

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
 Data File : VX013518.D
 Acq On : 21 Nov 2019 21:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 8:44:09 AM

Quant Time: Nov 22 06:10:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	660689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1016946	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	908610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	467396	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	387063	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
35) Dibromofluoromethane	5.49	113	324747	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
50) Toluene-d8	8.71	98	1206086	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.14	95	439908	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	306502	40.263	ug/l	99
3) Chloromethane	1.31	50	342269	41.461	ug/l	98
4) Vinyl Chloride	1.40	62	420909	44.786	ug/l	100
5) Bromomethane	1.62	94	279029	42.604	ug/l	95
6) Chloroethane	1.70	64	231968	43.011	ug/l	99
7) Trichlorofluoromethane	1.92	101	479730	43.205	ug/l	100
8) Diethyl Ether	2.18	74	228018	46.438	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	288395	46.600	ug/l	99
10) Methyl Iodide	2.50	142	320542	41.835	ug/l	97
11) Tert butyl alcohol	3.03	59	455357	220.723	ug/l	100
12) 1,1-Dichloroethene	2.36	96	290321	47.904	ug/l	98
13) Acrolein	2.28	56	204134	182.572	ug/l	98
14) Allyl chloride	2.72	41	541974	49.219	ug/l	95
15) Acrylonitrile	3.13	53	991017	257.164	ug/l	99
16) Acetone	2.43	43	836313	214.214	ug/l	99
17) Carbon Disulfide	2.56	76	681546	42.016	ug/l	99
18) Methyl Acetate	2.76	43	578599	53.681	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1069007	52.886	ug/l	98
20) Methylene Chloride	2.84	84	338595	46.940	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	309253	46.866	ug/l	98
22) Diisopropyl ether	3.84	45	1112494	52.331	ug/l	98
23) Vinyl Acetate	3.80	43	4613184	253.594	ug/l	99
24) 1,1-Dichloroethane	3.69	63	598413	50.319	ug/l	98
25) 2-Butanone	4.65	43	1391832	243.014	ug/l	98
26) 2,2-Dichloropropane	4.58	77	440303	46.540	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	431106	58.322	ug/l	97
28) Bromochloromethane	5.00	49	181104	53.634	ug/l #	99
29) Tetrahydrofuran	5.11	42	892016	252.735	ug/l	99
30) Chloroform	5.20	83	595503	50.711	ug/l	96
31) Cyclohexane	5.57	56	492691	46.041	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	501879	49.662	ug/l	99
36) 1,1-Dichloropropene	5.79	75	420226	48.168	ug/l	99
37) Ethyl Acetate	4.81	43	537541	49.864	ug/l	100
38) Carbon Tetrachloride	5.77	117	423483	49.640	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	494076	45.451	ug/l	97
40) Benzene	6.13	78	1326380	48.808	ug/l	99
41) Methacrylonitrile	5.03	41	303800	50.279	ug/l	98
42) 1,2-Dichloroethane	6.18	62	472808	48.234	ug/l	100
43) Isopropyl Acetate	6.44	43	868492	51.737	ug/l	98
44) Trichloroethene	7.20	130	436859	58.400	ug/l	98
45) 1,2-Dichloropropane	7.51	63	357319	51.605	ug/l	99
46) Dibromomethane	7.65	93	231340	48.933	ug/l	97
47) Bromodichloromethane	7.89	83	469023	52.611	ug/l	97
48) Methyl methacrylate	7.76	41	430120	51.330	ug/l	97
49) 1,4-Dioxane	7.73	88	170286	887.373	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2776344	252.087	ug/l	98
52) Toluene	8.78	92	844708	50.151	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	512838	52.607	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	562545	51.587	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	355216	50.881	ug/l	97
56) Ethyl methacrylate	9.17	69	586307	49.218	ug/l	97
57) 1,3-Dichloropropane	9.37	76	599906	50.621	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1184467	248.135	ug/l	100
59) 2-Hexanone	9.48	43	2124852	249.662	ug/l	98
60) Dibromochloromethane	9.57	129	382606	53.587	ug/l	99
61) 1,2-Dibromoethane	9.67	107	368069	49.650	ug/l	99
64) Tetrachloroethene	9.33	164	305784	47.011	ug/l	96
65) Chlorobenzene	10.14	112	919986	50.012	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	354379	52.467	ug/l	99
67) Ethyl Benzene	10.25	91	1605678	50.575	ug/l	99
68) m/p-Xylenes	10.36	106	1215876	101.265	ug/l	100
69) o-Xylene	10.70	106	601239	51.147	ug/l	99
70) Styrene	10.71	104	1040051	52.929	ug/l	98
71) Bromoform	10.85	173	304713	48.743	ug/l	97
73) Isopropylbenzene	11.01	105	1591832	51.368	ug/l	100
74) N-amyl acetate	10.89	43	777620	54.113	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	579286	51.240	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	454390m	47.864	ug/l	
77) Bromobenzene	11.25	156	421447	51.015	ug/l	98
78) n-propylbenzene	11.35	91	1777368	51.488	ug/l	99
79) 2-Chlorotoluene	11.42	91	1062486	51.085	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1331976	51.602	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	188101	51.000	ug/l	97
82) 4-Chlorotoluene	11.51	91	1220227	50.120	ug/l	100
83) tert-Butylbenzene	11.76	119	1363822	52.488	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1326991	51.248	ug/l	98
85) sec-Butylbenzene	11.94	105	1542546	51.654	ug/l	99
86) p-Isopropyltoluene	12.06	119	1419134	51.608	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	731717	49.689	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	733027	48.857	ug/l	99
89) n-Butylbenzene	12.39	91	1204226	50.188	ug/l	99
90) Hexachloroethane	12.59	117	258001	52.659	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	758715	51.543	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	130285	47.302	ug/l	98

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ClientSampleId :
VSTDCCC050EC

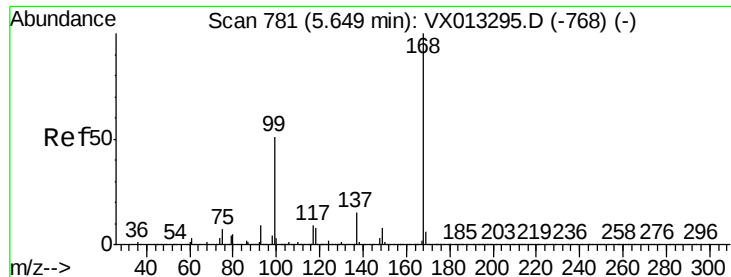
Manual Integrations
APPROVED

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11/22/2019 8:44:09 AM

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	516668	50.319	ug/l	98
94) Hexachlorobutadiene	13.78	225	231463	46.077	ug/l	100
95) Naphthalene	13.83	128	1661696	51.581	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	520226	50.521	ug/l	99

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



#1

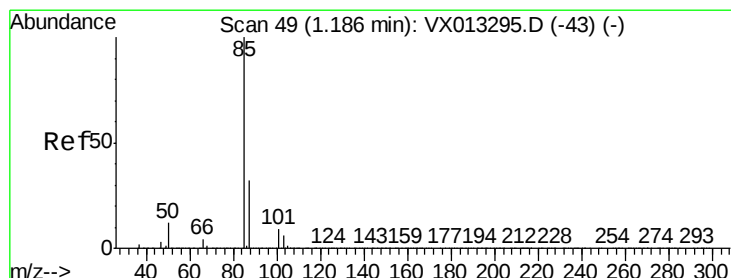
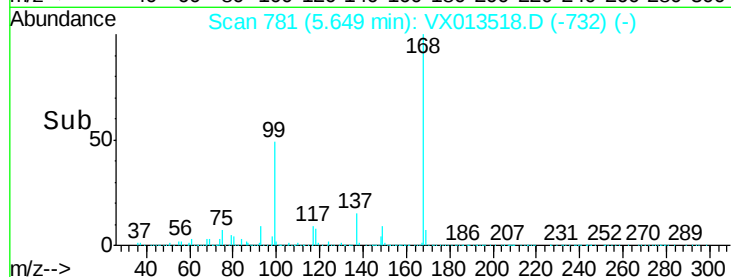
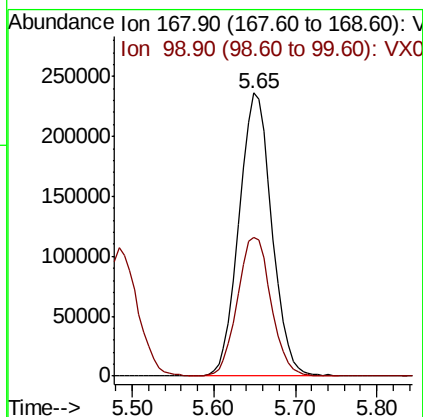
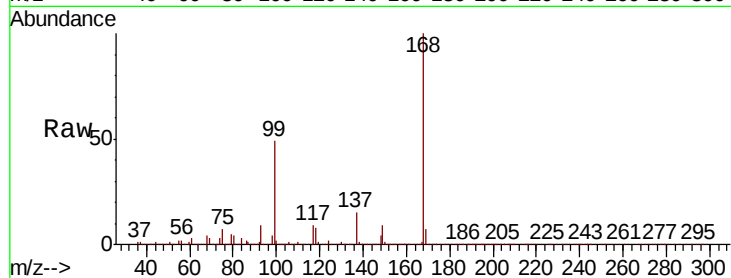
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013518.D
 Acq: 21 Nov 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.9	40.8	61.2

Manual Integrations
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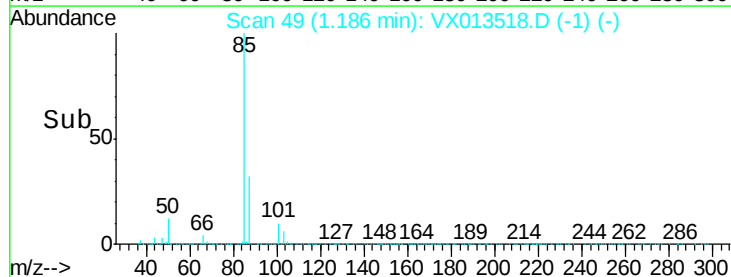
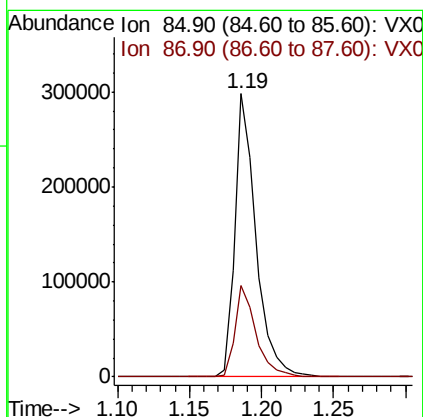
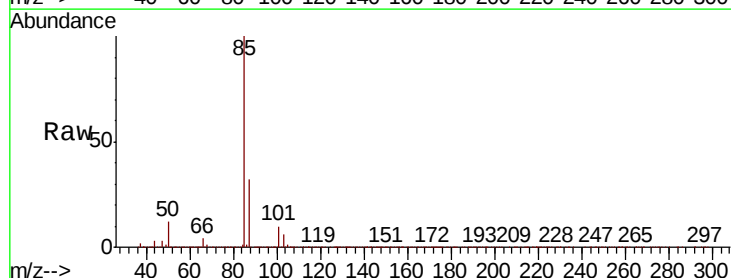
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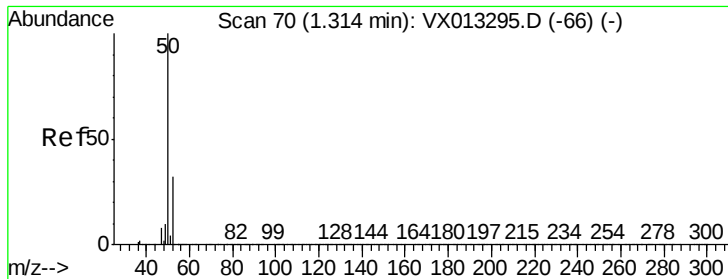


#2

Dichlorodifluoromethane
 Concen: 40.263 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013518.D
 Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.9	47.6





#3

Chloromethane

Concen: 41.461 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 342269

Ion Ratio Lower Upper

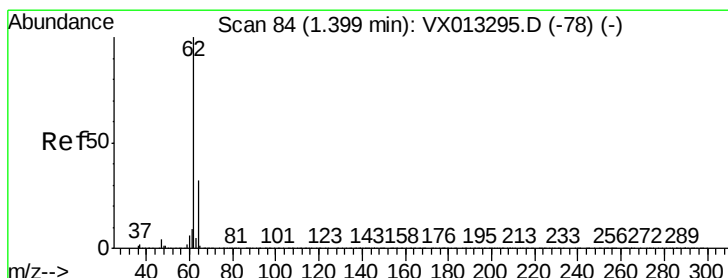
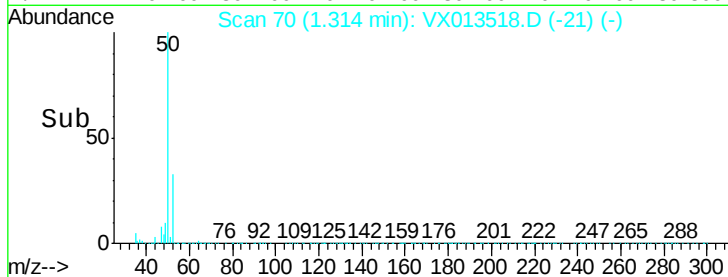
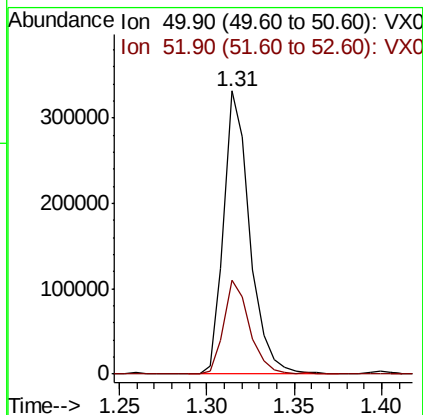
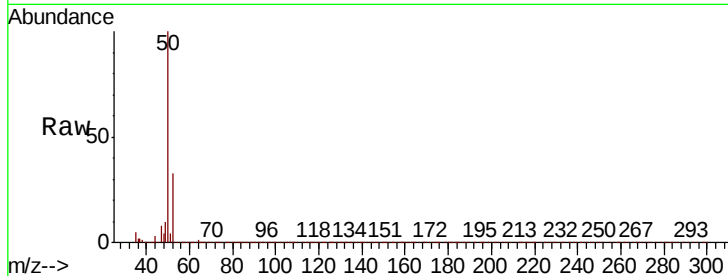
50 100

52 33.3 25.5 38.3

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#4

Vinyl Chloride

Concen: 44.786 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013518.D

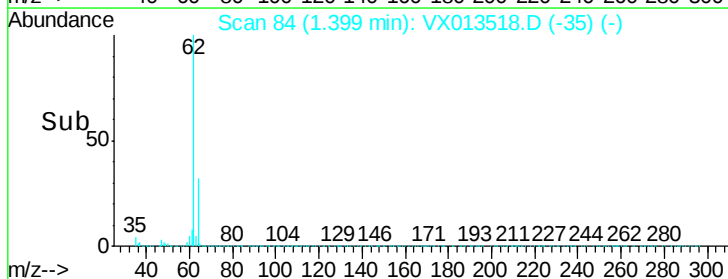
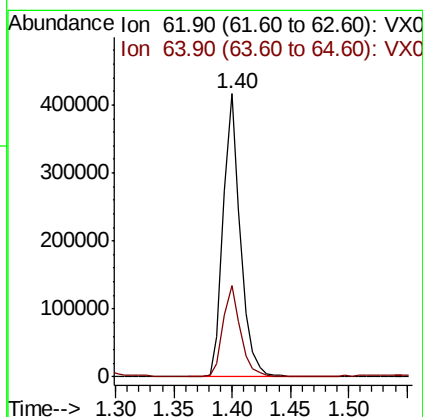
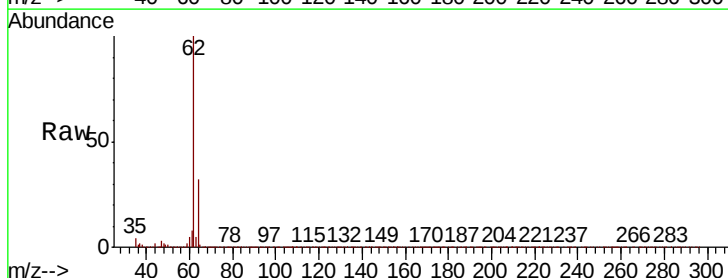
Acq: 21 Nov 2019 21:03

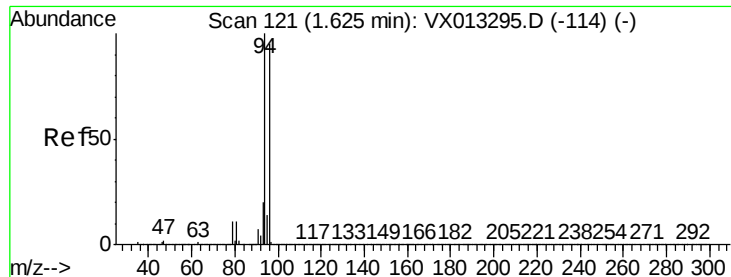
Tgt Ion: 62 Resp: 420909

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 42.604 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 279029

Ion Ratio Lower Upper

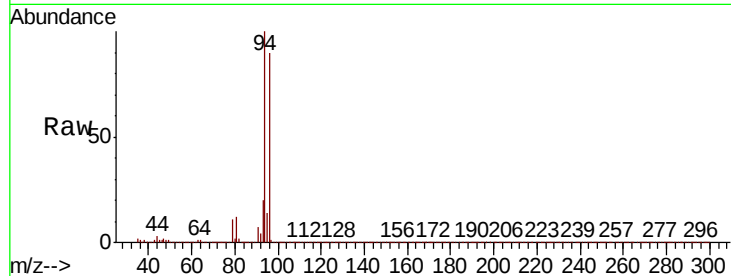
94 100

96 89.9 75.8 113.8

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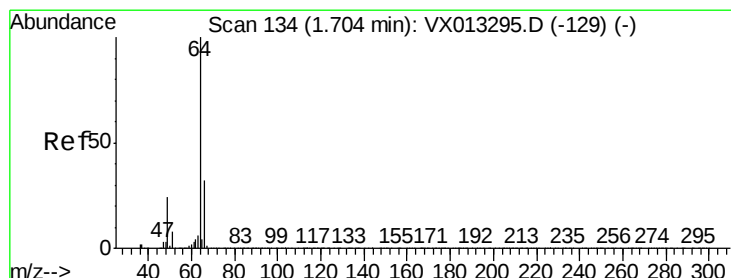
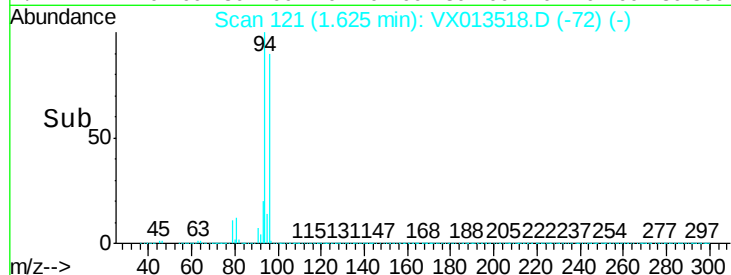
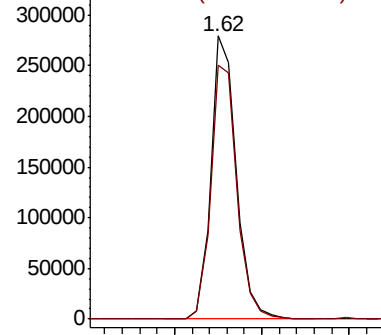
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.011 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX013518.D

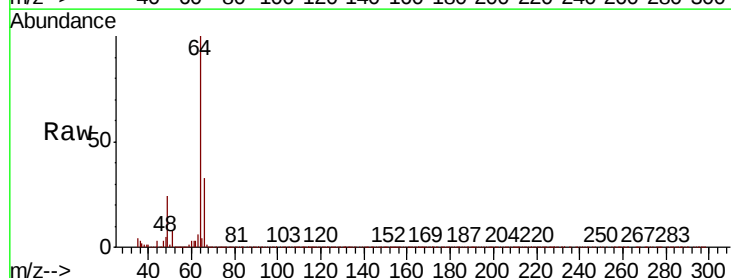
Acq: 21 Nov 2019 21:03

Tgt Ion: 64 Resp: 231968

Ion Ratio Lower Upper

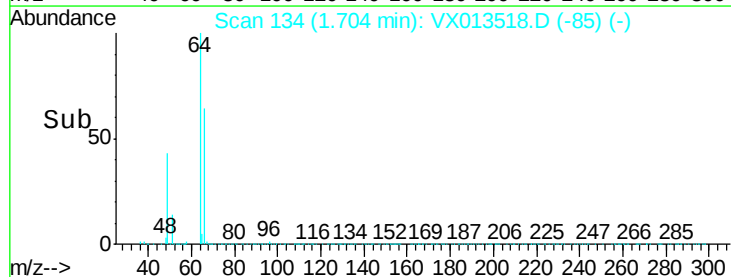
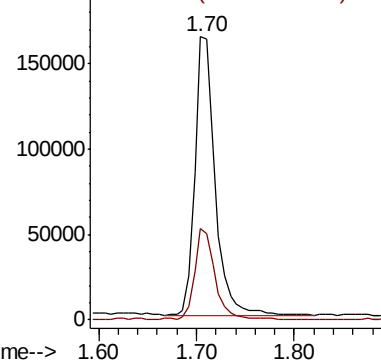
64 100

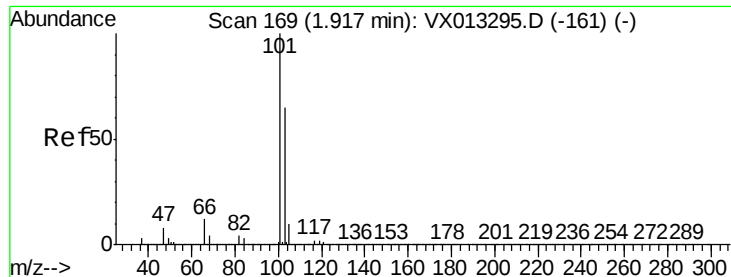
66 32.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

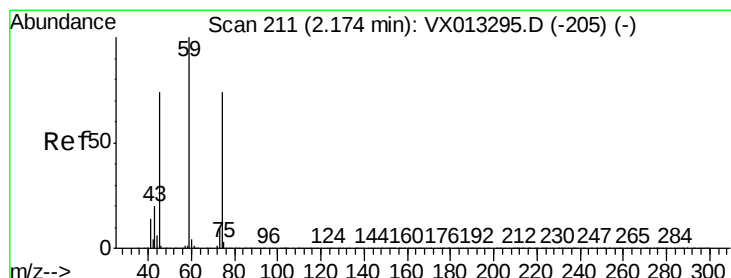
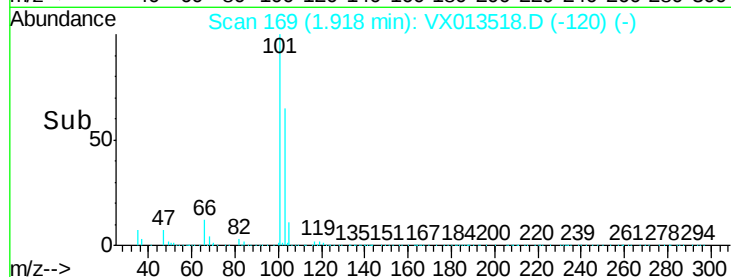
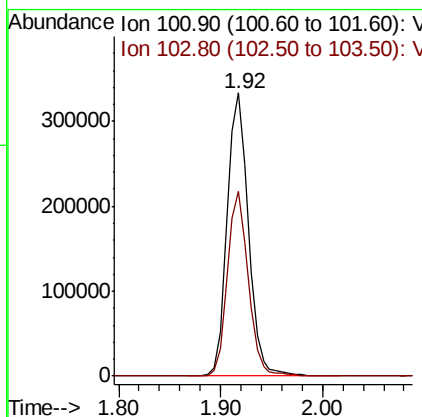
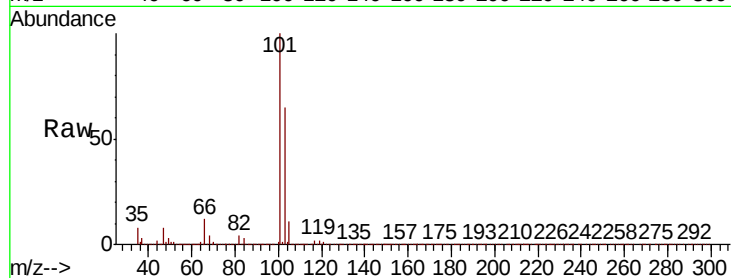
Trichlorofluoromethane
Concen: 43.205 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.3	78.5

Manual Integrations
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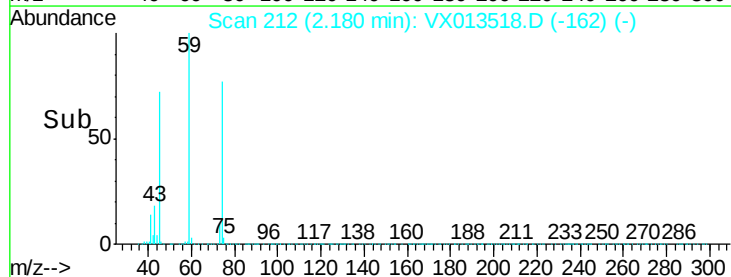
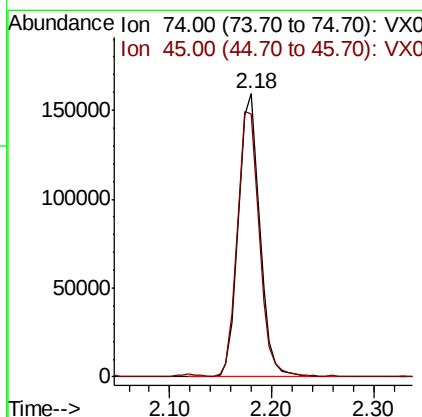
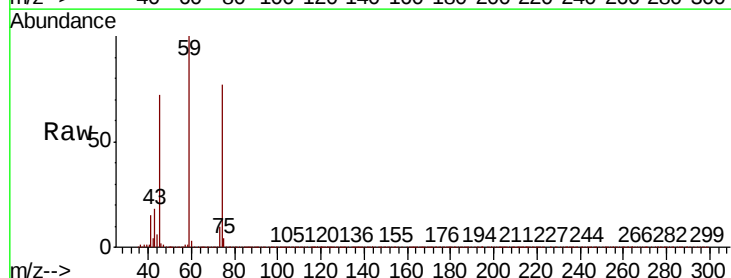
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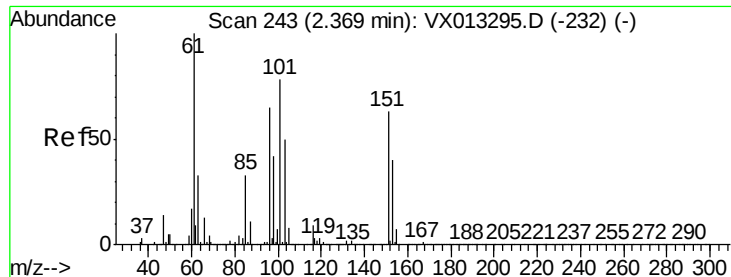


#8

Diethyl Ether
Concen: 46.438 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.600 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

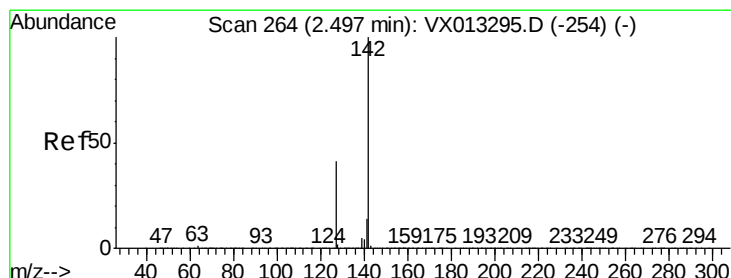
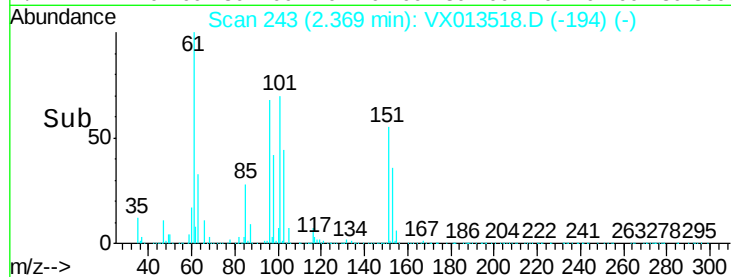
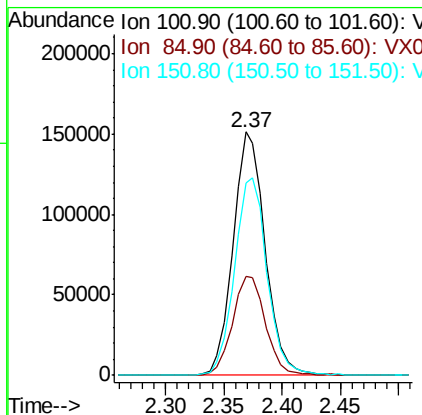
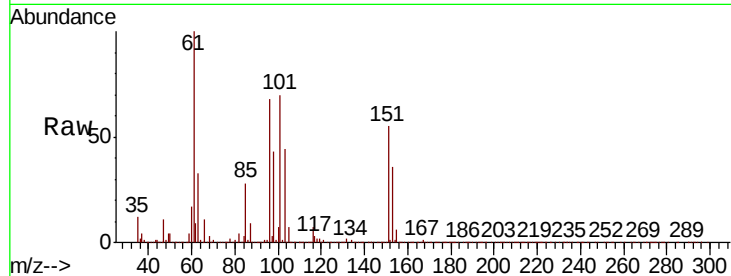
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	288395
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.4	51.6
151	83.0	66.4	99.6

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#10

Methyl Iodide

Concen: 41.835 ug/l

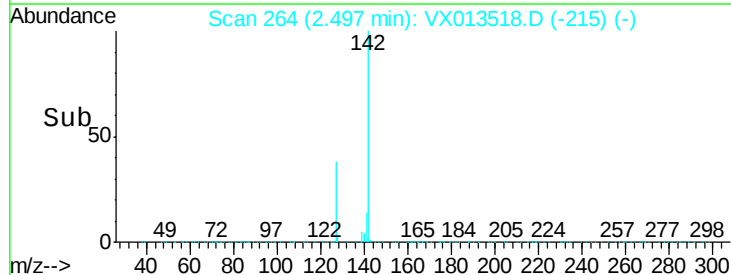
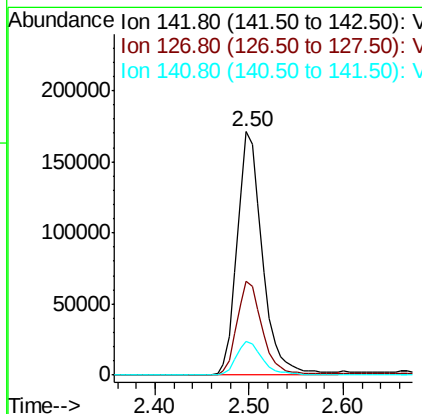
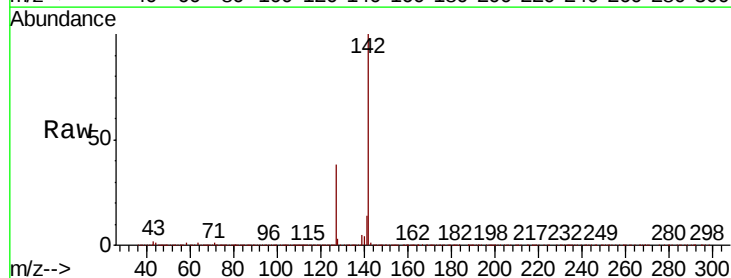
RT: 2.50 min Scan# 264

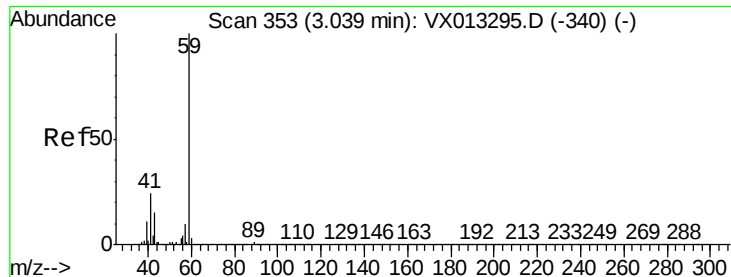
Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Tgt Ion:	142	Resp:	320542
Ion Ratio	Lower	Upper	
142	100		
127	38.2	32.6	49.0
141	14.1	11.6	17.4





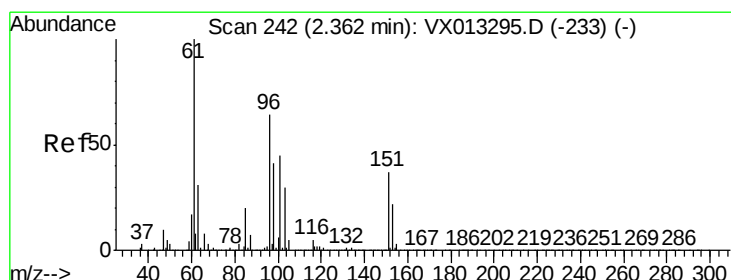
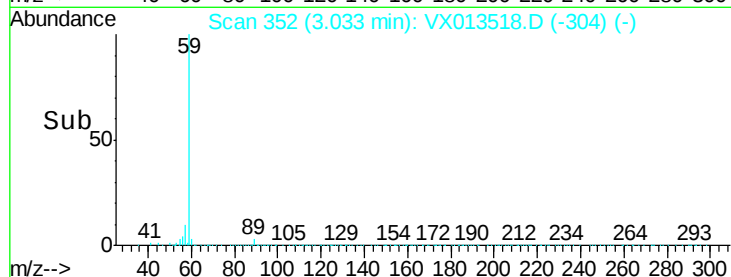
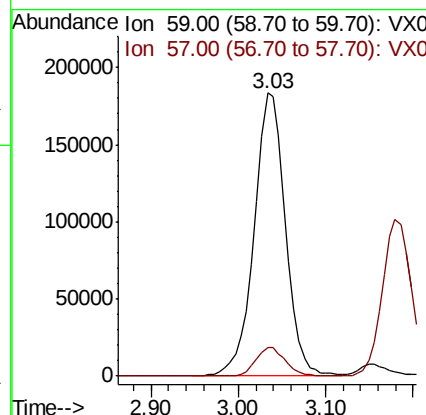
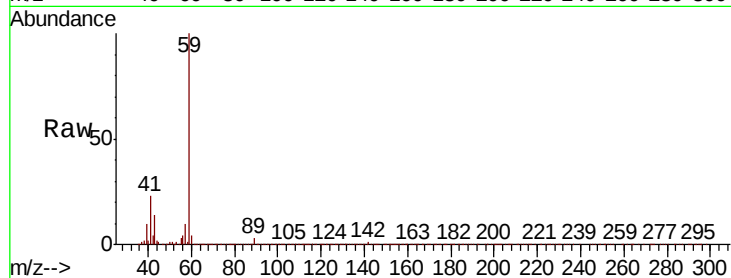
#11
Tert butyl alcohol
Concen: 220.723 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.0	12.0

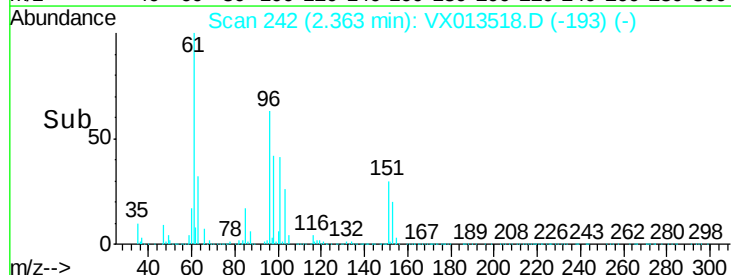
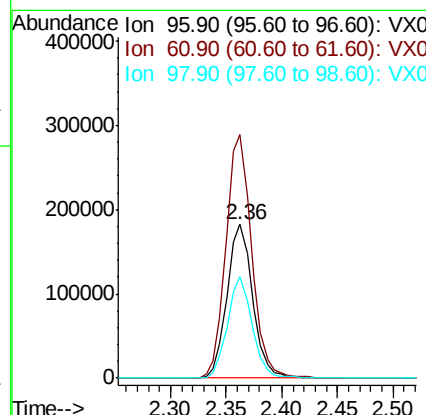
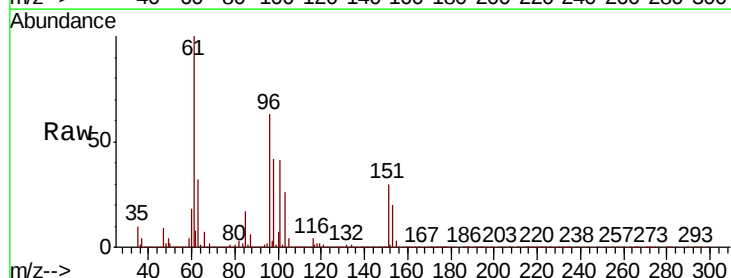
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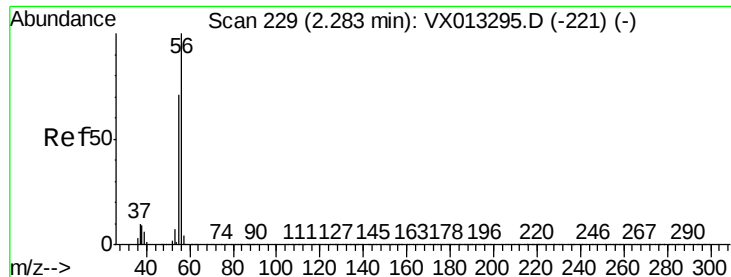
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.904 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.2	125.0	187.6
98	66.0	50.7	76.1





#13

Acrolein

Concen: 182.572 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 204134

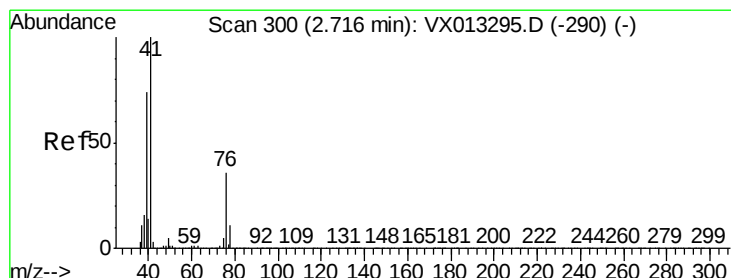
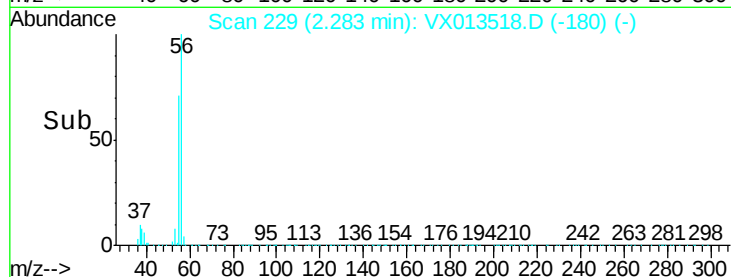
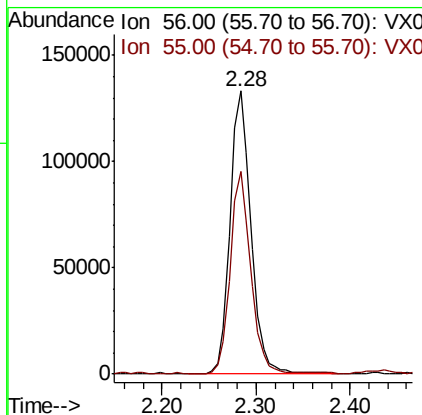
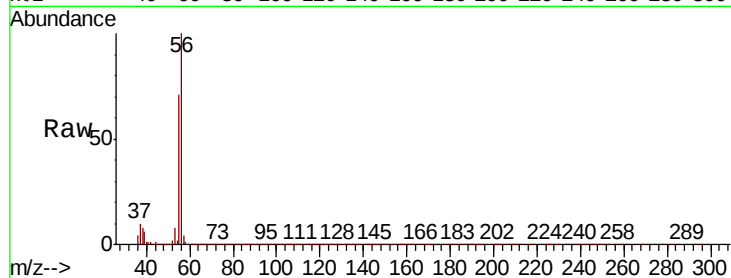
Ion Ratio Lower Upper

56 100

55 70.0 57.4 86.0

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#14

Allyl chloride

Concen: 49.219 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

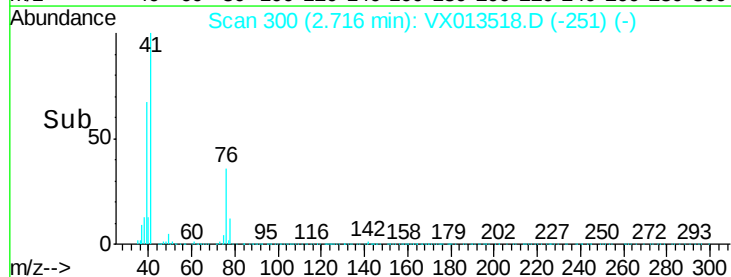
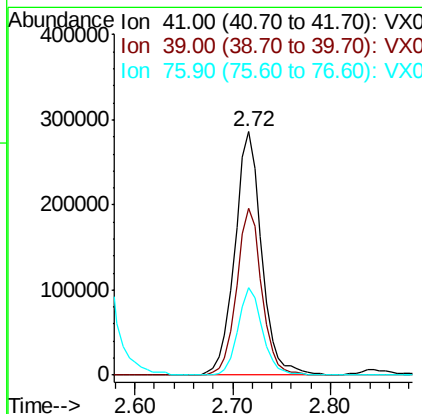
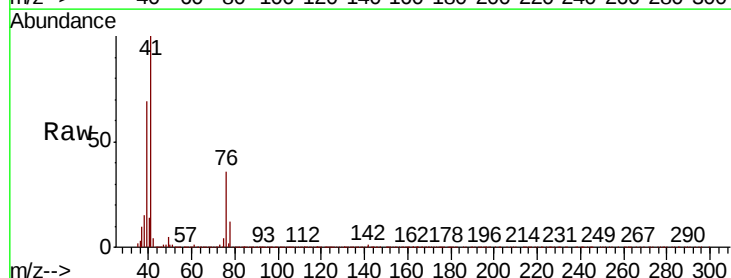
Tgt Ion: 41 Resp: 541974

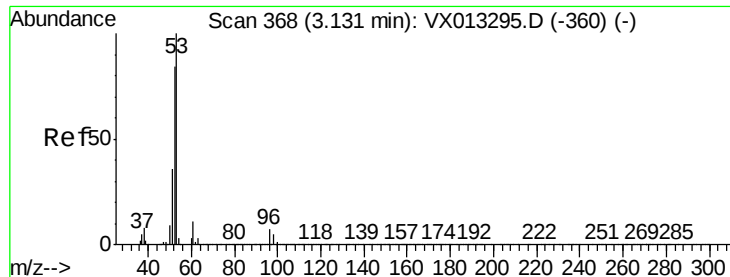
Ion Ratio Lower Upper

41 100

39 64.4 55.8 83.8

76 32.6 26.4 39.6





#15

Acrylonitrile

Concen: 257.164 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

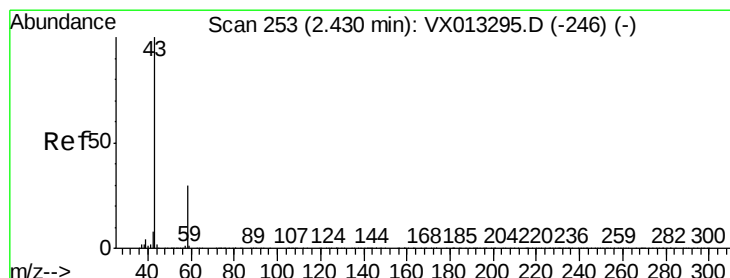
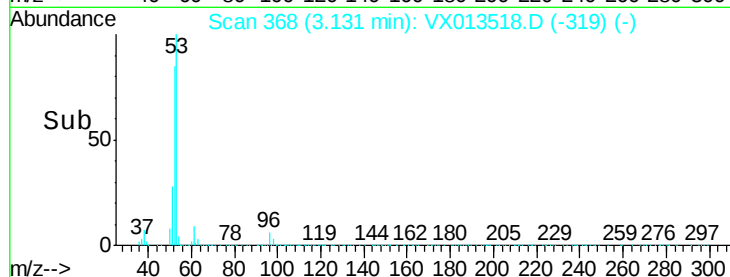
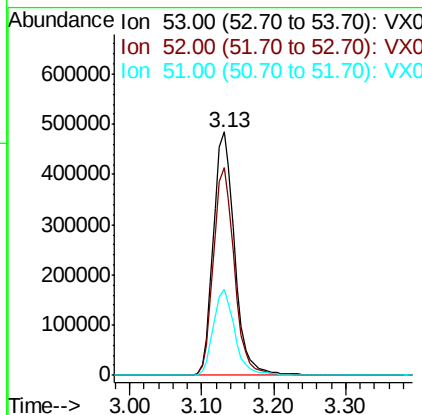
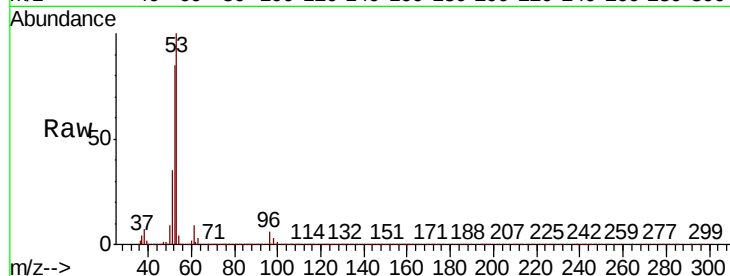
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	991017
Ion Ratio		Lower	Upper
53	100		
52	83.9	67.4	101.0
51	35.6	29.4	44.2

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#16

Acetone

Concen: 214.214 ug/l

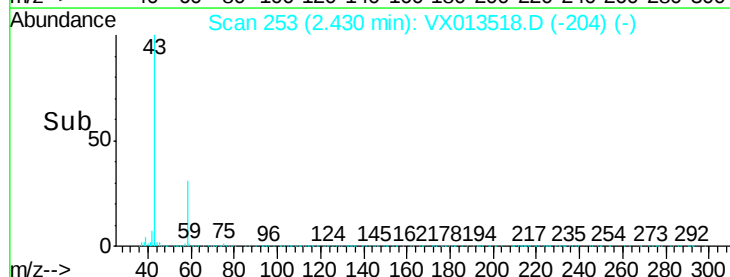
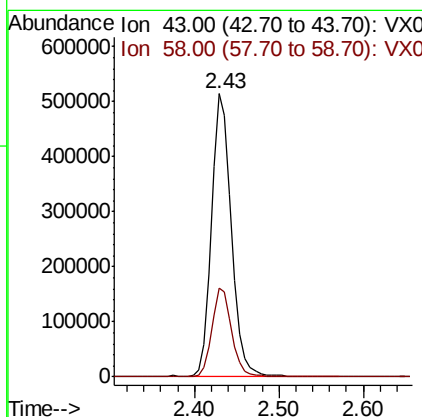
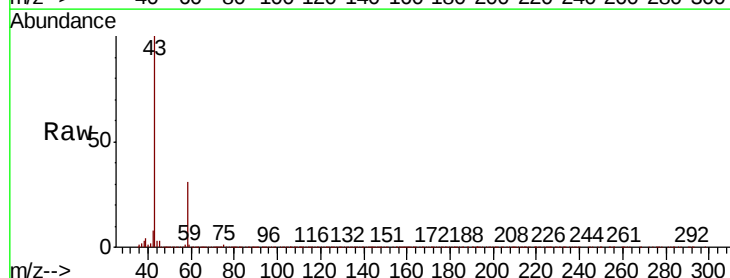
RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Tgt Ion:	43	Resp:	836313
Ion Ratio		Lower	Upper
43	100		
58	31.1	24.3	36.5





#17

Carbon Disulfide

Concen: 42.016 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 681546

Ion Ratio Lower Upper

76 100

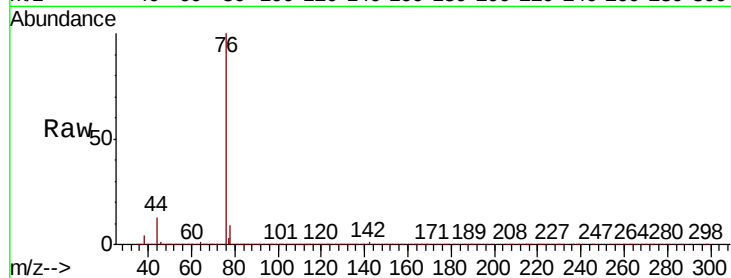
78 9.1 7.0 10.6

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

400000

300000

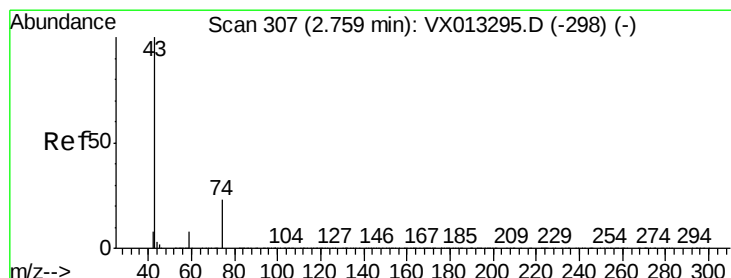
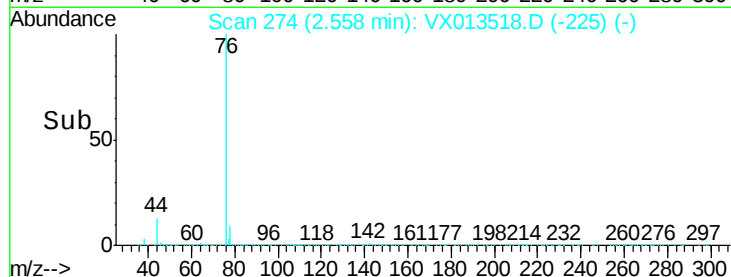
200000

100000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 53.681 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013518.D

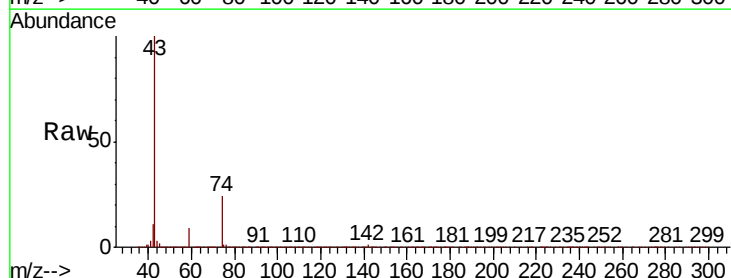
Acq: 21 Nov 2019 21:03

Tgt Ion: 43 Resp: 578599

Ion Ratio Lower Upper

43 100

74 23.5 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

300000

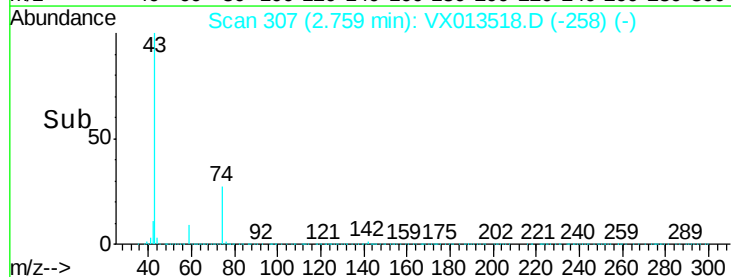
200000

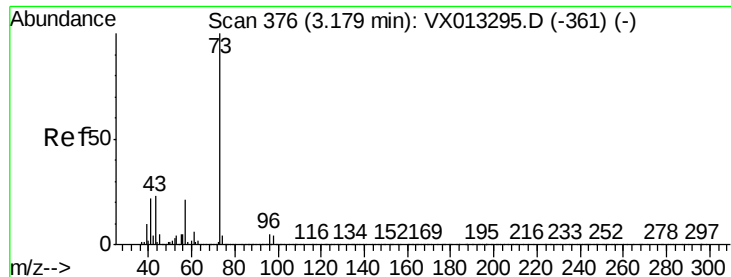
100000

0

2.60 2.70 2.80 2.90

Time-->





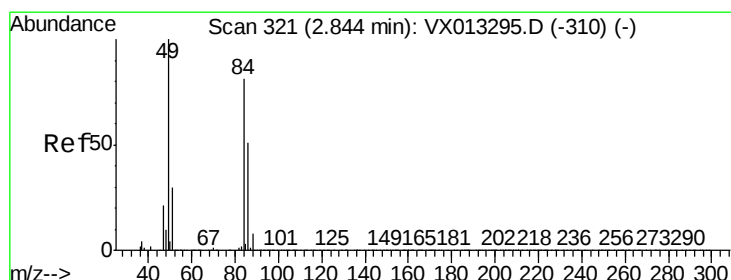
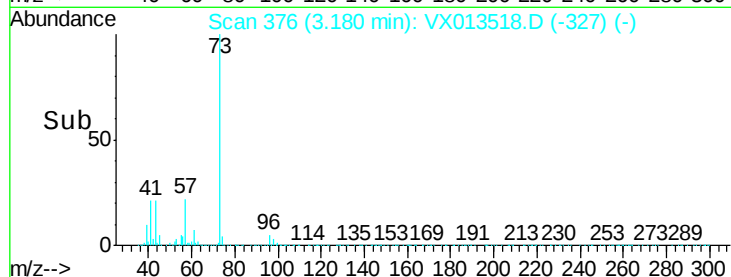
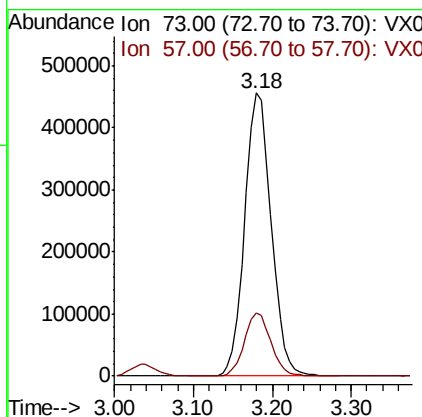
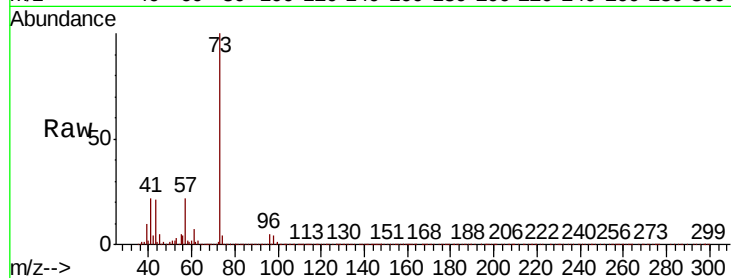
#19
Methvl tert-butvl Ether
Concen: 52.886 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1069007
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7

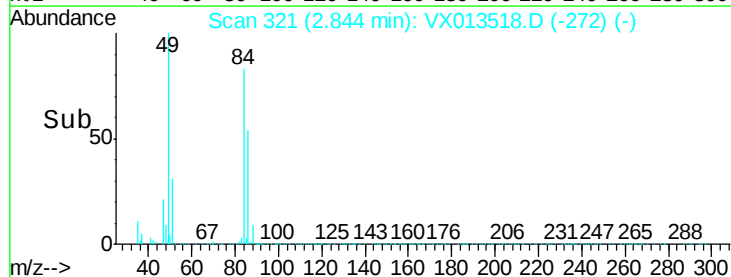
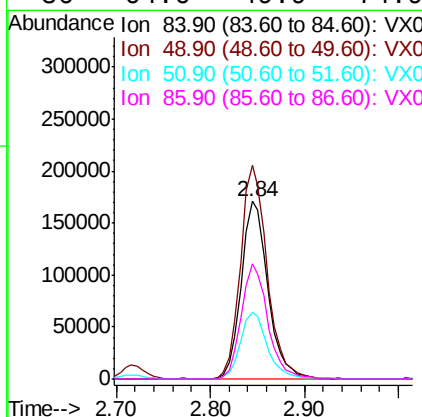
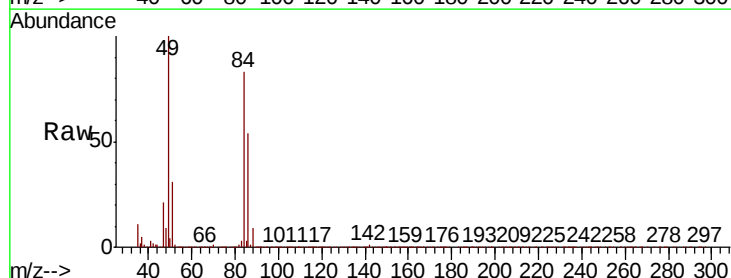
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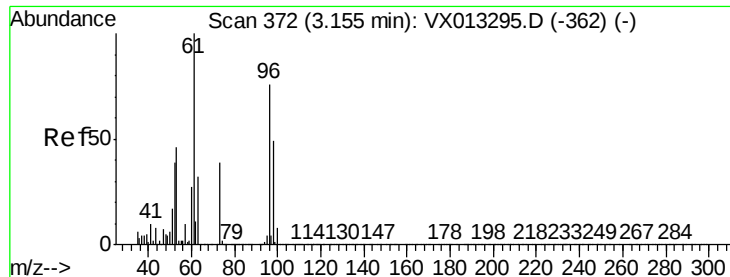
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#20
Methylene Chloride
Concen: 46.940 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion: 84 Resp: 338595
Ion Ratio Lower Upper
84 100
49 120.4 98.2 147.4
51 37.4 29.9 44.9
86 64.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 46.866 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

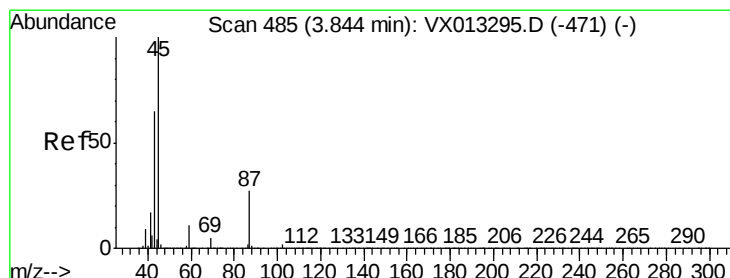
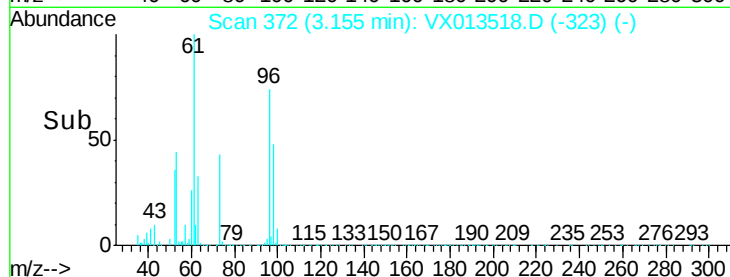
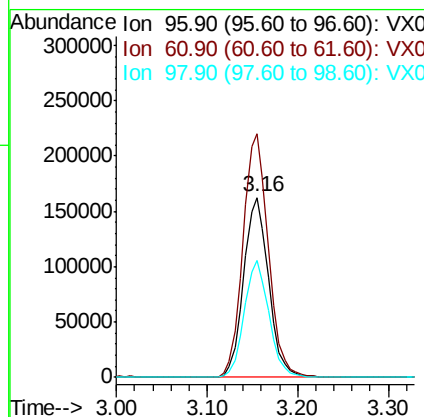
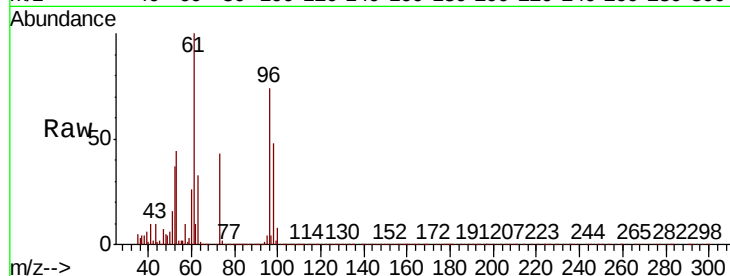
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	309253
Ion	Ratio	Lower	Upper
96	100		
61	135.2	105.8	158.6
98	64.6	51.8	77.6

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#22

Diisopropyl ether

Concen: 52.331 ug/l

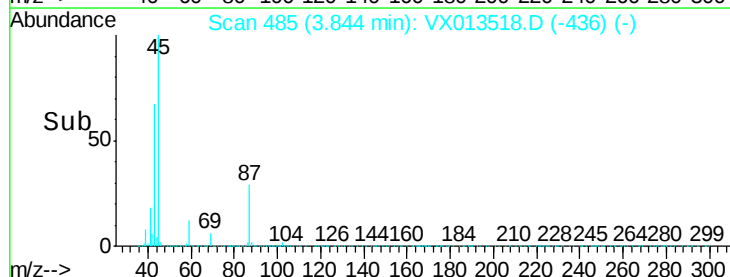
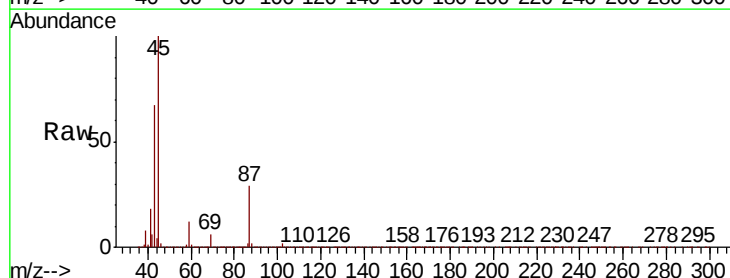
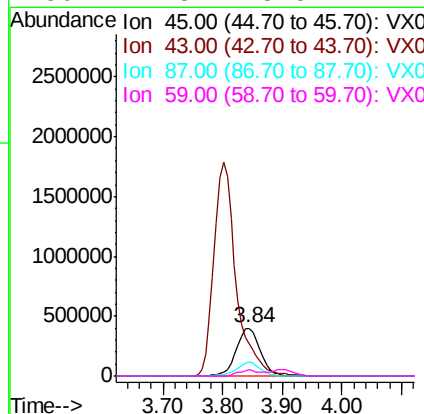
RT: 3.84 min Scan# 485

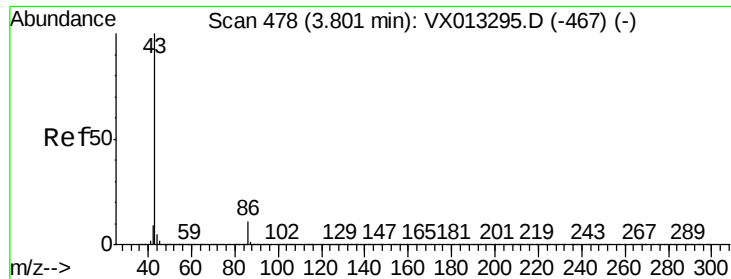
Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Tgt Ion:	45	Resp:	1112494
Ion	Ratio	Lower	Upper
45	100		
43	66.7	54.2	81.2
87	28.8	21.8	32.8
59	12.3	8.5	12.7





#23

Vinyl Acetate

Concen: 253.594 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 4613184

Ion Ratio Lower Upper

43 100

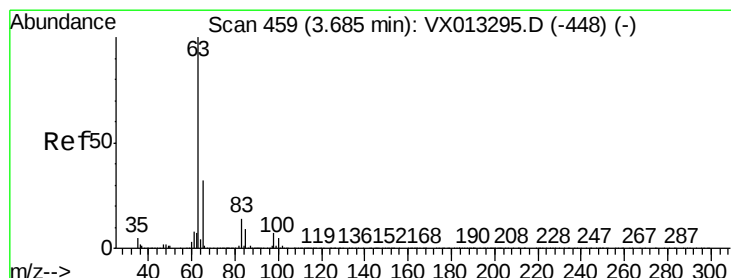
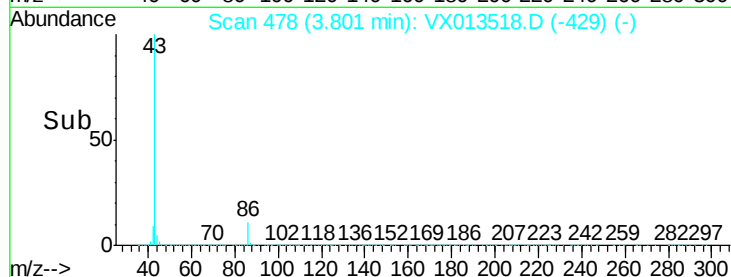
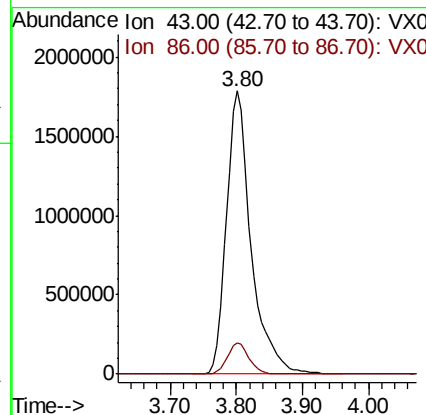
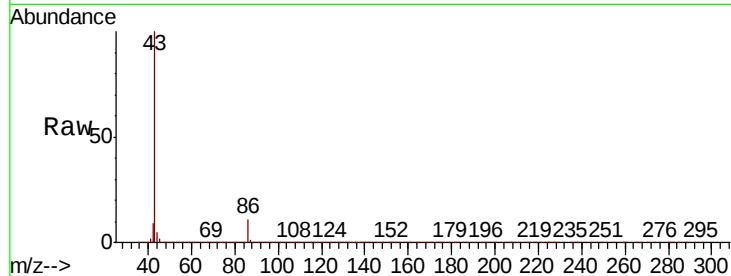
86 11.2 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 50.319 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

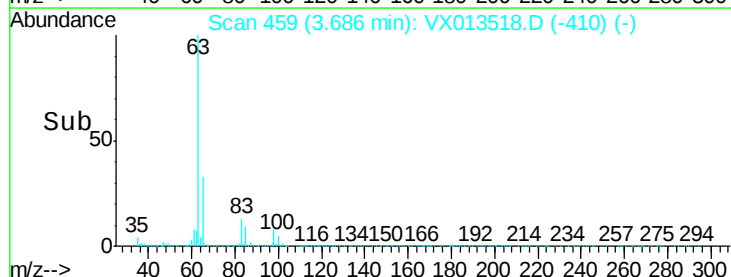
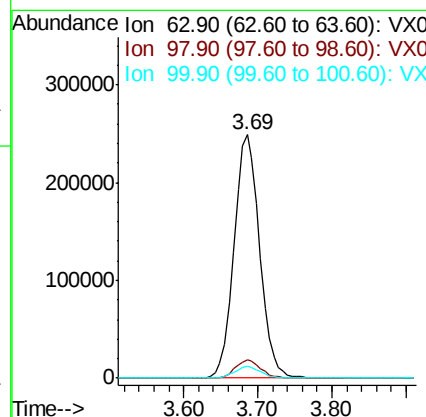
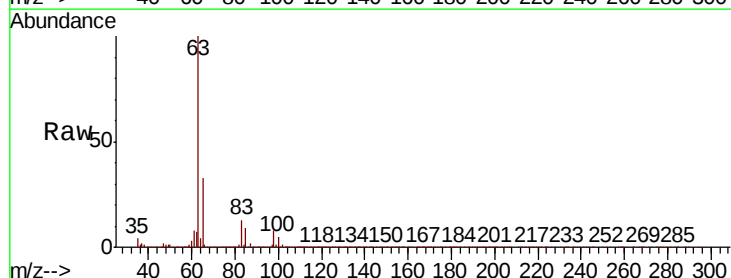
Tgt Ion: 63 Resp: 598413

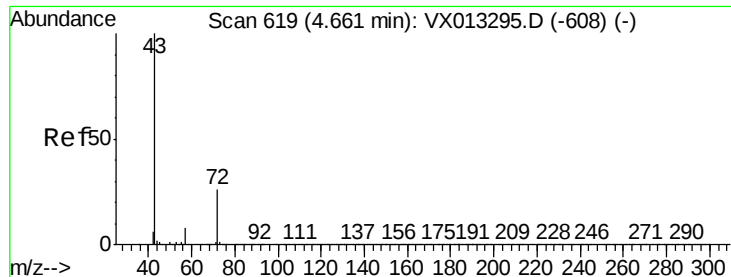
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 243.014 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1391832

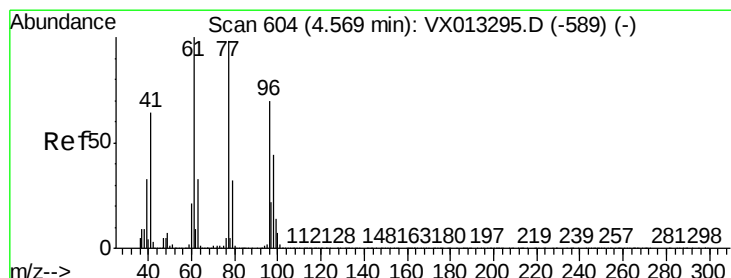
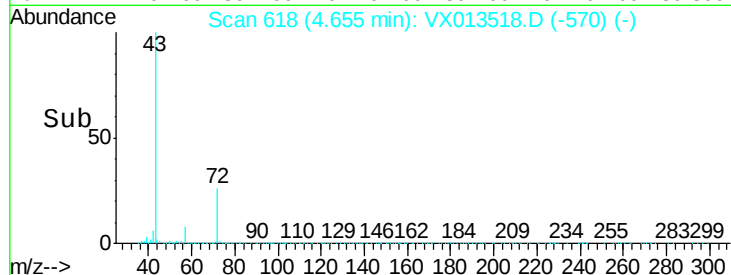
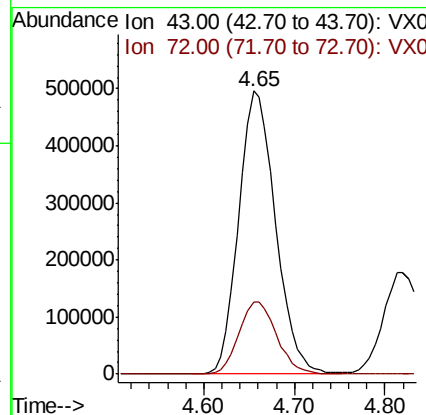
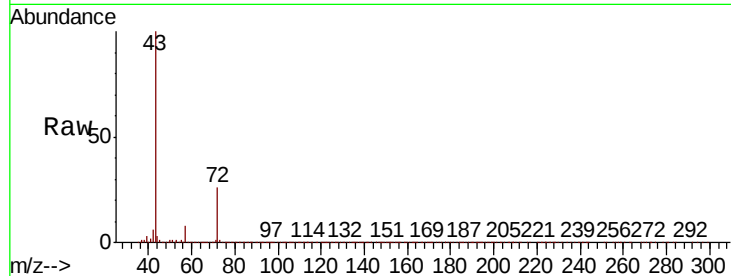
Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 46.540 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013518.D

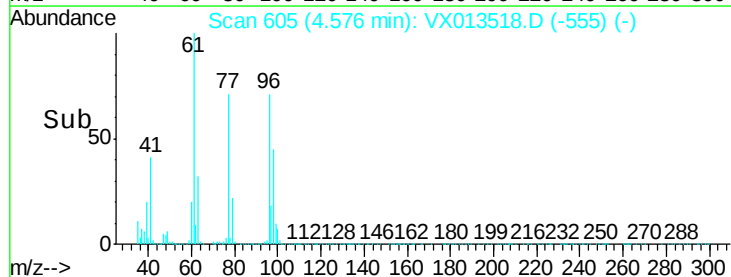
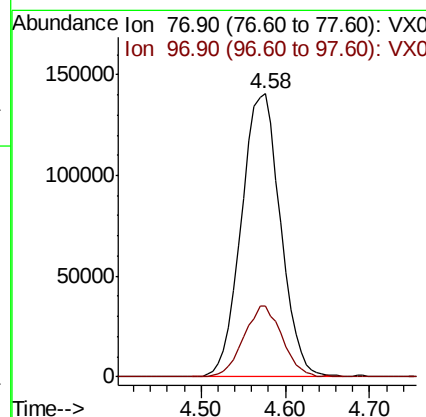
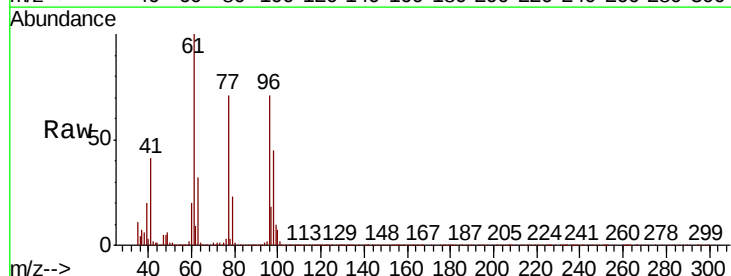
Acq: 21 Nov 2019 21:03

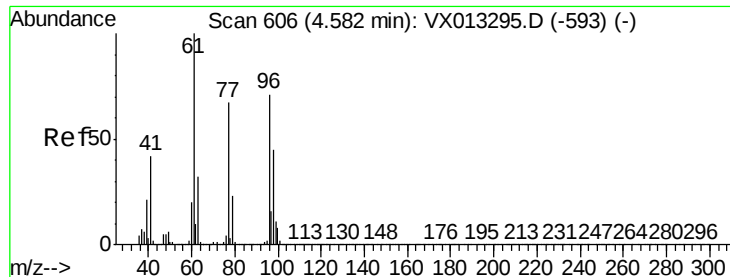
Tgt Ion: 77 Resp: 440303

Ion Ratio Lower Upper

77 100

97 24.4 11.3 33.8





#27

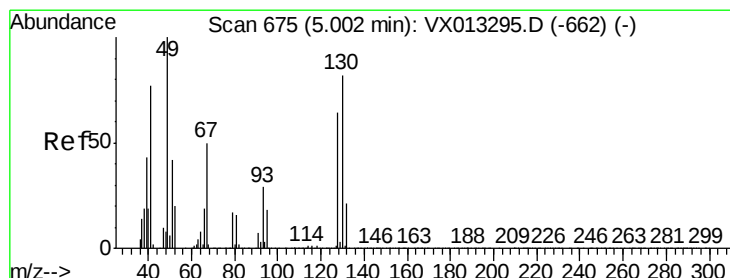
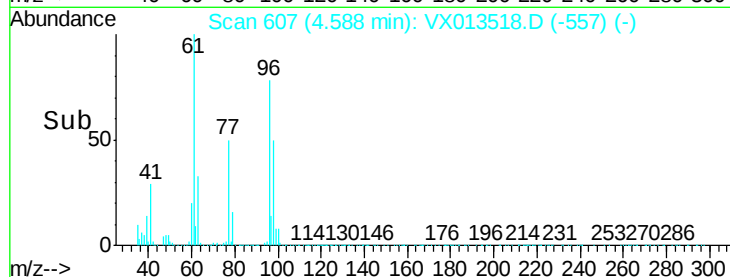
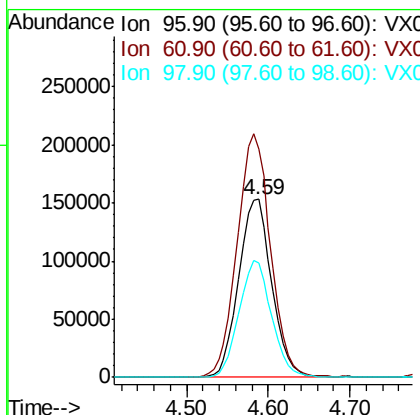
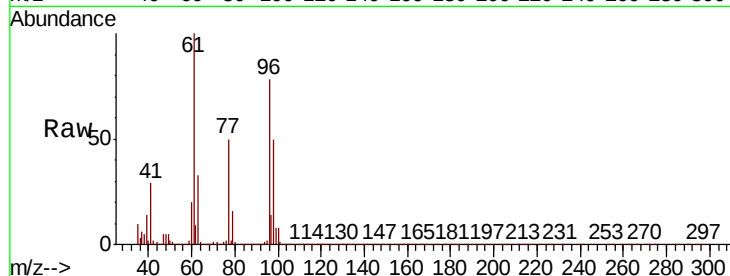
cis-1,2-Dichloroethene
Concen: 58.322 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	431106		
61	138.6	0.0	288.0	
98	64.6	0.0	129.6	

Manual Integrations
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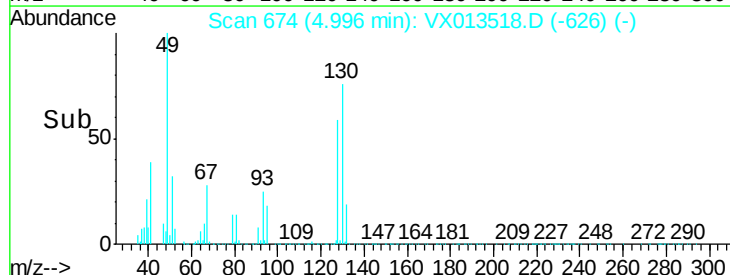
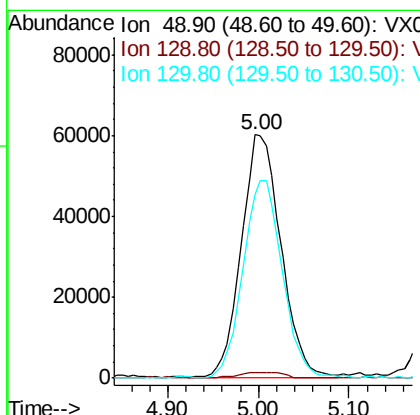
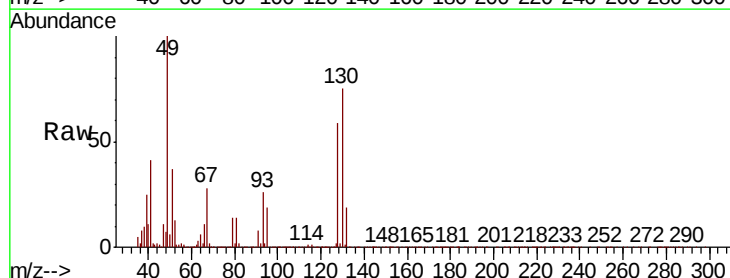
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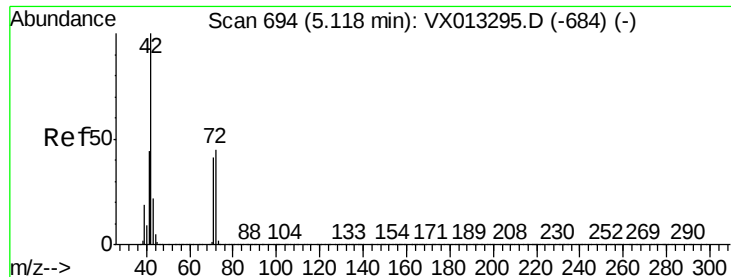


#28

Bromochloromethane
Concen: 53.634 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	181104		
129	0.0	0.0	5.2	
130	80.6	63.8	95.6	





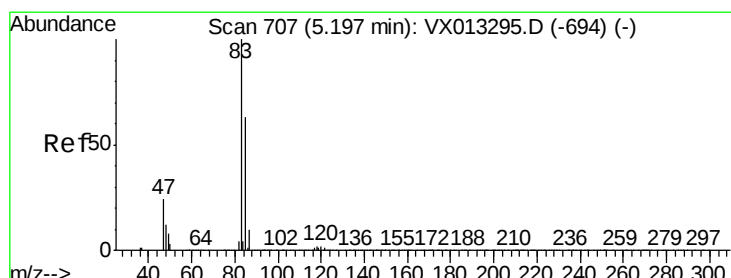
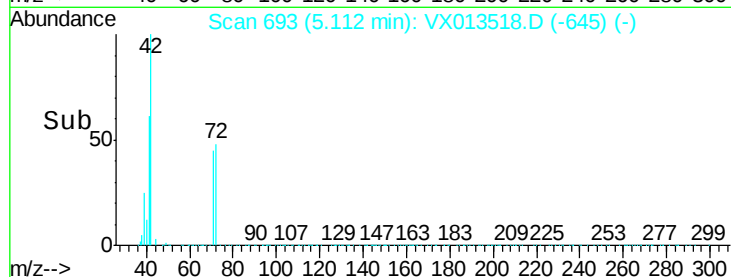
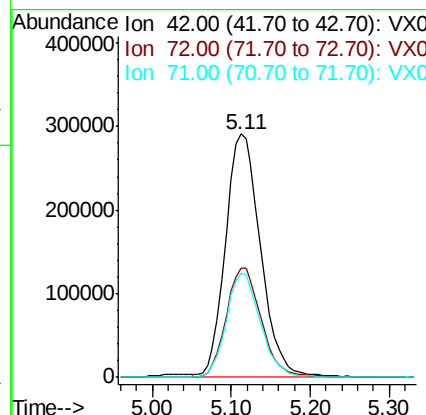
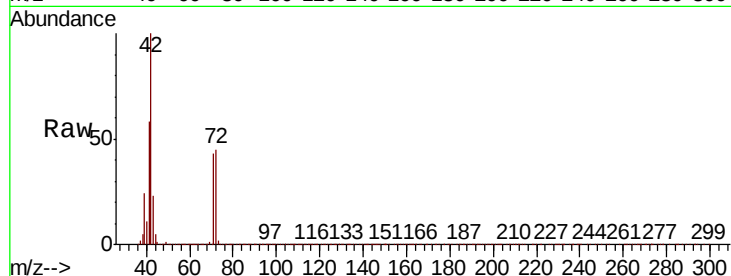
#29
Tetrahydrofuran
Concen: 252.735 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	35.8	53.8
71	42.2	33.4	50.0

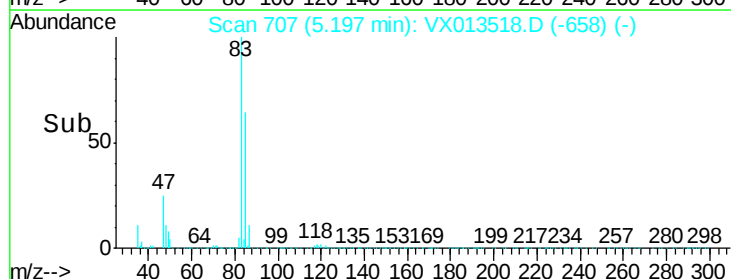
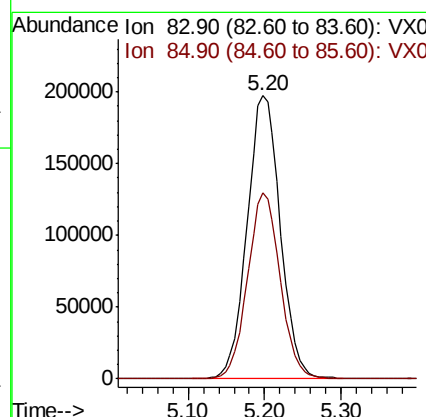
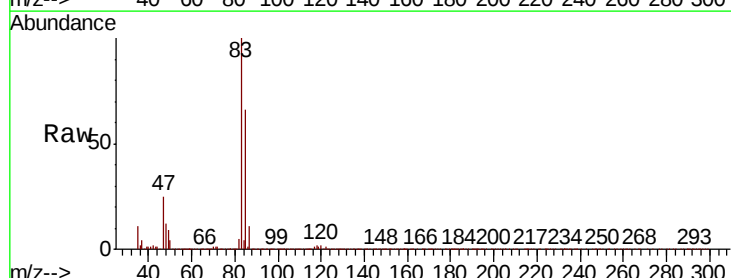
Manual Integrations
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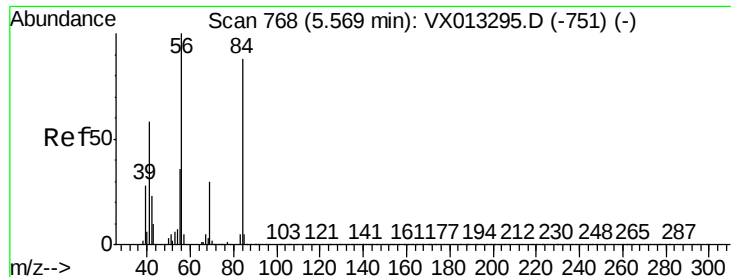
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#30
Chloroform
Concen: 50.711 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.2	75.4





#31

Cyclohexane

Concen: 46.041 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

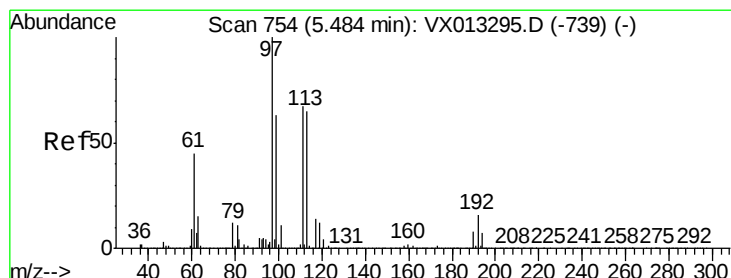
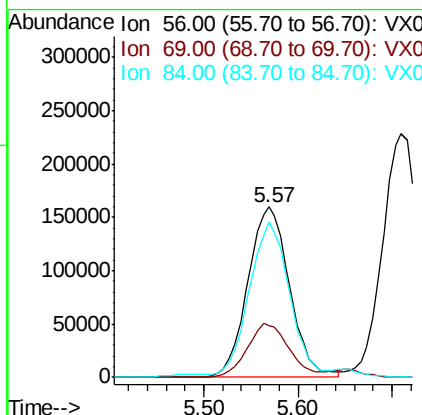
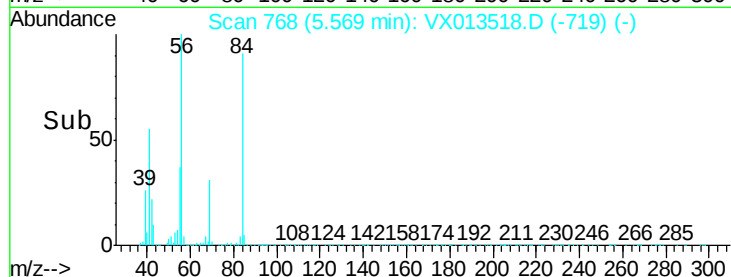
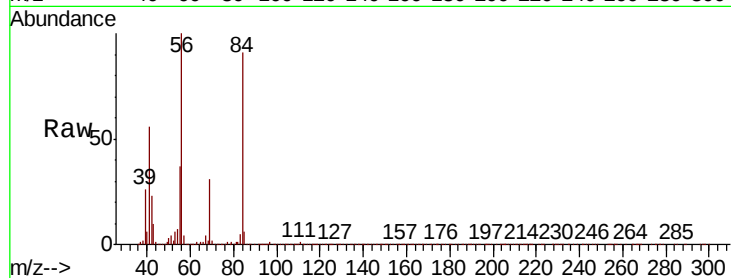
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	492691
Ion Ratio	Lower	Upper	
56	100		
69	30.6	23.7	35.5
84	89.4	70.6	105.8

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#32

1,1,1-Trichloroethane

Concen: 49.662 ug/l

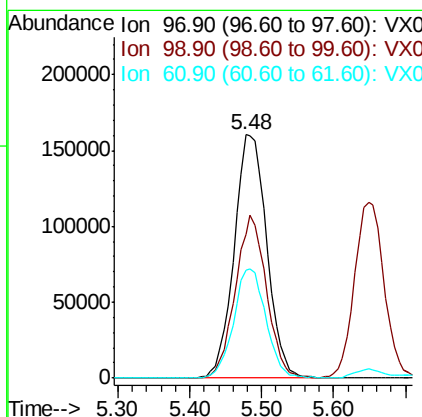
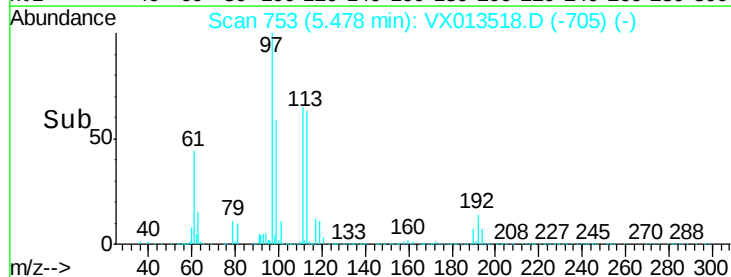
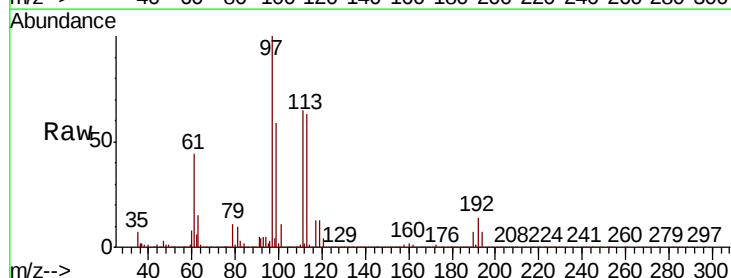
RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Tgt Ion:	97	Resp:	501879
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.1	76.7
61	44.3	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 49.451 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 387063

Ion Ratio Lower Upper

65 100

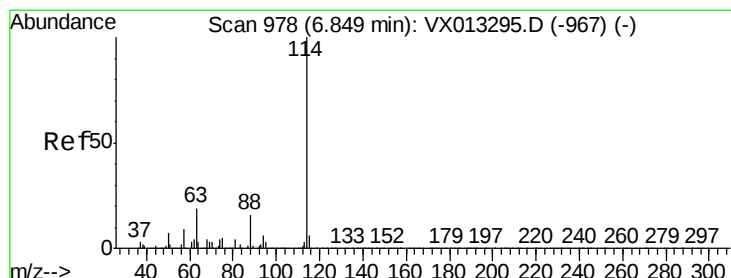
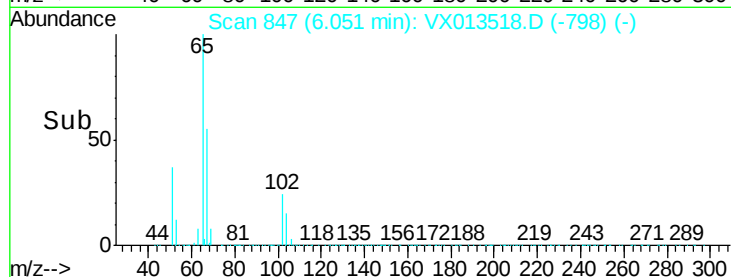
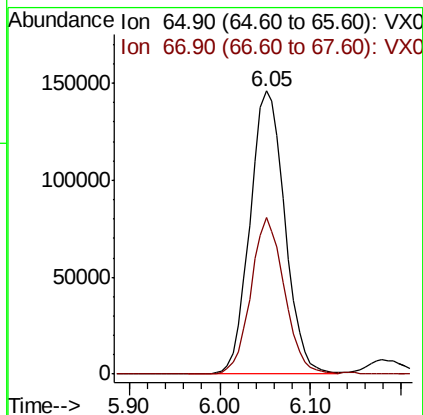
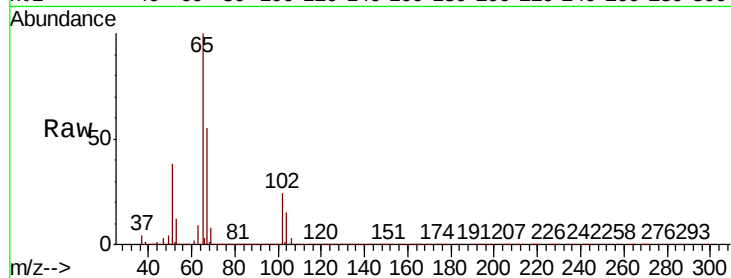
67 52.8 0.0 104.2

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11/22/2019 8:44:09 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

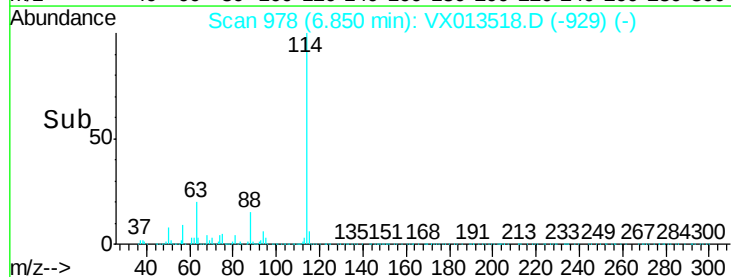
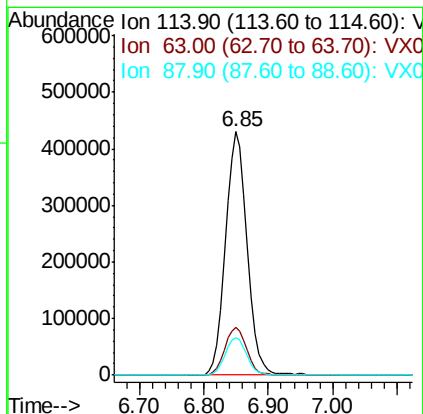
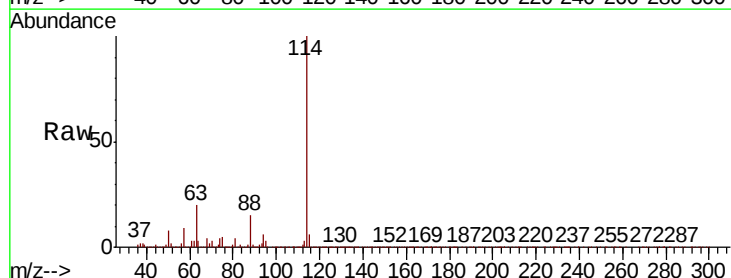
Tgt Ion: 114 Resp: 1016946

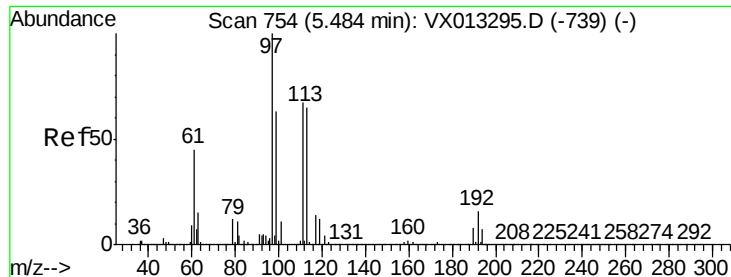
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

88 15.3 0.0 32.2





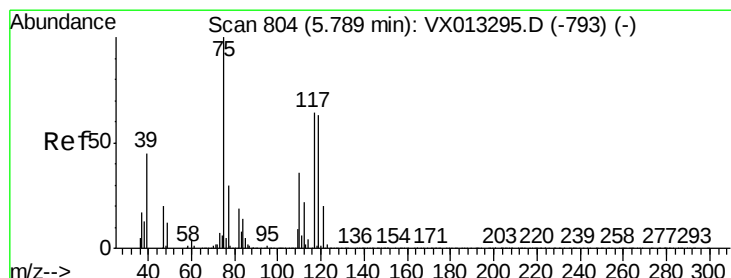
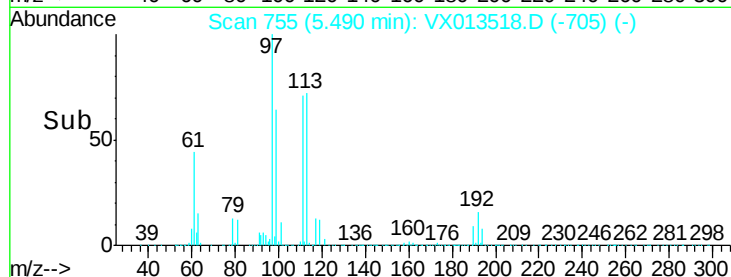
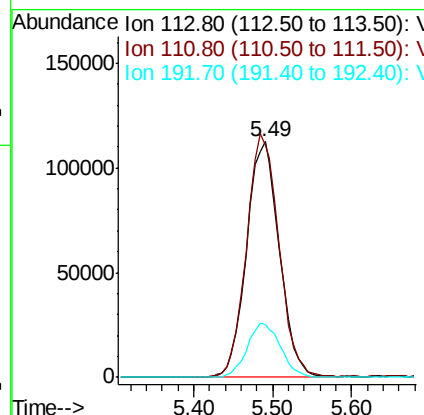
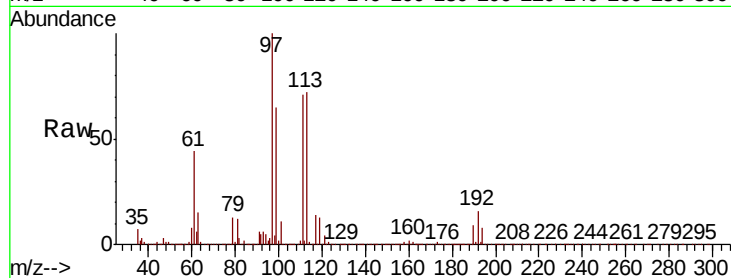
#35
Dibromofluoromethane
Concen: 50.913 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	324747		
111	102.1	81.9	122.9	
192	23.6	19.1	28.7	

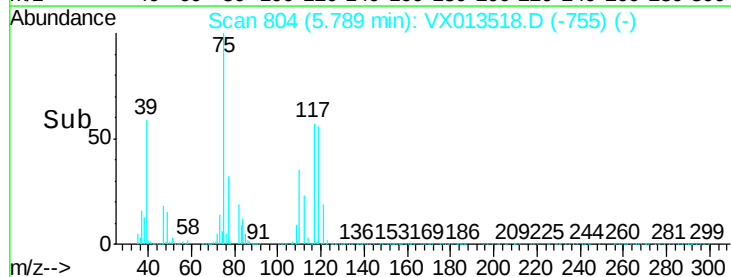
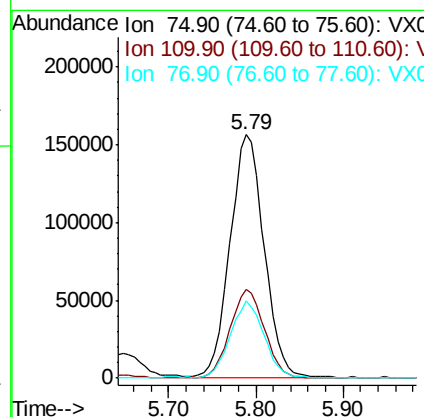
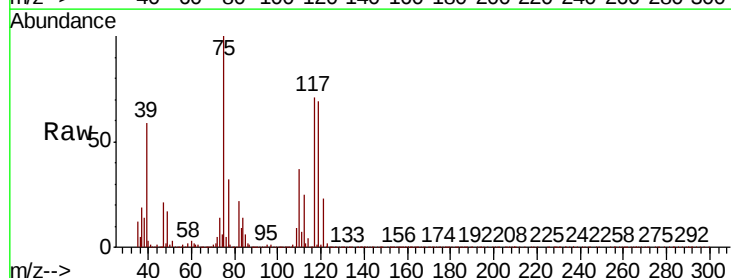
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APPROVED

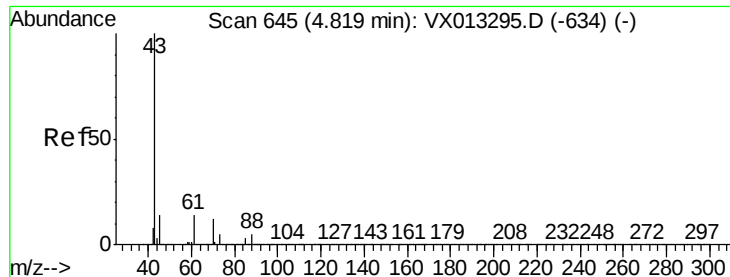
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#36
1,1-Dichloropropene
Concen: 48.168 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	420226		
110	36.7	18.1	54.1	
77	31.0	25.0	37.4	





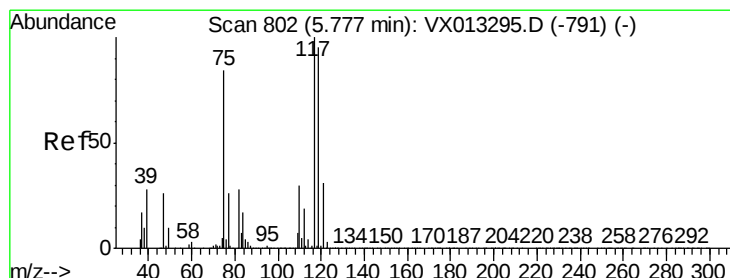
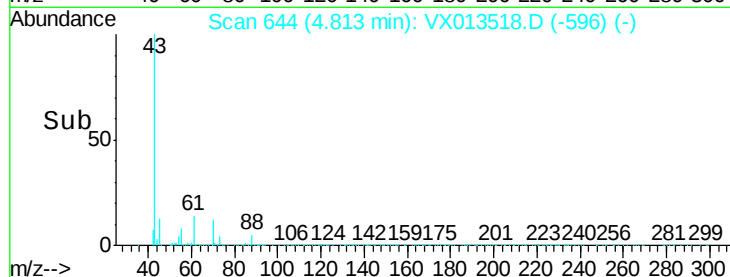
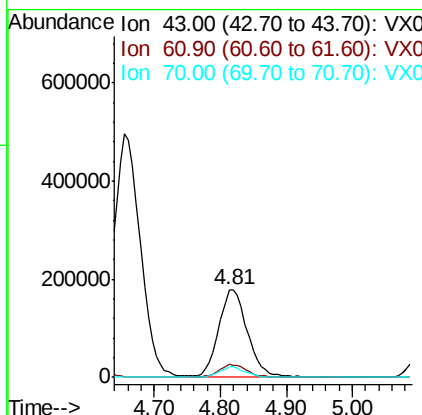
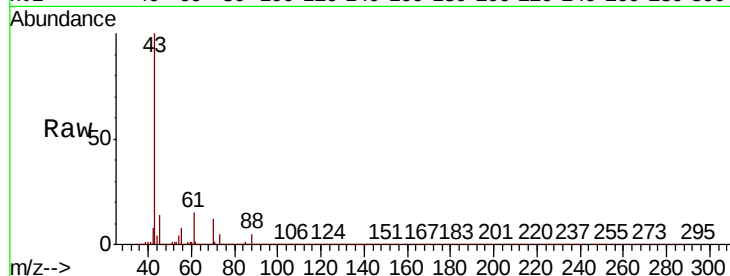
#37
Ethyl Acetate
Concen: 49.864 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.9	8.7	13.1

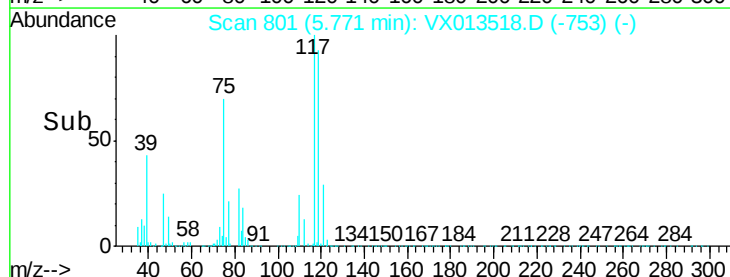
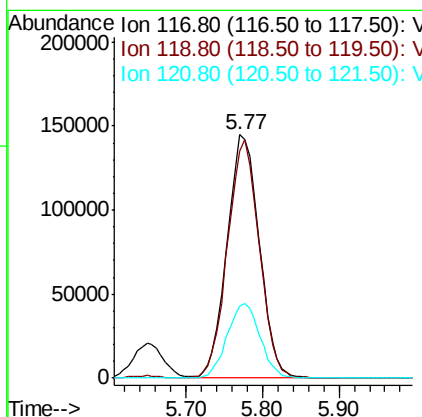
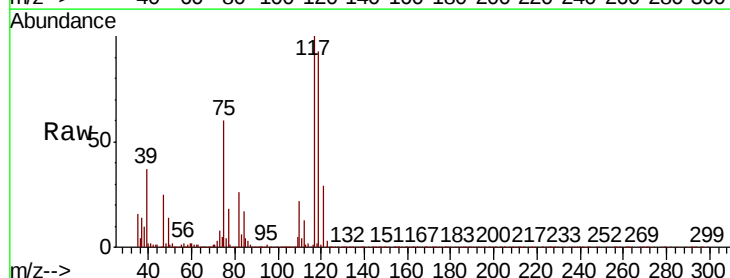
Manual Integrations
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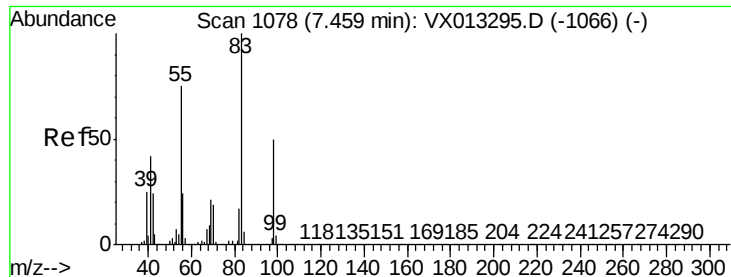
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#38
Carbon Tetrachloride
Concen: 49.640 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.1	114.1
121	29.3	24.6	37.0





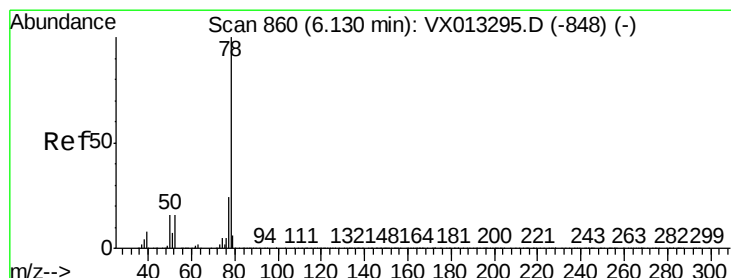
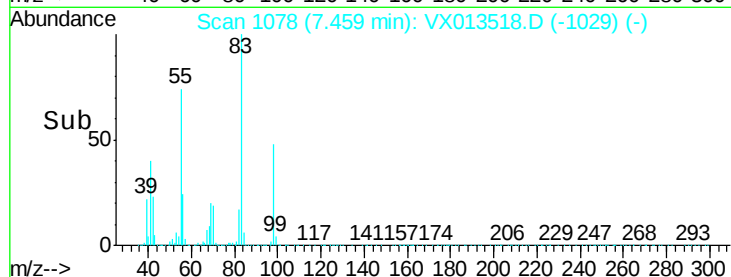
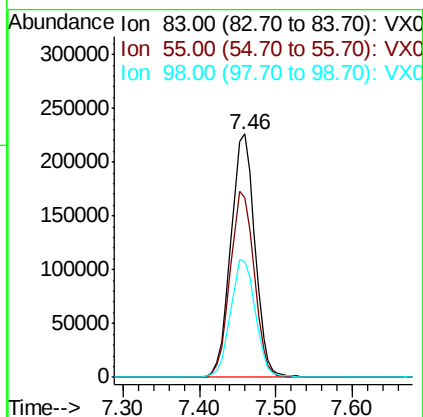
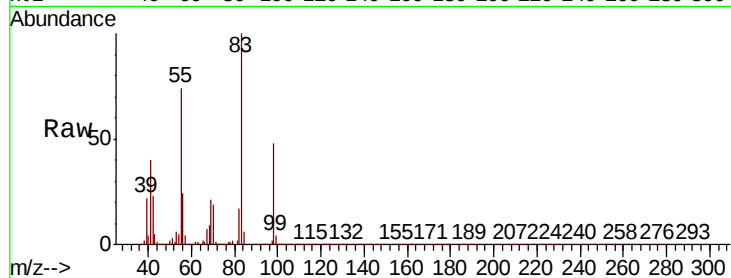
#39
Methvlcvclohexane
Concen: 45.451 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	60.3	90.5
98	47.6	40.3	60.5

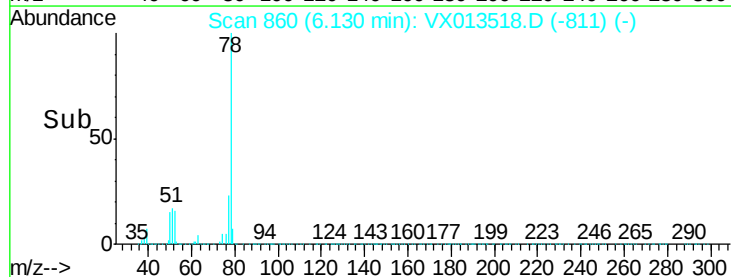
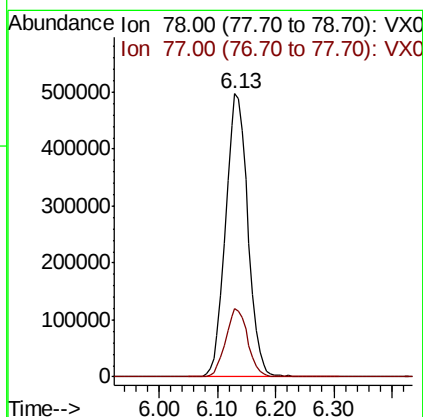
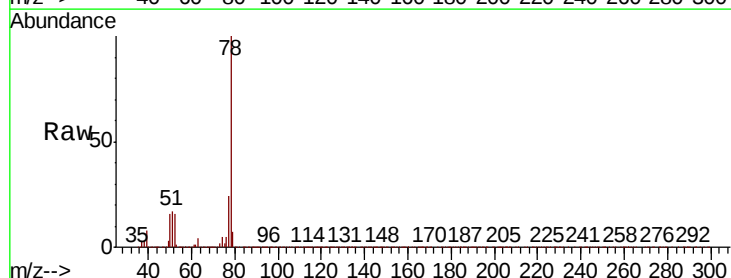
Manual Integrations
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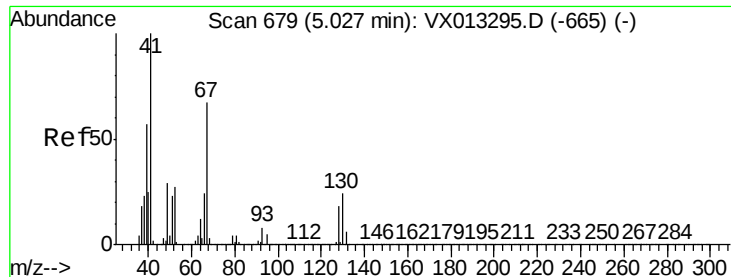
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#40
Benzene
Concen: 48.808 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.5	29.3





#41

Methacrylonitrile

Concen: 50.279 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

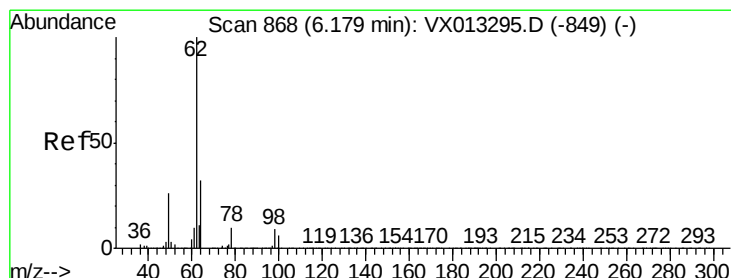
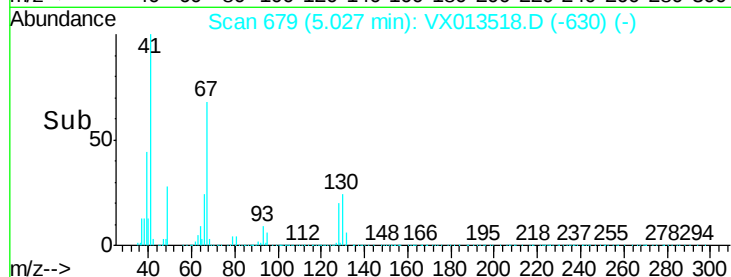
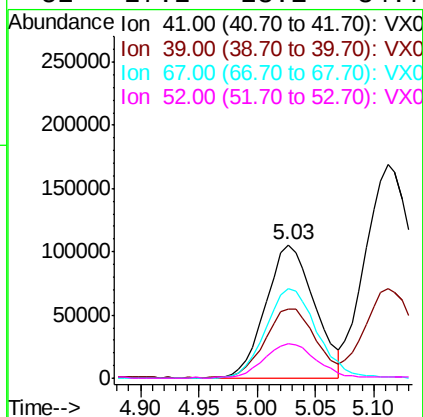
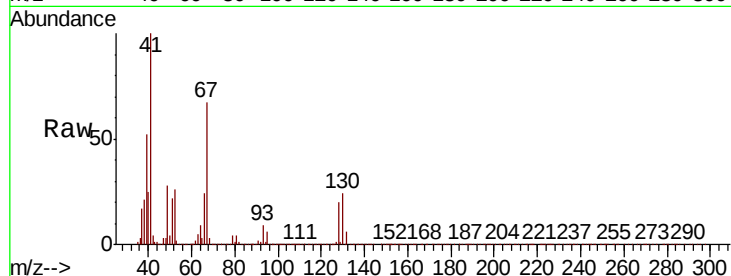
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	45.0	67.6	
67	71.1	55.4	83.2	
52	27.2	23.1	34.7	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.234 ug/l

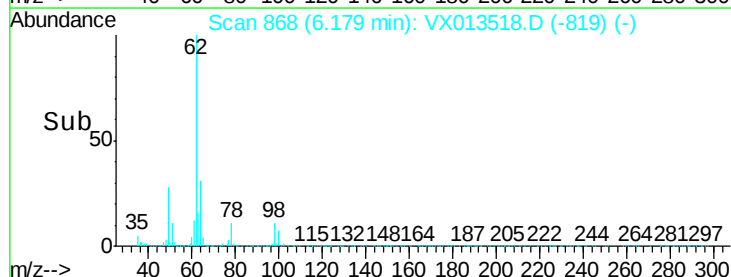
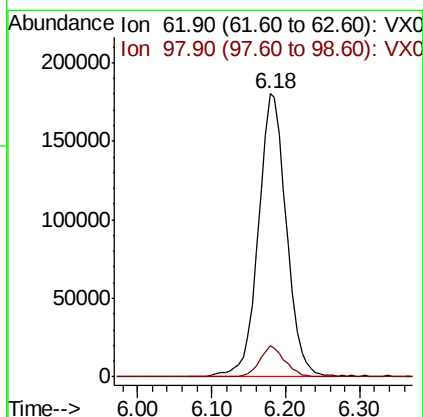
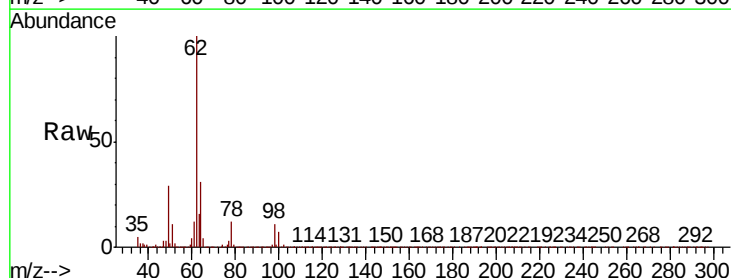
RT: 6.18 min Scan# 868

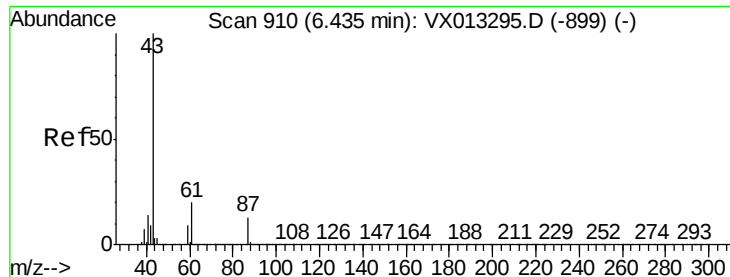
Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	19.4	





#43

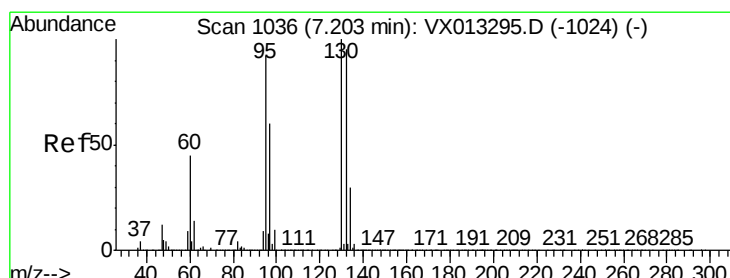
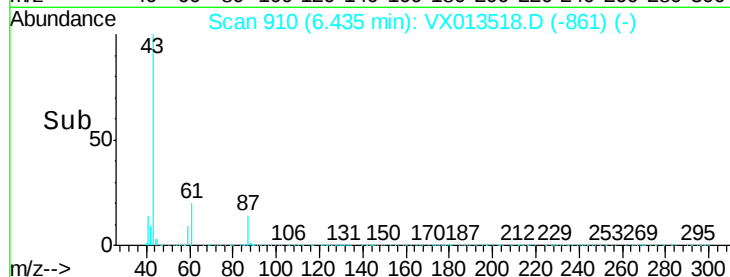
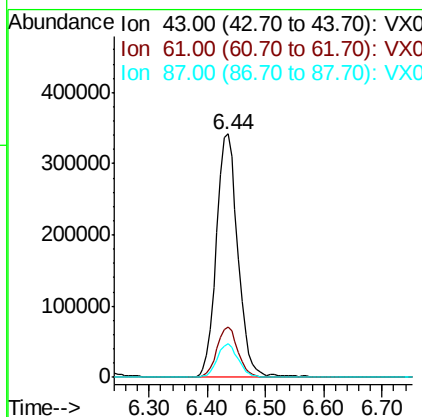
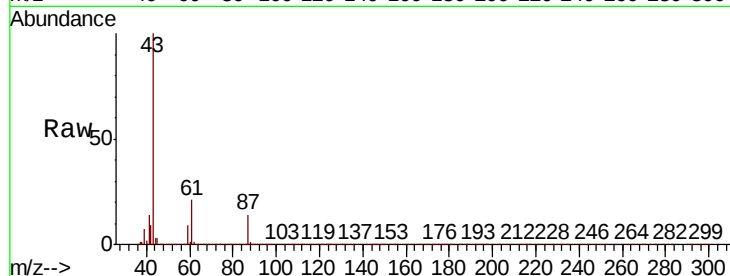
Isopropyl Acetate
 Concen: 51.737 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013518.D
 Acq: 21 Nov 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	15.8	23.8
87	13.7	10.4	15.6

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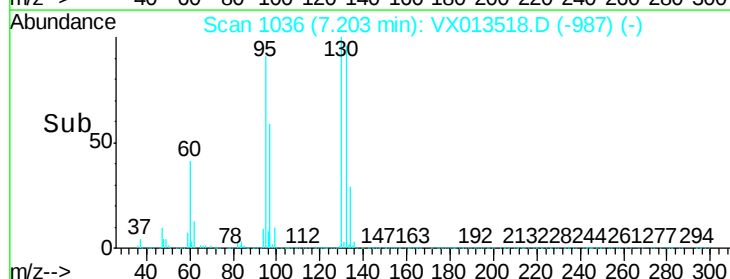
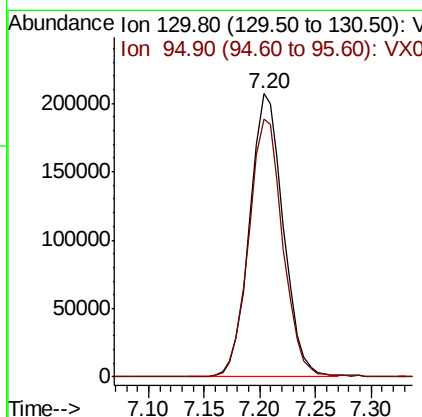
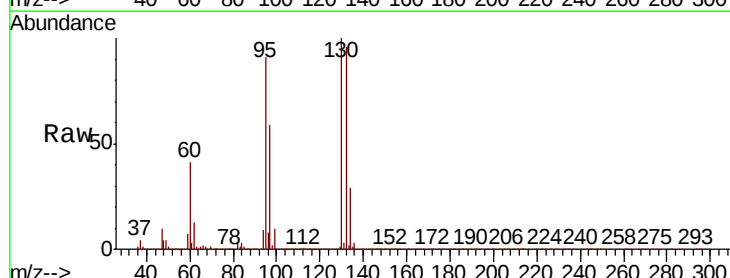
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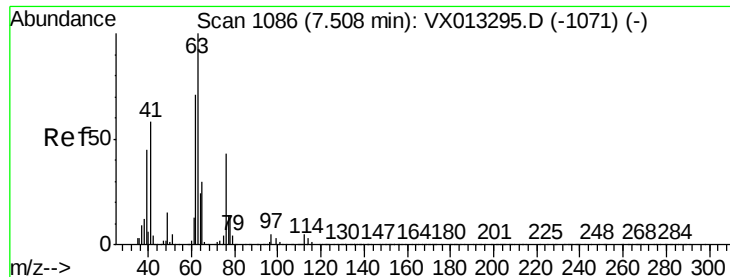


#44

Trichloroethene
 Concen: 58.400 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013518.D
 Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	184.8





#45

1,2-Dichloropropane

Concen: 51.605 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 357319

Ion Ratio Lower Upper

63 100

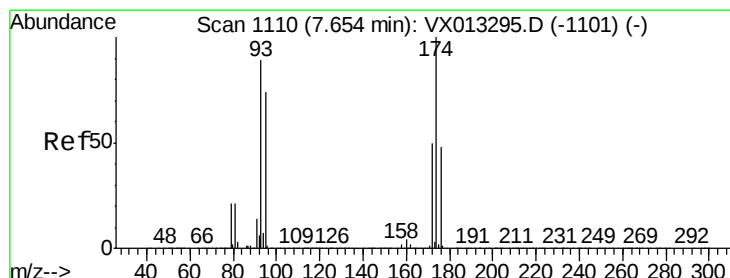
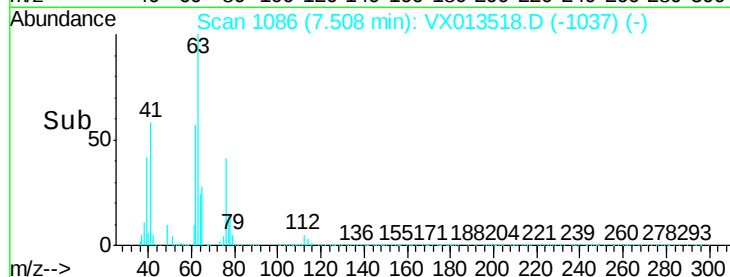
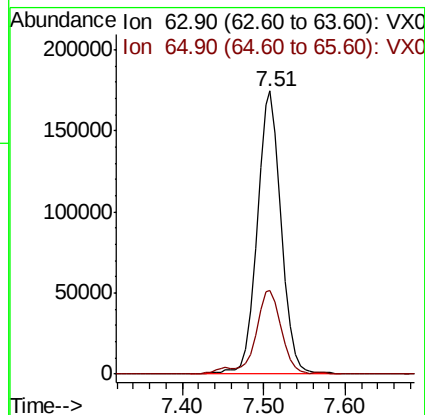
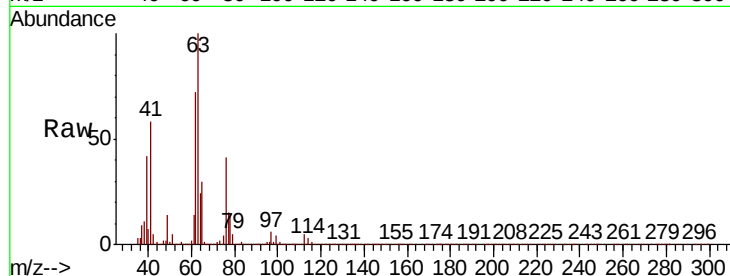
65 29.6 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 48.933 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

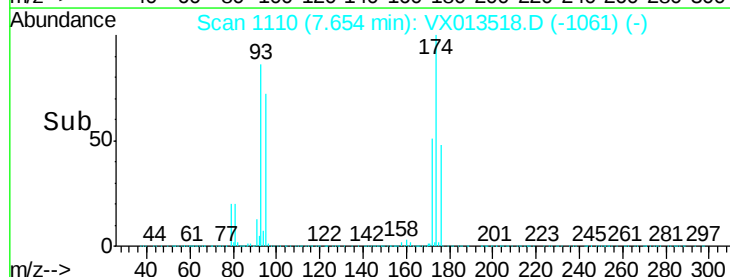
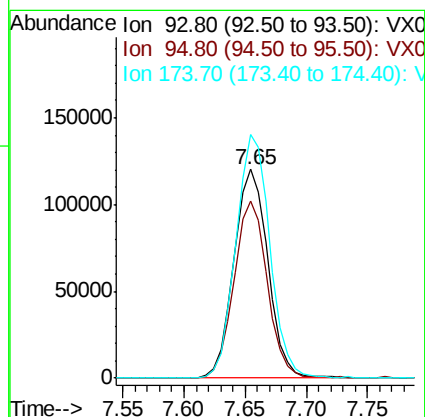
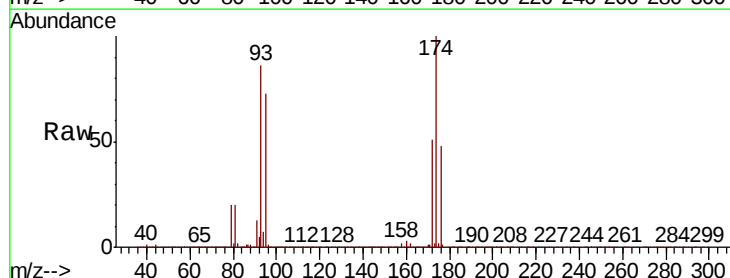
Tgt Ion: 93 Resp: 231340

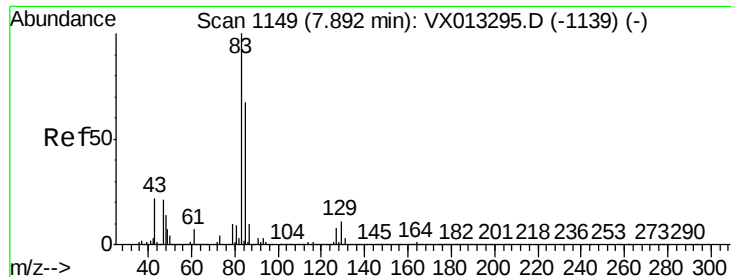
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.6

174 117.2 90.4 135.6





#47

Bromodichloromethane

Concen: 52.611 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

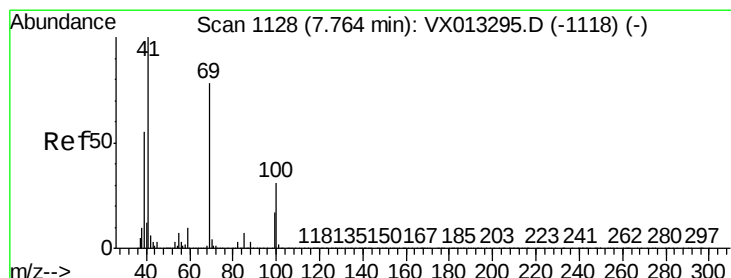
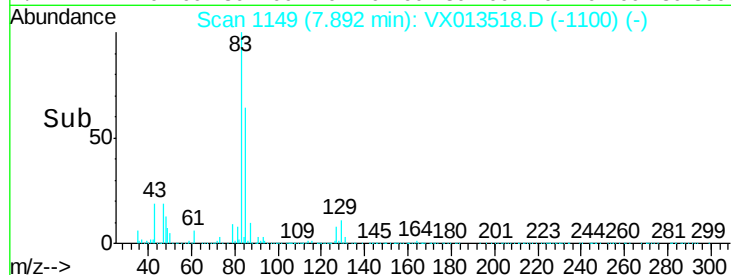
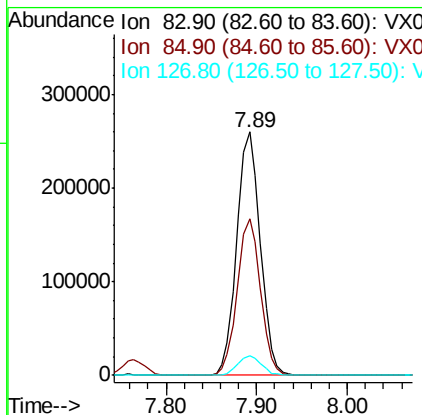
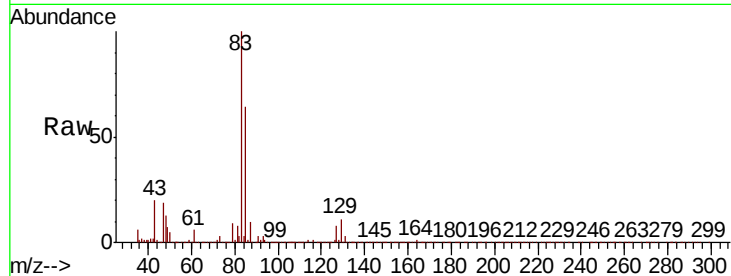
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	469023
Ion Ratio	Lower	Upper	
83	100		
85	64.3	53.7	80.5
127	7.9	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.330 ug/l

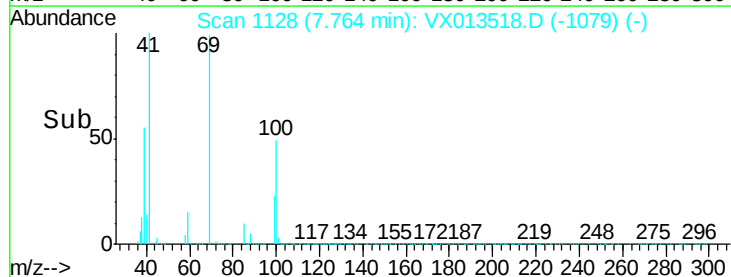
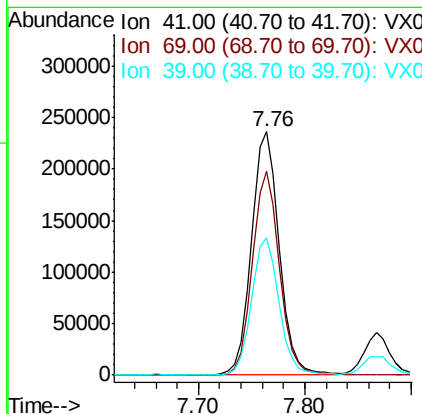
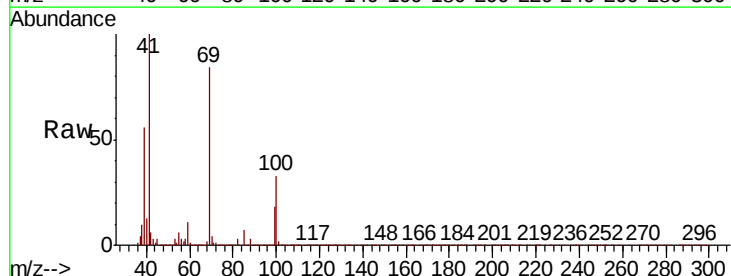
RT: 7.76 min Scan# 1128

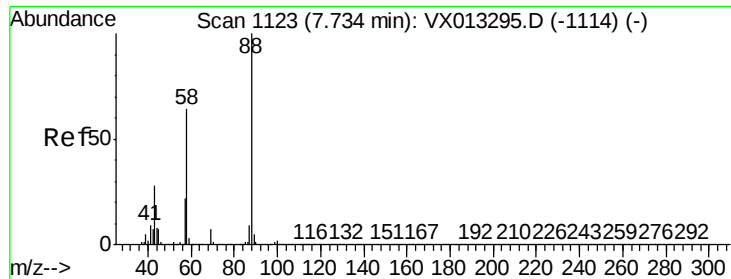
Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Tgt Ion:	41	Resp:	430120
Ion Ratio	Lower	Upper	
41	100		
69	82.3	63.0	94.6
39	55.9	45.9	68.9





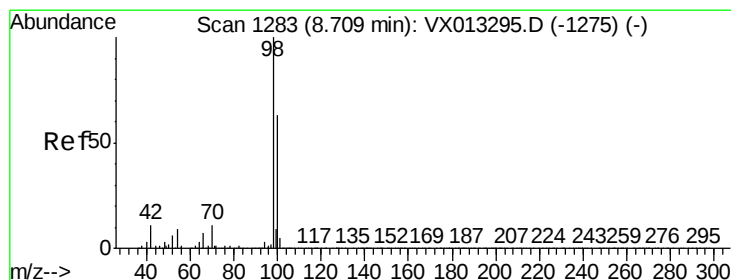
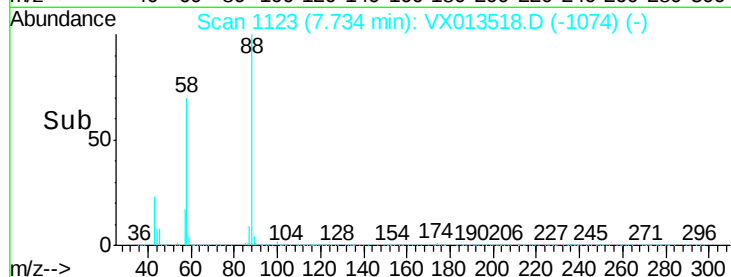
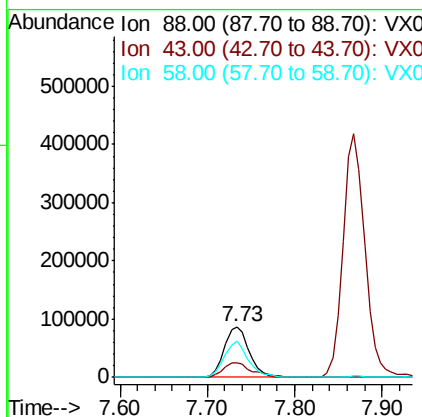
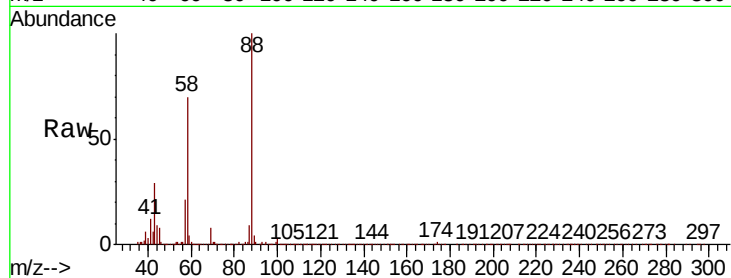
#49
1,4-Dioxane
Concen: 887.373 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.9	26.6	39.8
58	69.3	55.0	82.6

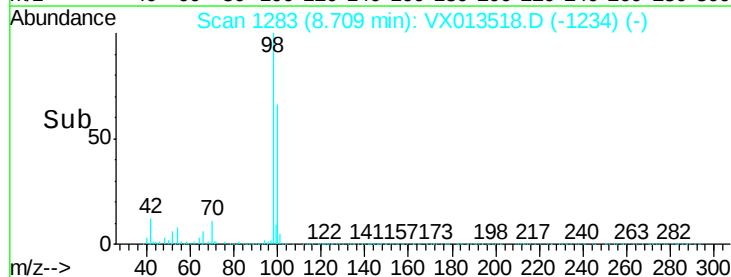
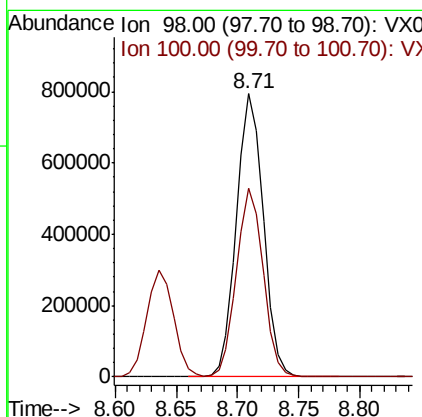
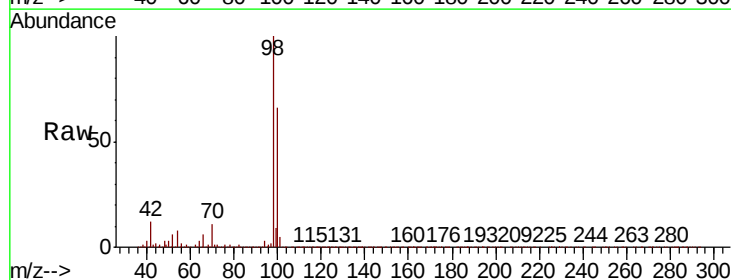
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#50
Toluene-d8
Concen: 50.158 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.2	78.2





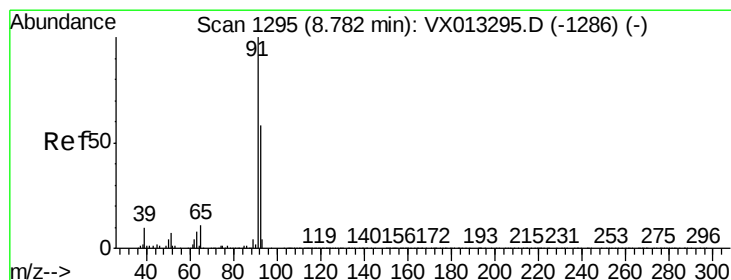
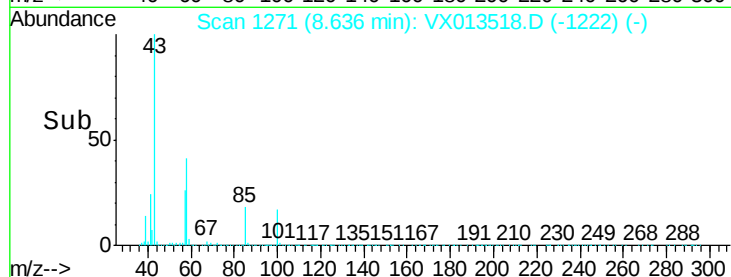
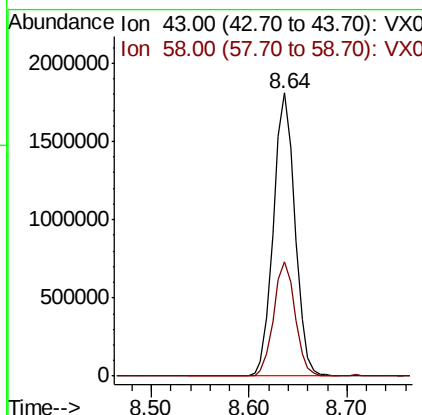
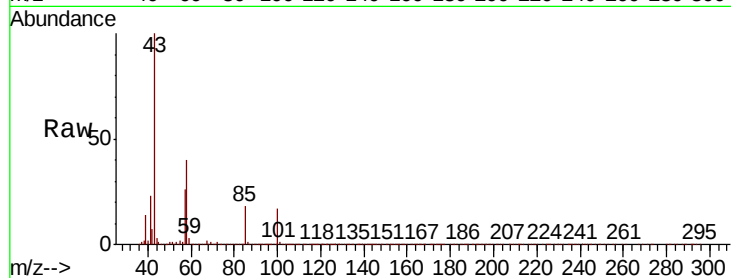
#51
4-Methyl-2-Pentanone
Concen: 252.087 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2776344
Ion Ratio Lower Upper
43 100
58 40.2 31.4 47.0

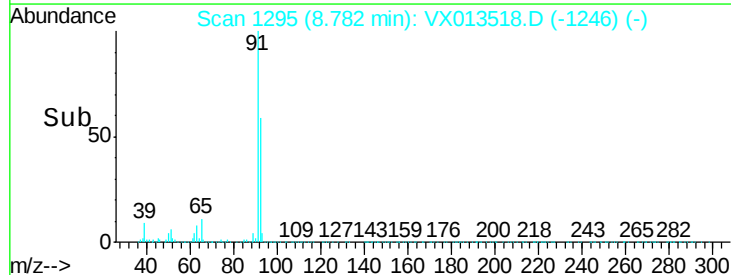
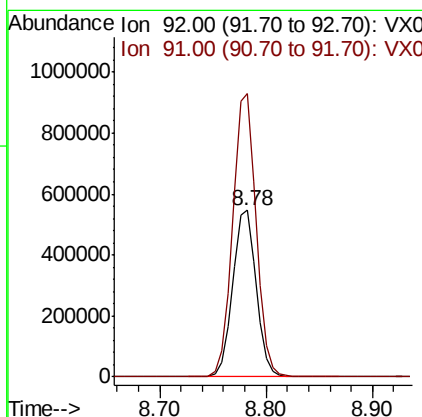
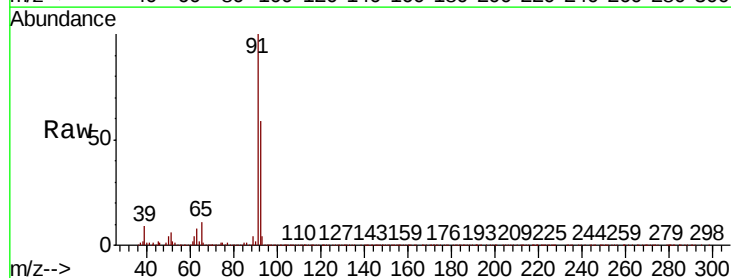
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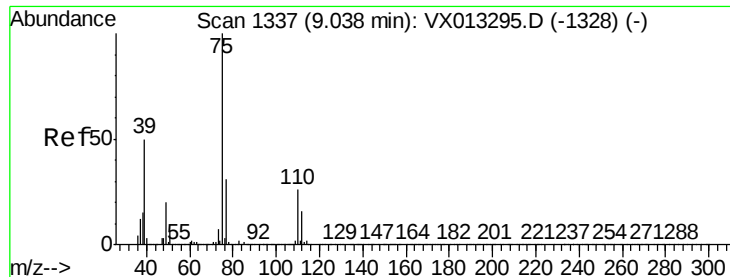
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#52
Toluene
Concen: 50.151 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion: 92 Resp: 844708
Ion Ratio Lower Upper
92 100
91 169.9 138.0 207.0





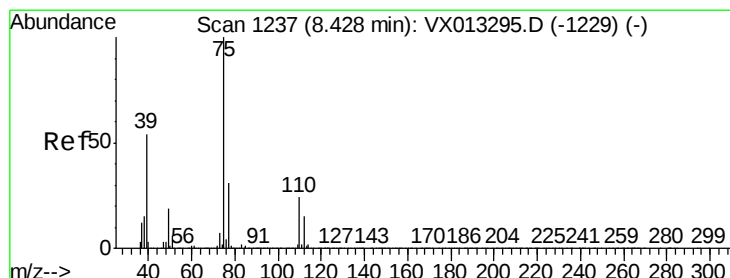
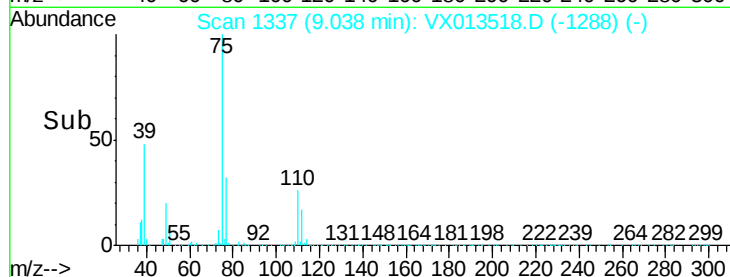
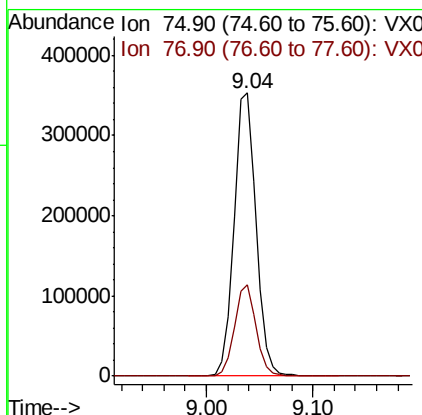
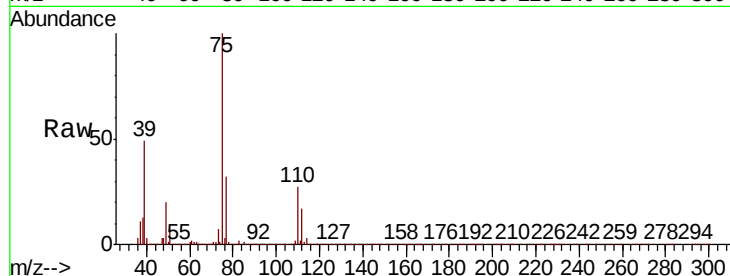
#53
t-1,3-Dichloropropene
Concen: 52.607 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.0	37.4

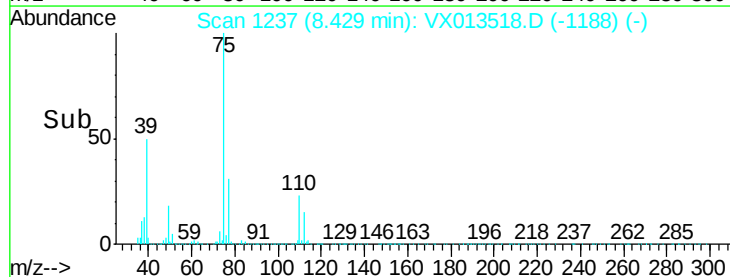
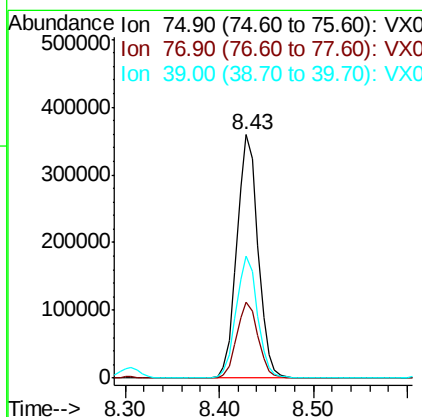
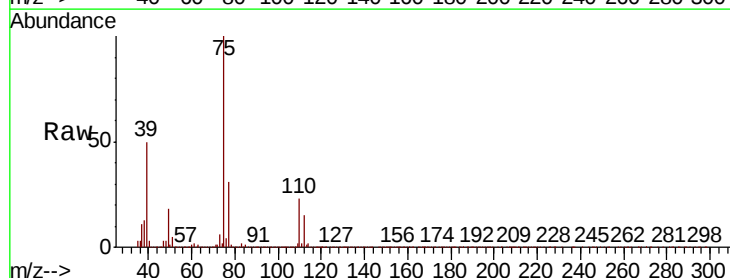
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#54
cis-1,3-Dichloropropene
Concen: 51.587 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.7	37.1
39	50.0	43.0	64.6





#55

1,1,2-Trichloroethane

Concen: 50.881 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

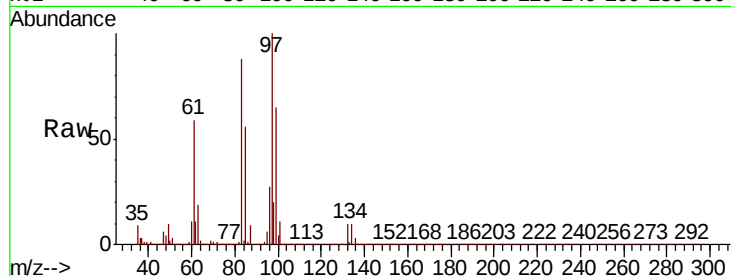
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	355216
Ion Ratio	Lower	Upper	
97	100		
83	87.4	68.6	103.0
85	55.6	43.1	64.7
99	65.1	49.4	74.0

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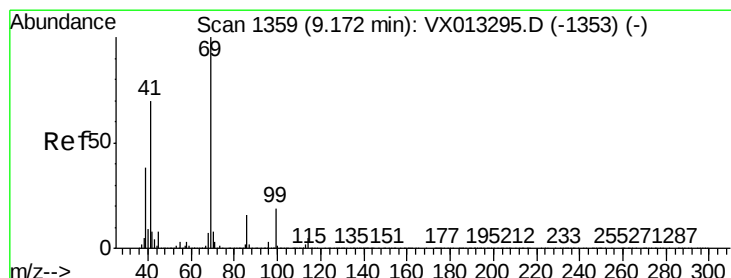
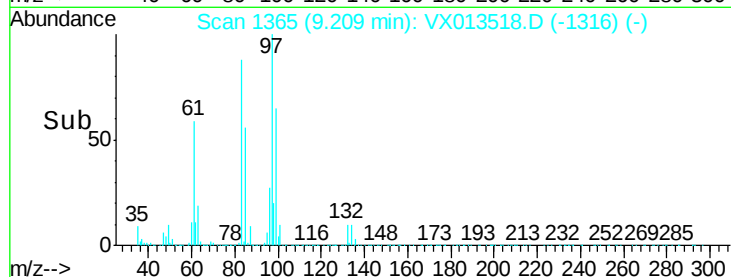
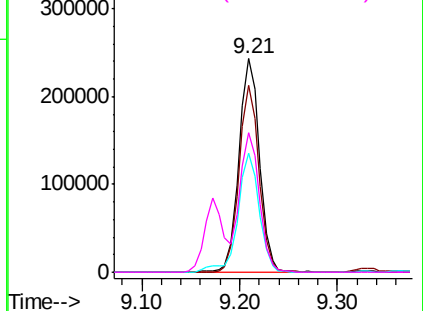


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 49.218 ug/l

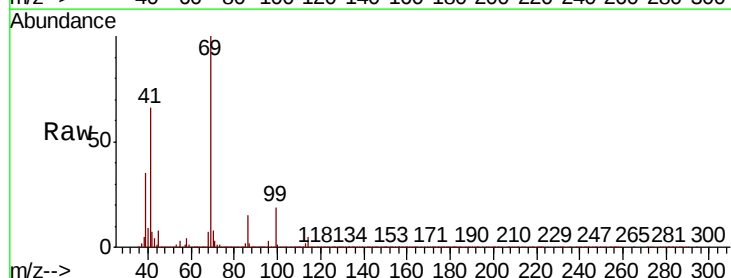
RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

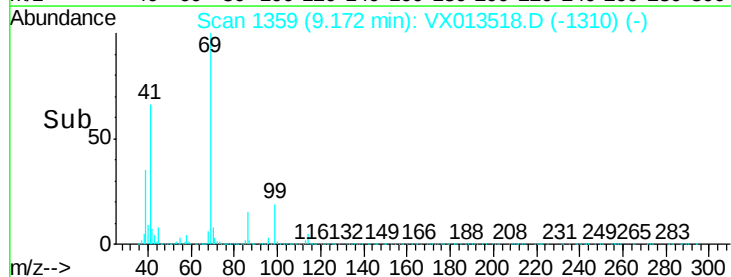
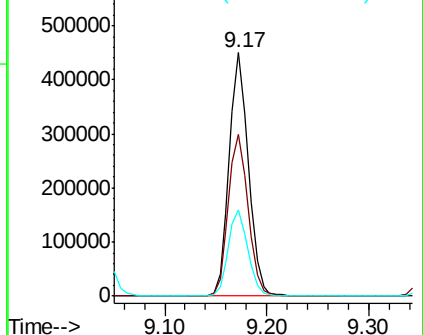
Tgt Ion:	69	Resp:	586307
Ion Ratio	Lower	Upper	
69	100		
41	68.4	56.2	84.2
39	36.2	31.1	46.7

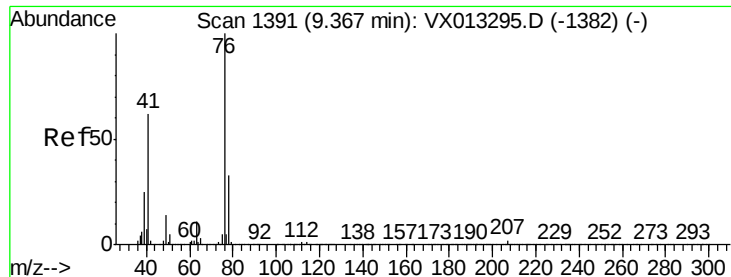


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.621 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 599906

Ion Ratio Lower Upper

76 100

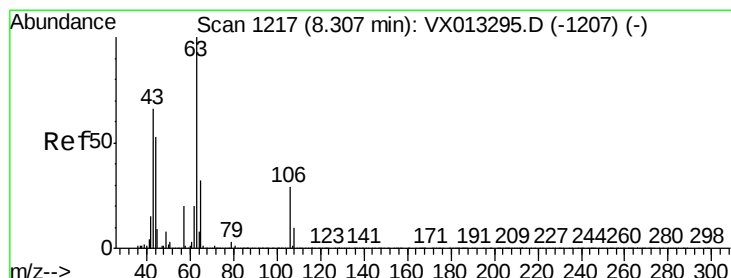
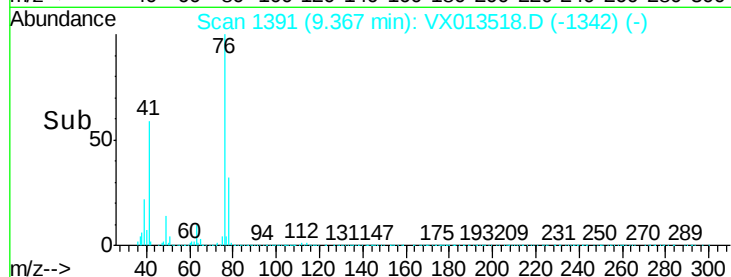
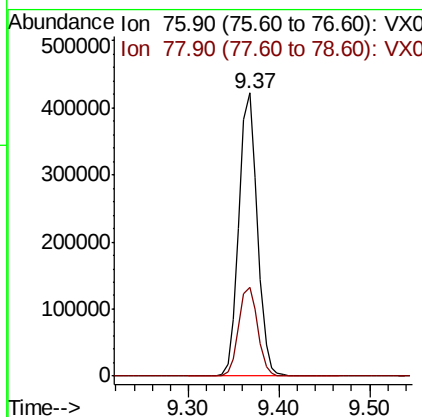
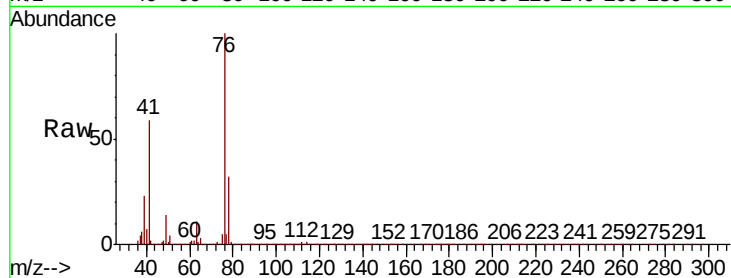
78 32.5 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 248.135 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013518.D

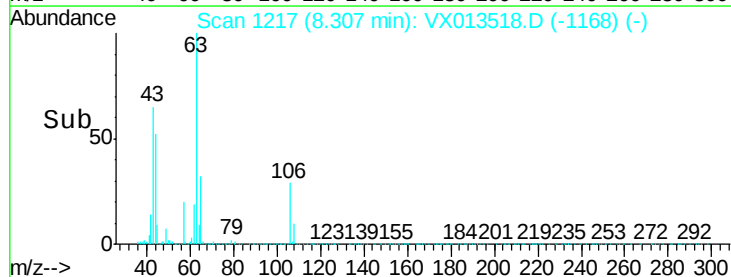
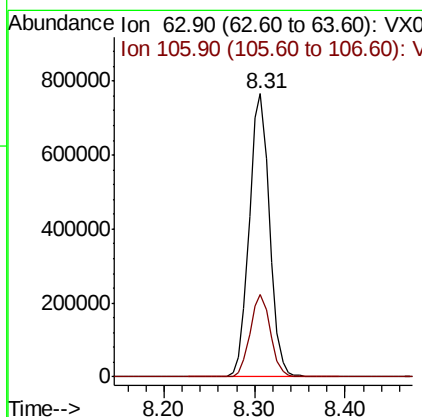
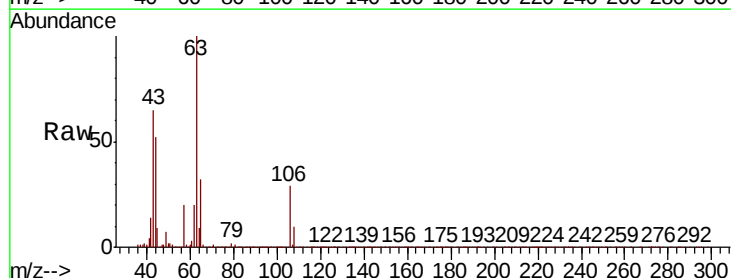
Acq: 21 Nov 2019 21:03

Tgt Ion: 63 Resp: 1184467

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2





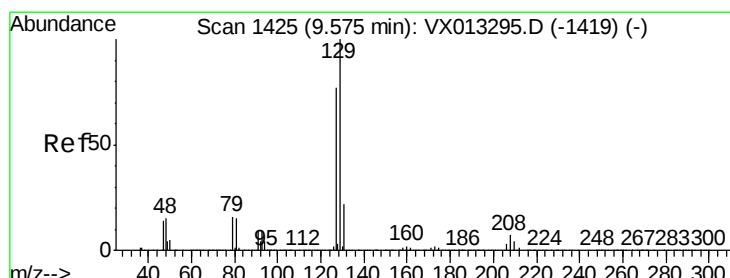
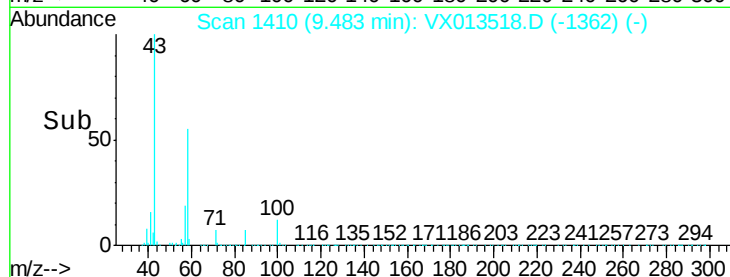
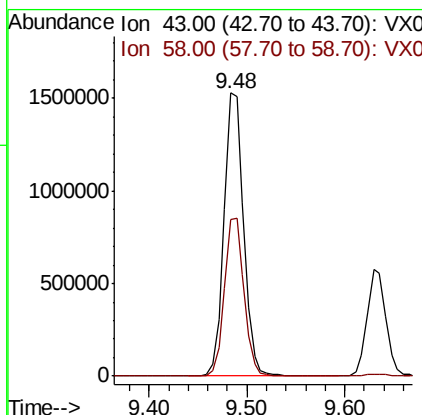
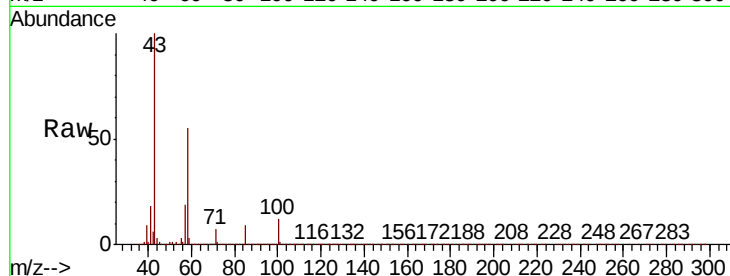
#59
2-Hexanone
Concen: 249.662 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2124852
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8

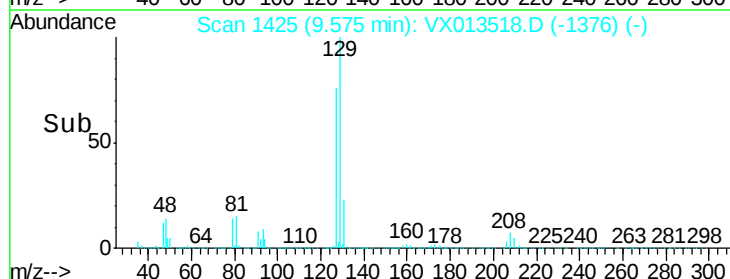
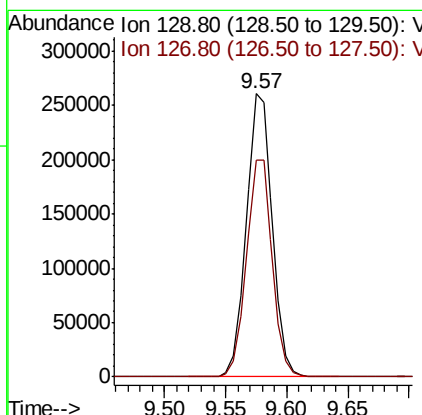
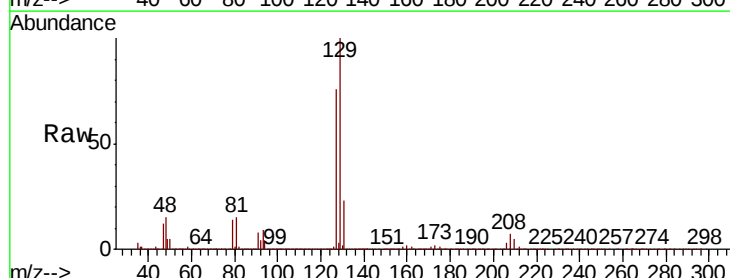
Manual Integrations
APPROVED

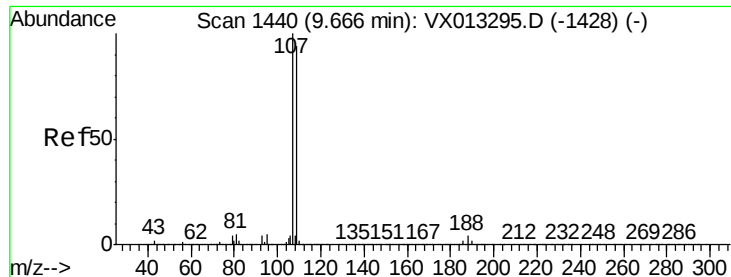
MMDadoda
11/22/2019 8:44:09 AM



#60
Dibromochloromethane
Concen: 53.587 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion: 129 Resp: 382606
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





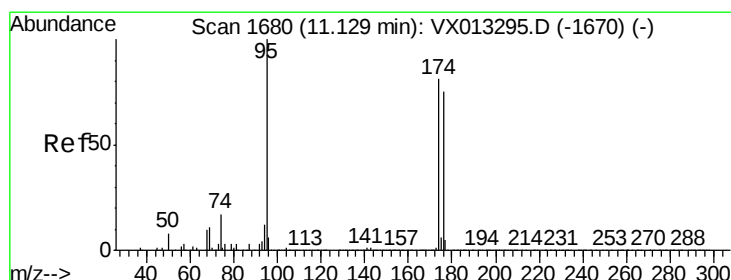
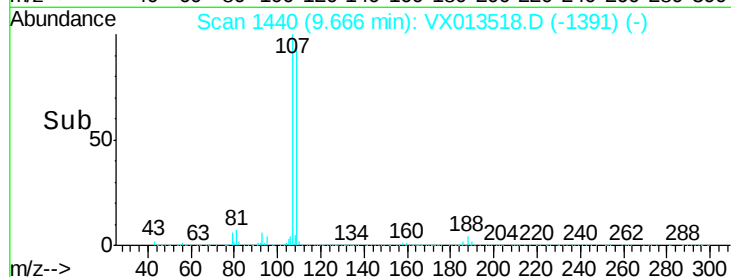
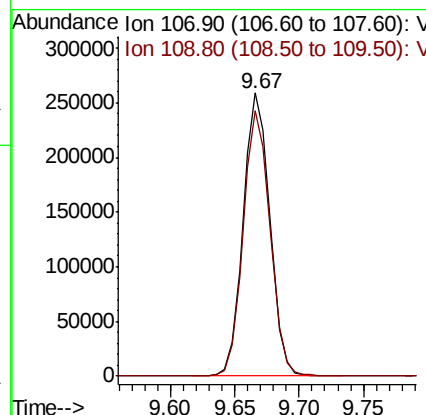
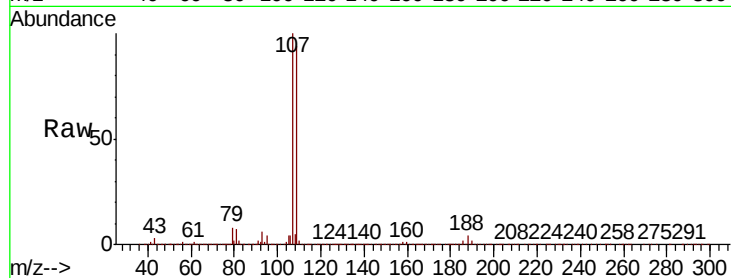
#61
 1,2-Dibromoethane
 Concen: 49.650 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013518.D
 Acq: 21 Nov 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.1	112.7

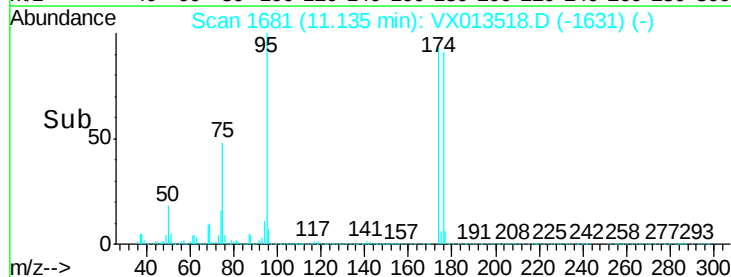
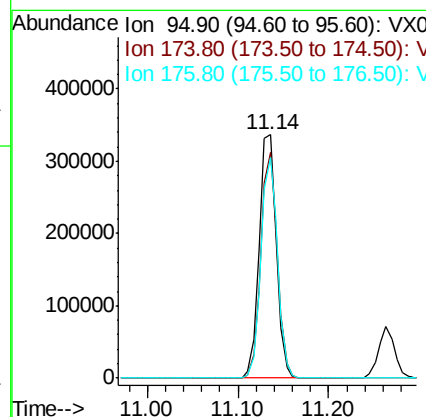
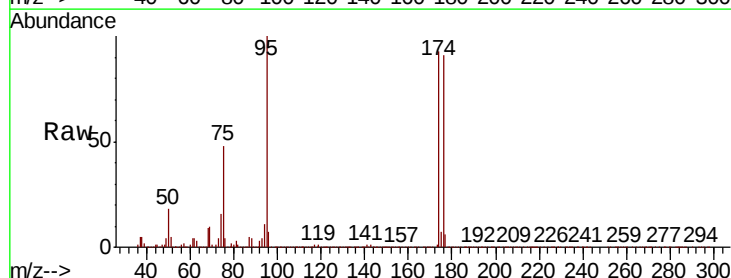
Manual Integrations
 APPROVED

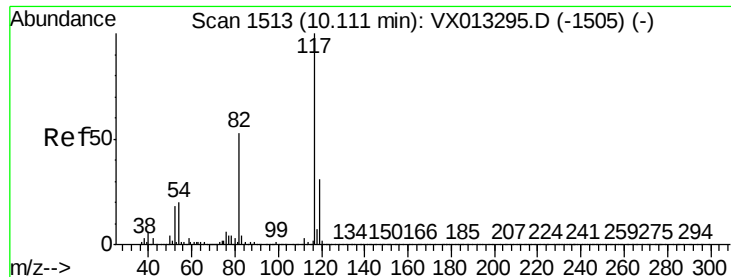
MMDadoda
 11/22/2019 8:44:09 AM



#62
 4-Bromofluorobenzene
 Concen: 50.690 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX013518.D
 Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	179.8
176	87.8	0.0	173.0





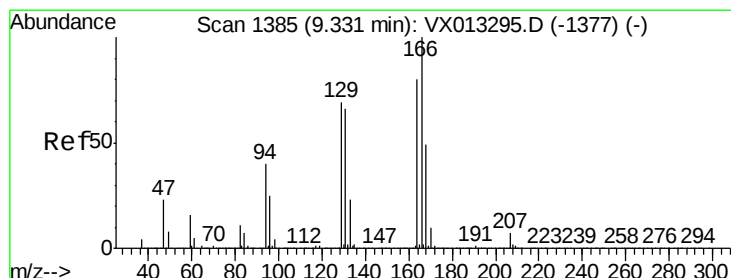
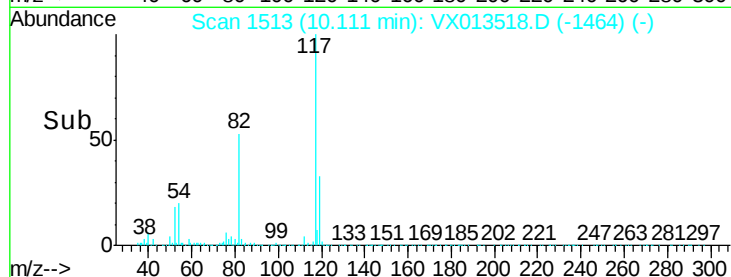
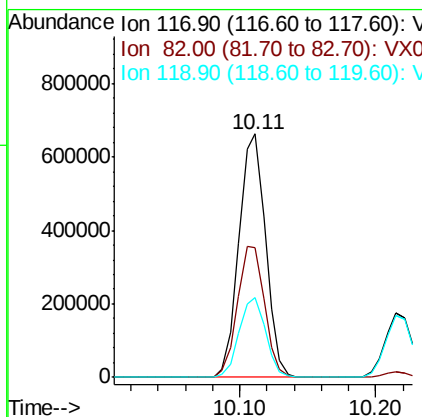
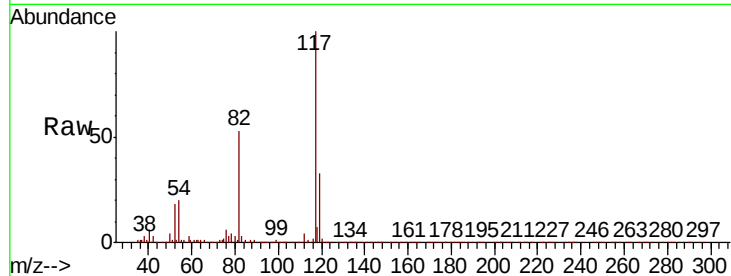
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	908610		
82	53.3	42.6	64.0	
119	32.5	24.8	37.2	

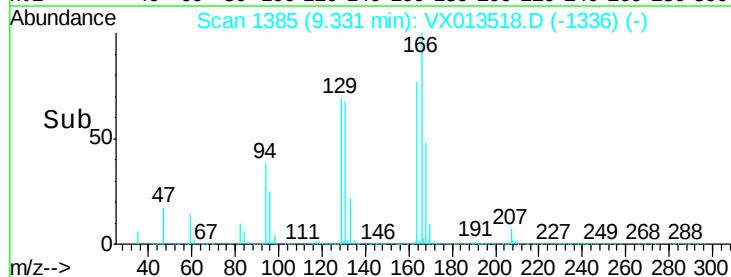
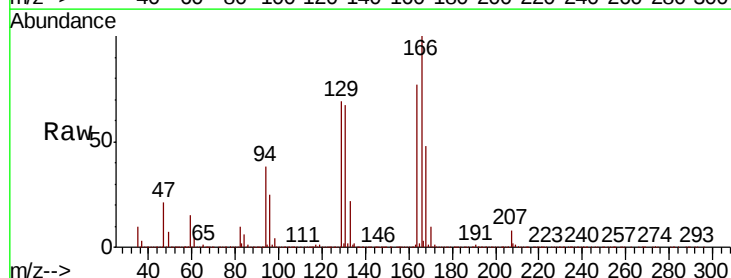
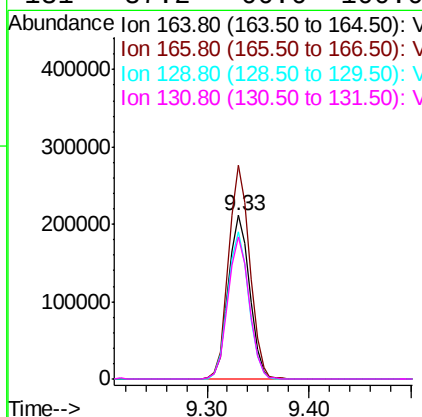
Manual Integrations
APPROVED

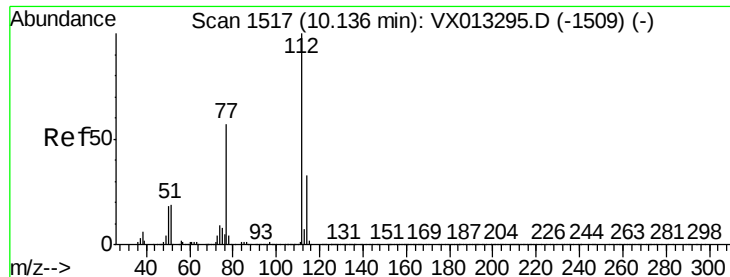
MMDadoda
11/22/2019 8:44:09 AM



#64
Tetrachloroethene
Concen: 47.011 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	305784		
166	130.5	100.4	150.6	
129	89.6	69.4	104.2	
131	87.2	66.6	100.0	





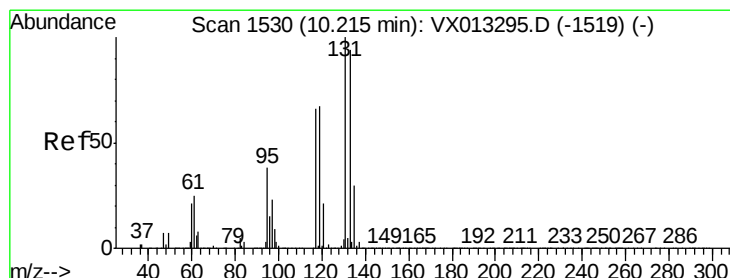
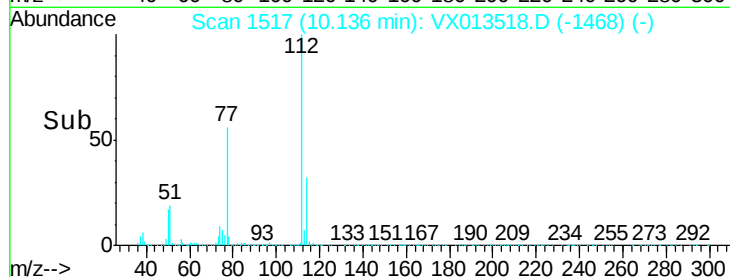
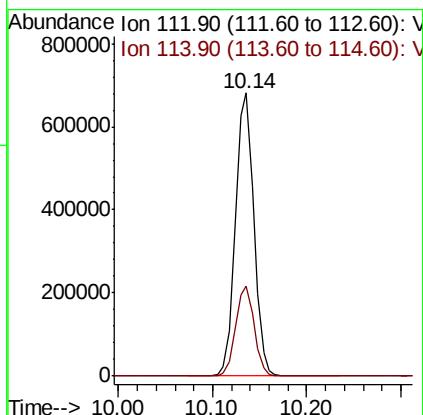
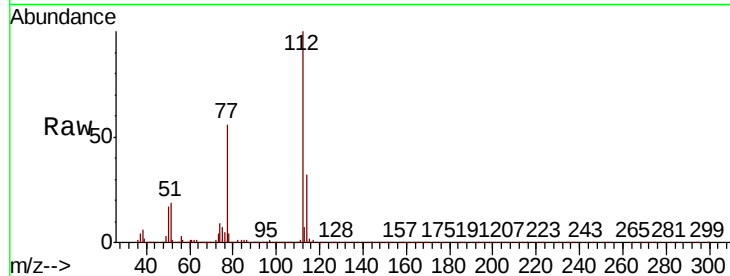
#65
Chlorobenzene
Concen: 50.012 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.4	39.6

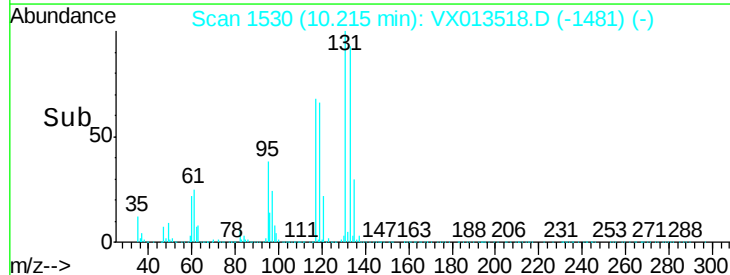
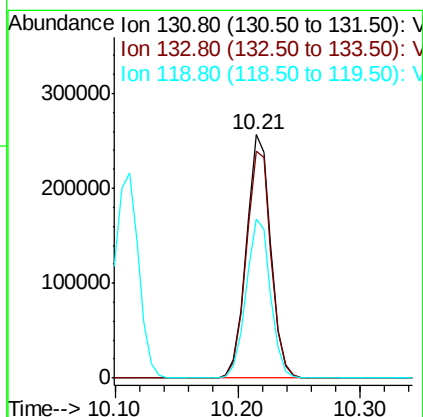
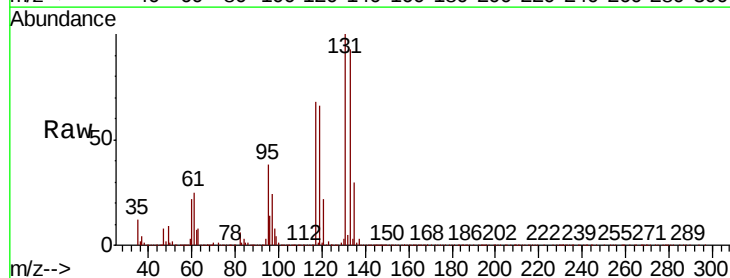
Manual Integrations
APPROVED

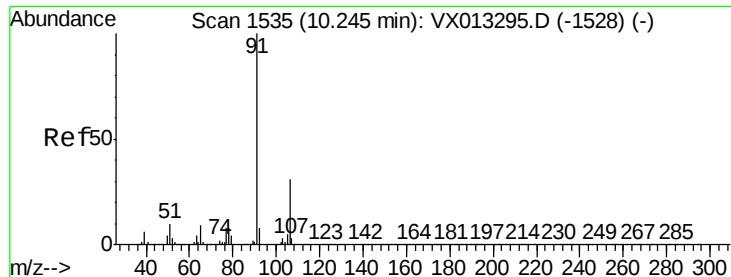
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.467 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	48.0	144.0
119	65.4	33.0	99.0





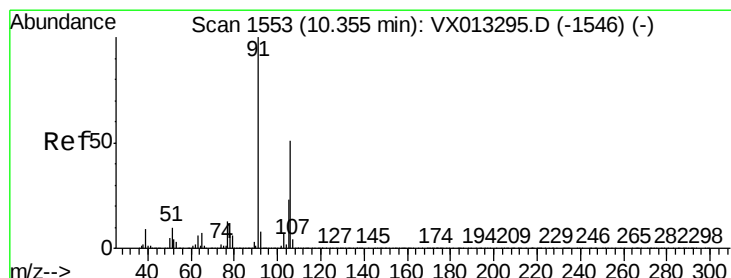
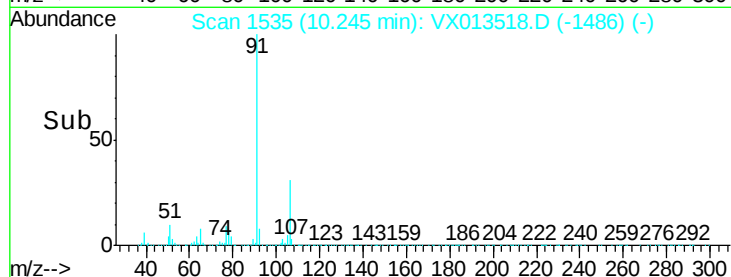
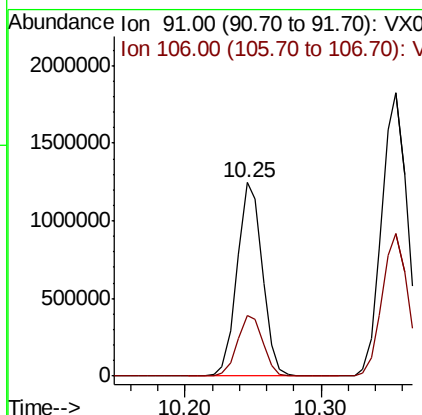
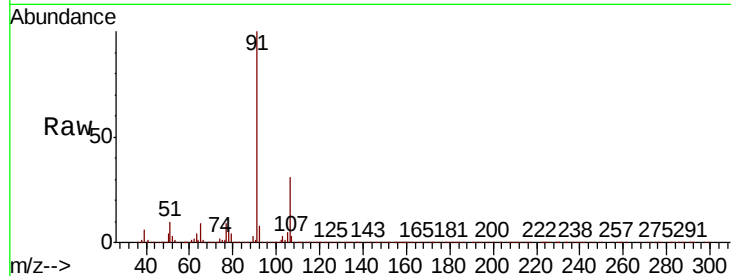
#67
Ethyl Benzene
Concen: 50.575 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1605678
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8

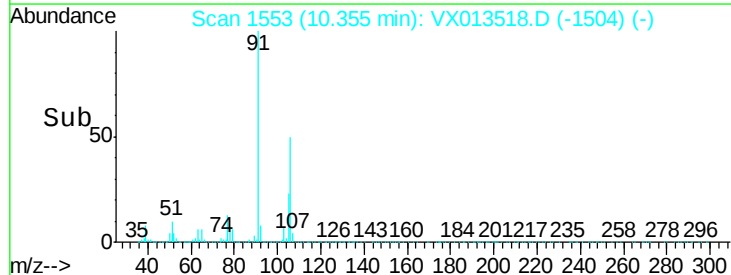
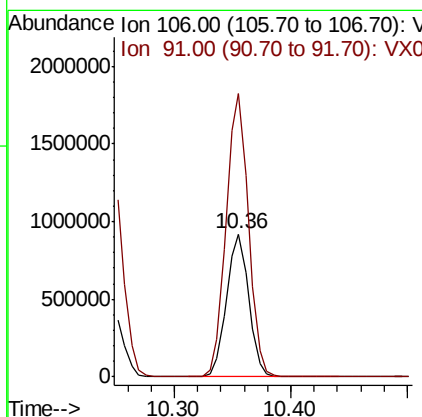
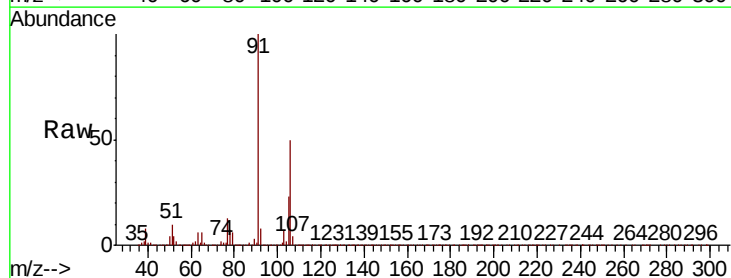
Manual Integrations
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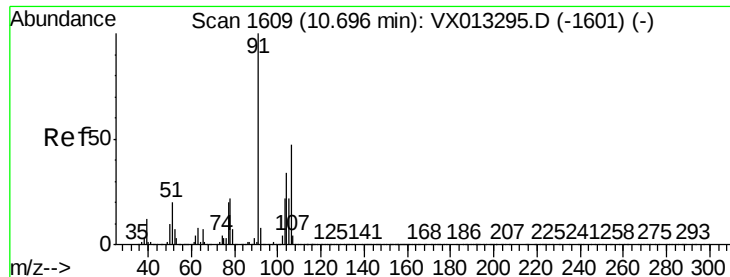
MMDadoda
11/22/2019 8:44:09 AM



#68
m/p-Xylenes
Concen: 101.265 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion: 106 Resp: 1215876
Ion Ratio Lower Upper
106 100
91 199.2 159.3 238.9





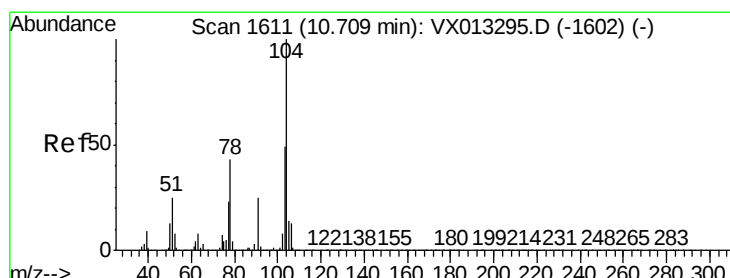
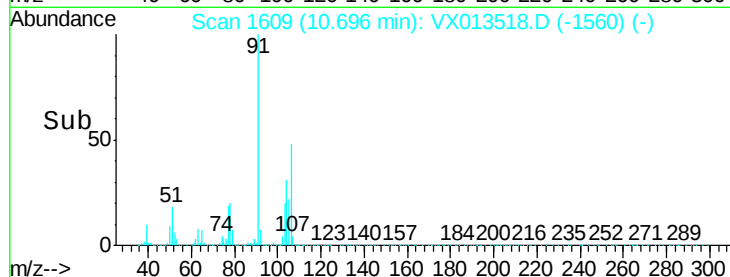
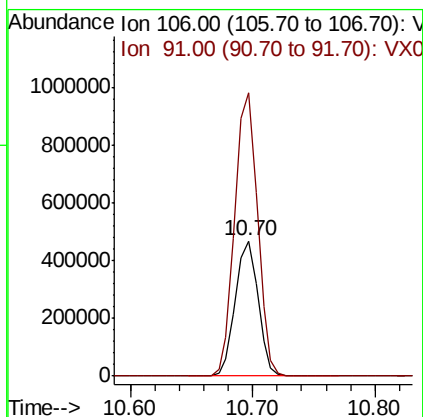
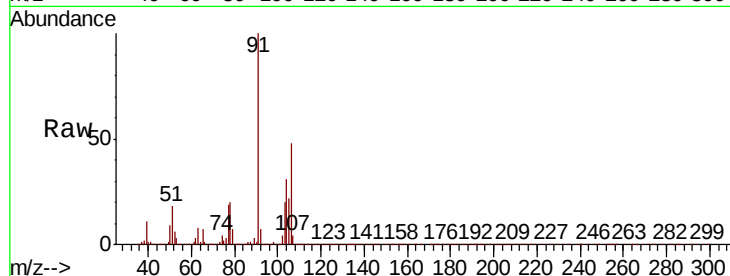
#69
o-Xylene
Concen: 51.147 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.3	105.7	317.0

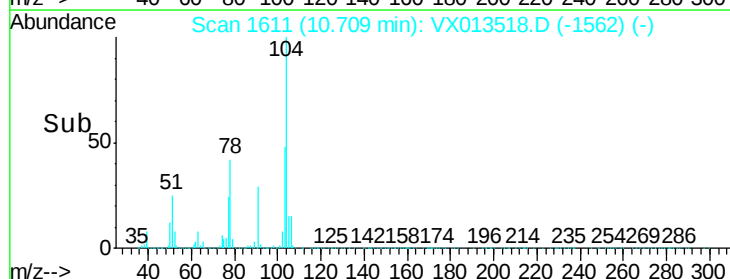
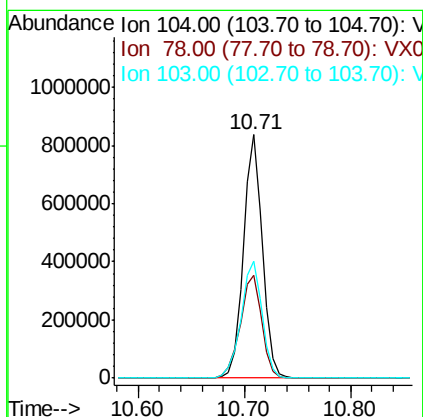
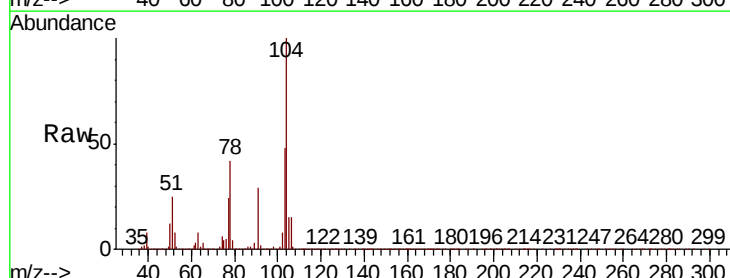
Manual Integrations
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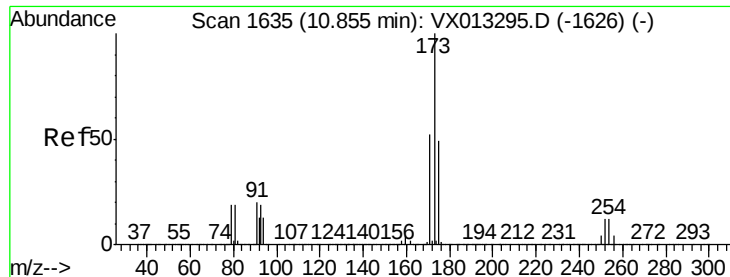
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#70
Styrene
Concen: 52.929 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	40.0	60.0
103	53.6	44.1	66.1





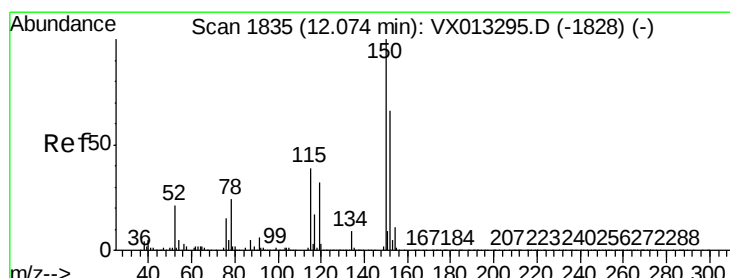
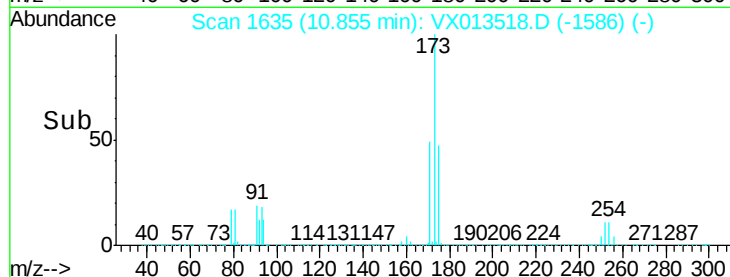
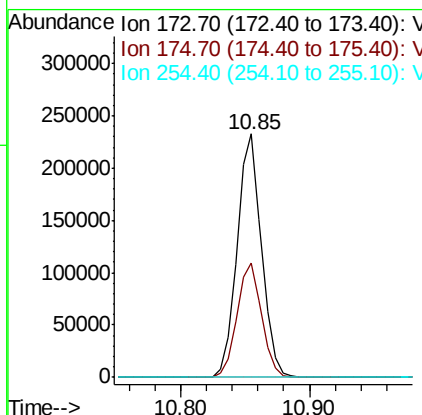
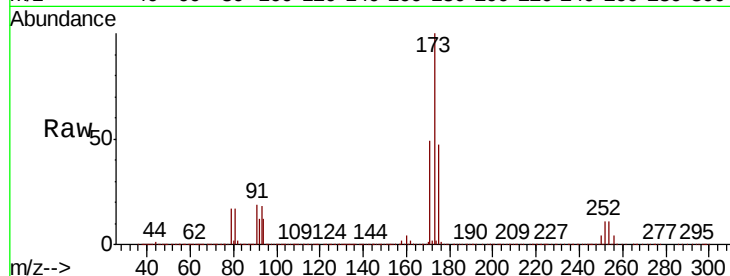
#71
Bromoform
Concen: 48.743 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.8	74.4
254	0.2	0.2	0.2

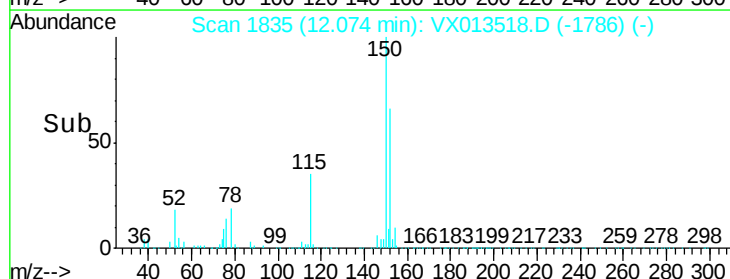
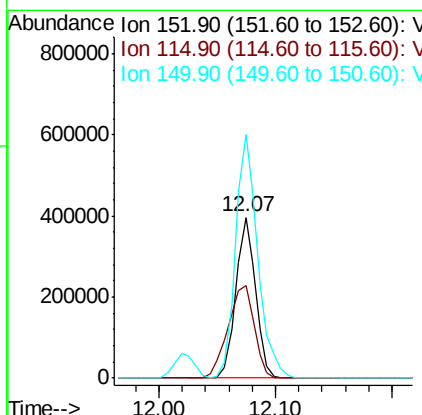
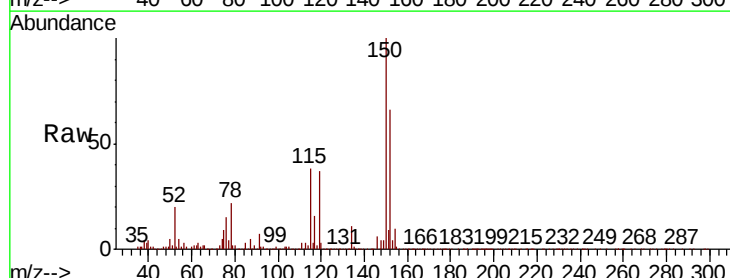
Manual Integrations
APPROVED

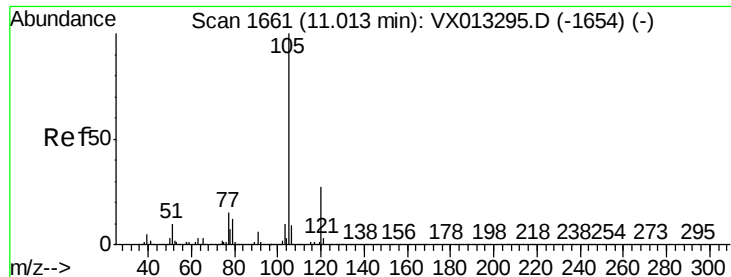
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.5	39.5	118.3
150	170.0	0.0	344.4





#73

Isopropylbenzene

Concen: 51.368 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1591832

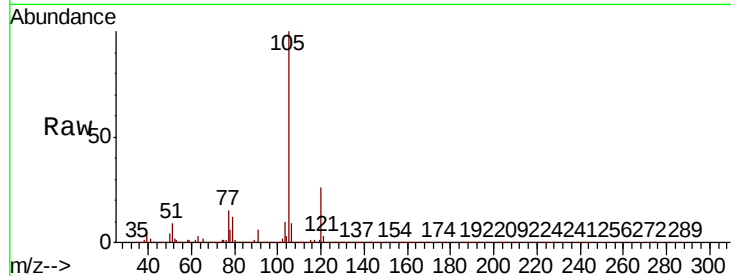
Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 120.00 (119.70 to 120.70): V

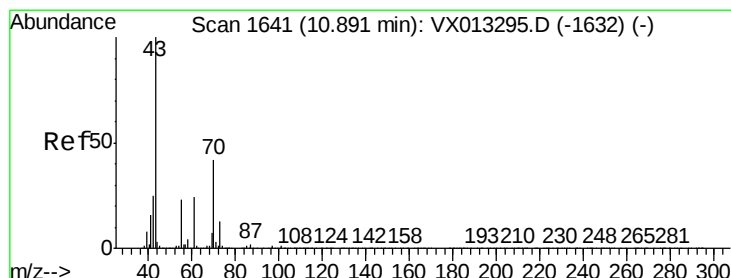
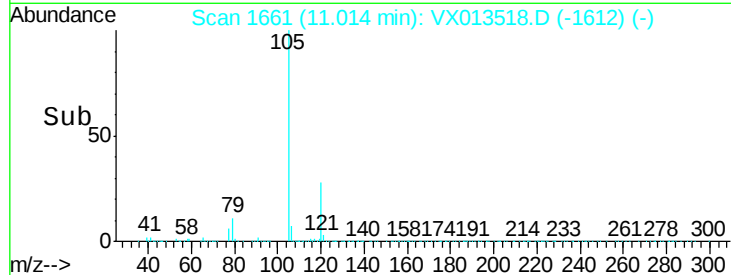
11.01

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 54.113 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Tgt Ion: 43 Resp: 777620

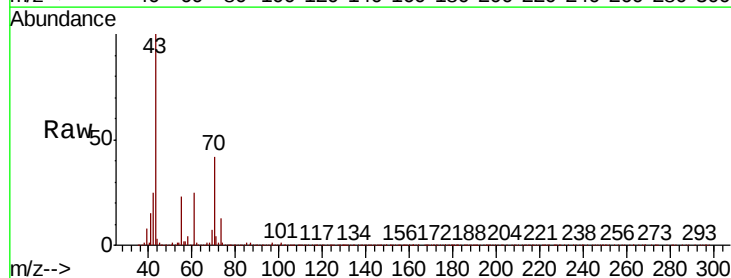
Ion Ratio Lower Upper

43 100

70 43.0 34.1 51.1

55 23.5 18.9 28.3

61 25.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

800000

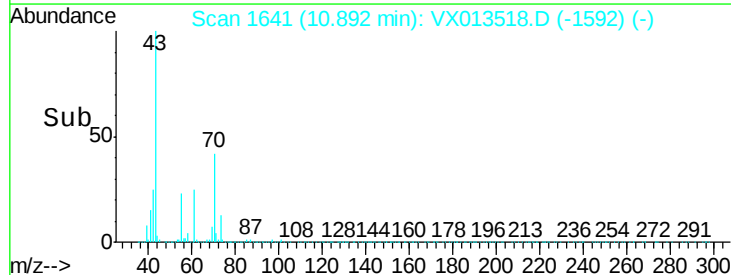
600000

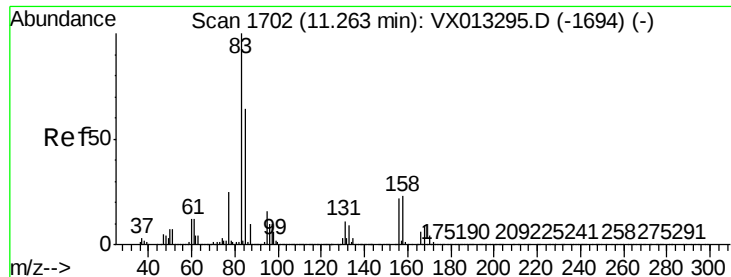
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.240 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 579286

Ion Ratio Lower Upper

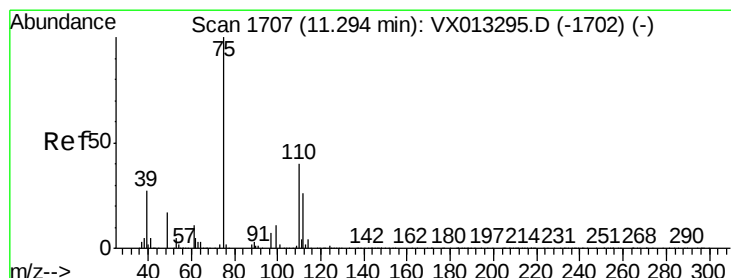
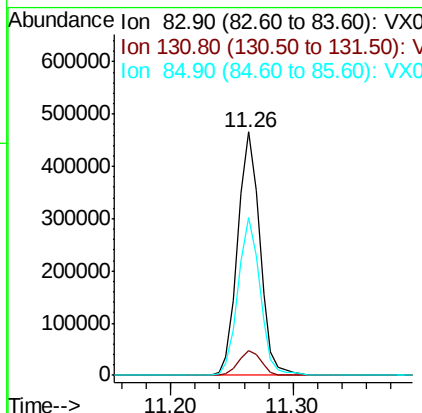
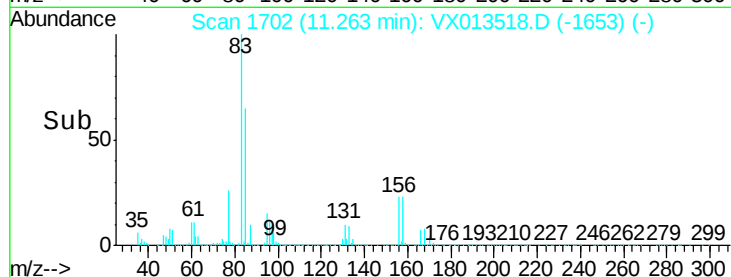
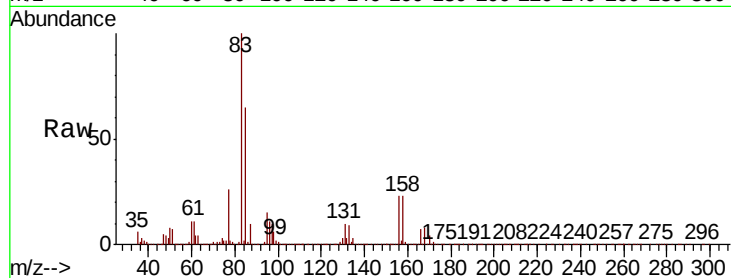
83 100

131 10.5 5.1 15.3

85 64.6 32.3 96.8

Manual Integrations
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11/22/2019 8:44:09 AM



#76

1,2,3-Trichloropropane

Concen: 47.864 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013518.D

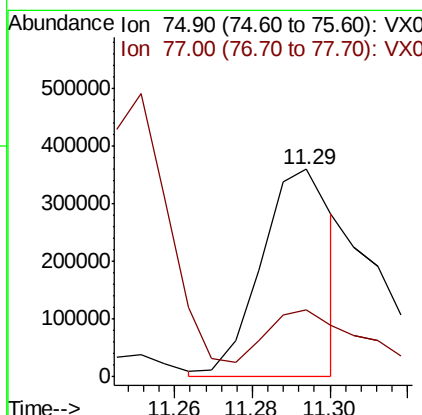
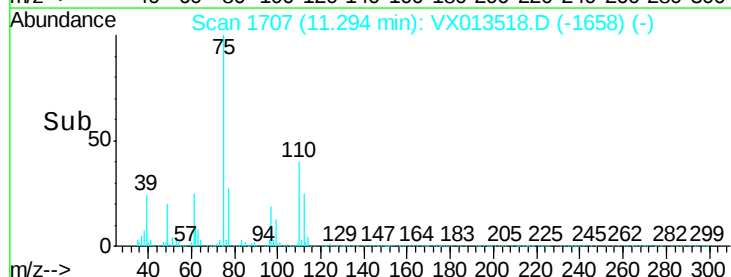
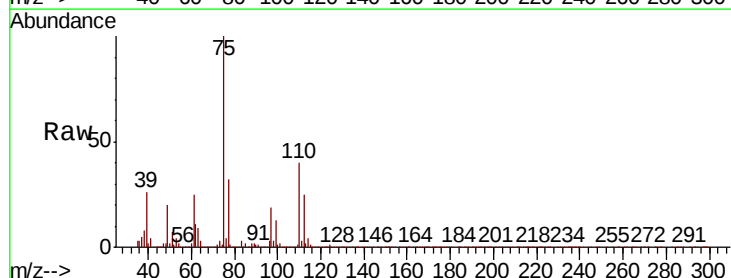
Acq: 21 Nov 2019 21:03

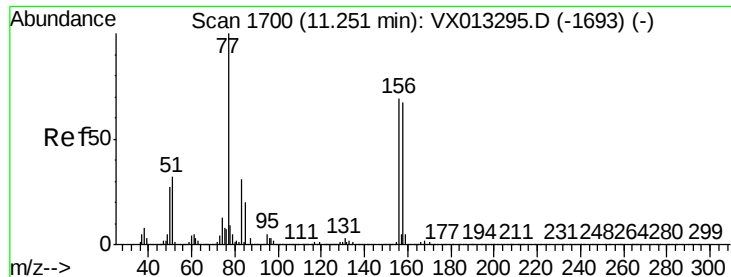
Tgt Ion: 75 Resp: 454390

Ion Ratio Lower Upper

75 100

77 45.5 22.3 66.8





#77

Bromobenzene

Concen: 51.015 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

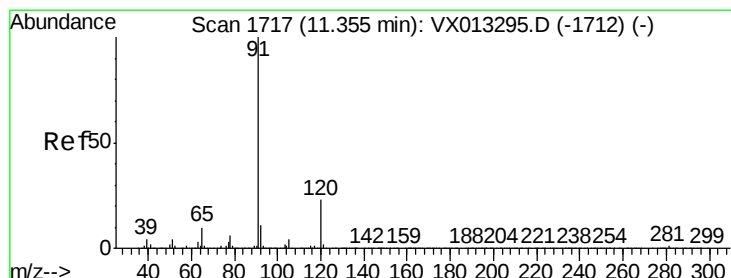
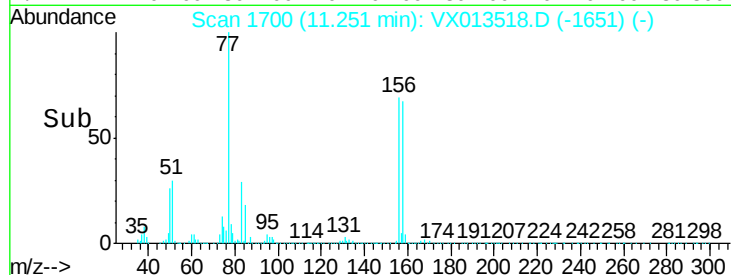
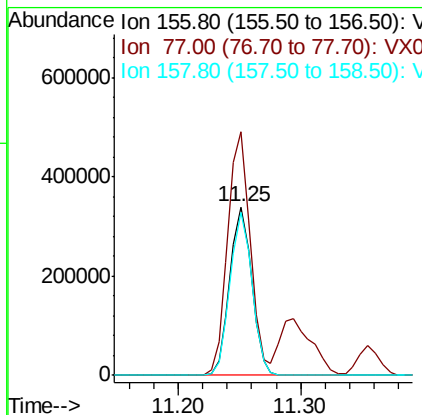
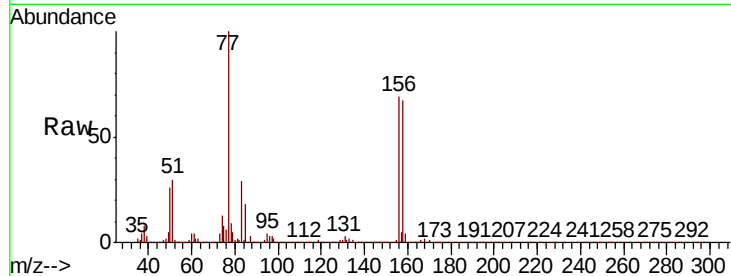
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	421447
Ion Ratio	Lower	Upper	
156	100		
77	149.0	75.8	227.4
158	96.4	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 51.488 ug/l

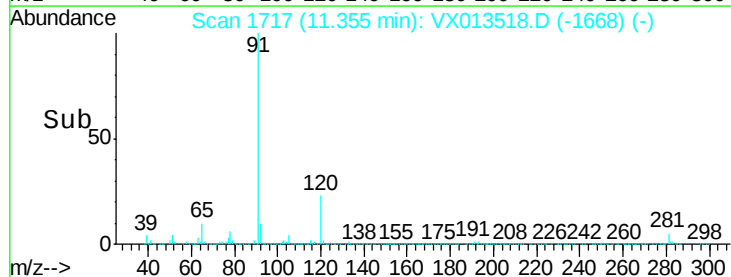
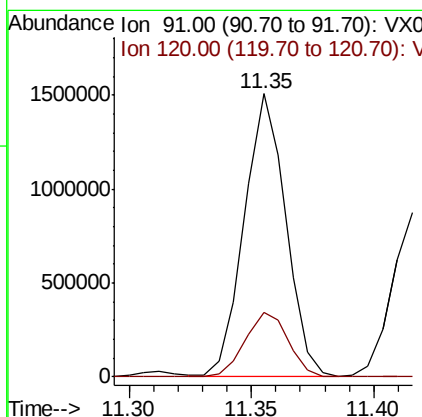
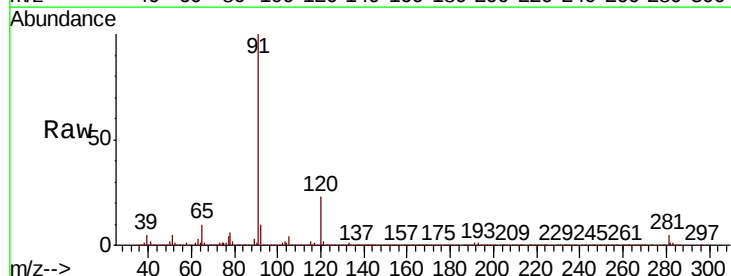
RT: 11.35 min Scan# 1717

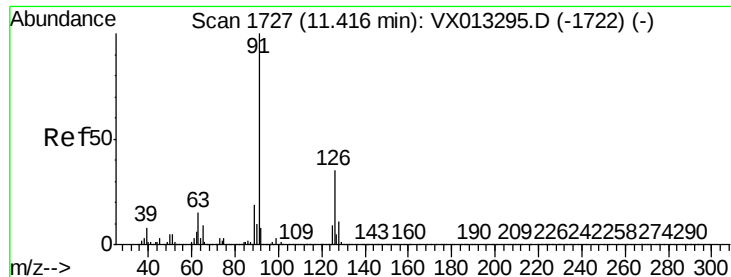
Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Tgt Ion:	91	Resp:	1777368
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.6	34.8





#79

2-Chlorotoluene

Concen: 51.085 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1062486

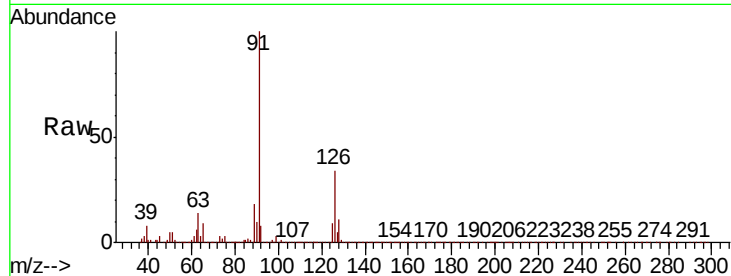
Ion Ratio Lower Upper

91 100

126 35.0 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

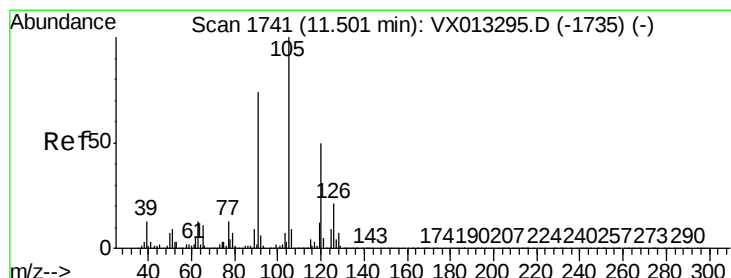
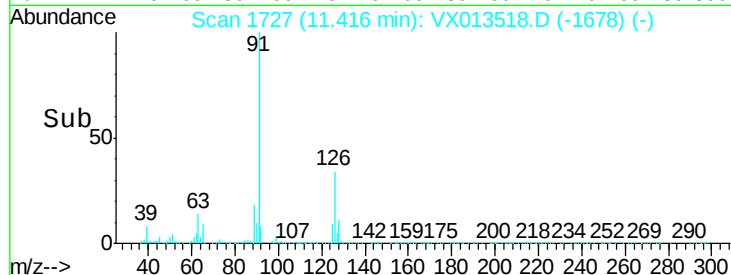
500000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.602 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013518.D

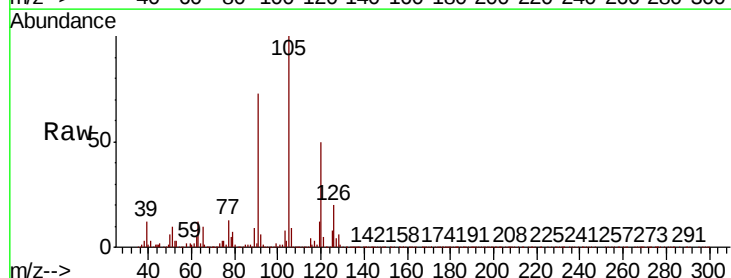
Acq: 21 Nov 2019 21:03

Tgt Ion: 105 Resp: 1331976

Ion Ratio Lower Upper

105 100

120 50.2 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

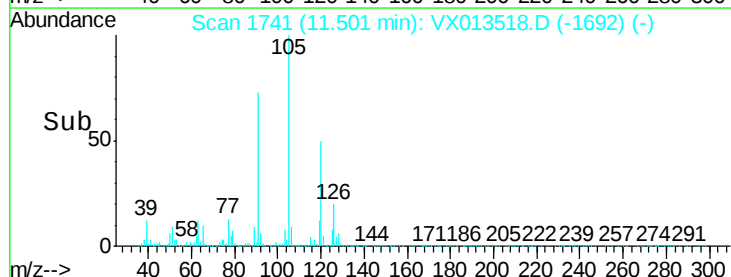
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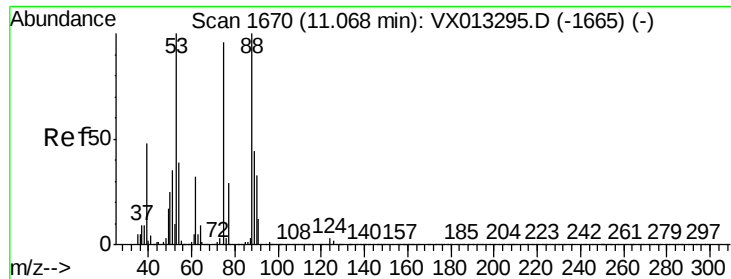
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11.50

11.60

Time-->





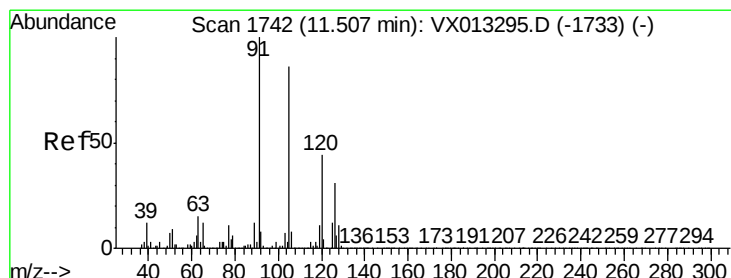
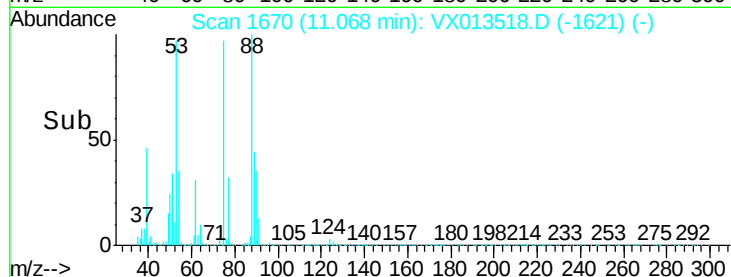
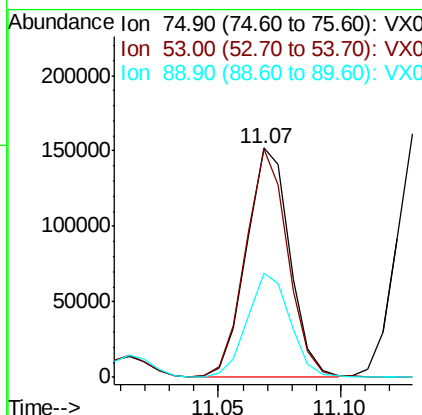
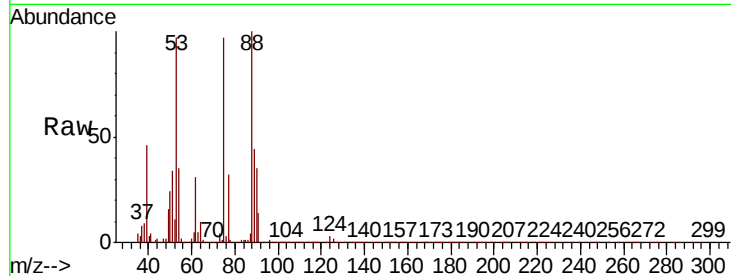
#81
trans-1,4-Dichloro-2-butene
Concen: 51.000 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.4	81.0	121.6
89	45.0	36.0	54.0

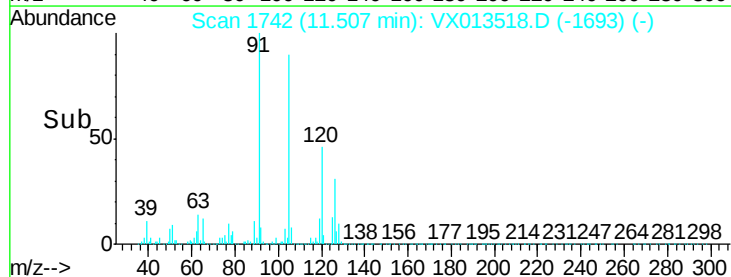
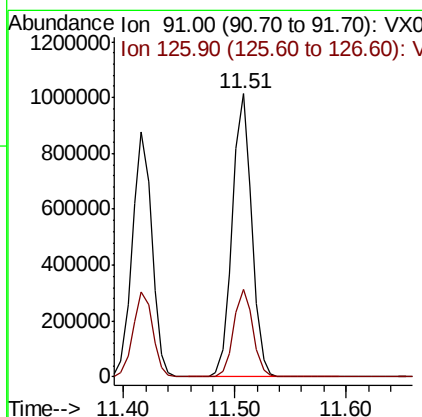
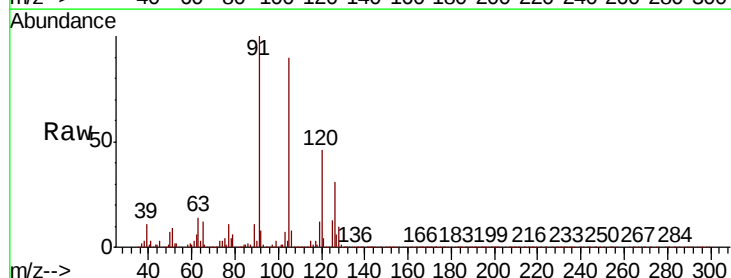
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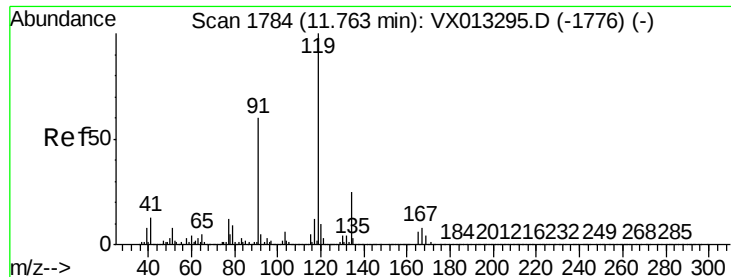
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11/22/2019 8:44:09 AM



#82
4-Chlorotoluene
Concen: 50.120 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.3	45.8





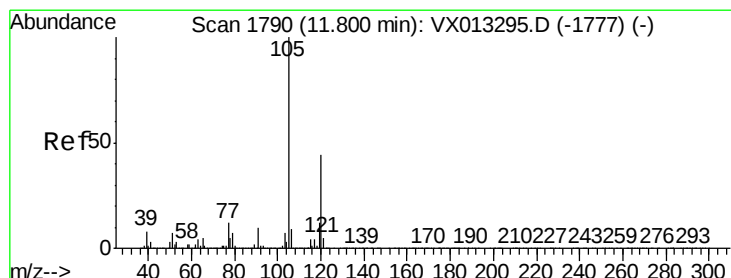
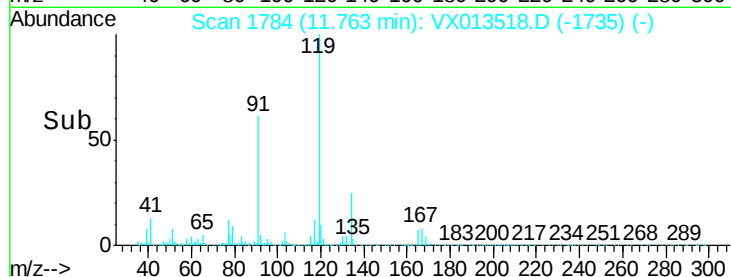
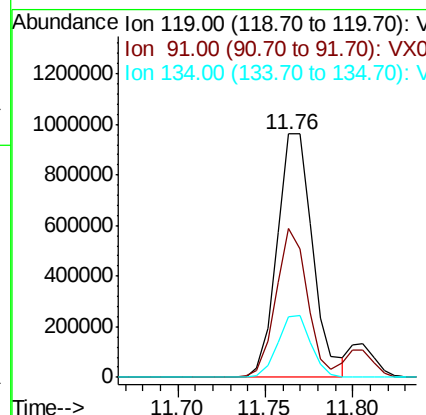
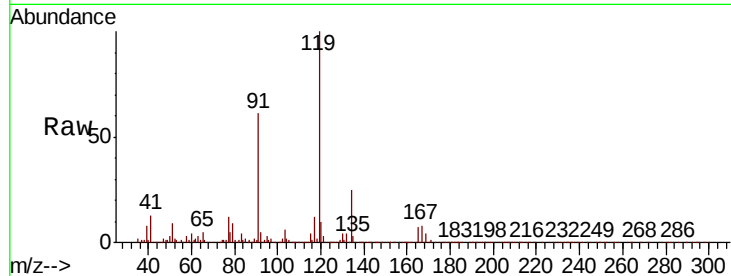
#83
tert-Butylbenzene
Concen: 52.488 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 1363822
Ion Ratio Lower Upper
119 100
91 53.7 26.9 80.7
134 23.6 11.7 35.1

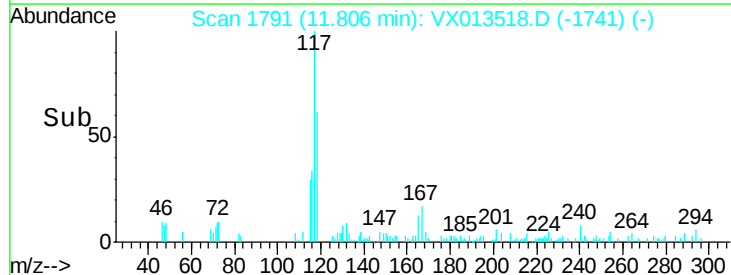
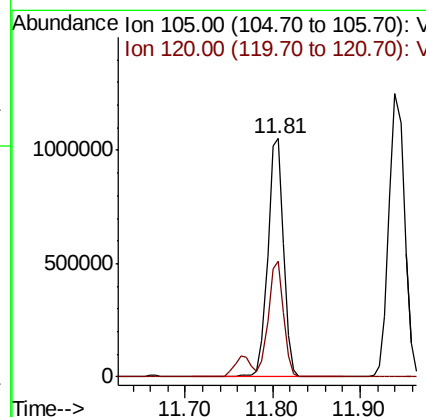
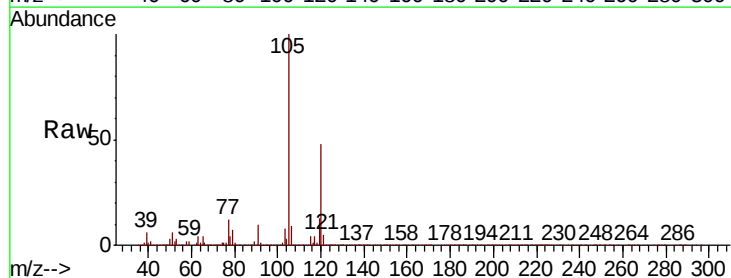
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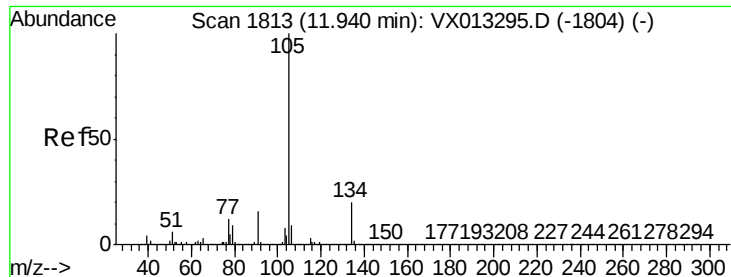
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#84
1,2,4-Trimethylbenzene
Concen: 51.248 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion:105 Resp: 1326991
Ion Ratio Lower Upper
105 100
120 46.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.654 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion:105 Resp: 1542546

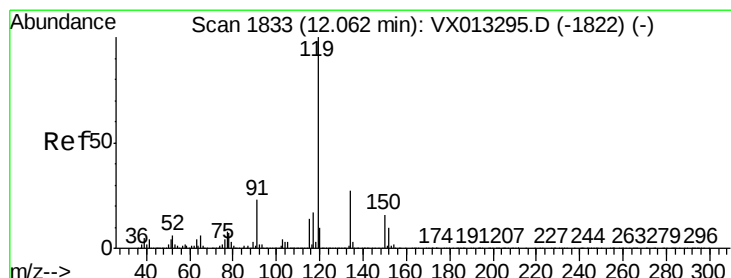
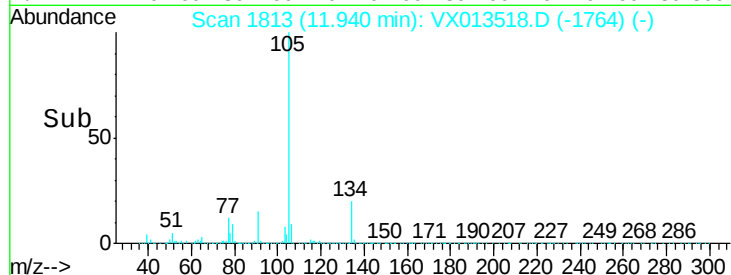
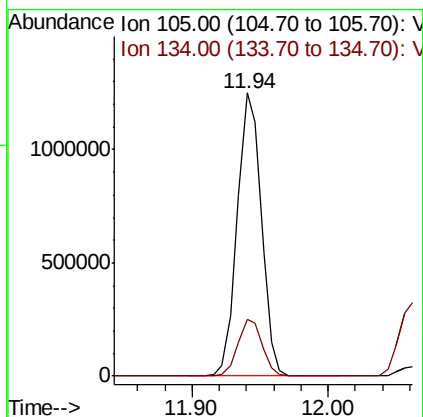
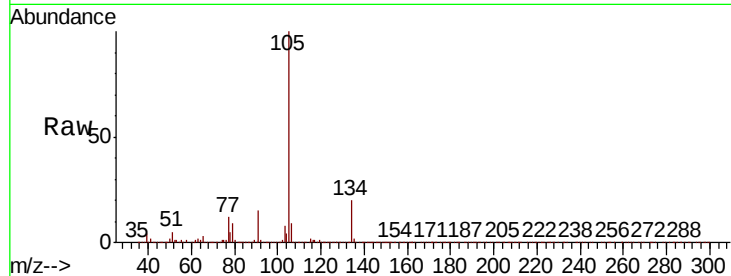
Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 51.608 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013518.D

Acq: 21 Nov 2019 21:03

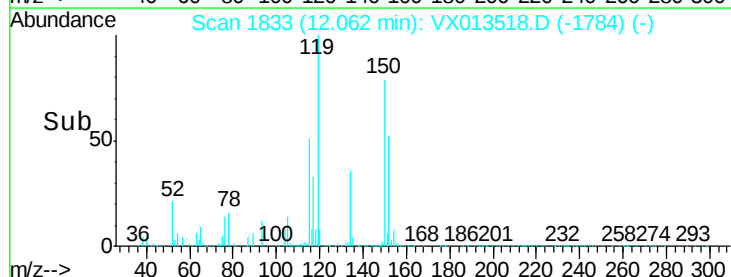
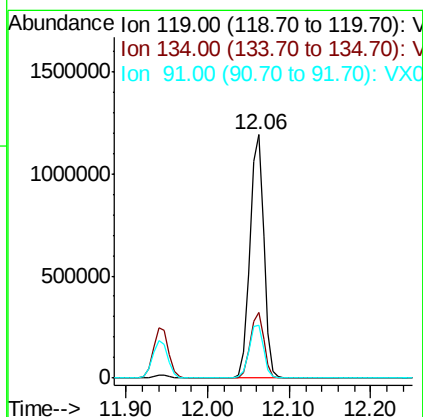
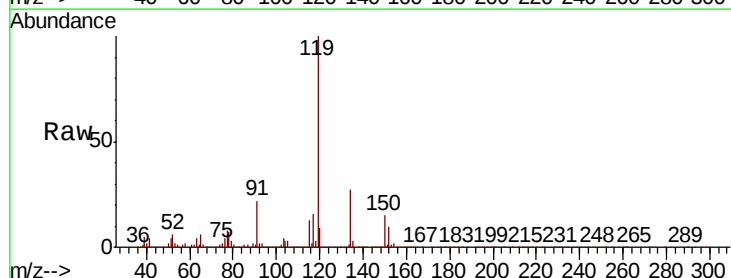
Tgt Ion:119 Resp: 1419134

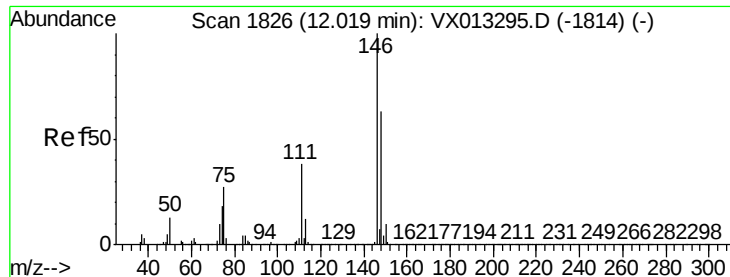
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.3 11.5 34.4





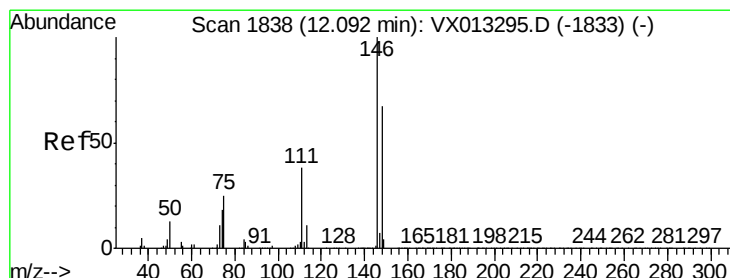
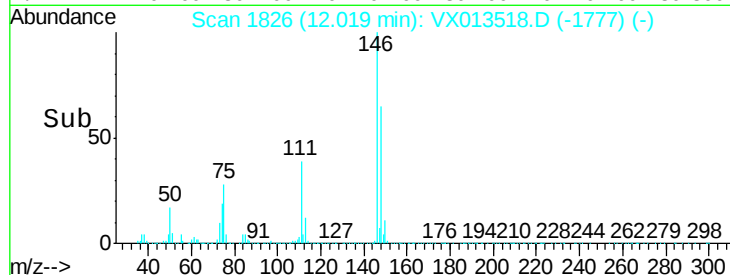
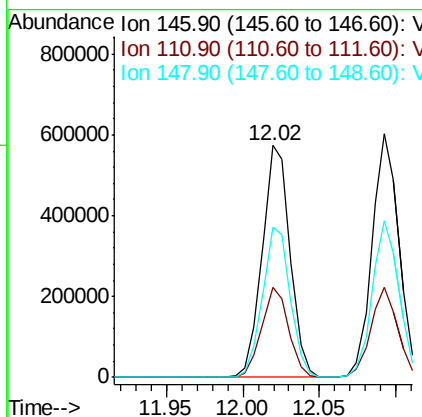
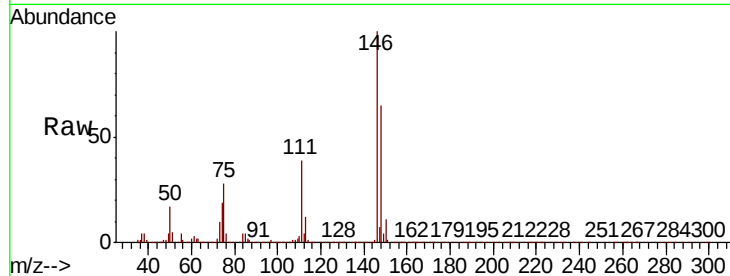
#87
 1,3-Dichlorobenzene
 Concen: 49.689 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013518.D
 Acq: 21 Nov 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.5
148	64.5	31.9	95.7

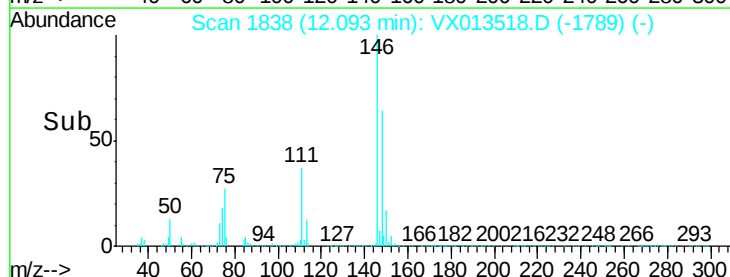
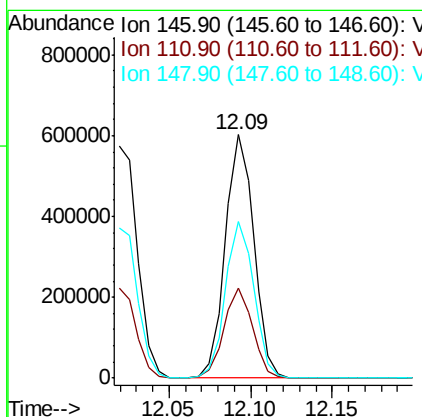
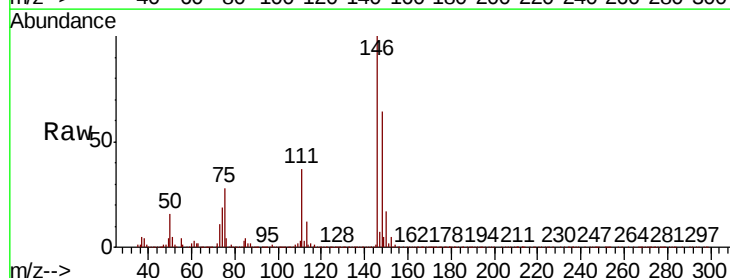
Manual Integrations
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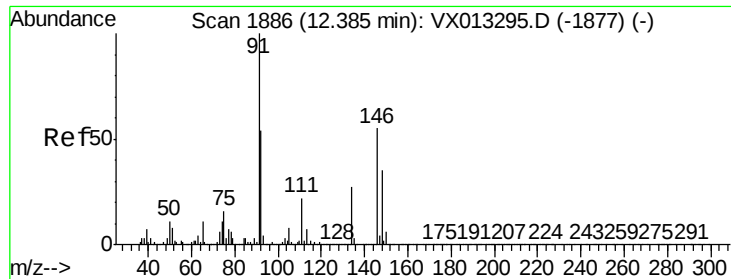
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#88
 1,4-Dichlorobenzene
 Concen: 48.857 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013518.D
 Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.4
148	64.3	32.4	97.0





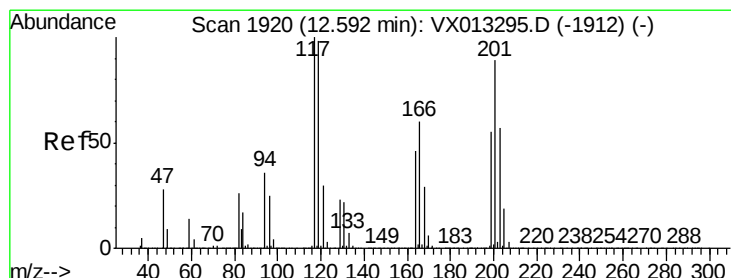
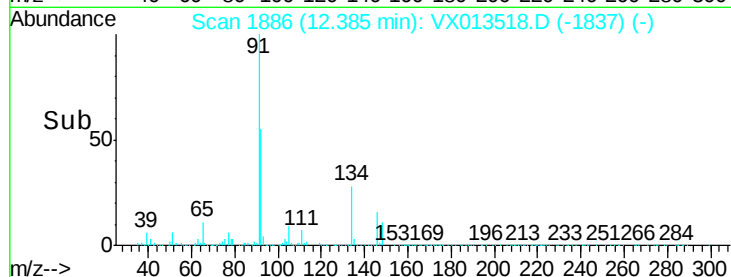
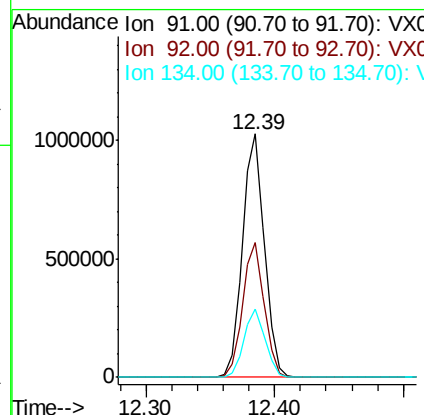
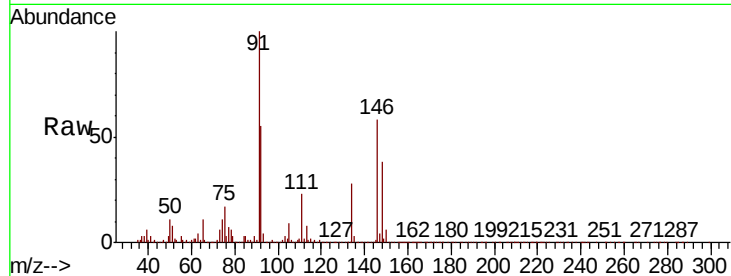
#89
n-Butylbenzene
Concen: 50.188 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.3	81.8
134	27.5	13.5	40.5

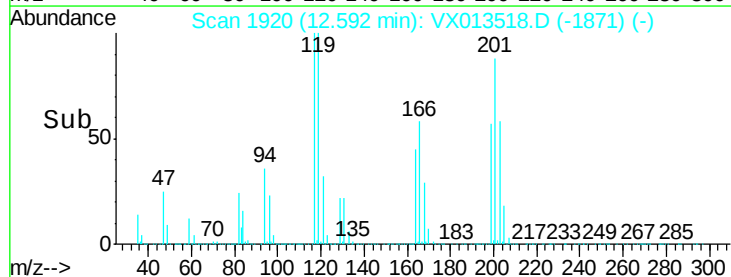
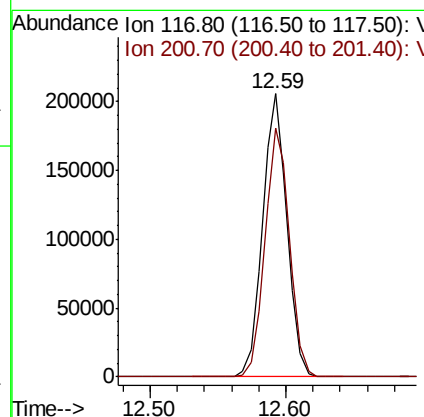
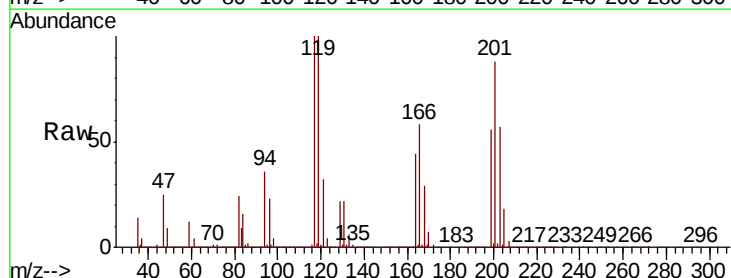
Manual Integrations
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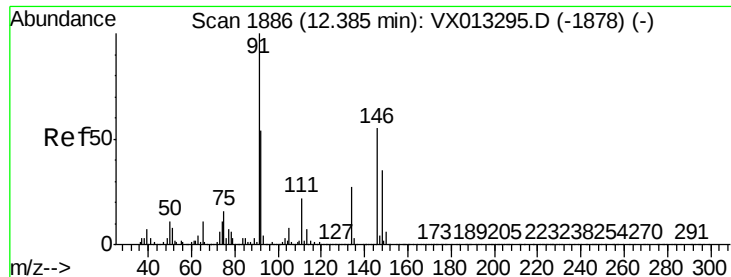
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#90
Hexachloroethane
Concen: 52.659 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	43.9	131.7





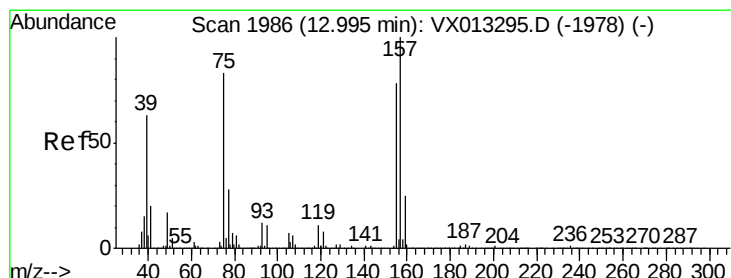
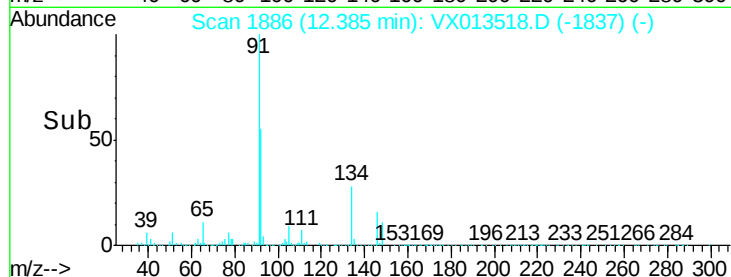
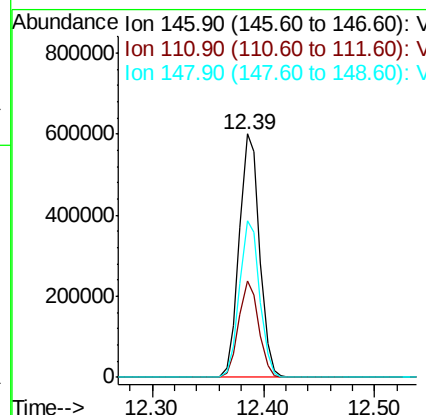
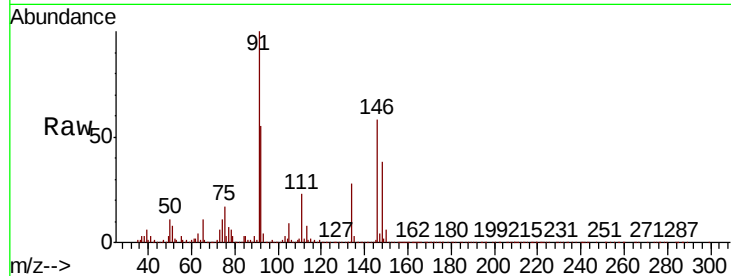
#91
 1,2-Dichlorobenzene
 Concen: 51.543 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013518.D
 Acq: 21 Nov 2019 21:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.1	60.2
148	64.1	32.0	96.0

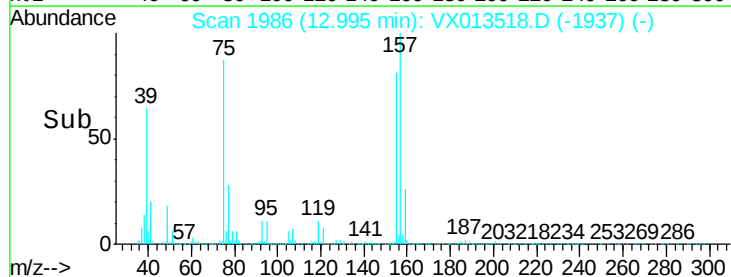
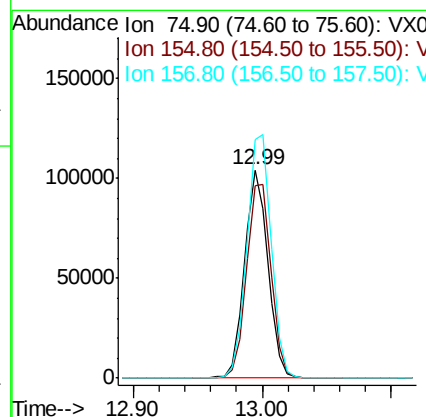
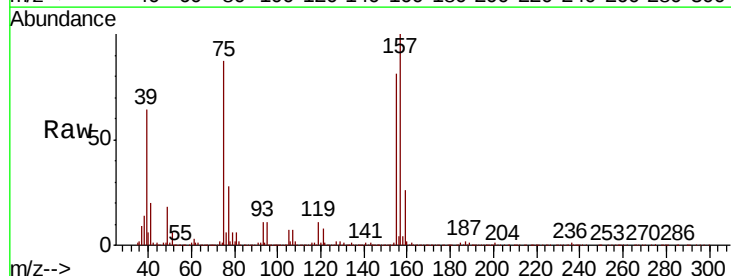
Manual Integrations
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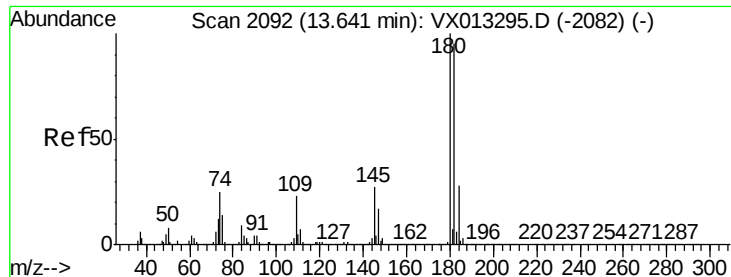
MMDadoda
 11/22/2019 8:44:09 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.302 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013518.D
 Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	47.1	141.4
157	121.7	61.3	183.8





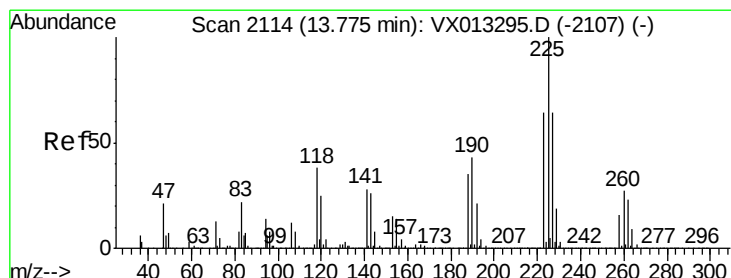
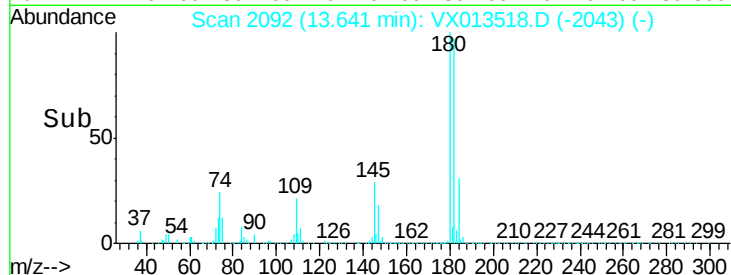
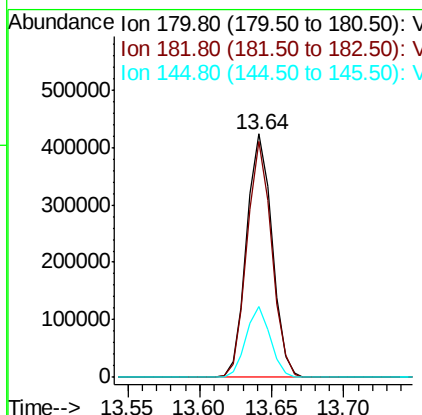
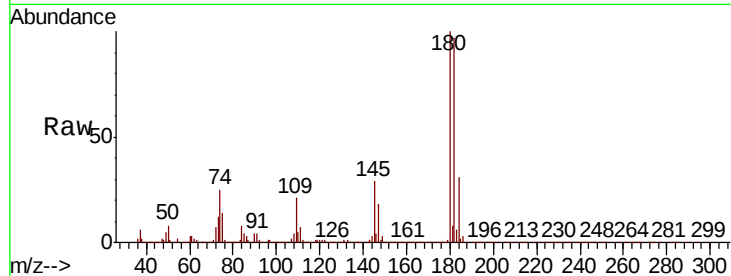
#93
1,2,4-Trichlorobenzene
Concen: 50.319 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	516668		
182	94.2	48.4	145.0	
145	27.9	14.1	42.4	

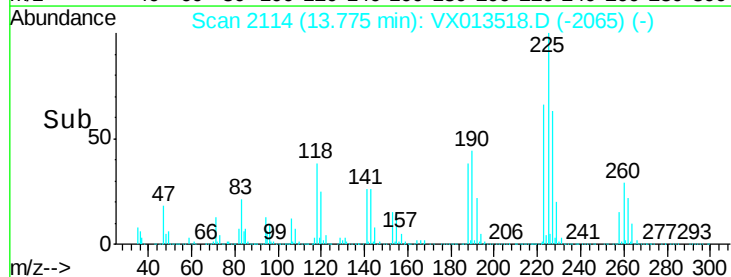
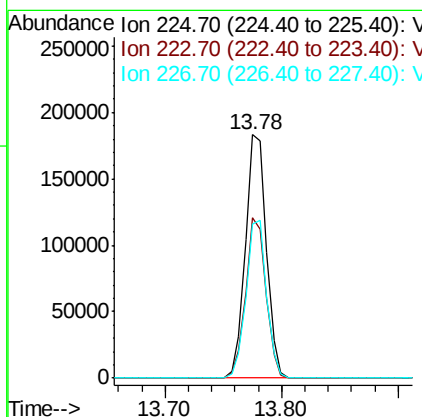
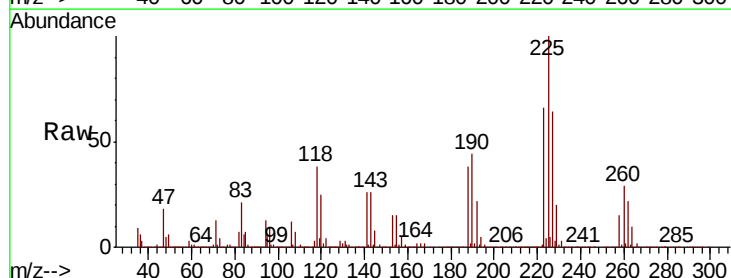
Manual Integrations
APPROVED

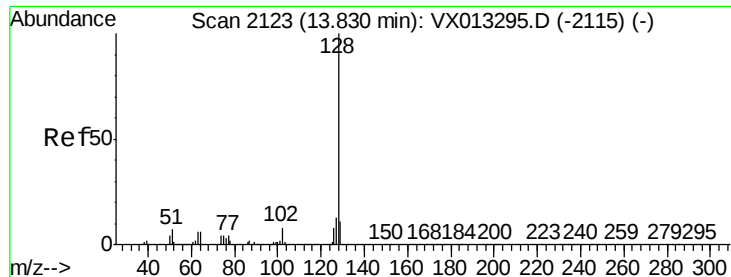
MMDadoda
11/22/2019 8:44:09 AM



#94
Hexachlorobutadiene
Concen: 46.077 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	231463		
223	63.6	31.9	95.7	
227	63.6	31.9	95.9	





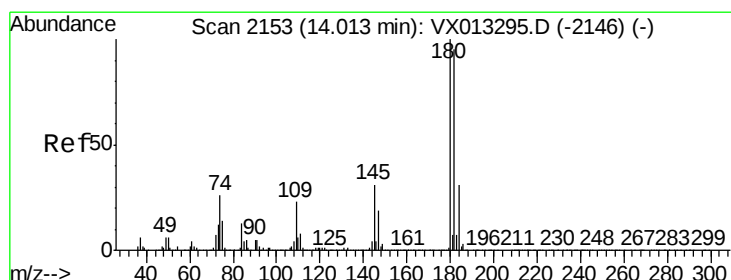
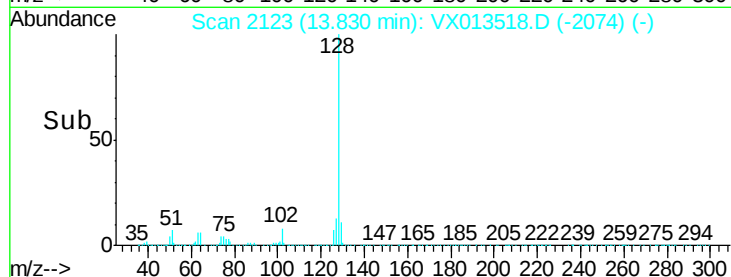
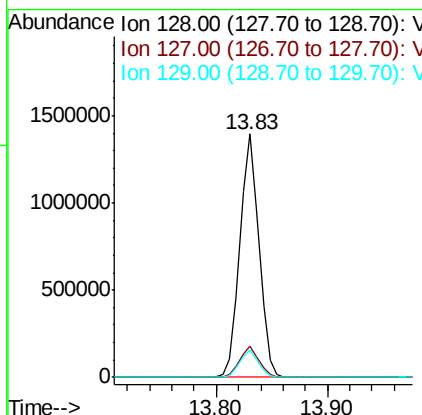
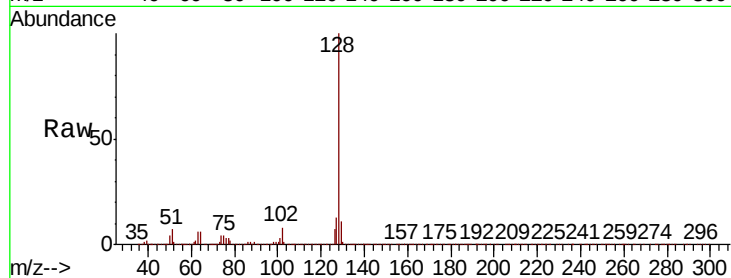
#95
Naphthalene
Concen: 51.581 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/22/2019 8:44:09 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.521 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013518.D
Acq: 21 Nov 2019 21:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.2
145	30.2	15.4	46.4

