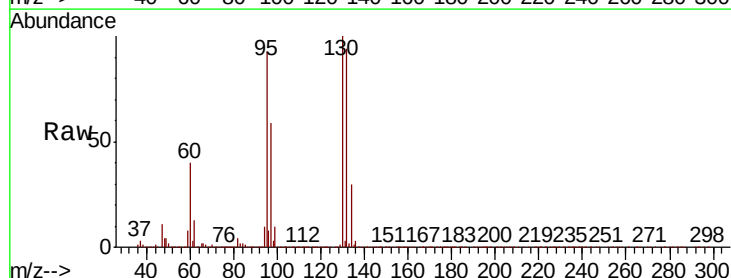
RT: 7.20 min Scan# 1036

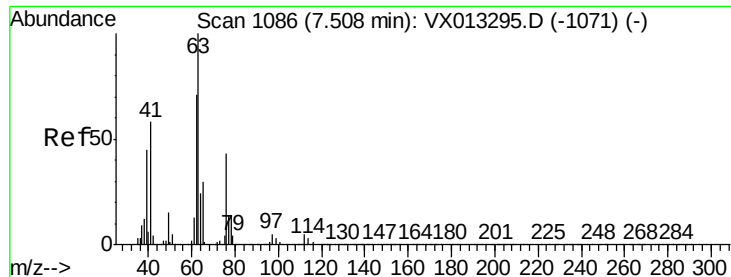
Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Tgt Ion	130	Resp	335306
Ion Ratio	Lower	Upper	
130	100		
95	93.2	0.0	184.8





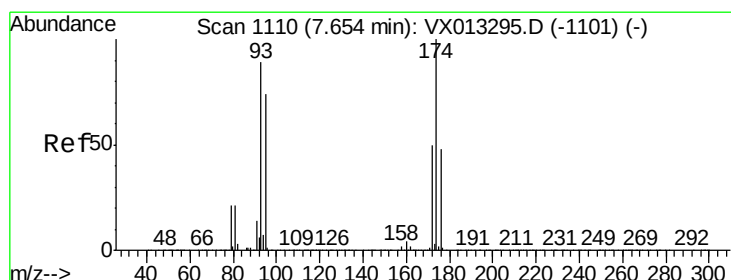
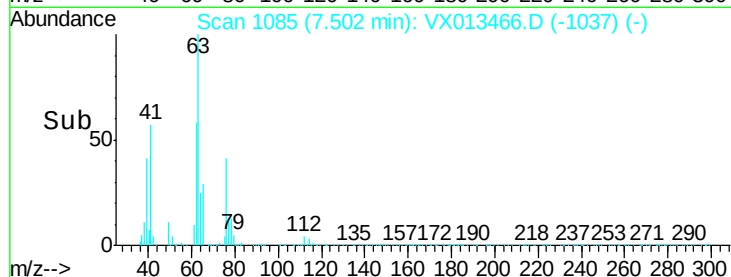
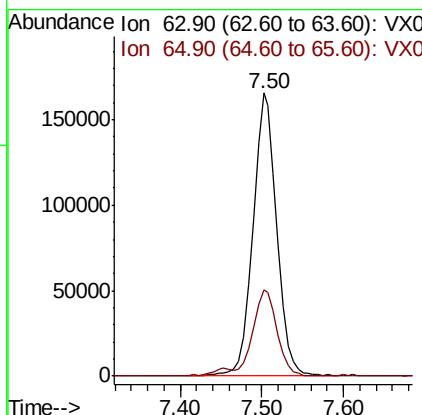
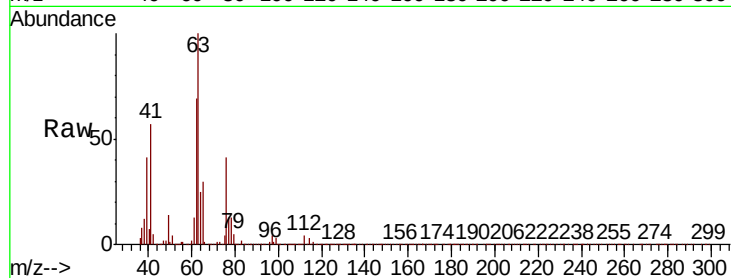
#45
 1,2-Dichloropropane
 Concen: 46.974 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.3	36.5

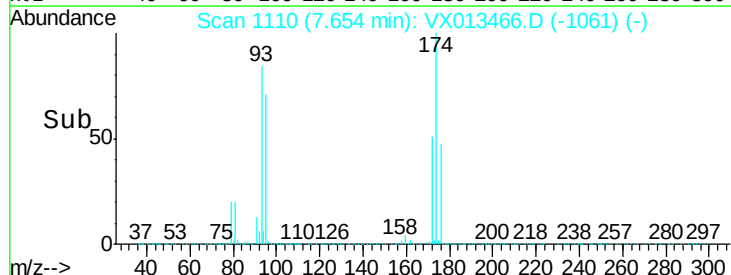
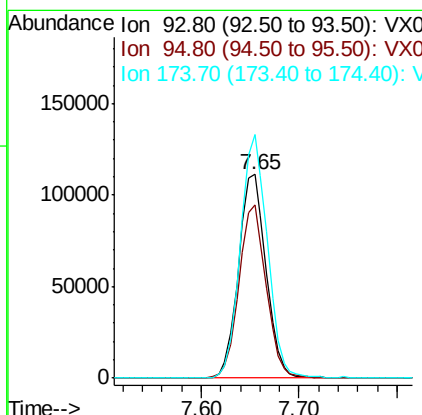
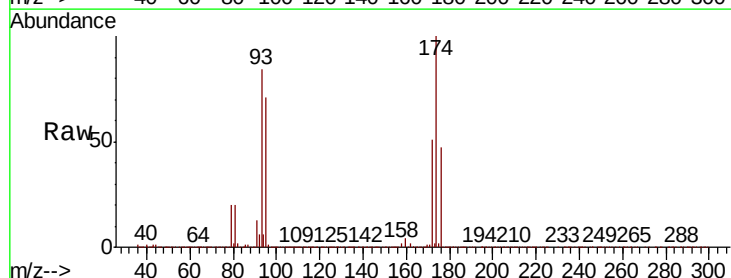
Manual Integrations
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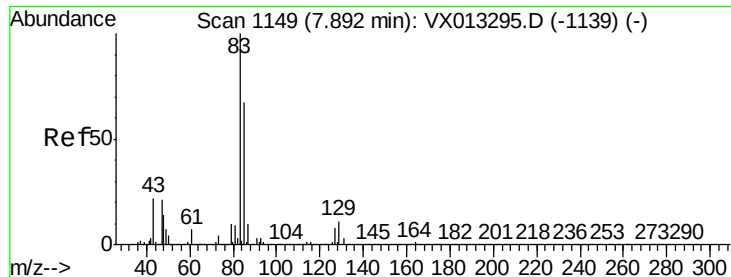
MMDadoda
 11/20/2019 9:18:11 AM



#46
 Dibromomethane
 Concen: 44.471 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.8	98.6
174	117.3	90.4	135.6





#47

Bromodichloromethane

Concen: 48.018 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

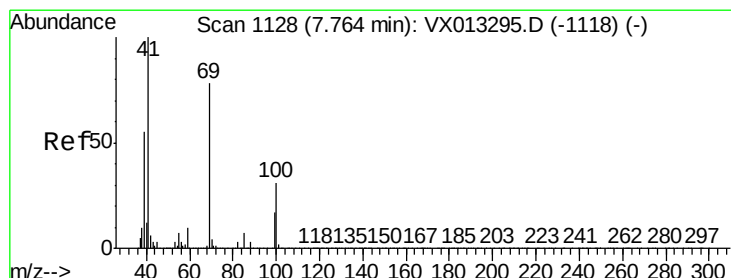
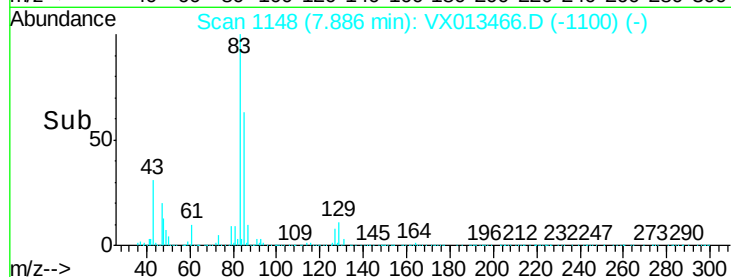
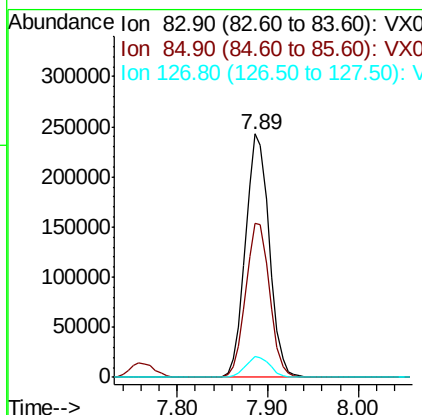
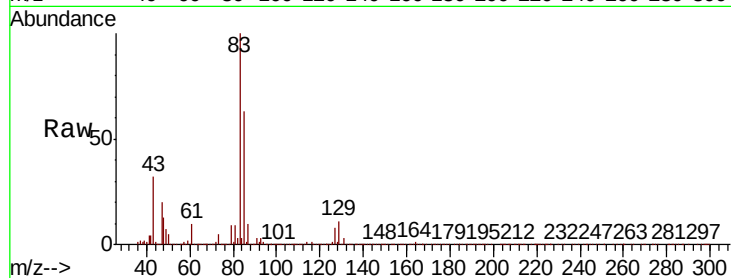
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	442719
Ion Ratio	Lower	Upper	
83	100		
85	63.2	53.7	80.5
127	8.3	6.4	9.6

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 46.993 ug/l

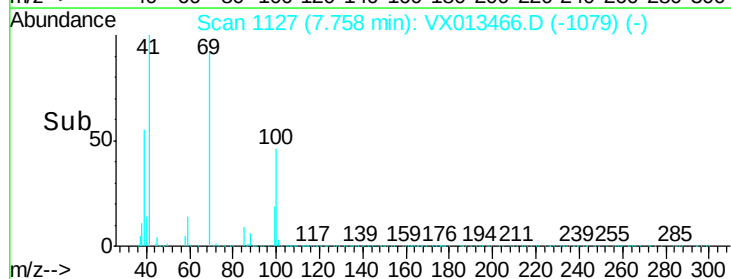
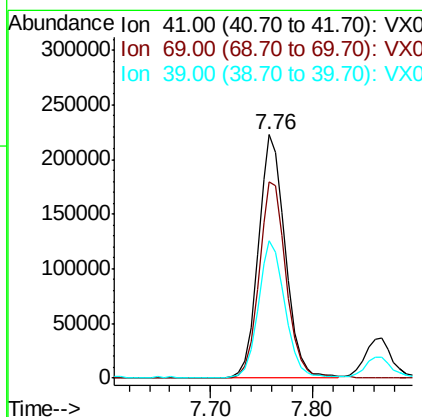
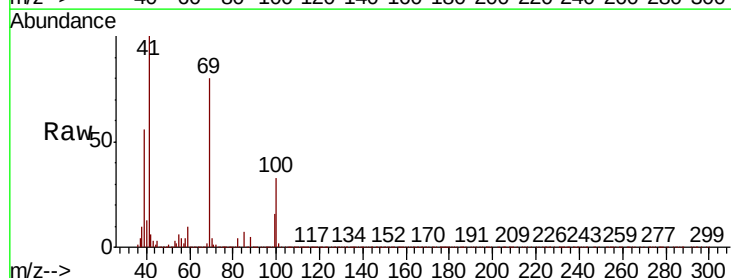
RT: 7.76 min Scan# 1127

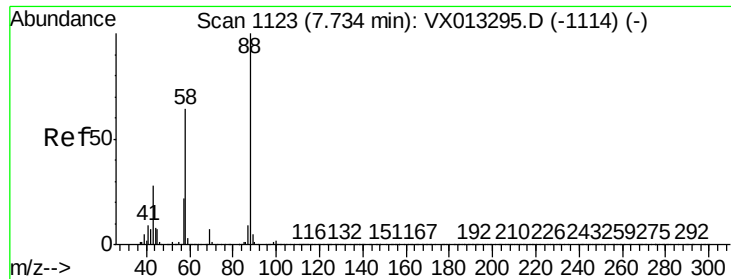
Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Tgt Ion:	41	Resp:	407237
Ion Ratio	Lower	Upper	
41	100		
69	81.4	63.0	94.6
39	56.5	45.9	68.9





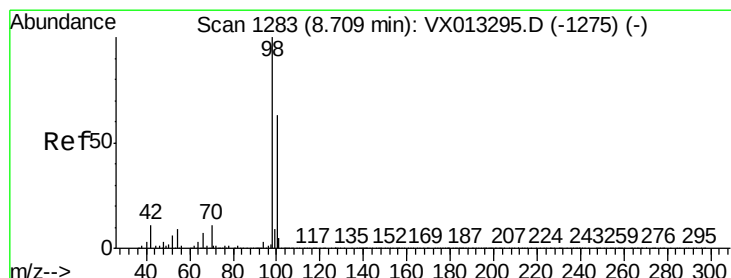
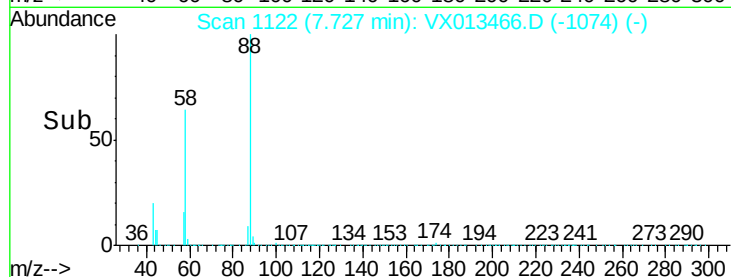
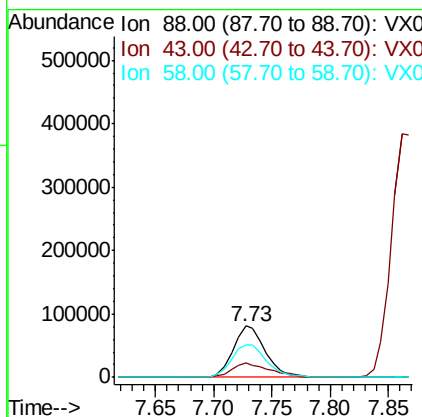
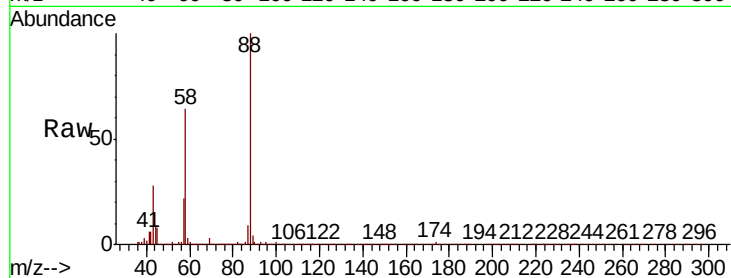
#49
1,4-Dioxane
Concen: 765.078 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	26.6	39.8
58	71.7	55.0	82.6

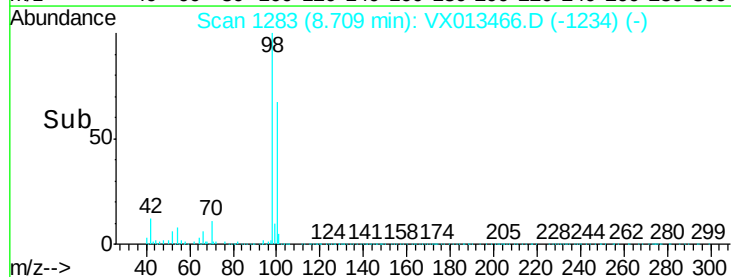
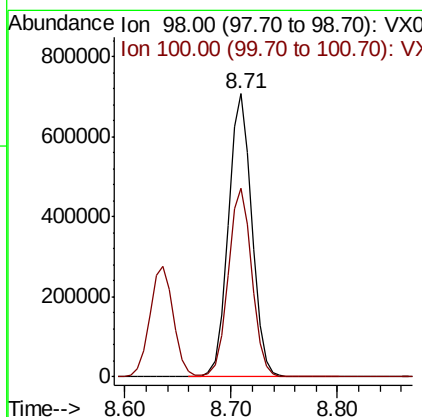
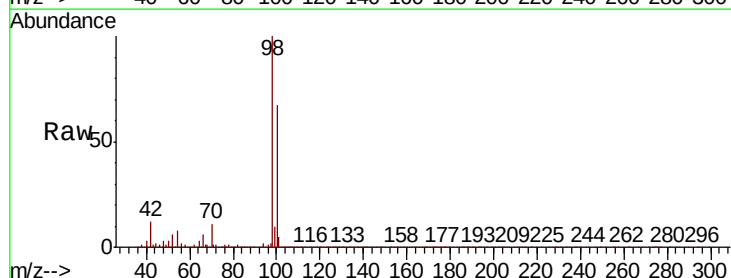
Manual Integrations
APPROVED

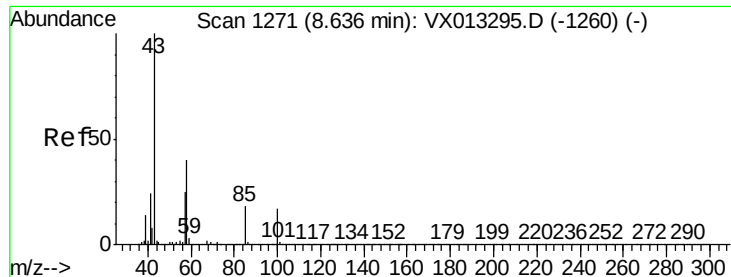
MMDadoda
11/20/2019 9:18:11 AM



#50
Toluene-d8
Concen: 43.919 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 227.834 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Tot Ion: 43 Resp: 2595041

Ion Ratio Lower Upper

43 100

58 39.7 31.4 47.0

Instrument :

MSVOA_X

ClientSampleId :

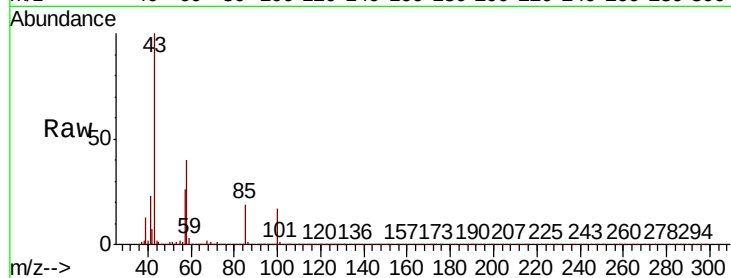
VSTDCCC050EC

Manual Integrations

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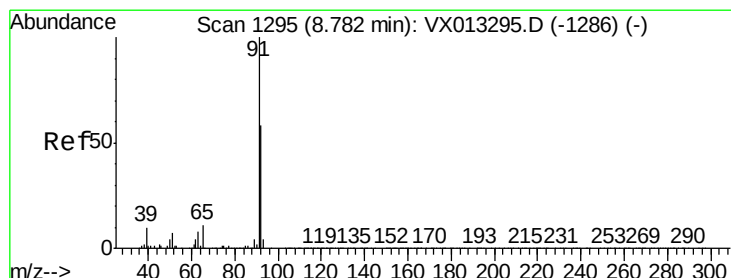
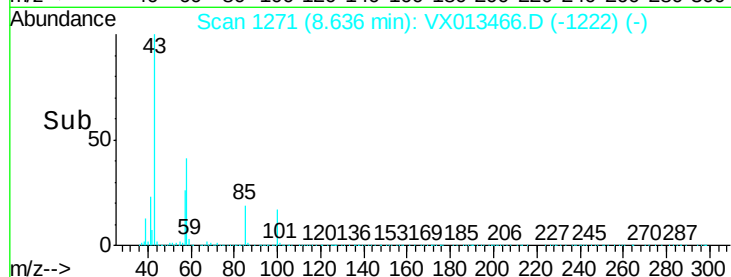
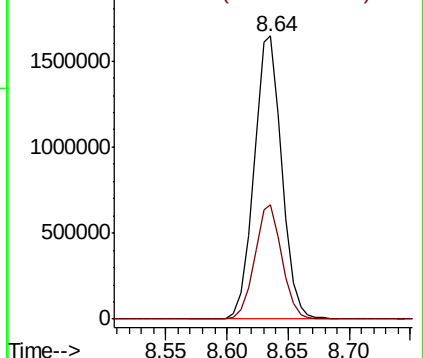
MMDadoda

11/20/2019 9:18:11 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 45.632 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013466.D

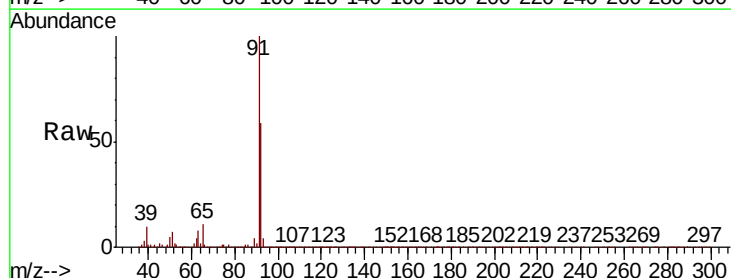
Acq: 19 Nov 2019 16:55

Tgt Ion: 92 Resp: 794863

Ion Ratio Lower Upper

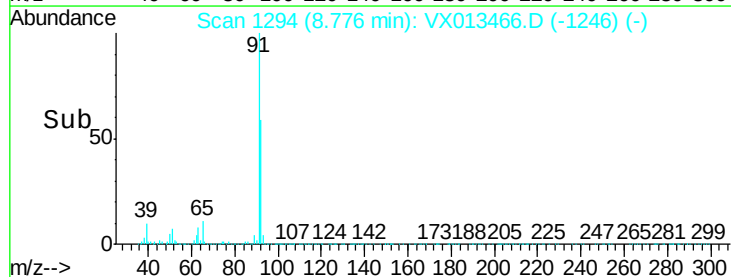
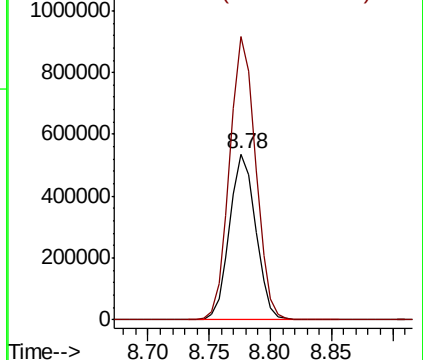
92 100

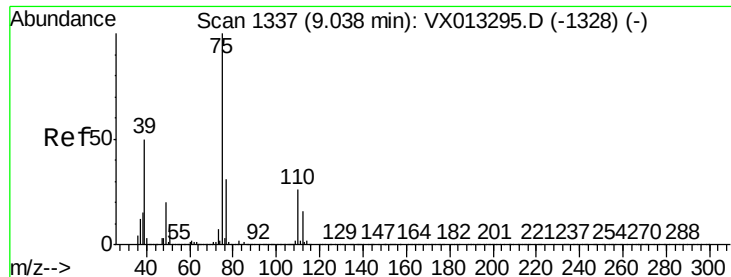
91 169.9 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





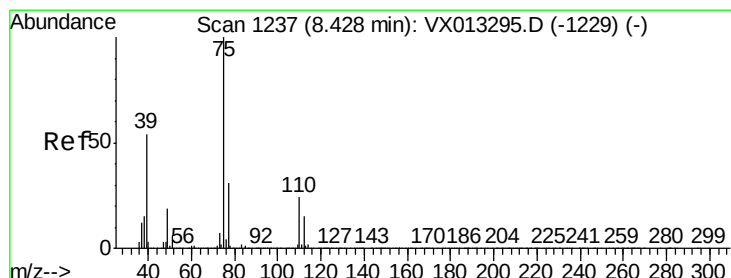
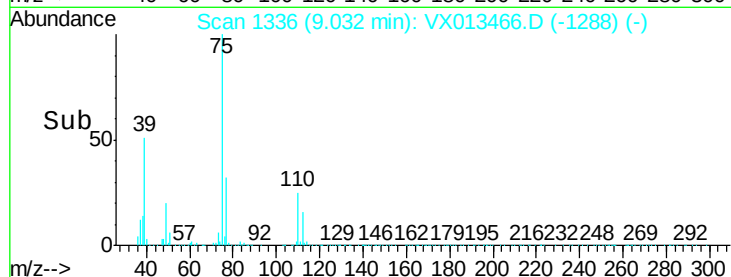
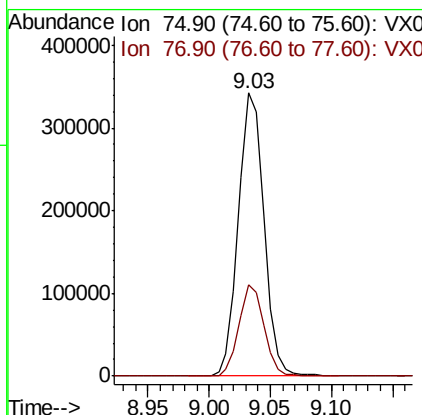
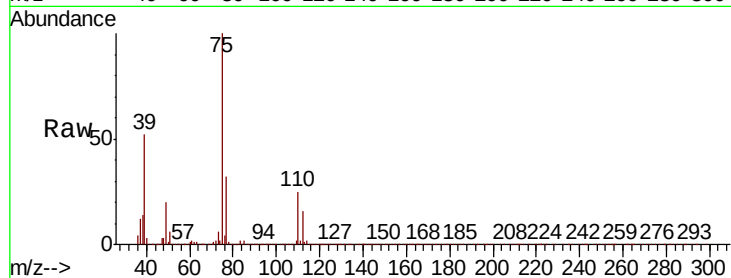
#53
t-1,3-Dichloropropene
Concen: 49.073 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.0	37.4

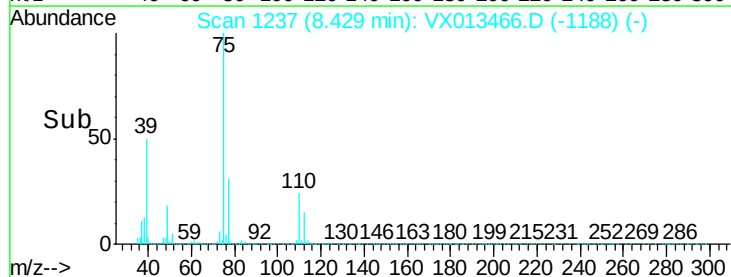
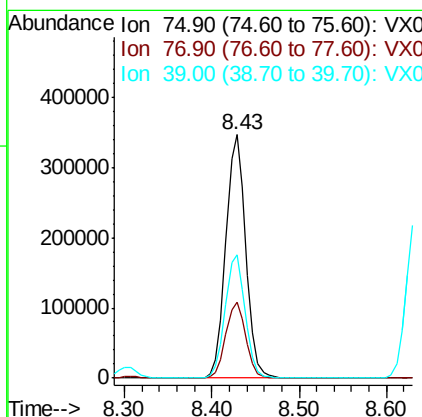
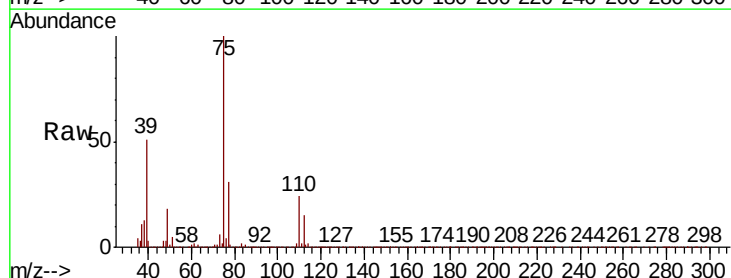
Manual Integrations
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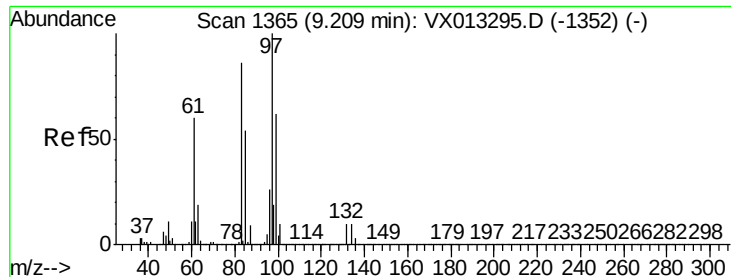
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 48.274 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.7	37.1
39	50.4	43.0	64.6





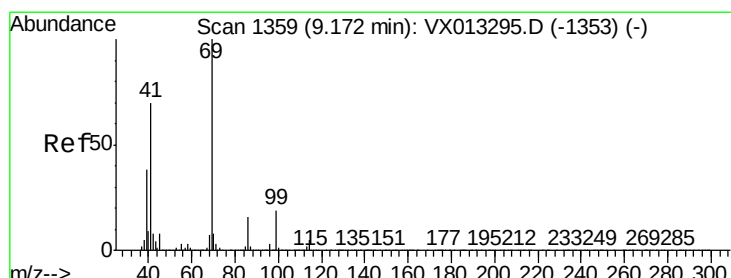
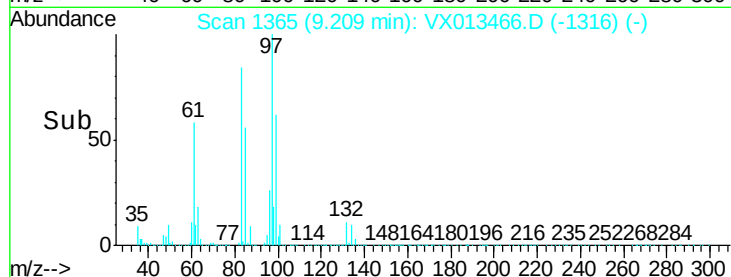
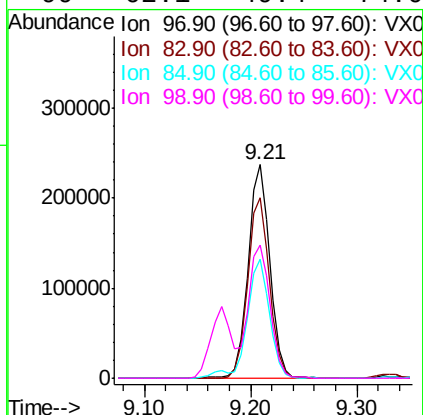
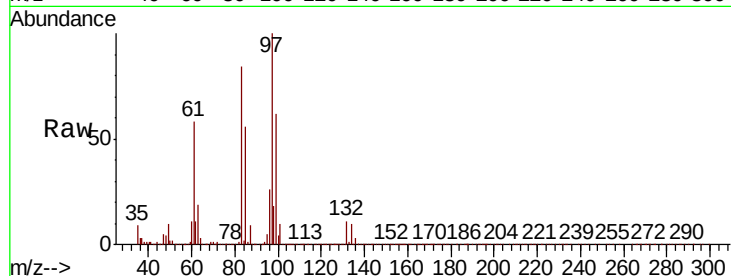
#55
 1,1,2-Trichloroethane
 Concen: 46.799 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		337891		
83	84.4	68.6	103.0		
85	55.9	43.1	64.7		
99	62.1	49.4	74.0		

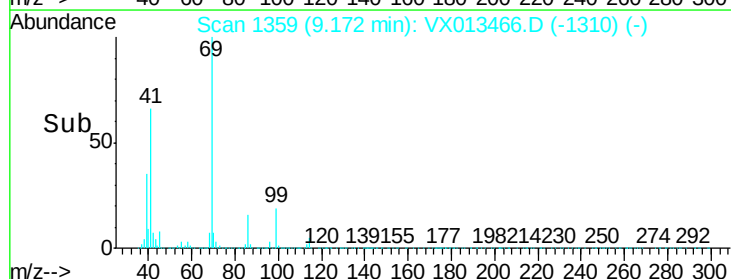
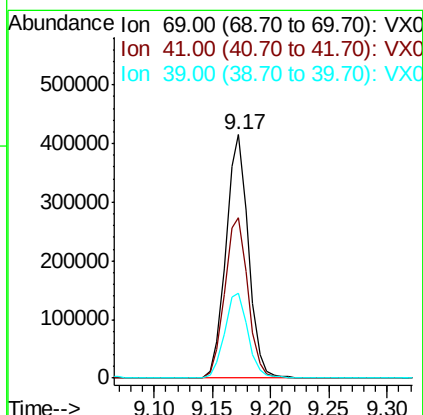
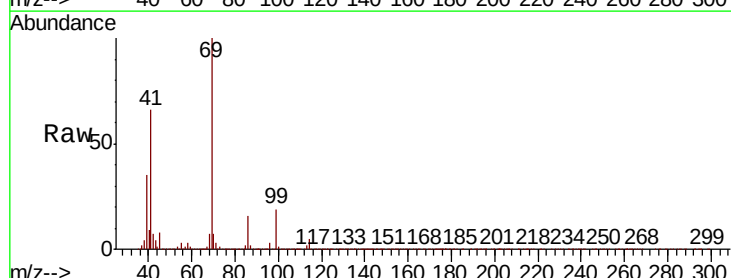
Manual Integrations
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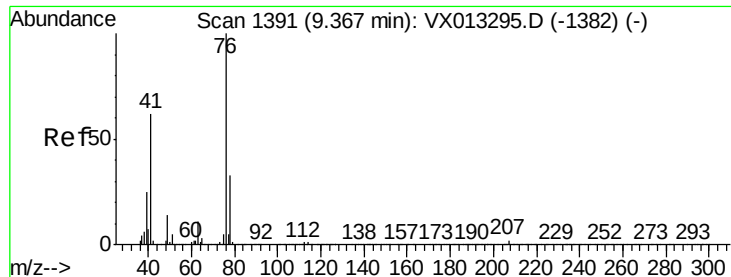
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 11/20/2019 9:18:11 AM



#56
 Ethyl methacrylate
 Concen: 45.084 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		553751		
41	67.7	56.2	84.2		
39	36.1	31.1	46.7		





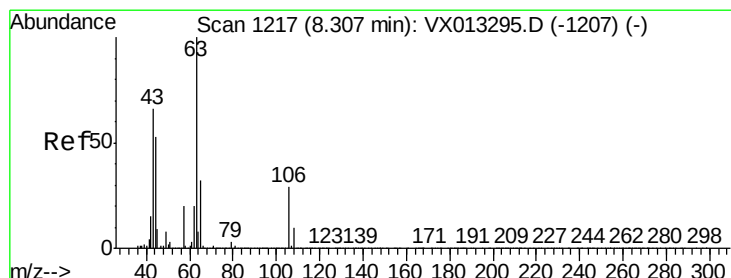
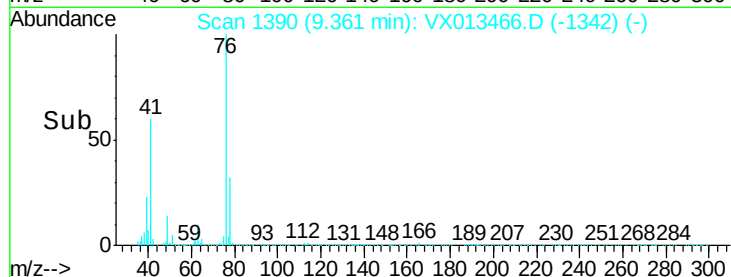
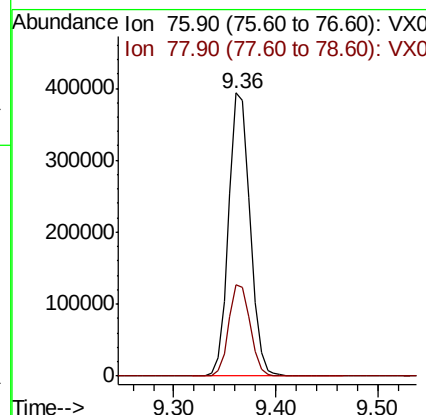
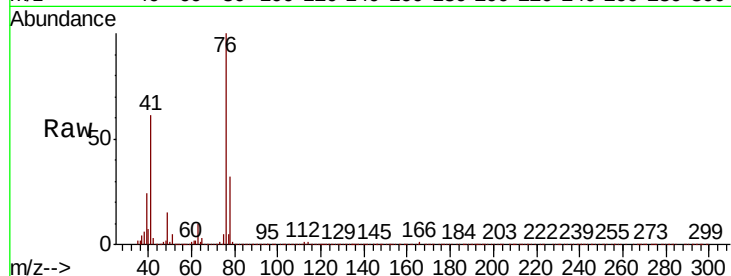
#57
 1,3-Dichloropropane
 Concen: 46.698 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

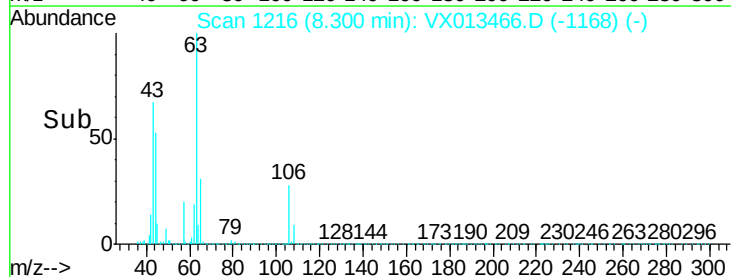
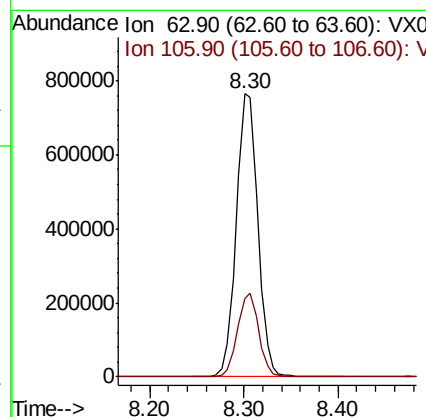
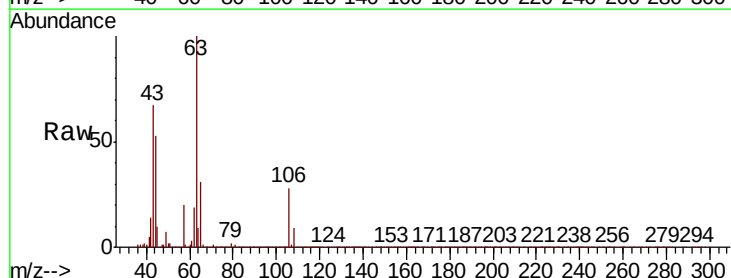
Manual Integrations
 APPROVED

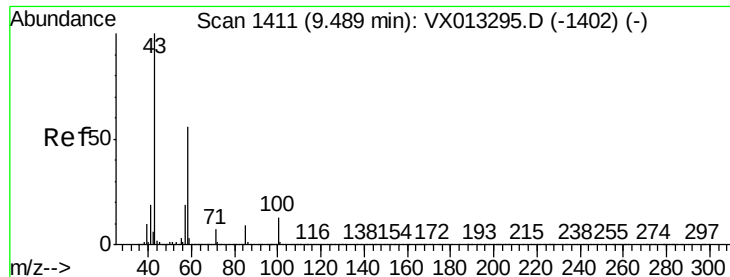
MMDadoda
 11/20/2019 9:18:11 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.987 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.4	35.2





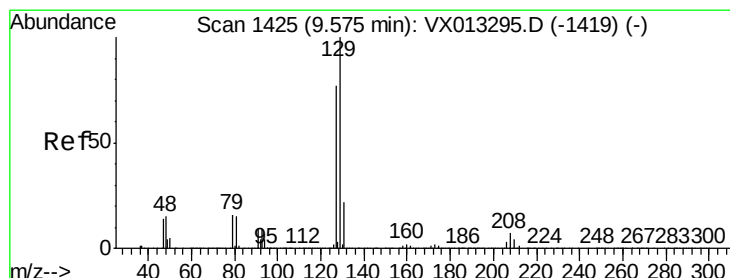
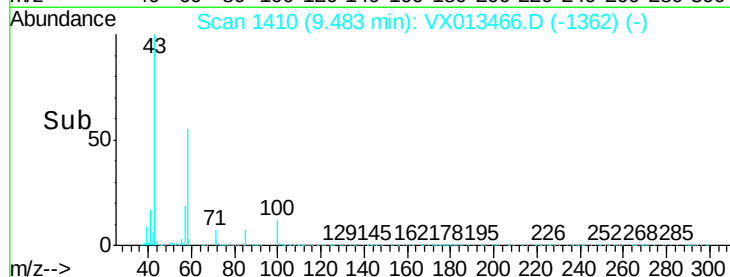
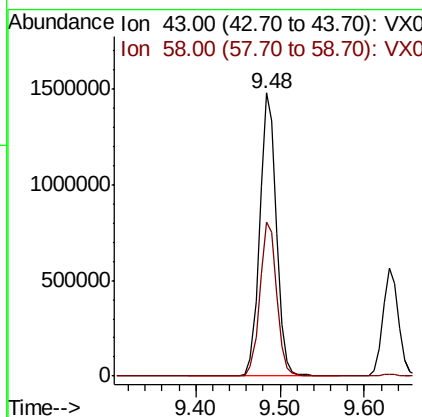
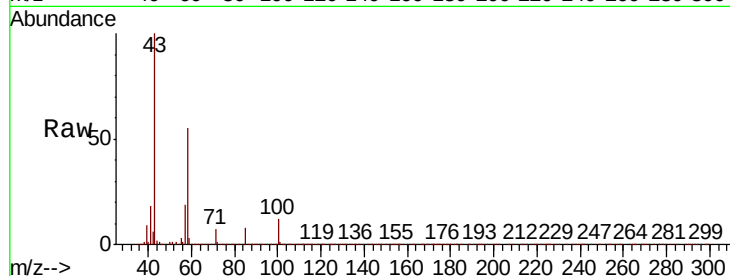
#59
2-Hexanone
Concen: 226.592 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1994454
Ion Ratio Lower Upper
43 100
58 55.2 27.3 81.8

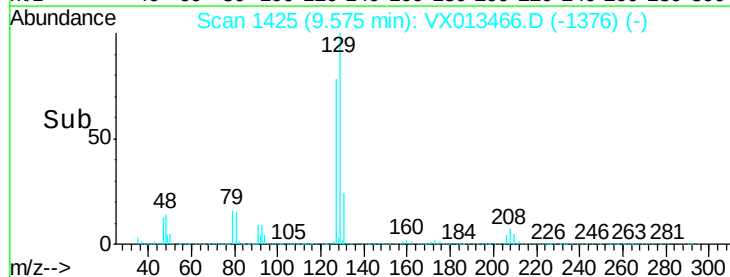
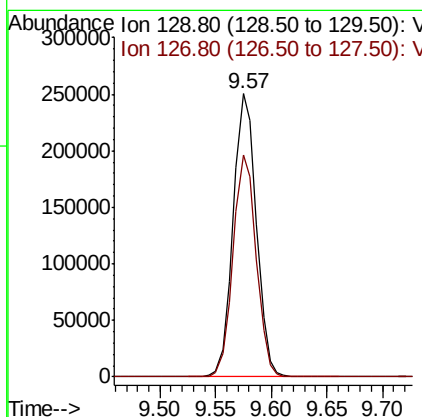
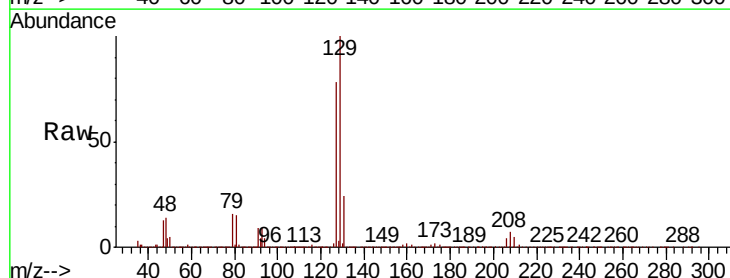
Manual Integrations
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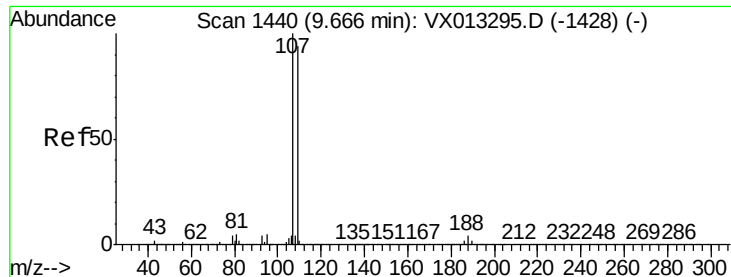
MMDadoda
11/20/2019 9:18:11 AM



#60
Dibromochloromethane
Concen: 48.847 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion: 129 Resp: 360695
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





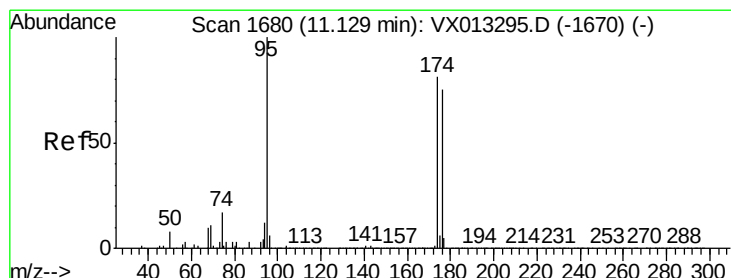
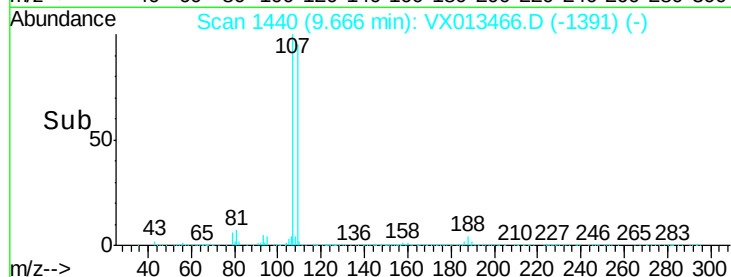
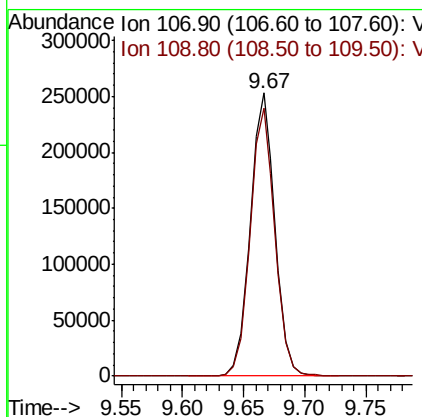
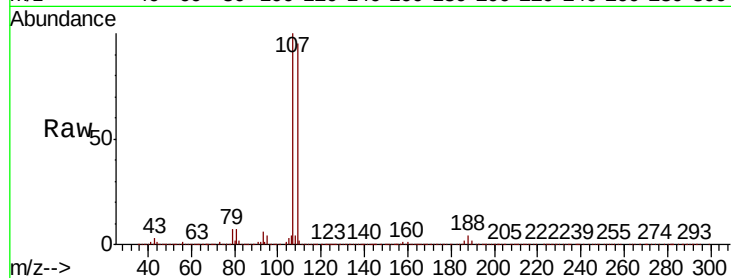
#61
 1,2-Dibromoethane
 Concen: 46.064 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.1	112.7

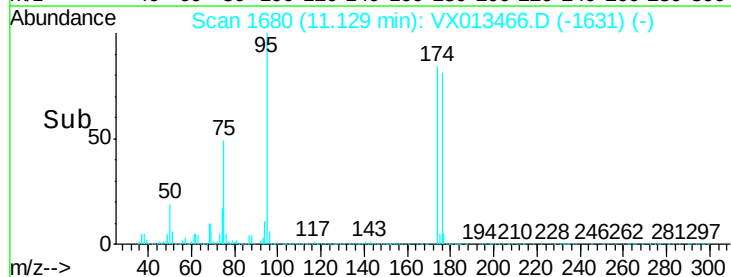
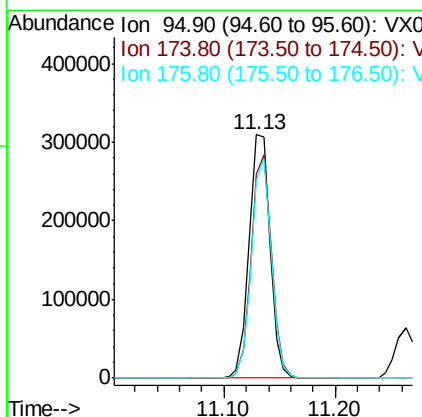
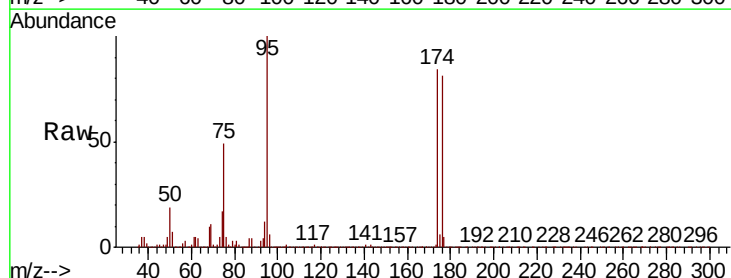
Manual Integrations
 APPROVED

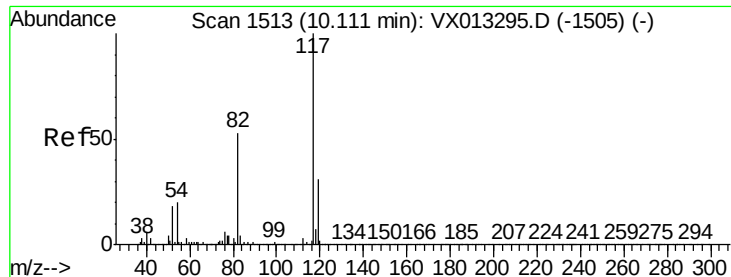
MMDadoda
 11/20/2019 9:18:11 AM



#62
 4-Bromofluorobenzene
 Concen: 45.320 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	179.8
176	85.7	0.0	173.0





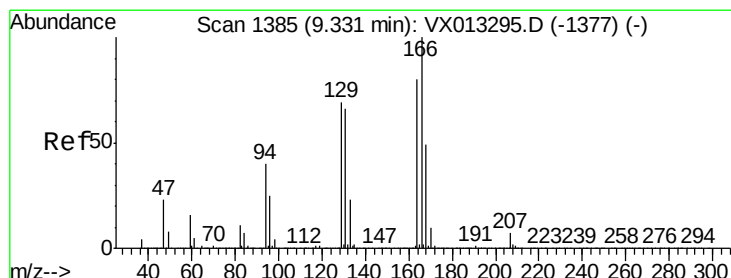
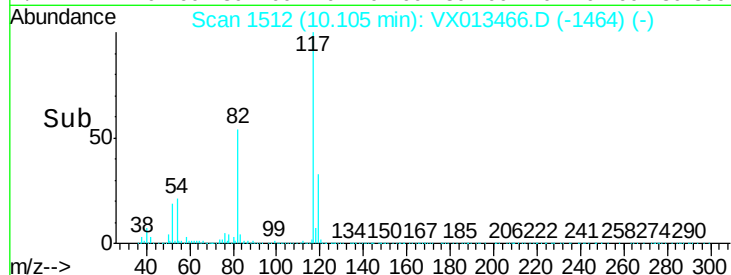
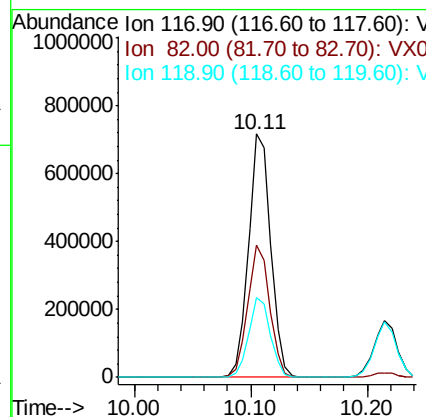
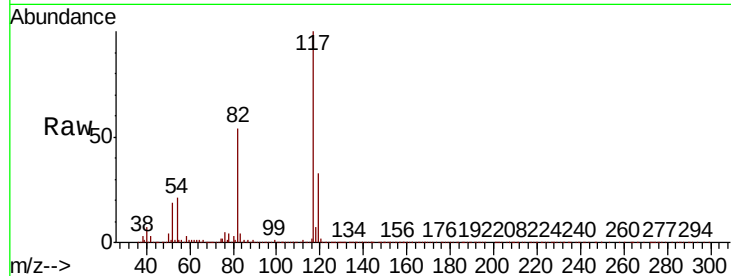
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	956025		
82	54.3		42.6	64.0
119	32.6		24.8	37.2

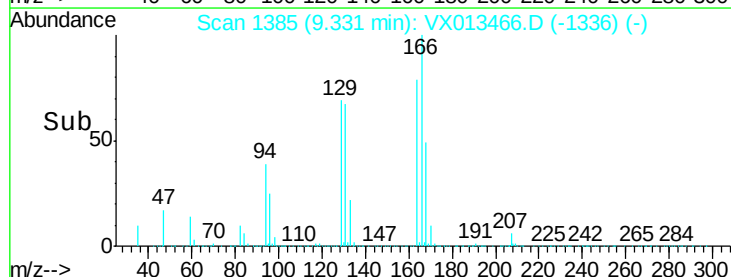
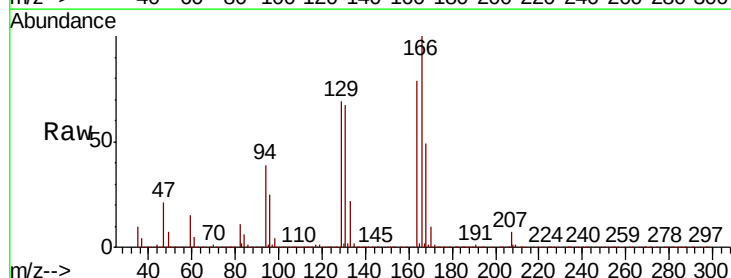
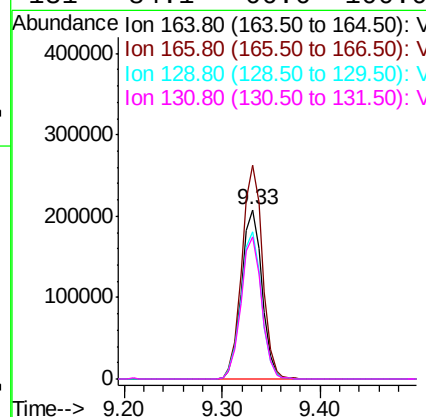
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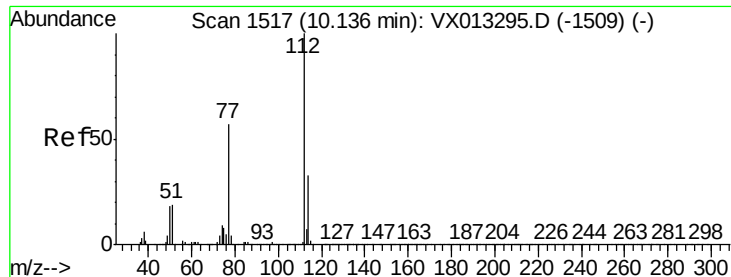
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#64
Tetrachloroethene
Concen: 44.323 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	303342		
166	126.0		100.4	150.6
129	86.9		69.4	104.2
131	84.1		66.6	100.0





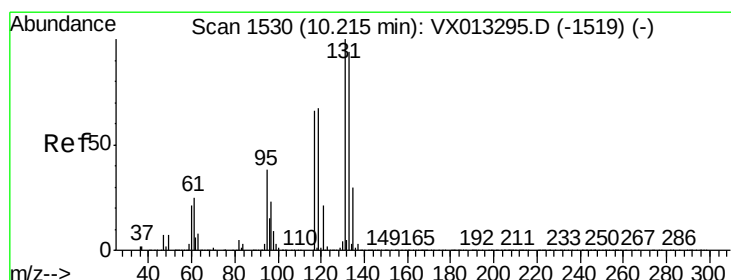
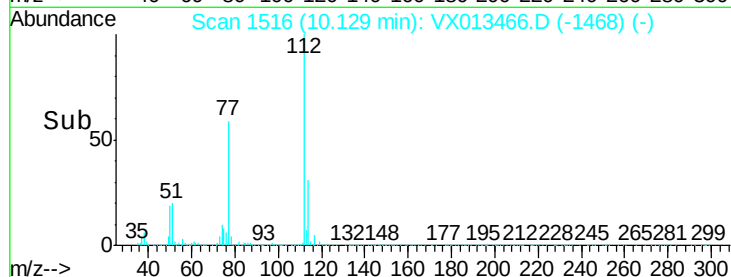
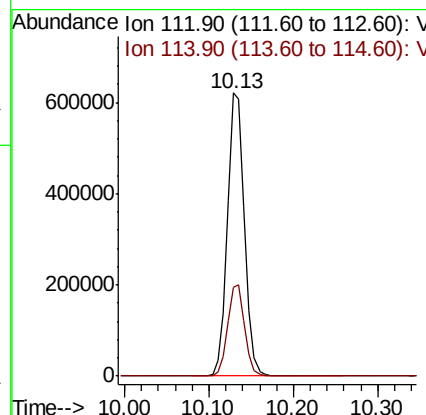
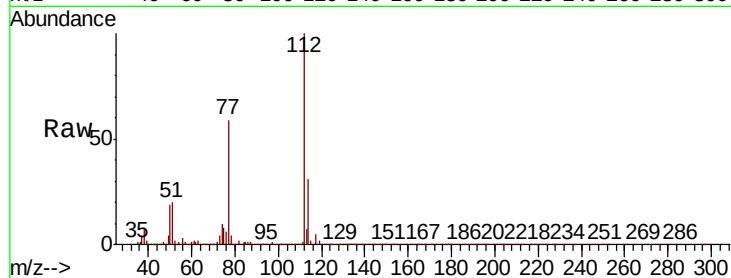
#65
Chlorobenzene
Concen: 44.623 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.4	39.6

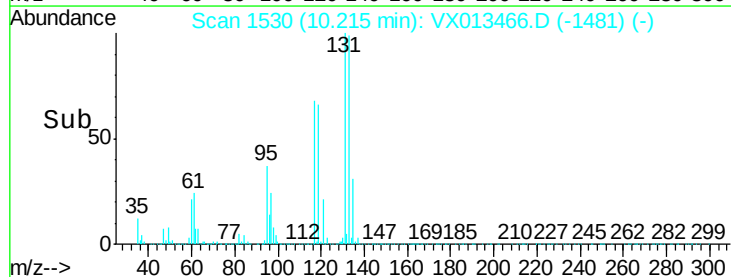
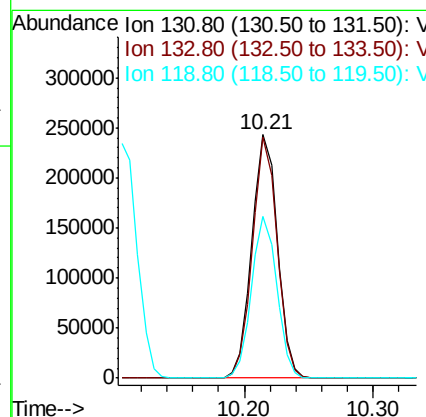
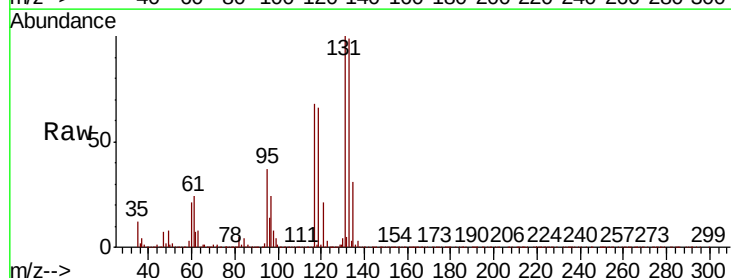
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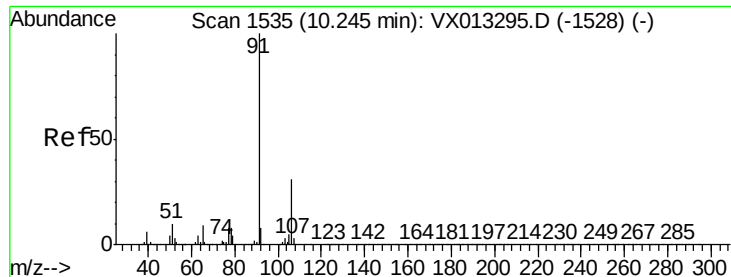
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.680 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.0	144.0
119	65.6	33.0	99.0





#67

Ethyl Benzene

Concen: 45.463 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1518702

Ion Ratio Lower Upper

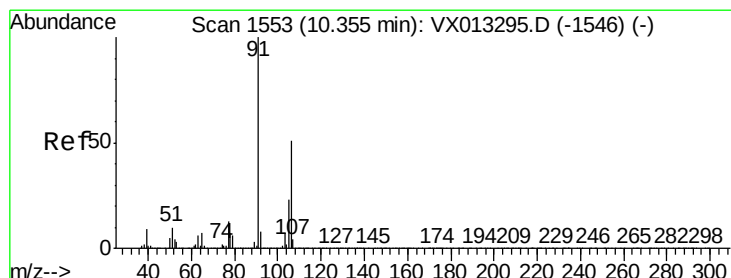
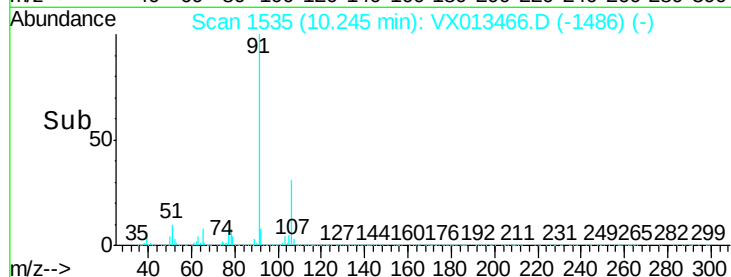
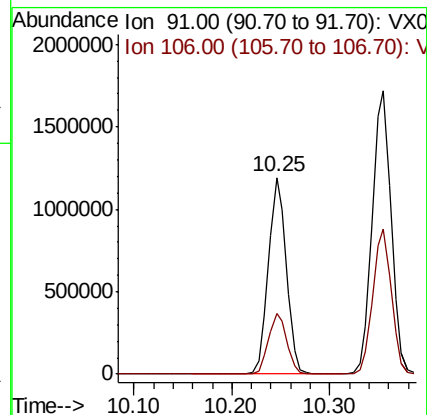
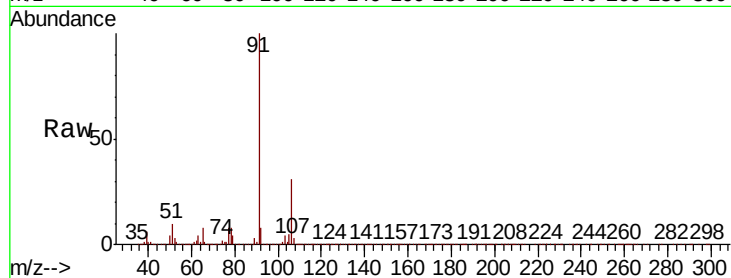
91 100

106 30.6 24.6 36.8

Manual Integrations
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#68

m/p-Xylenes

Concen: 92.122 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013466.D

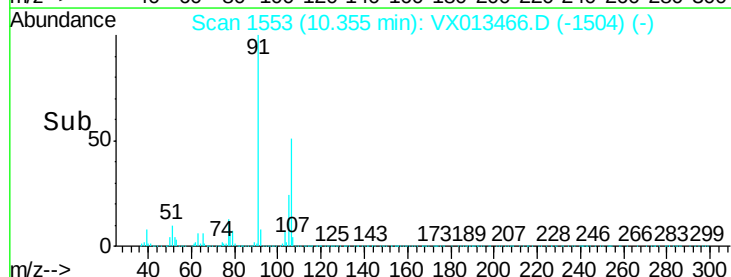
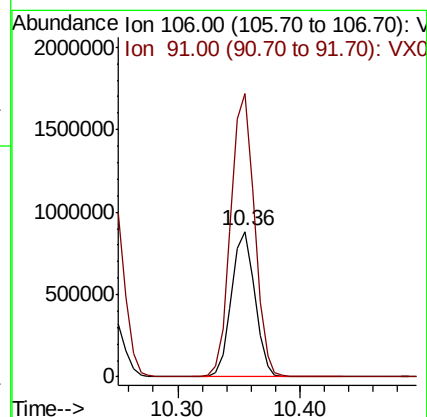
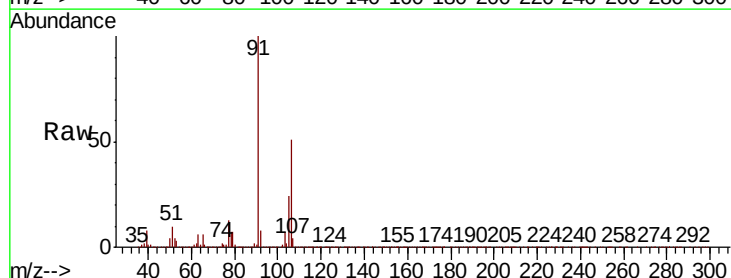
Acq: 19 Nov 2019 16:55

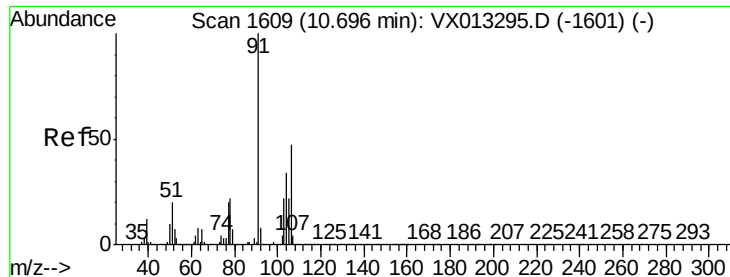
Tgt Ion: 106 Resp: 1163824

Ion Ratio Lower Upper

106 100

91 197.7 159.3 238.9





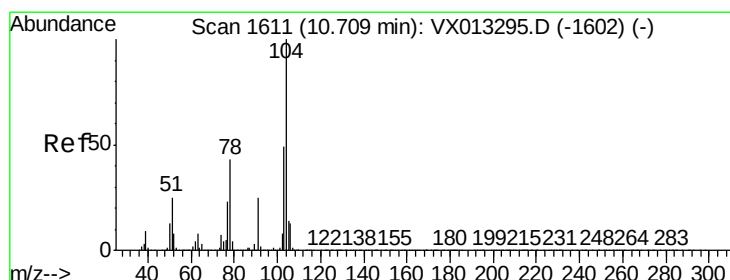
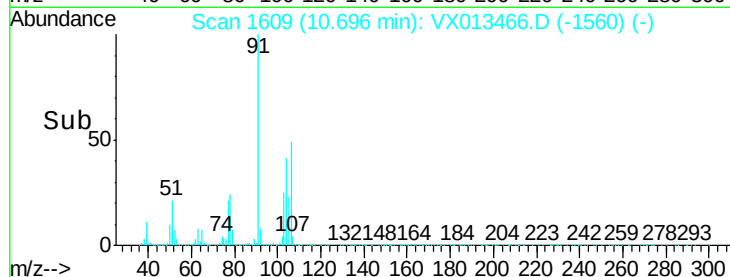
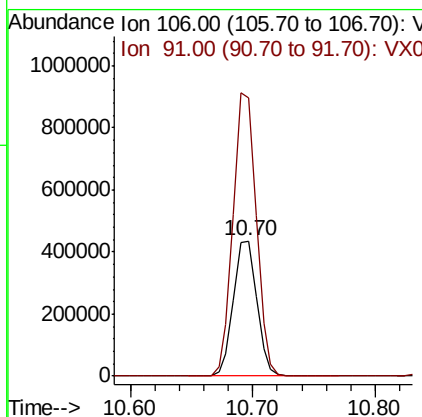
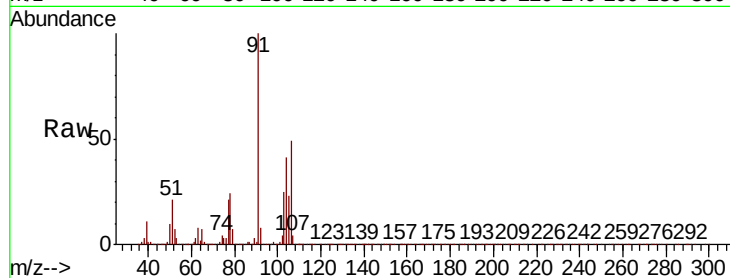
#69
o-Xylene
Concen: 46.500 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 575136
Ion Ratio Lower Upper
106 100
91 207.6 105.7 317.0

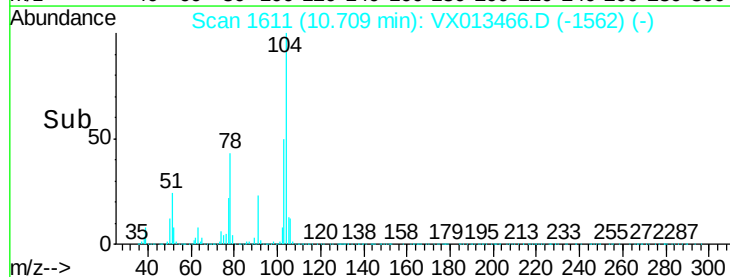
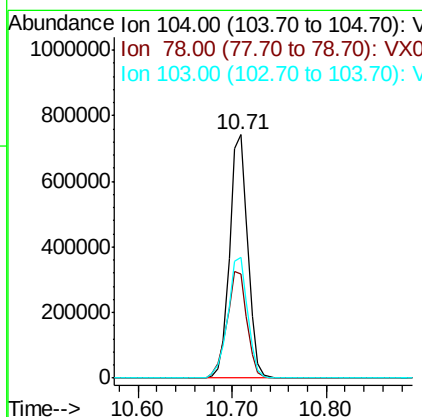
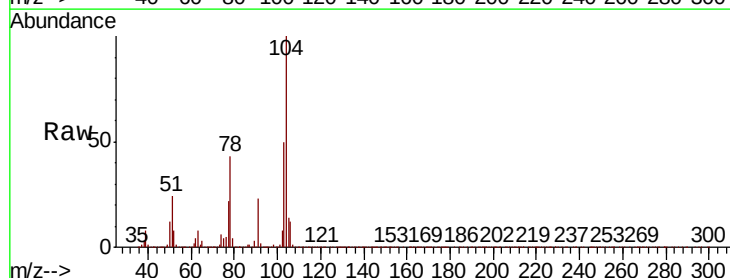
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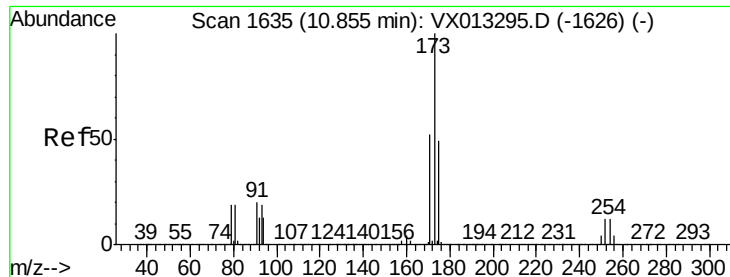
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#70
Styrene
Concen: 47.768 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion:104 Resp: 987631
Ion Ratio Lower Upper
104 100
78 48.2 40.0 60.0
103 53.9 44.1 66.1





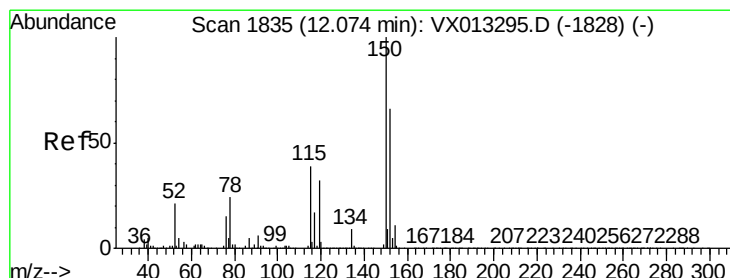
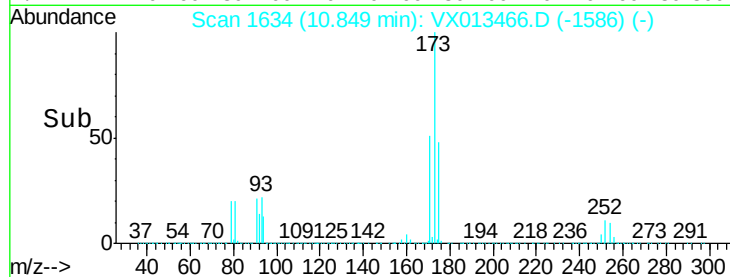
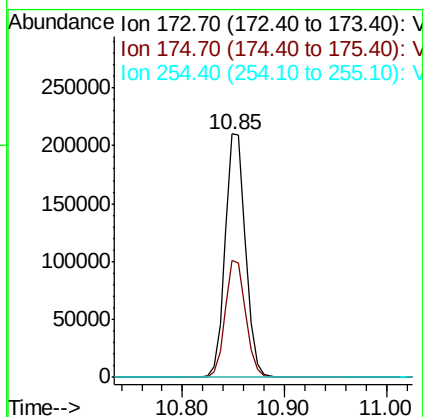
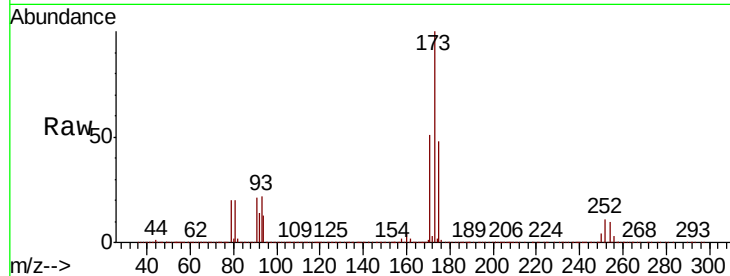
#71
Bromoform
Concen: 44.164 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

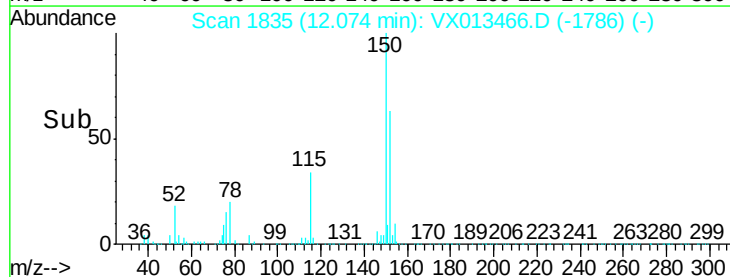
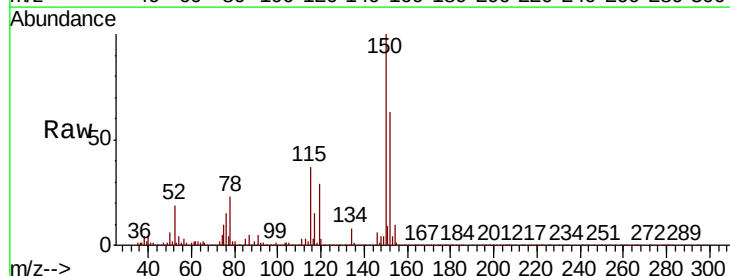
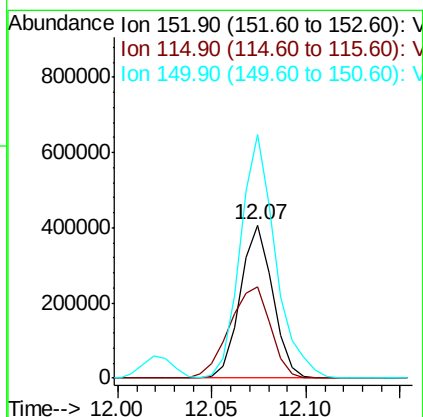
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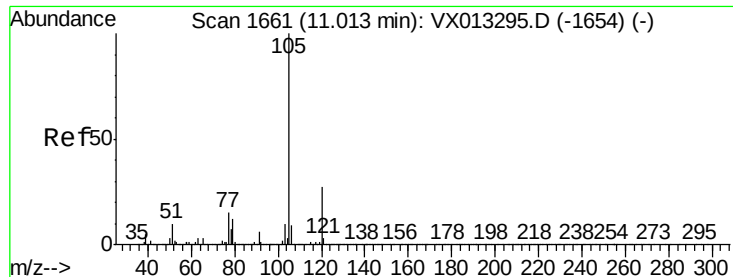
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.3	39.5	118.3
150	172.6	0.0	344.4





#73

Isopropylbenzene

Concen: 47.417 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1518984

Ion Ratio Lower Upper

105 100

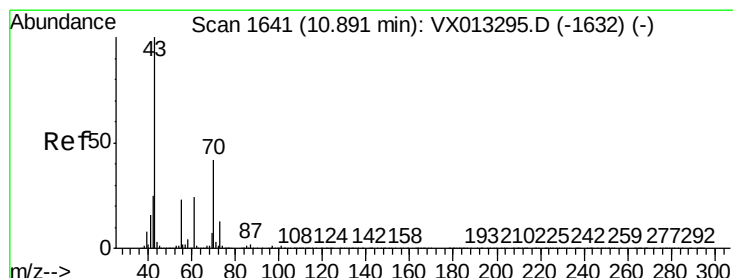
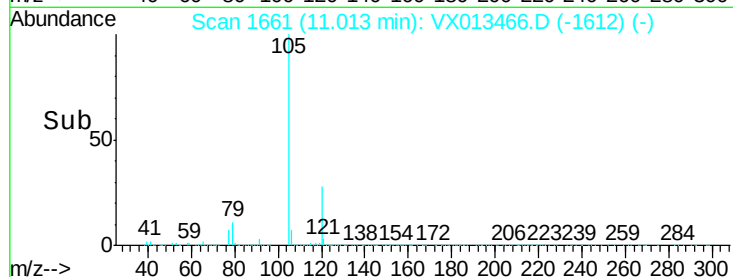
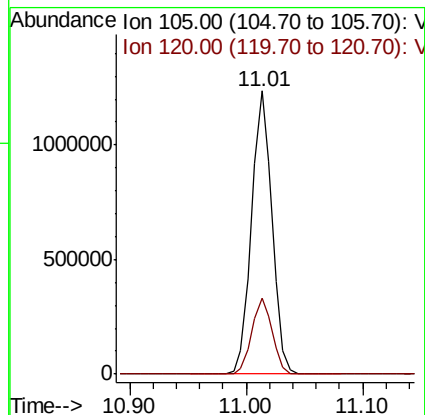
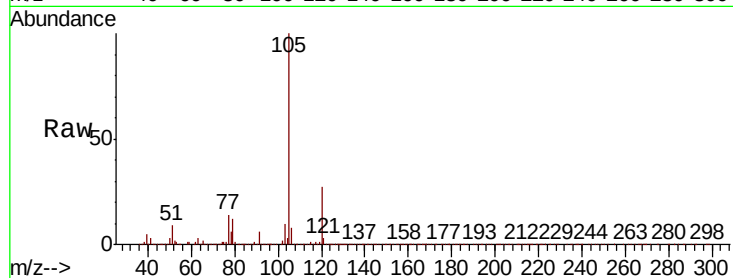
120 26.7 13.5 40.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 48.944 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Tgt Ion: 43 Resp: 727073

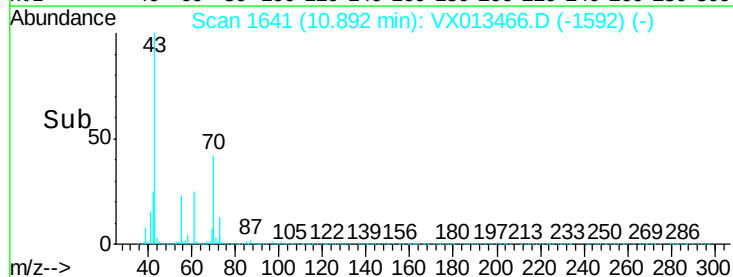
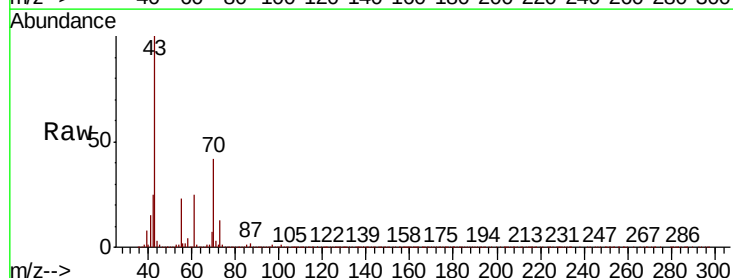
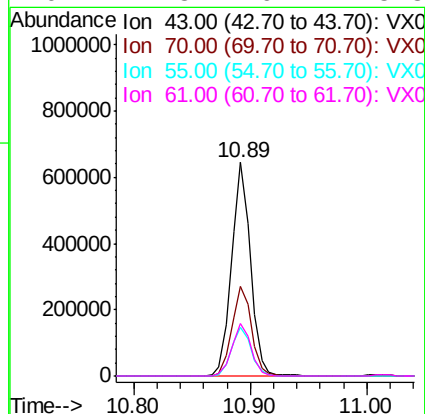
Ion Ratio Lower Upper

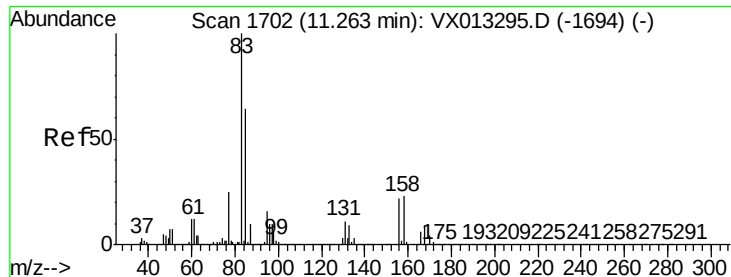
43 100

70 43.5 34.1 51.1

55 24.2 18.9 28.3

61 24.8 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.929 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 548447
Ion Ratio Lower Upper

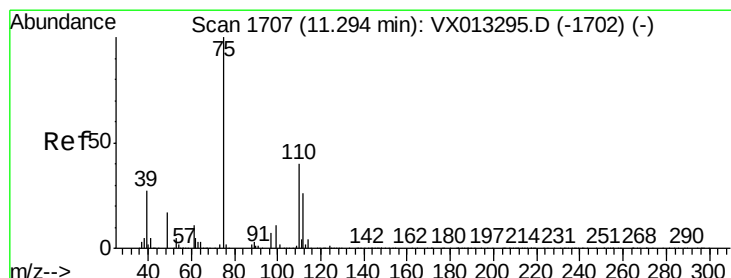
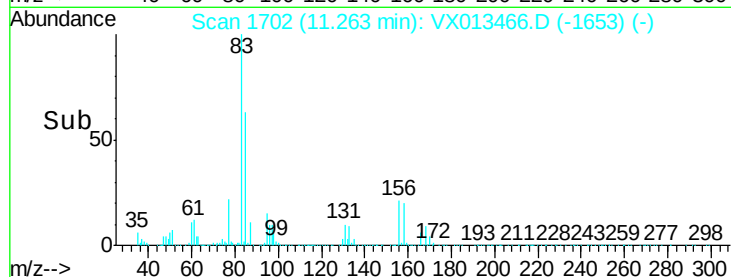
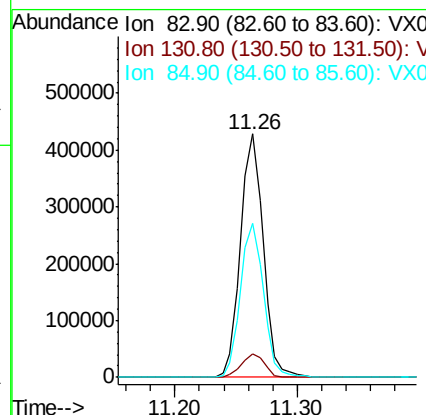
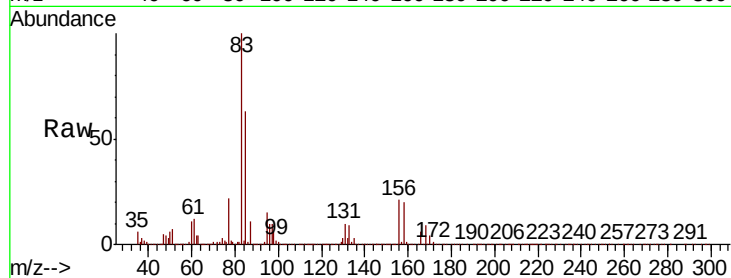
83 100

131 10.0 5.1 15.3

85 64.4 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 51.884 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

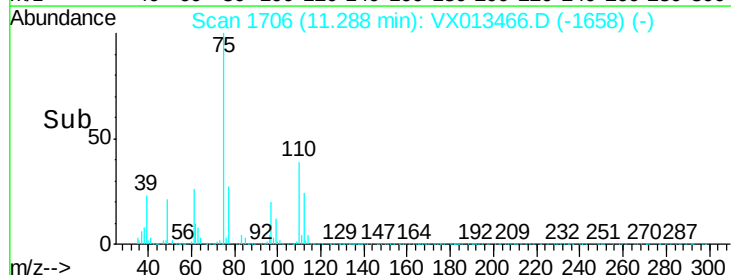
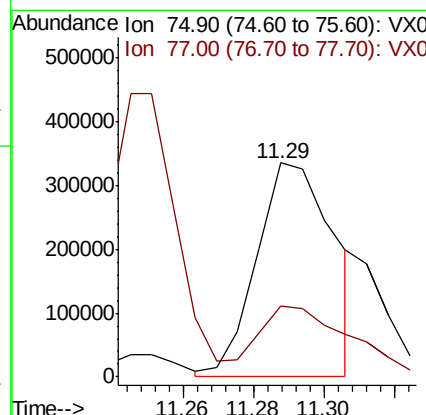
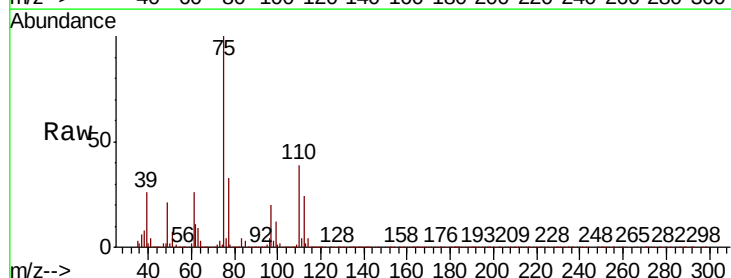
Lab File: VX013466.D

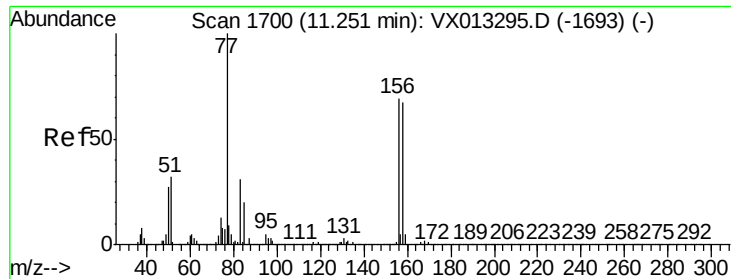
Acq: 19 Nov 2019 16:55

Tgt Ion: 75 Resp: 509175
Ion Ratio Lower Upper

75 100

77 40.2 22.3 66.8





#77

Bromobenzene

Concen: 46.810 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

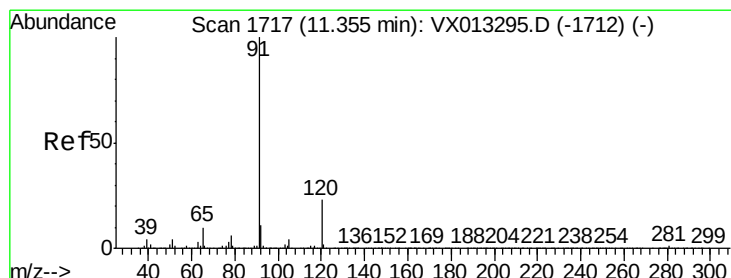
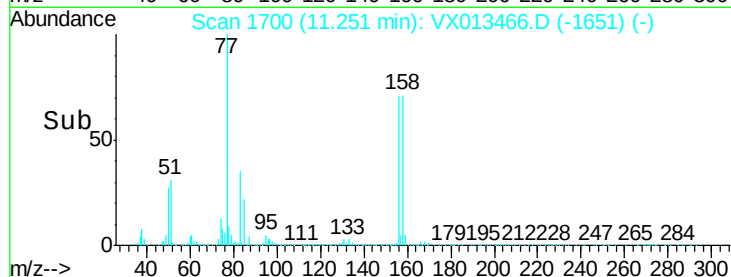
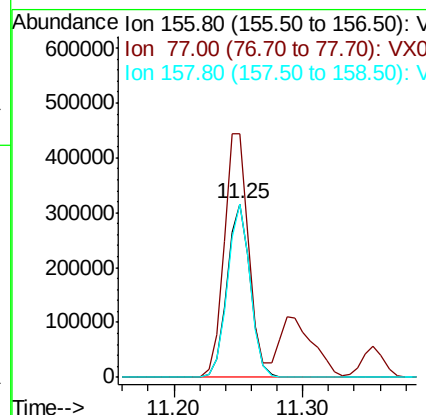
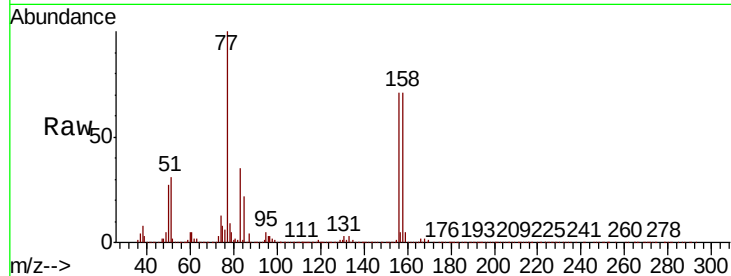
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	399754
Ion Ratio	Lower	Upper	
156	100		
77	147.6	75.8	227.4
158	98.0	47.6	142.8

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#78

n-propylbenzene

Concen: 48.452 ug/l

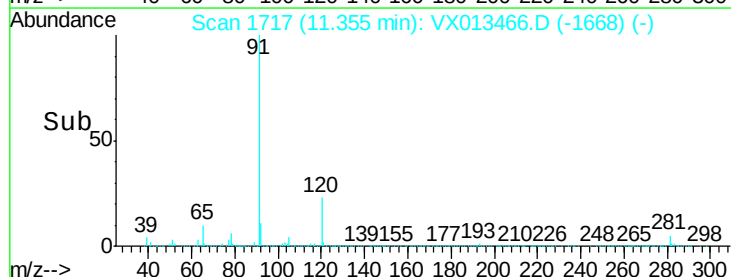
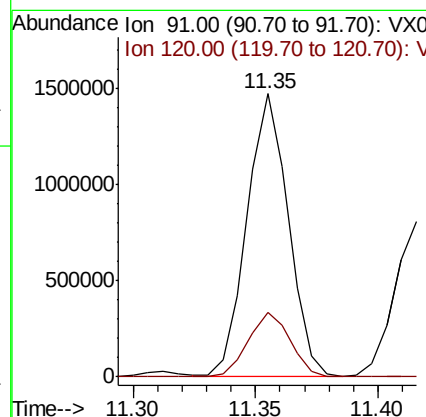
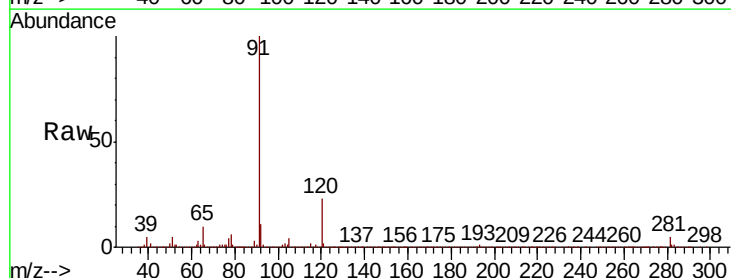
RT: 11.35 min Scan# 1717

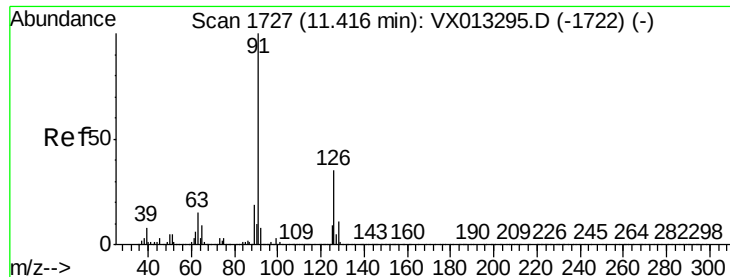
Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Tgt Ion:	91	Resp:	1728996
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.6	34.8





#79

2-Chlorotoluene

Concen: 47.011 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1010725

Ion Ratio Lower Upper

91 100

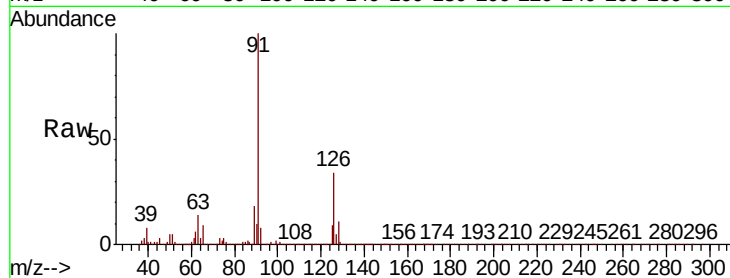
126 34.8 17.3 52.0

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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

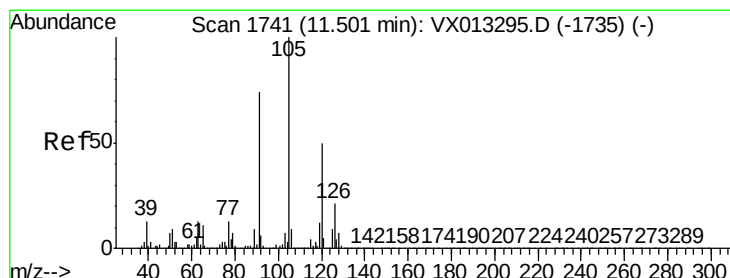
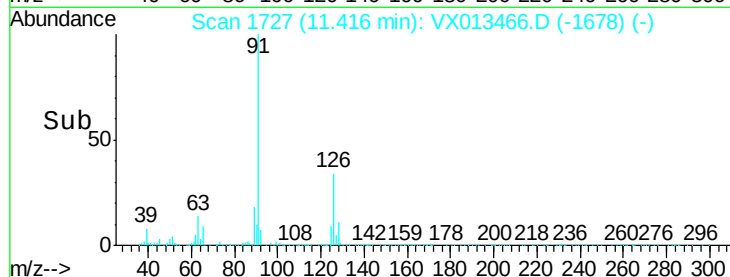
500000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.778 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013466.D

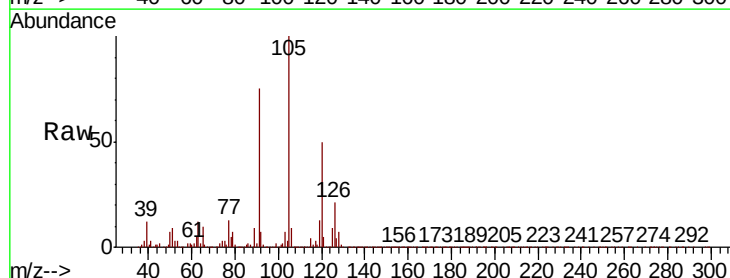
Acq: 19 Nov 2019 16:55

Tgt Ion: 105 Resp: 1274854

Ion Ratio Lower Upper

105 100

120 50.0 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

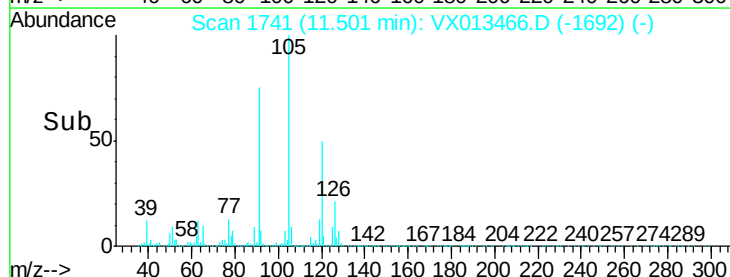
200000

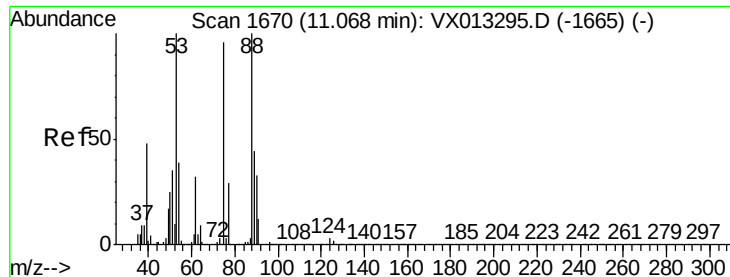
0

11.50

11.60

Time-->





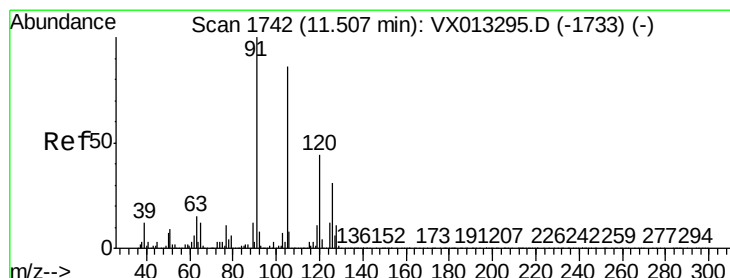
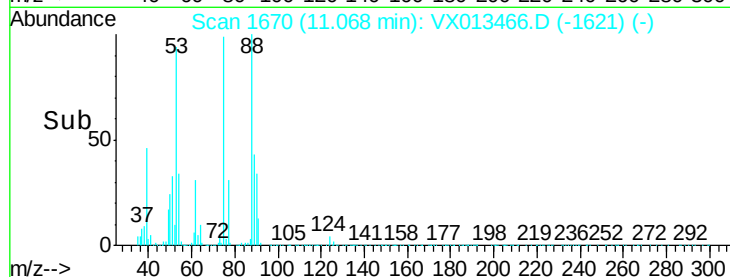
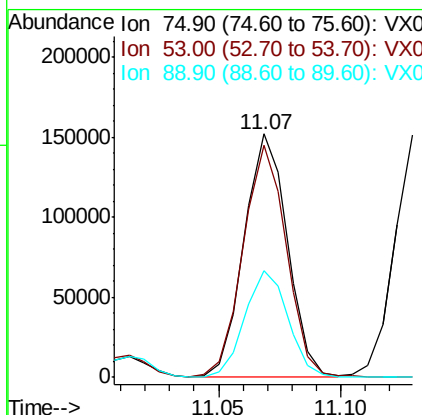
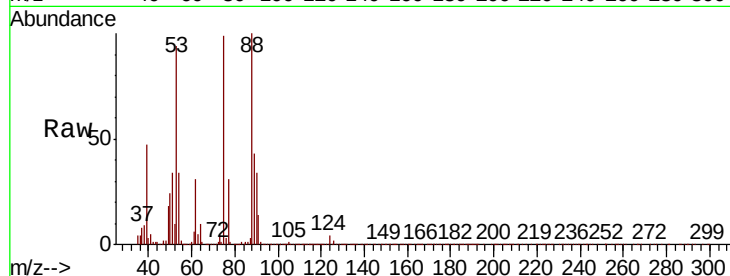
#81
trans-1,4-Dichloro-2-butene
Concen: 48.978 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.9	81.0	121.6
89	43.6	36.0	54.0

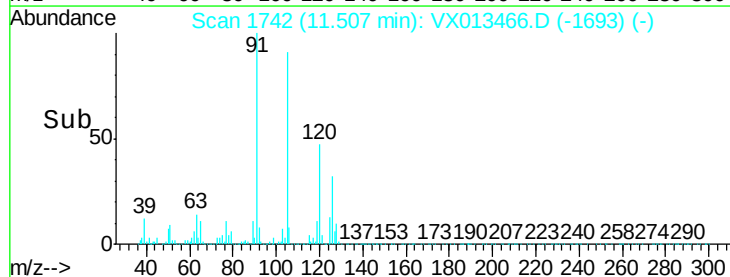
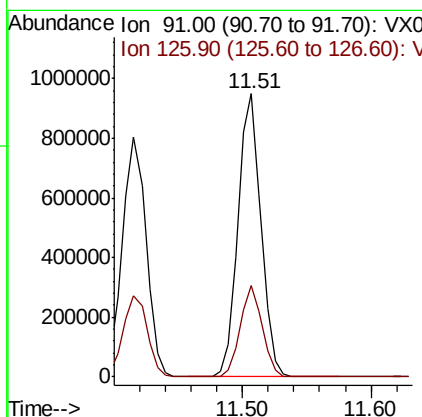
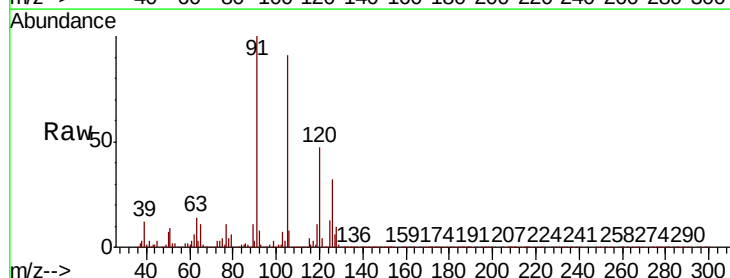
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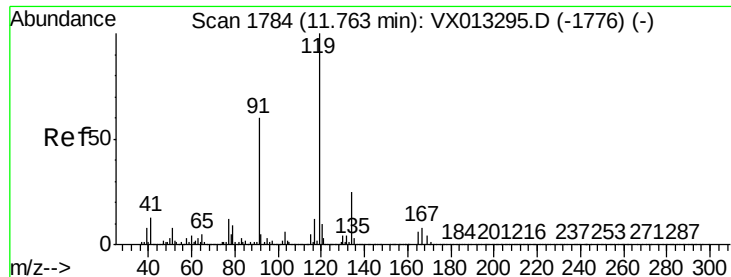
MMDadoda
11/20/2019 9:18:11 AM



#82
4-Chlorotoluene
Concen: 46.596 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.3	45.8





#83

tert-Butylbenzene

Concen: 48.269 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 1296526

Ion Ratio Lower Upper

119 100

91 54.4 26.9 80.7

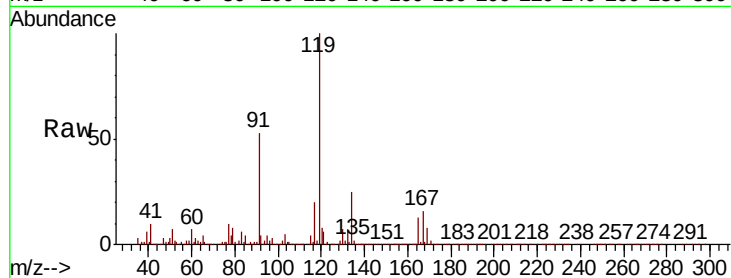
134 23.7 11.7 35.1

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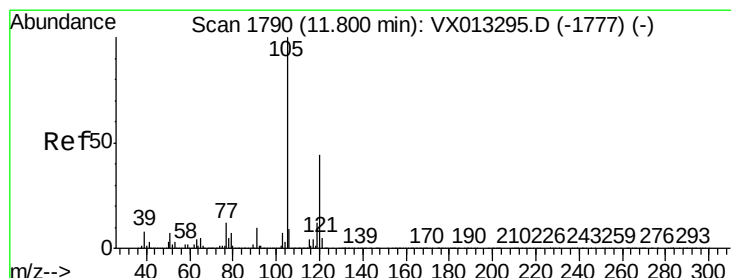
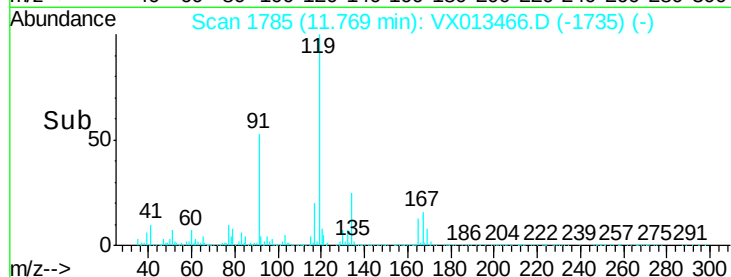
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

11.77

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 48.384 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX013466.D

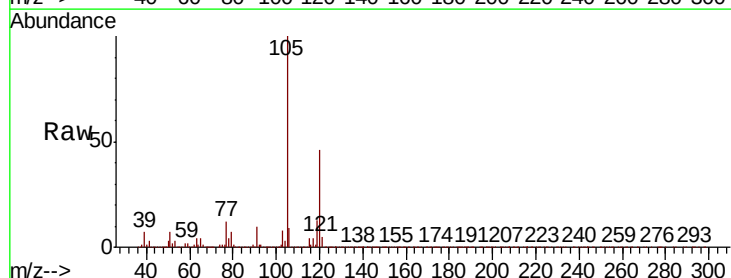
Acq: 19 Nov 2019 16:55

Tgt Ion:105 Resp: 1295096

Ion Ratio Lower Upper

105 100

120 45.4 22.7 68.1

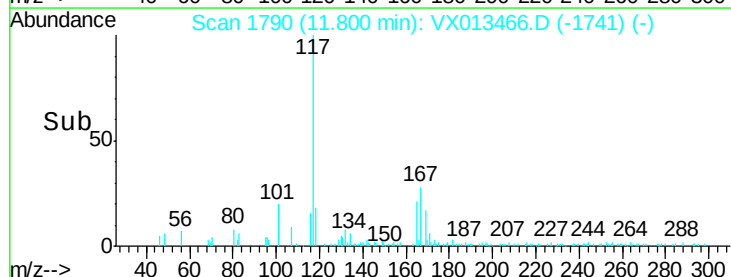


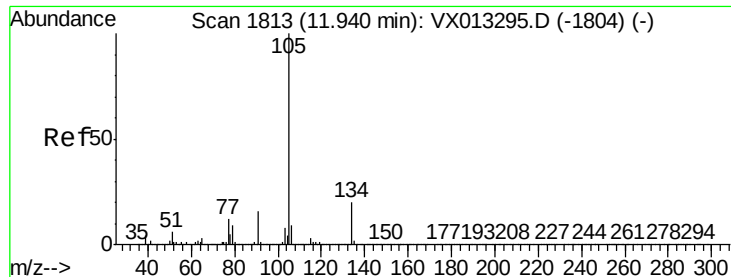
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

Time-->





#85

sec-Butylbenzene

Concen: 48.026 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1482575

Ion Ratio Lower Upper

105 100

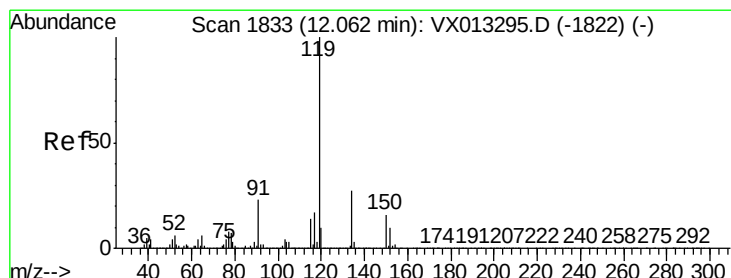
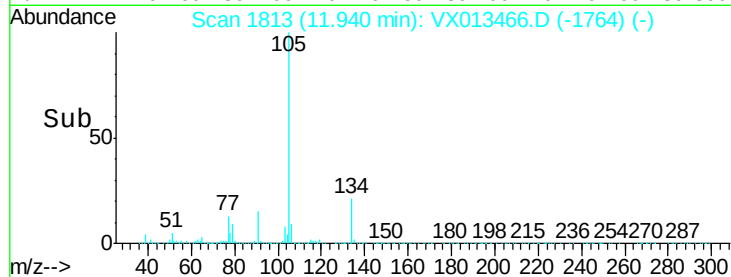
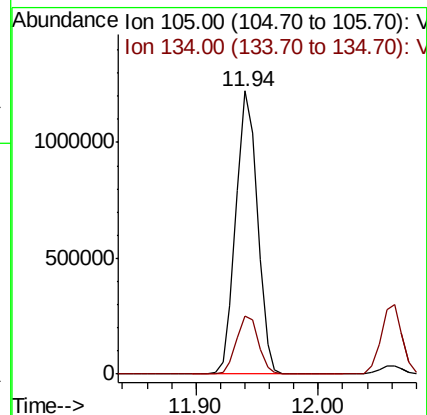
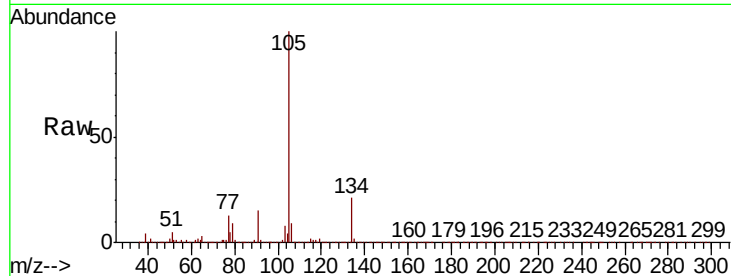
134 21.1 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 48.800 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

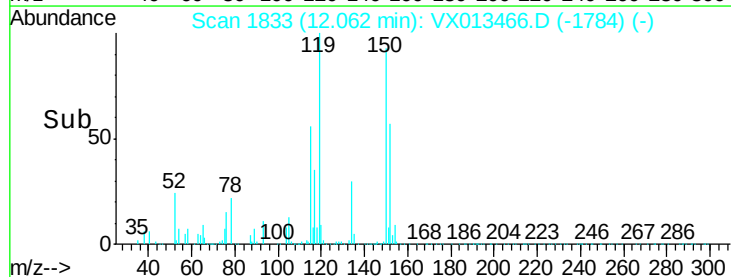
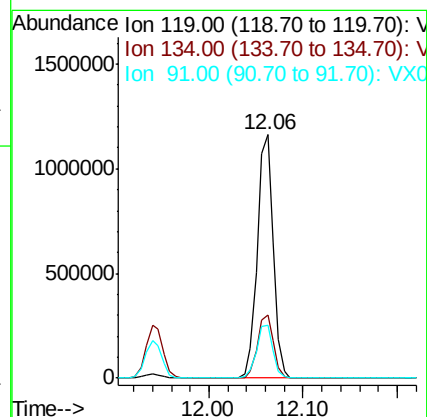
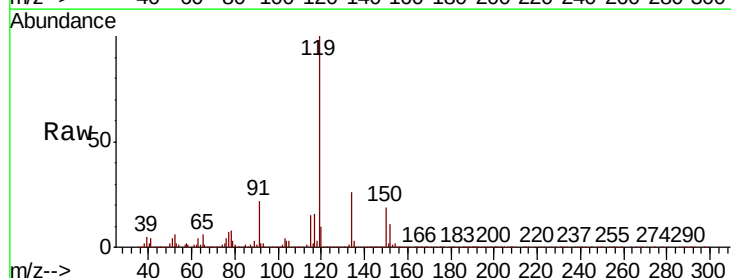
Tgt Ion:119 Resp: 1387205

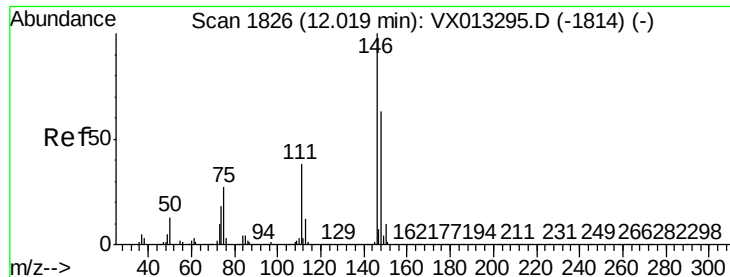
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 22.2 11.5 34.4





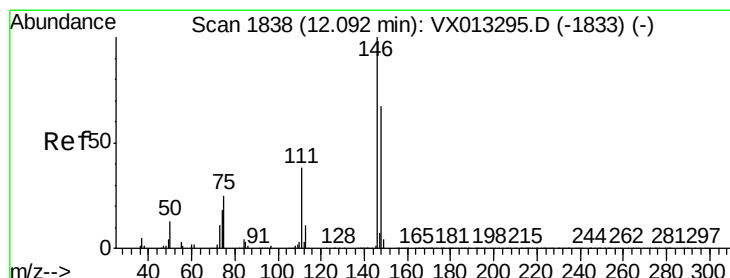
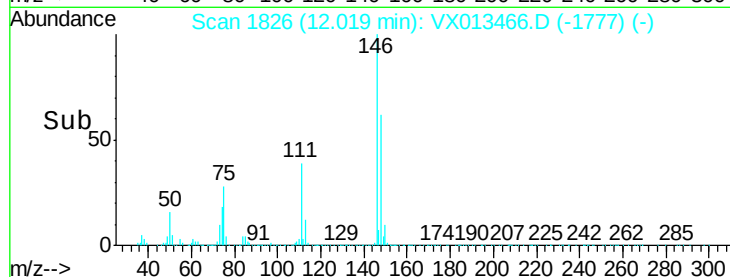
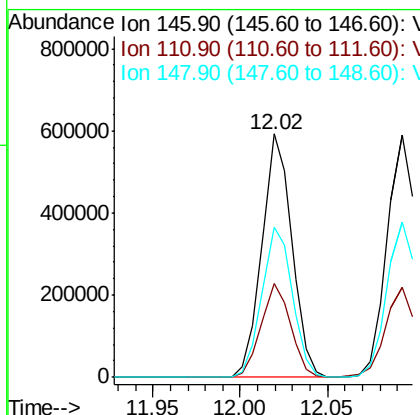
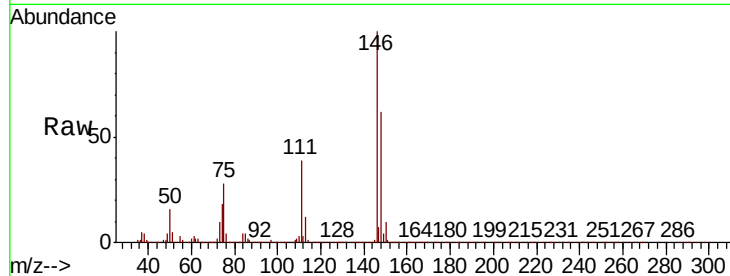
#87
 1,3-Dichlorobenzene
 Concen: 46.611 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.5
148	63.0	31.9	95.7

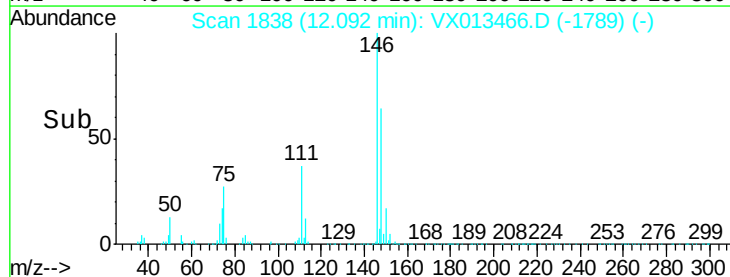
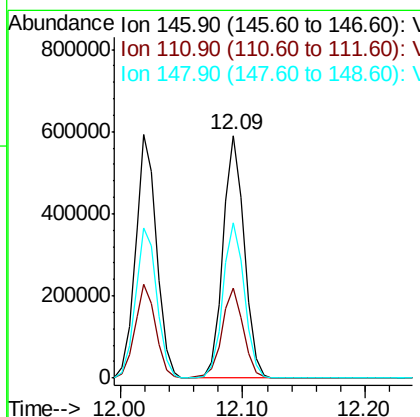
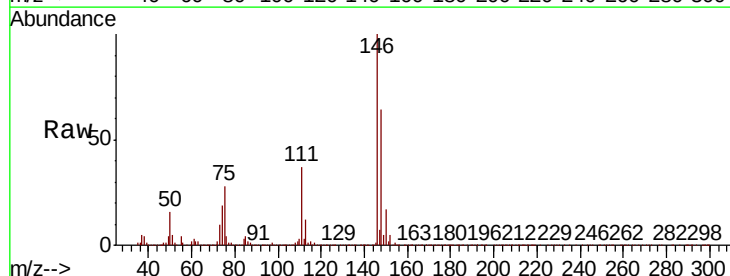
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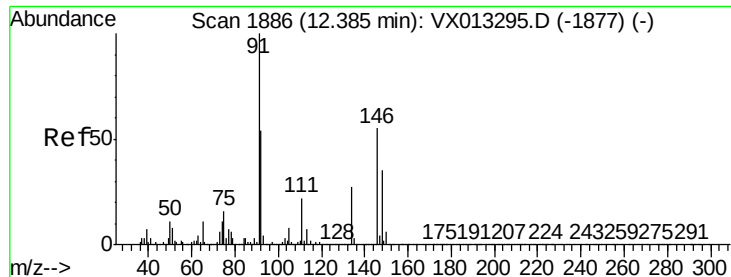
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#88
 1,4-Dichlorobenzene
 Concen: 45.503 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.4
148	64.8	32.4	97.0





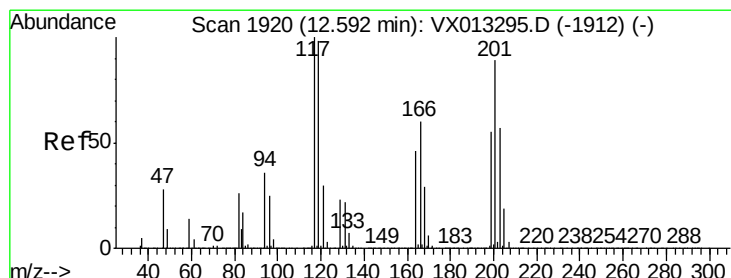
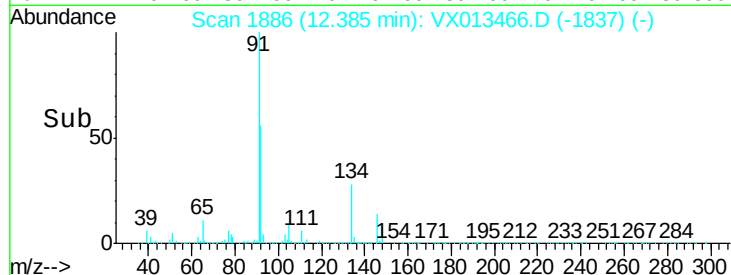
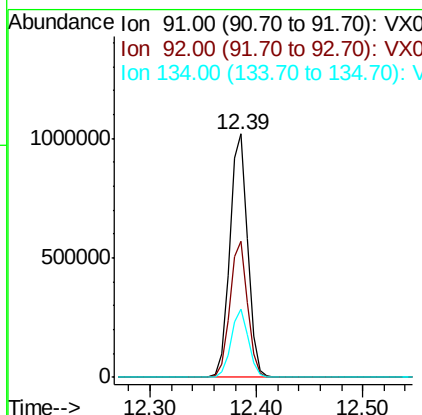
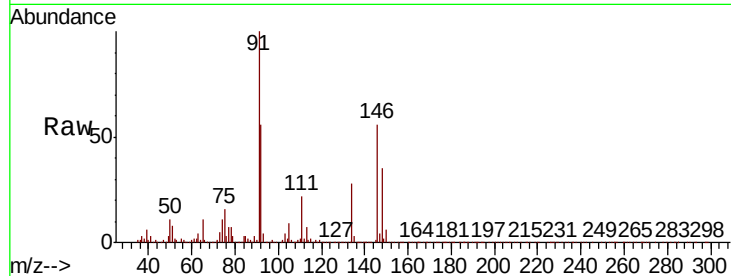
#89
n-Butylbenzene
Concen: 48.173 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.3	81.8
134	27.1	13.5	40.5

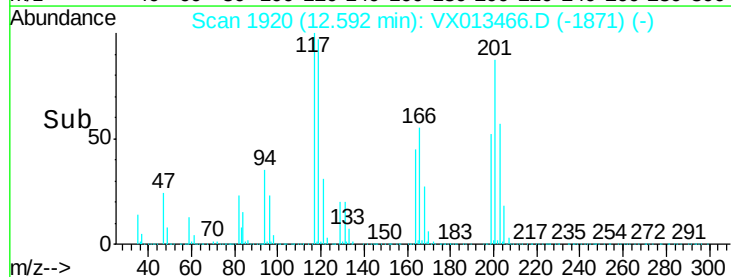
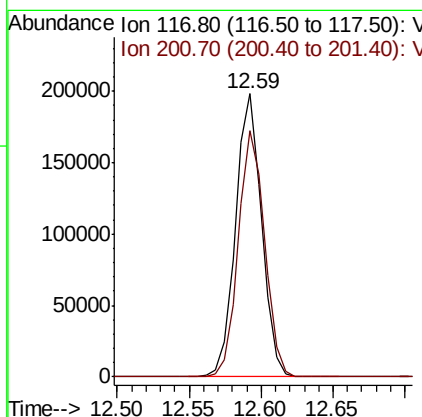
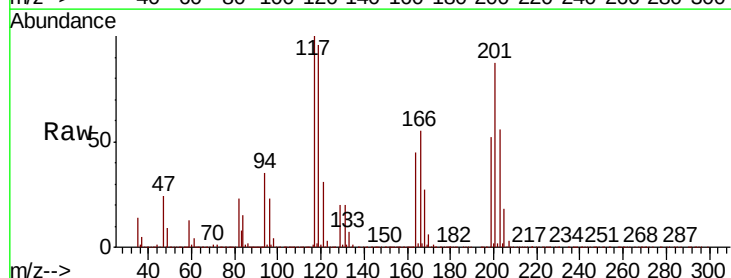
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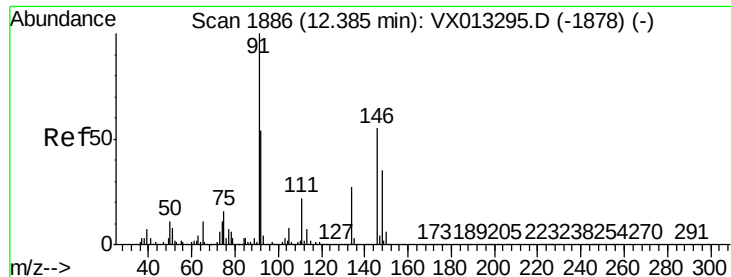
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#90
Hexachloroethane
Concen: 49.122 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.7	43.9	131.7





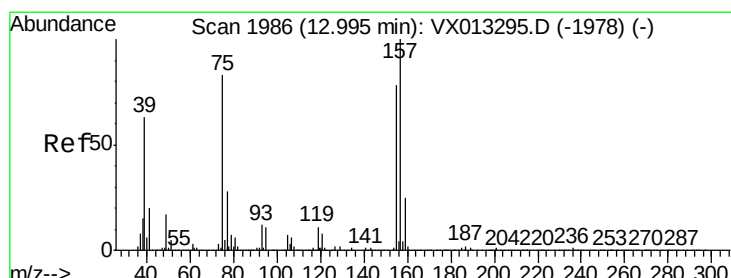
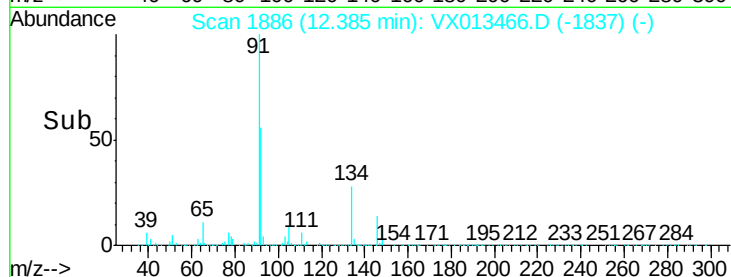
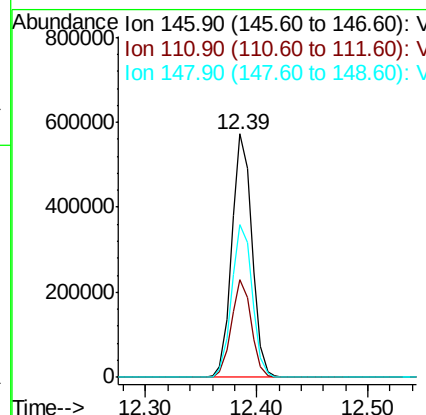
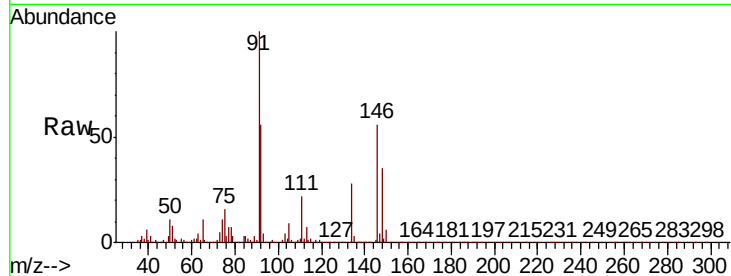
#91
 1,2-Dichlorobenzene
 Concen: 46.891 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	713508		
111	39.7	20.1	60.2	
148	64.1	32.0	96.0	

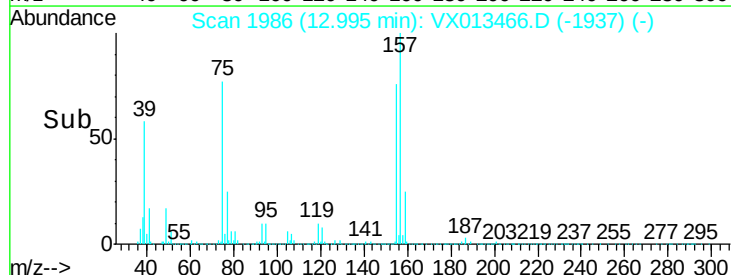
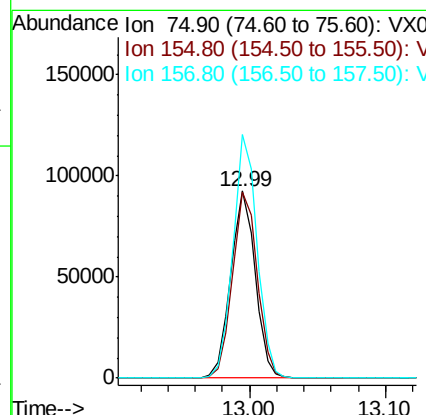
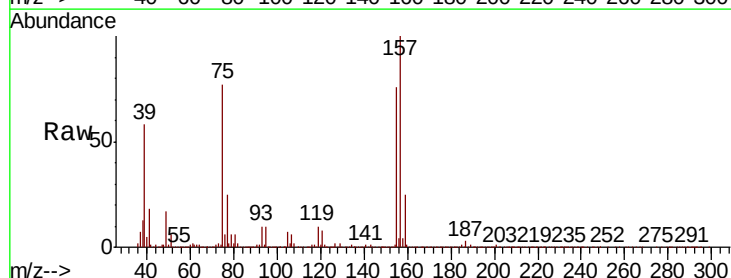
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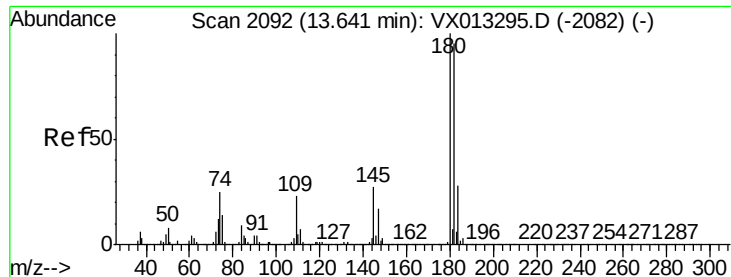
MMDadoda
 11/20/2019 9:18:11 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.871 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	116370		
155	100.2	47.1	141.4	
157	127.1	61.3	183.8	





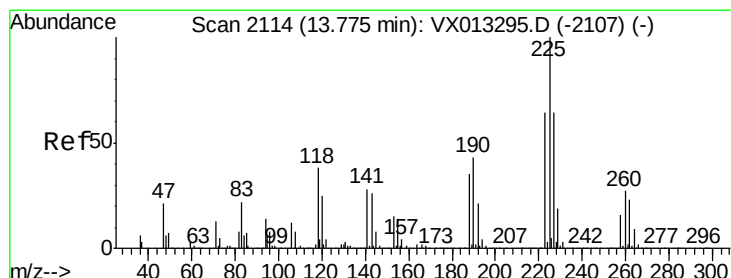
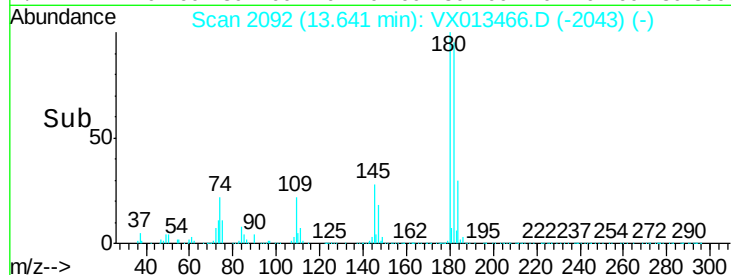
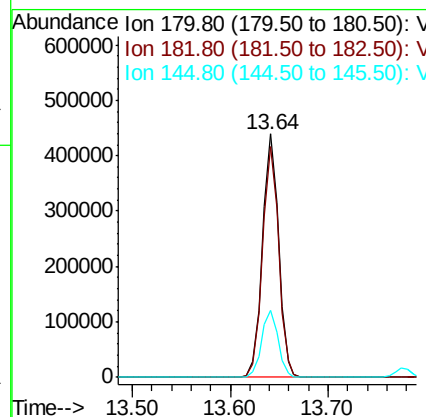
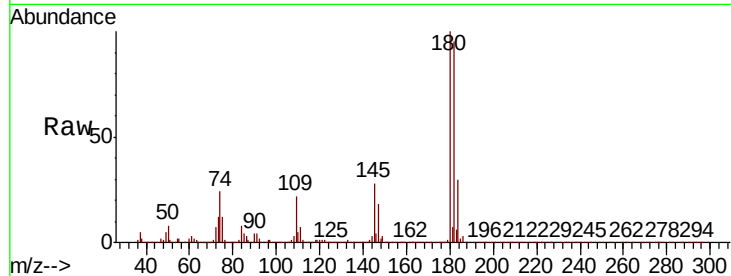
#93
 1,2,4-Trichlorobenzene
 Concen: 47.585 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	505071		
182	95.1	48.4	145.0	
145	28.3	14.1	42.4	

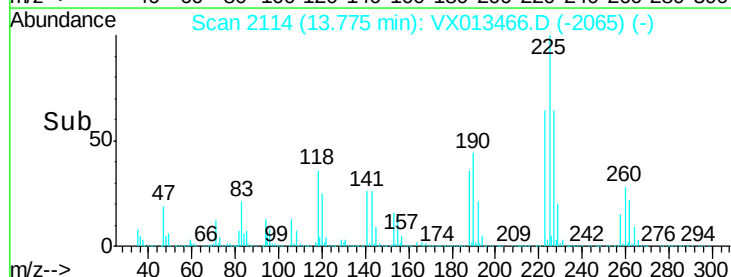
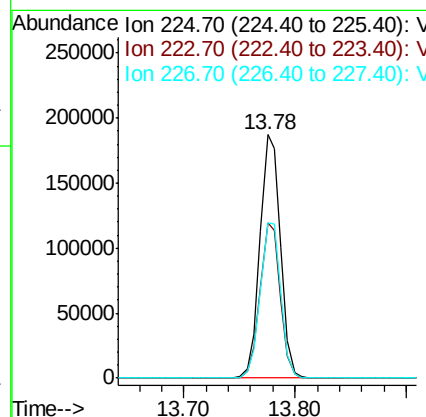
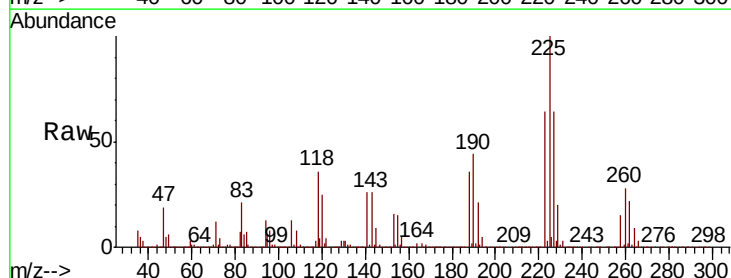
Manual Integrations
 APPROVED

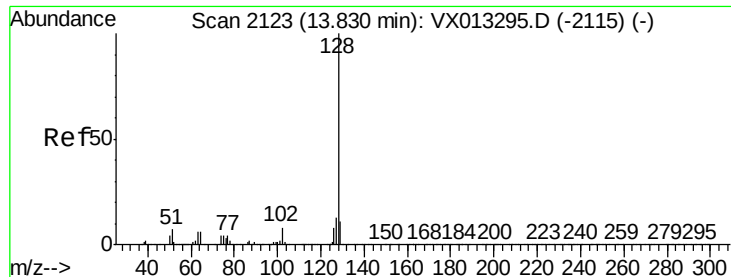
MMDadoda
 11/20/2019 9:18:11 AM



#94
 Hexachlorobutadiene
 Concen: 46.163 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	239714		
223	62.8	31.9	95.7	
227	64.2	31.9	95.9	





#95

Naphthalene

Concen: 46.860 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1560539

Ion Ratio Lower Upper

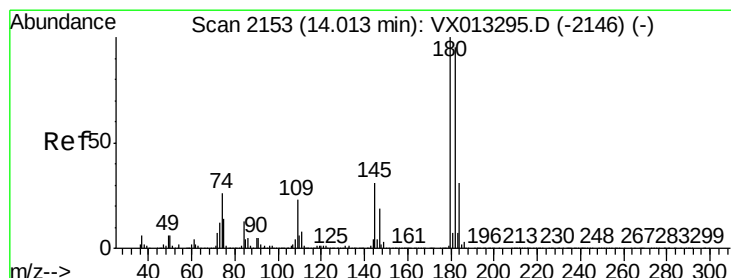
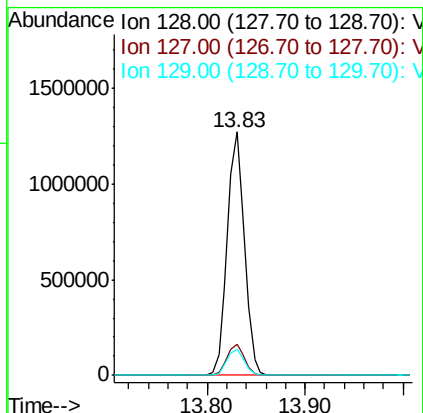
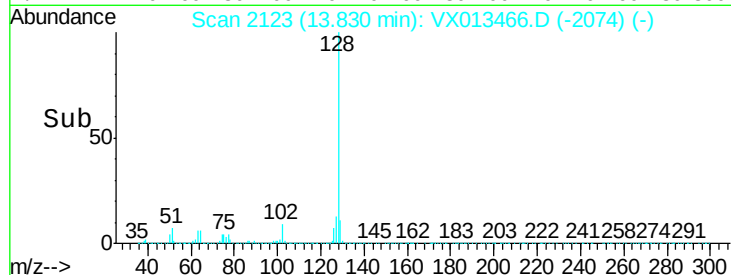
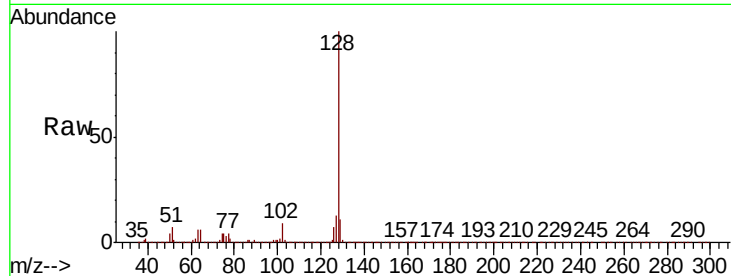
128 100

127 13.0 10.2 15.2

129 10.9 8.5 12.7

Manual Integrations
APPROVED

MMDadoda
11/20/2019 9:18:11 AM



#96

1,2,3-Trichlorobenzene

Concen: 46.937 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Tgt Ion:180 Resp: 499624

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.2

145 30.7 15.4 46.4

