

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013547.D
 Acq On : 22 Nov 2019 20:37
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 11/25/2019 5:21:26 PM

Quant Time: Nov 23 00:17:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	110785	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	617051	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	559234	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	237095	28.98	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.60%
60) 4-Bromofluorobenzene	11.14	95	267822	29.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.33%
63) Toluene-d8	8.71	98	767019	30.33	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	157680	18.996	ug/l 96
3) Chloromethane	1.32	50	168370	18.612	ug/l 99
4) Vinyl Chloride	1.40	62	195217	18.991	ug/l 100
5) Bromomethane	1.63	94	106472	17.229	ug/l 100
6) Chloroethane	1.72	64	104105	18.424	ug/l 97
7) Trichlorofluoromethane	1.92	101	207536	18.754	ug/l 99
8) Diethyl Ether	2.18	74	96073	19.014	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	124965	18.769	ug/l 98
10) 1,1-Dichloroethene	2.36	96	129515	18.929	ug/l 96
11) Methyl Iodide	2.50	142	143752	17.015	ug/l 99
12) Methyl Acetate	2.76	43	238019	19.853	ug/l 96
13) Acrolein	2.28	56	111601	87.631	ug/l 98
14) Acrylonitrile	3.13	53	417821	94.771	ug/l 99
15) Acetone	2.43	58	110073	82.435	ug/l 93
16) Carbon Disulfide	2.56	76	337210	17.670	ug/l 99
17) Allyl chloride	2.72	41	223251	17.718	ug/l 98
18) Methylene Chloride	2.85	84	150625	19.403	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	139855	19.126	ug/l 96
20) Diisopropyl ether	3.84	45	456180	18.819	ug/l # 83
21) 1,1-Dichloroethane	3.69	63	244918	18.550	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	157422	18.883	ug/l 96
23) tert-Butyl Alcohol	3.03	59	182008	85.784	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	431322	19.047	ug/l 100
25) Chloroform	5.20	83	238693	18.469	ug/l 97
26) Cyclohexane	5.57	56	219916	18.341	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	180840	19.188	ug/l 99
30) 2-Butanone	4.66	43	579457	93.147	ug/l 100
31) 2,2-Dichloropropane	4.58	77	166716	16.334	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	202865	19.365	ug/l 98
33) Carbon Tetrachloride	5.78	117	172302	18.936	ug/l 97
34) Benzene	6.14	78	564754	19.756	ug/l 99
35) Methacrylonitrile	5.03	41	126870	20.423	ug/l 93
36) 1,2-Dichloroethane	6.18	62	195420	19.530	ug/l 100
37) Trichloroethene	7.21	130	158667	20.718	ug/l 99
38) Methylcyclohexane	7.45	83	221494	19.167	ug/l 99
39) 1,2-Dichloropropane	7.51	63	146580	19.830	ug/l 91
40) Dibromomethane	7.65	93	94280	19.166	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	182184	18.972	ug/l	99
42) Vinyl Acetate	3.80	43	1508325	77.012	ug/l	99
43) Ethyl Acetate	4.82	43	214095	18.870	ug/l	96
44) Isopropyl Acetate	6.43	43	351866	19.293	ug/l	99
45) 1,4-Dioxane	7.73	88	74851	371.731	ug/l	98
46) Methyl methacrylate	7.76	41	174826	19.271	ug/l	99
47) n-amyl Acetate	10.89	43	301909	18.872	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	191474	17.782	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	219199	18.578	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	145423	19.978	ug/l	96
51) Ethyl methacrylate	9.17	69	229568	19.154	ug/l	100
52) 1,3-Dichloropropane	9.37	76	247851	19.917	ug/l	99
53) Dibromochloromethane	9.57	129	145159	18.815	ug/l	97
54) 1,2-Dibromoethane	9.67	107	152397	19.579	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	468077	91.403	ug/l	98
56) Bromoform	10.85	173	109750	17.876	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	1140296	97.607	ug/l	99
59) 2-Hexanone	9.48	43	886472	95.902	ug/l	99
61) Tetrachloroethene	9.33	164	210720	30.557	ug/l	97
62) Toluene	8.78	91	608391	19.531	ug/l	100
64) Chlorobenzene	10.14	112	378234	19.419	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	141003	19.340	ug/l	97
66) Ethyl Benzene	10.25	91	662097	19.347	ug/l	99
67) m/p-Xylenes	10.35	106	505489	38.292	ug/l	100
68) o-Xylene	10.70	106	249521	19.586	ug/l	96
69) Styrene	10.71	104	413801	19.022	ug/l	99
70) Isopropylbenzene	11.01	105	652560	19.439	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	219609	18.270	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	187578m	18.482	ug/l	
73) Bromobenzene	11.25	156	169103	19.101	ug/l	99
74) n-propylbenzene	11.35	91	737939	19.343	ug/l	100
75) 2-Chlorotoluene	11.42	91	440212	19.404	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	543746	19.270	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	65004	15.840	ug/l	96
78) 4-Chlorotoluene	11.51	91	497110	19.125	ug/l	99
79) tert-butylbenzene	11.76	119	472744	16.605	ug/l	91
80) 1,2,4-Trimethylbenzene	11.80	105	550229	19.568	ug/l	98
81) sec-Butylbenzene	11.94	105	620582	19.105	ug/l	99
82) p-Isopropyltoluene	12.06	119	567804	18.973	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	295971	19.016	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	293148	18.975	ug/l	99
85) n-Butylbenzene	12.39	91	479368	18.559	ug/l	99
86) Hexachloroethane	12.59	117	97422	17.739	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	298405	19.173	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	49715	18.495	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	205606	19.160	ug/l	98
90) Hexachlorobutadiene	13.78	225	97241	18.910	ug/l	97
91) Naphthalene	13.83	128	646582	19.030	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	206530	19.044	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDCCC020EC

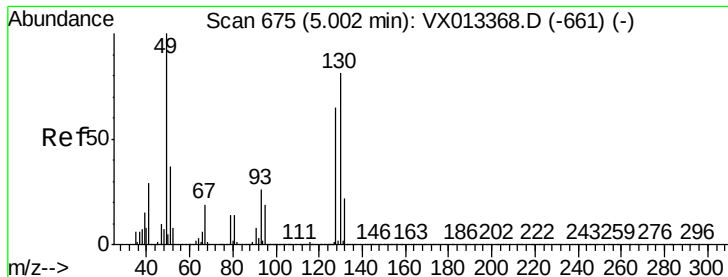
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

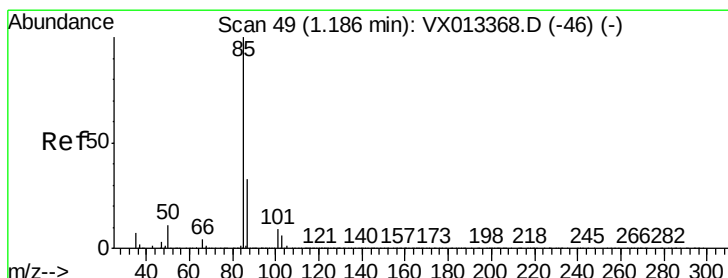
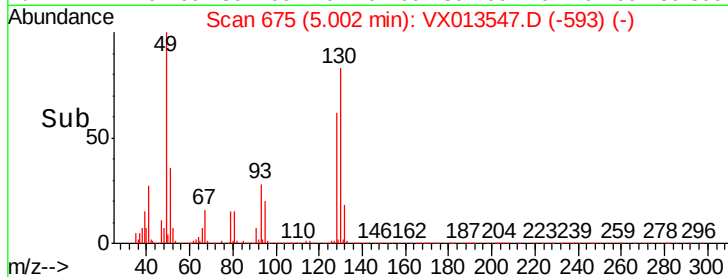
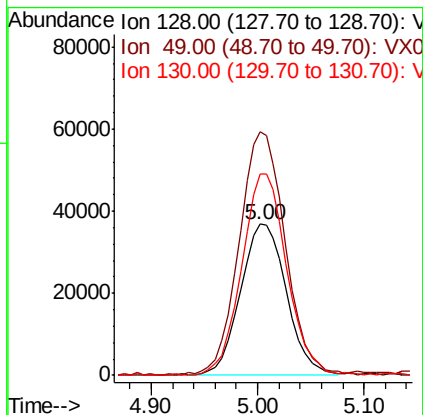
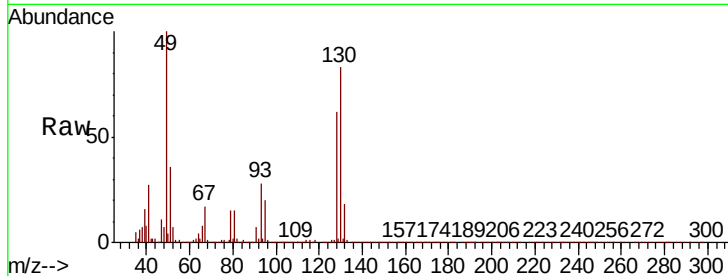
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	162.5	0.0	388.3
130	130.4	0.0	318.5

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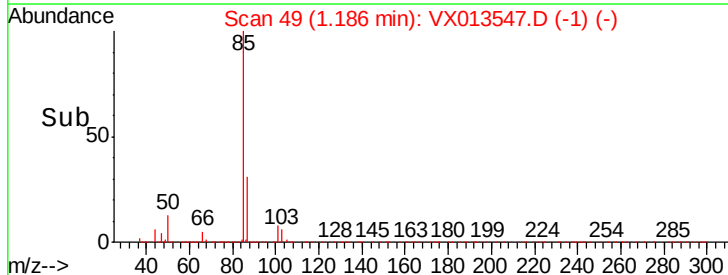
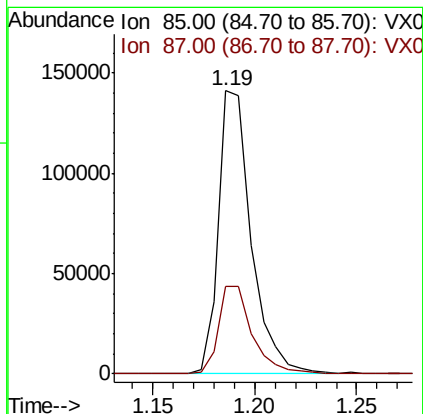
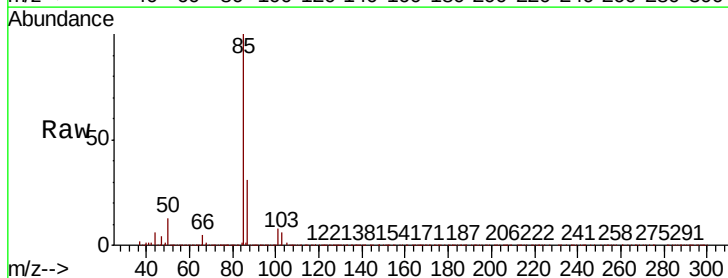
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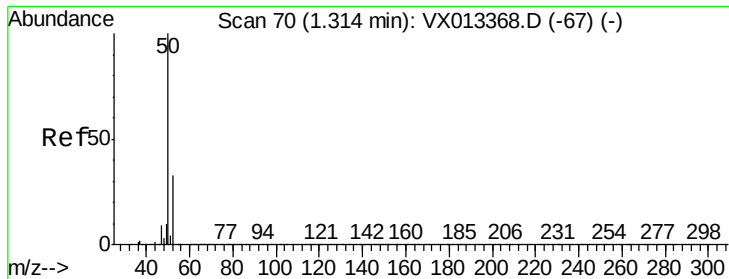


#2

Dichlorodifluoromethane
Concen: 18.996 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.8	16.6	49.7





#3

Chloromethane

Concen: 18.612 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 168370

Ion Ratio Lower Upper

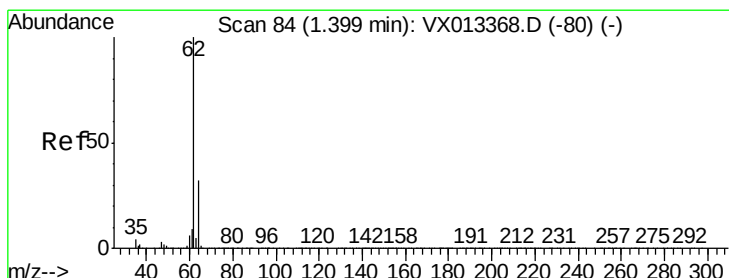
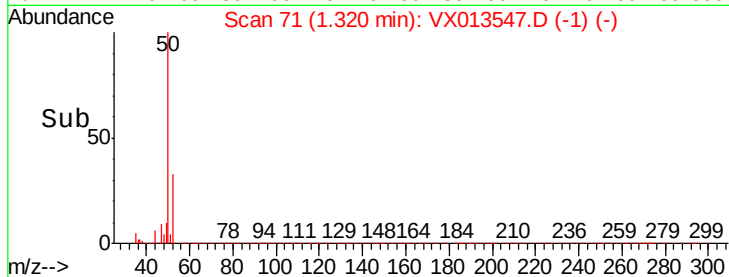
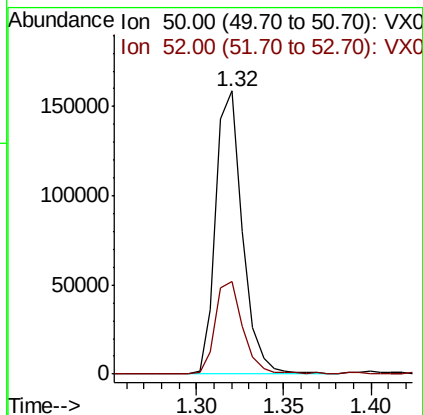
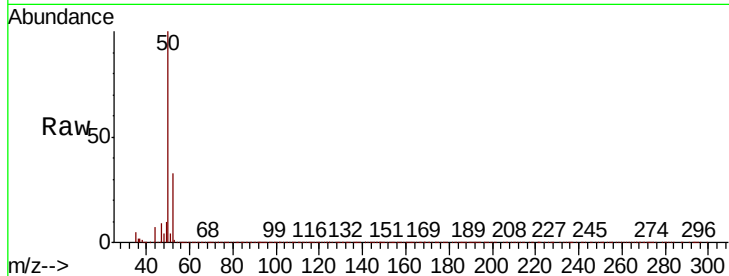
50 100

52 32.7 26.6 40.0

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#4

Vinyl Chloride

Concen: 18.991 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013547.D

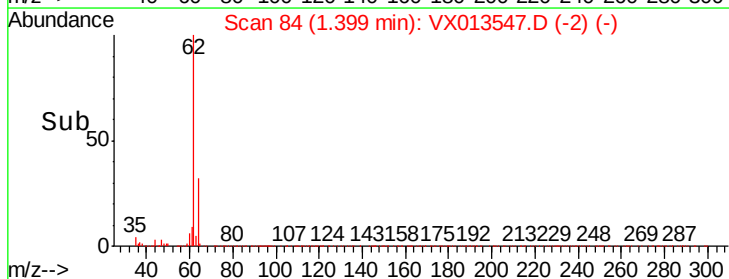
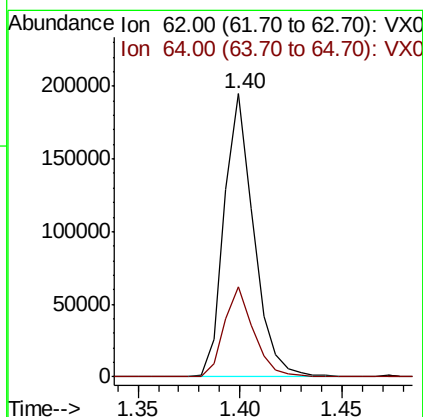
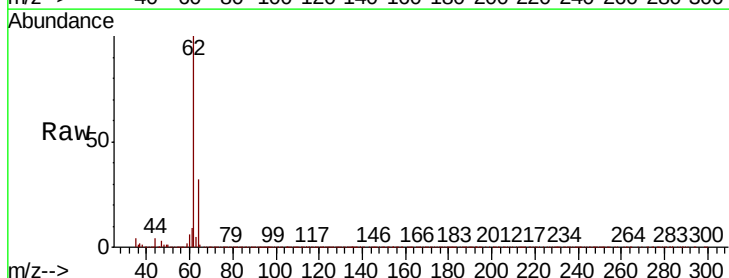
Acq: 22 Nov 2019 20:37

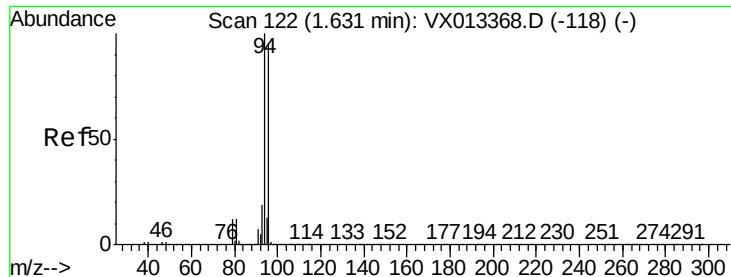
Tgt Ion: 62 Resp: 195217

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 17.229 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 106472

Ion Ratio Lower Upper

94 100

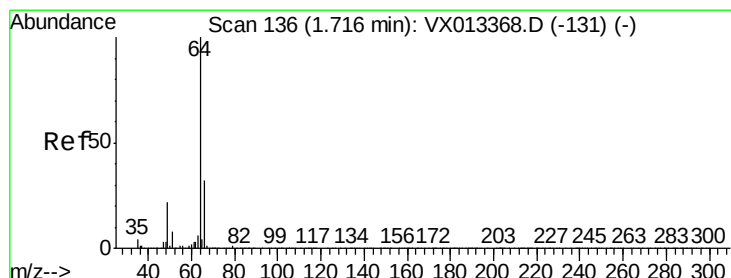
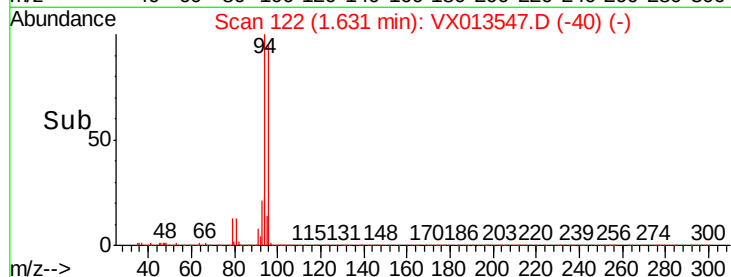
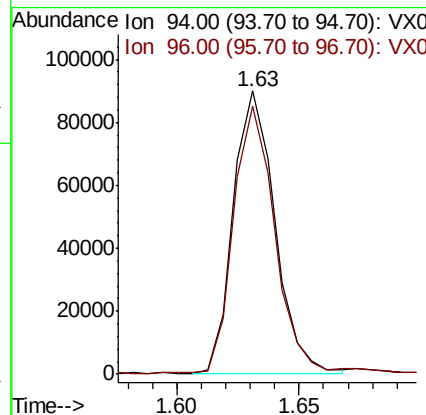
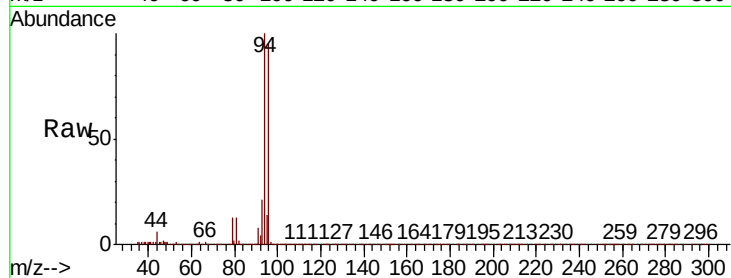
96 94.7 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 18.424 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013547.D

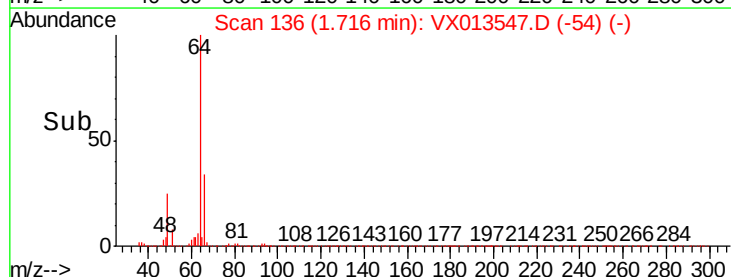
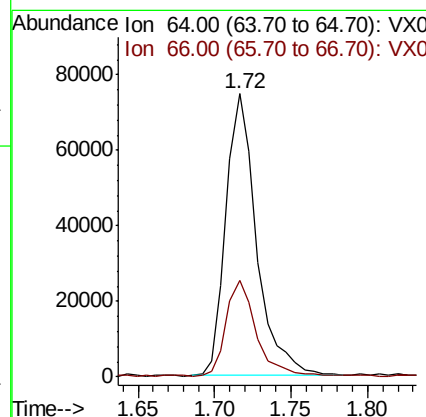
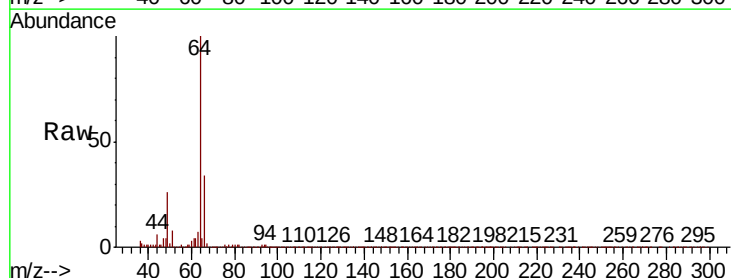
Acq: 22 Nov 2019 20:37

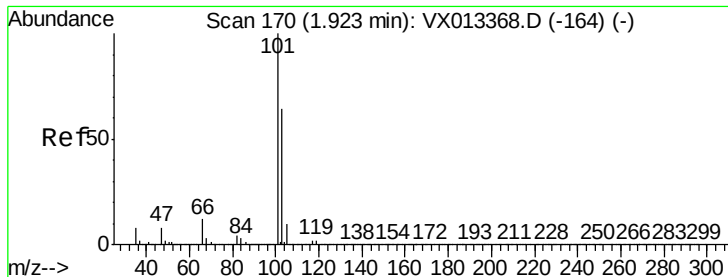
Tgt Ion: 64 Resp: 104105

Ion Ratio Lower Upper

64 100

66 33.7 25.5 38.3





#7

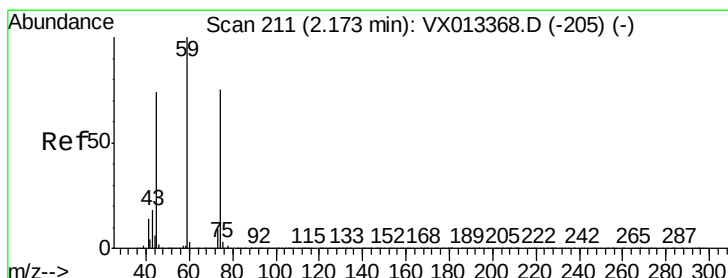
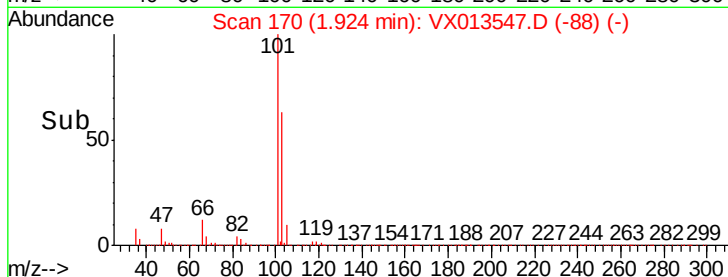
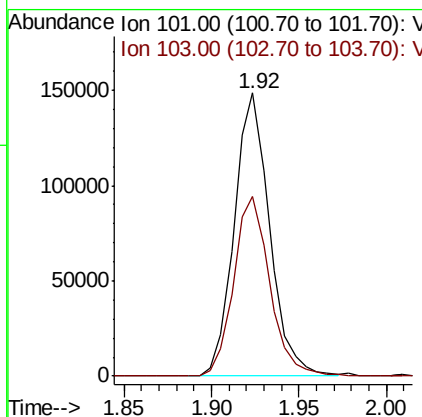
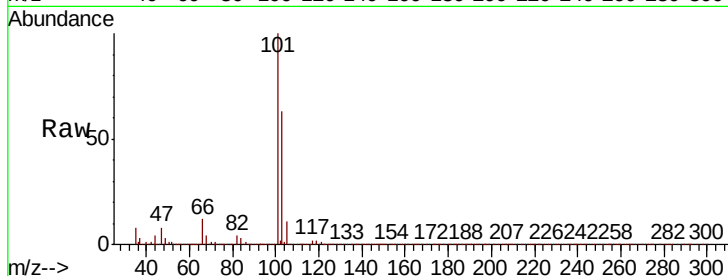
Trichlorofluoromethane
Concen: 18.754 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.2	76.8

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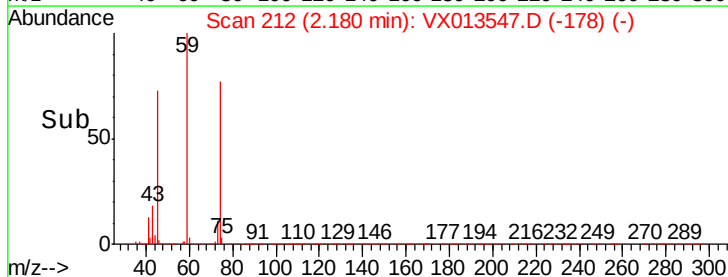
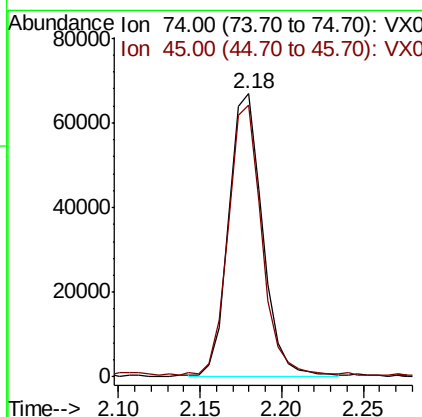
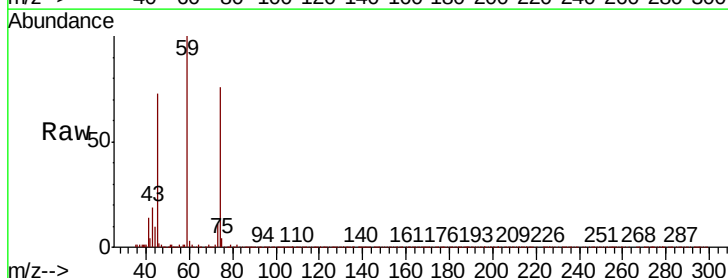
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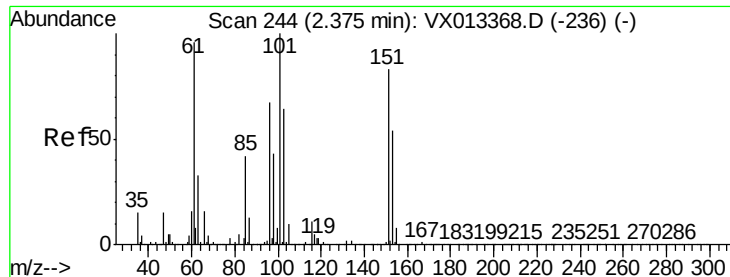


#8

Diethyl Ether
Concen: 19.014 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.4	19.5	175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.769 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

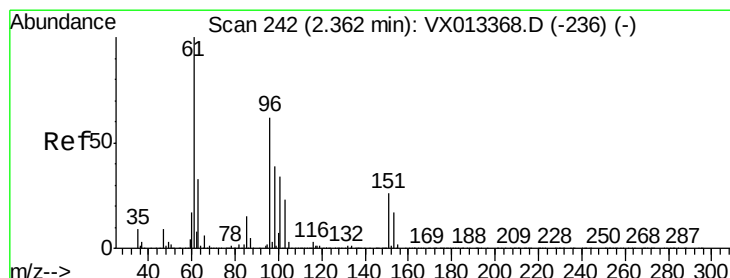
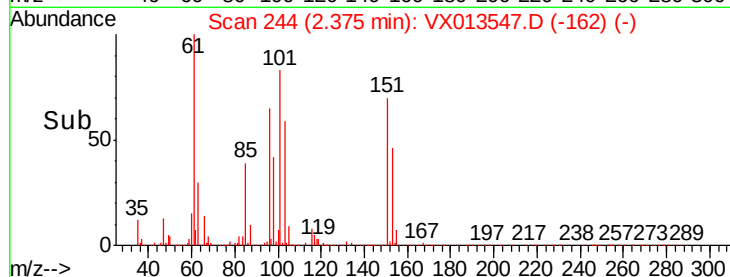
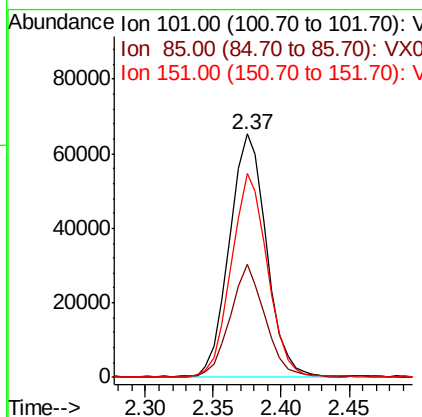
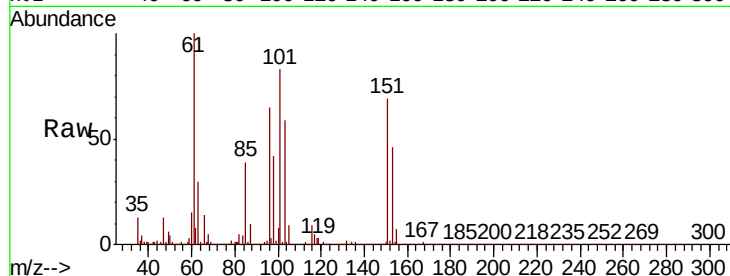
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	124965
Ion Ratio	Lower	Upper	
101	100		
85	43.5	0.0	83.2
151	81.2	0.0	163.8

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#10

1,1-Dichloroethene

Concen: 18.929 ug/l

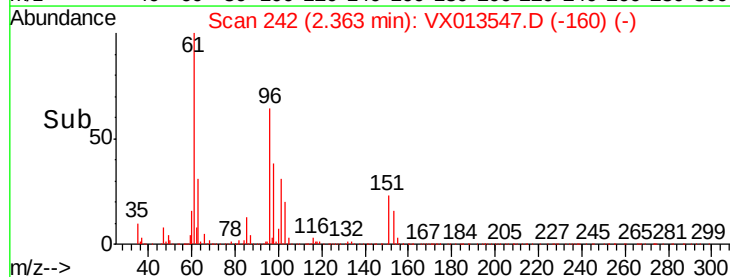
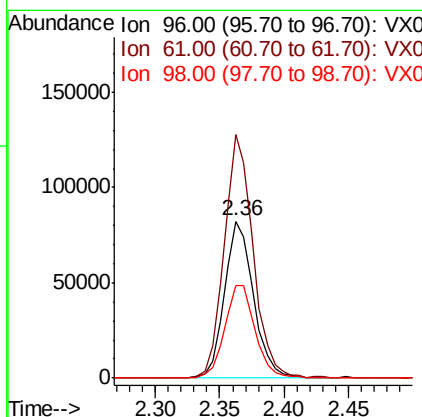
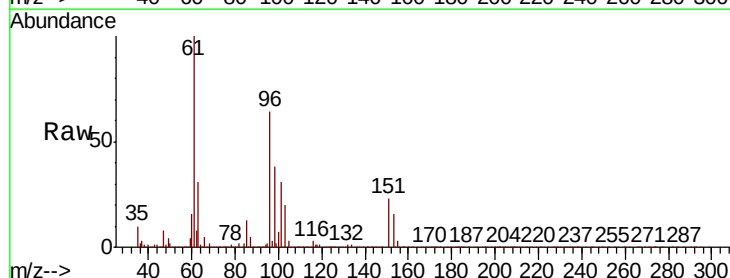
RT: 2.36 min Scan# 242

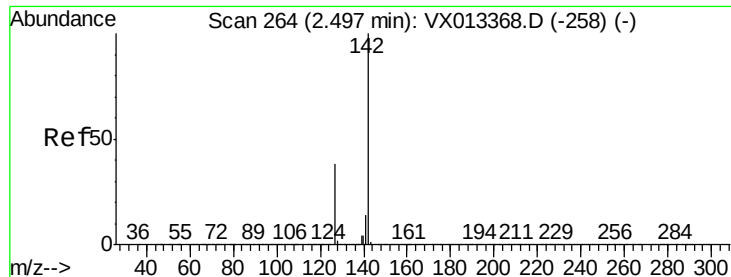
Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Tgt Ion:	96	Resp:	129515
Ion Ratio	Lower	Upper	
96	100		
61	155.7	128.9	193.3
98	59.1	49.7	74.5





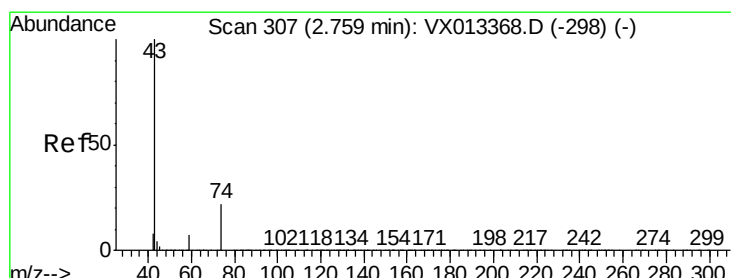
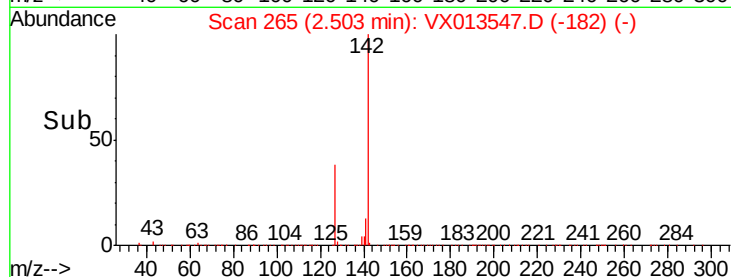
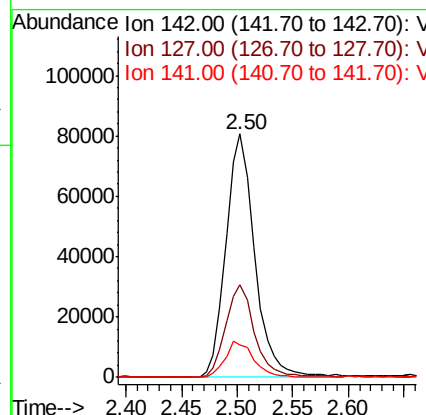
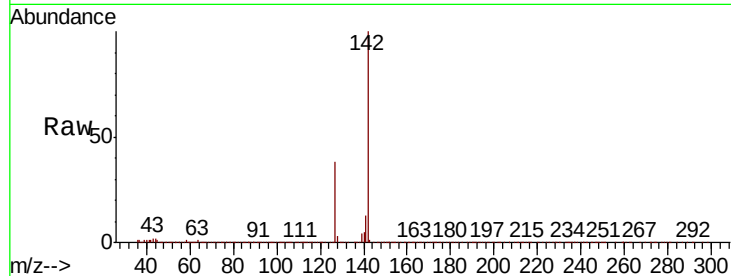
#11
Methyl Iodide
Concen: 17.015 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	37.8	19.1	57.5
141	13.2	7.0	21.0

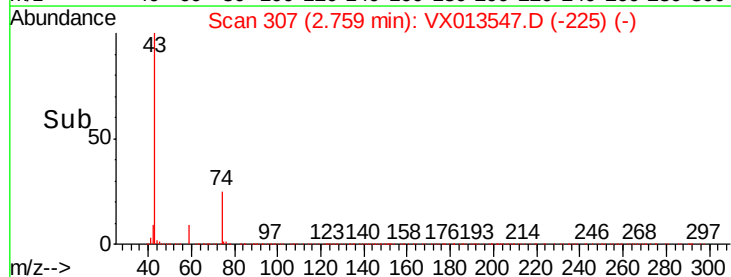
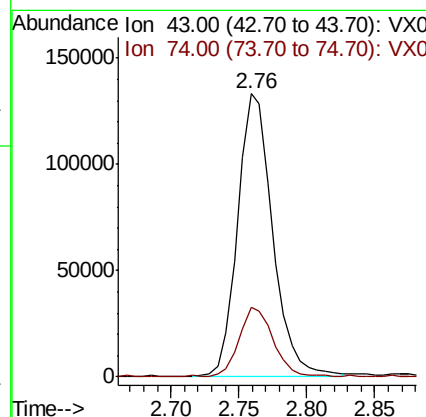
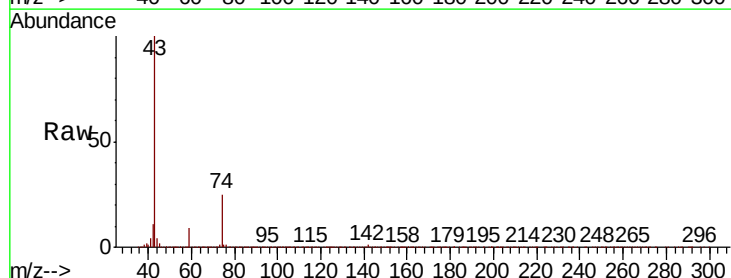
Manual Integrations
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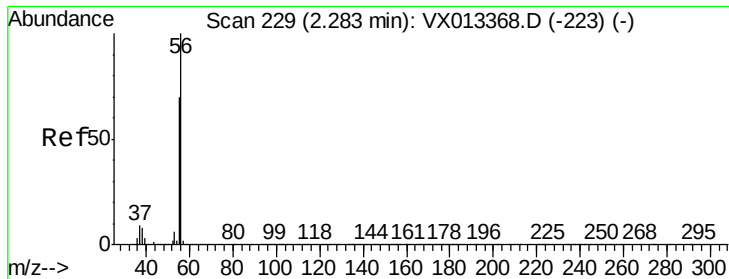
MMDadoda
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#12
Methyl Acetate
Concen: 19.853 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	18.0	27.0





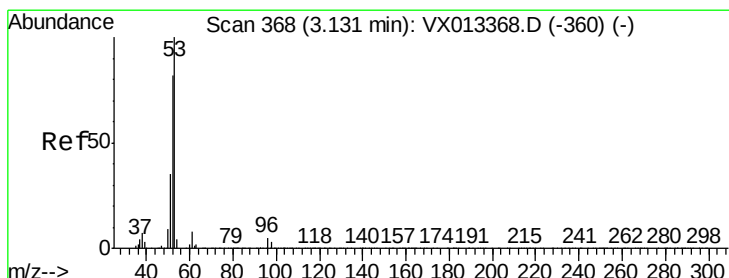
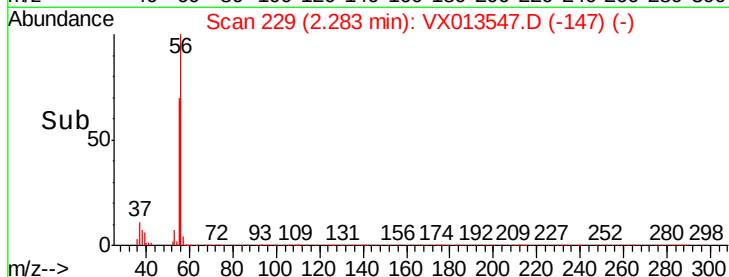
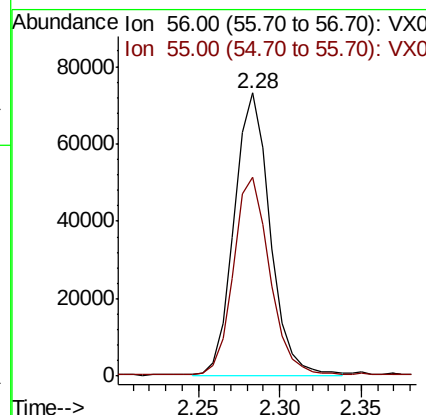
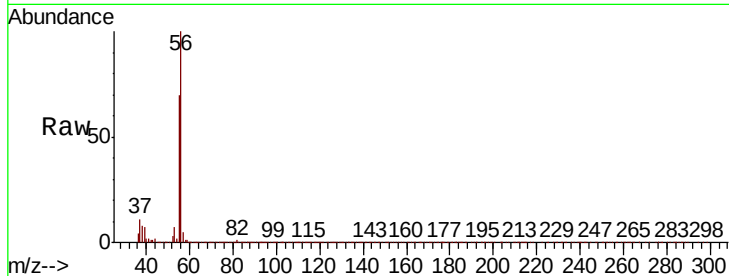
#13
Acrolein
Concen: 87.631 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	71.5	55.8	83.8	

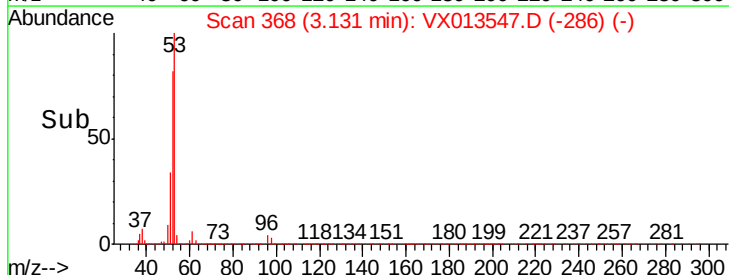
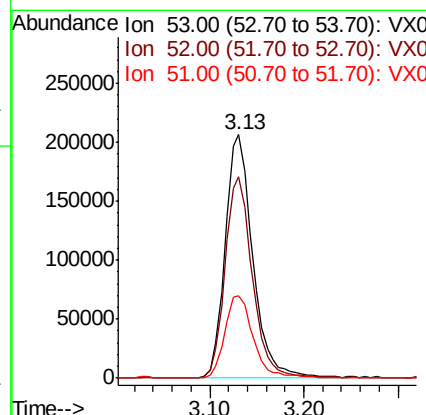
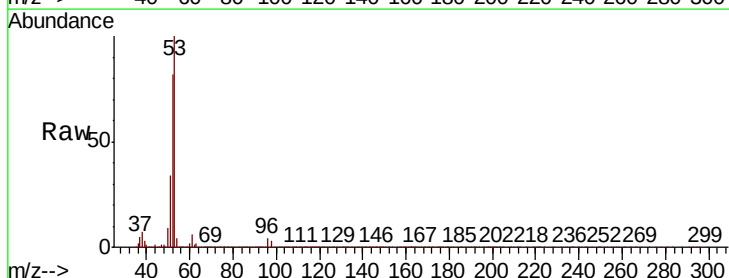
Manual Integrations
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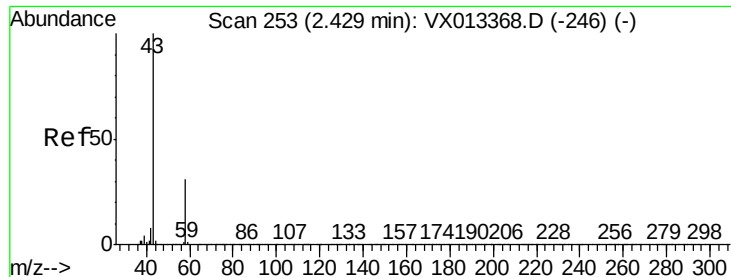
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#14
Acrylonitrile
Concen: 94.771 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	81.6	41.0	123.0	
51	33.9	17.3	51.9	





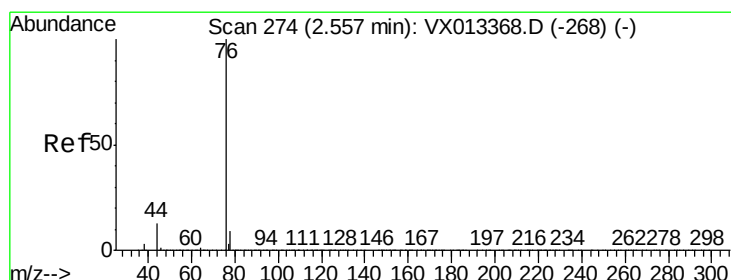
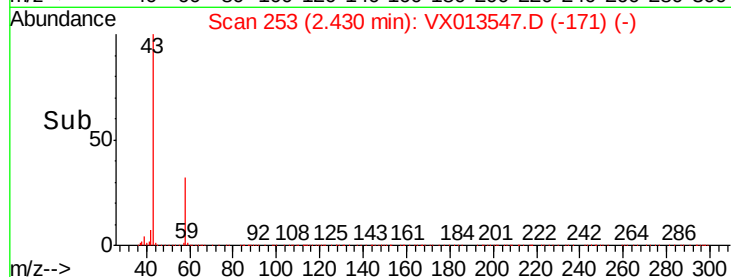
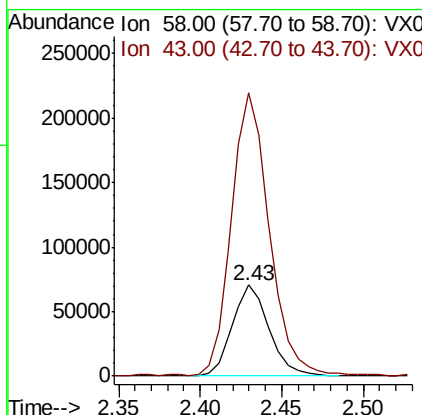
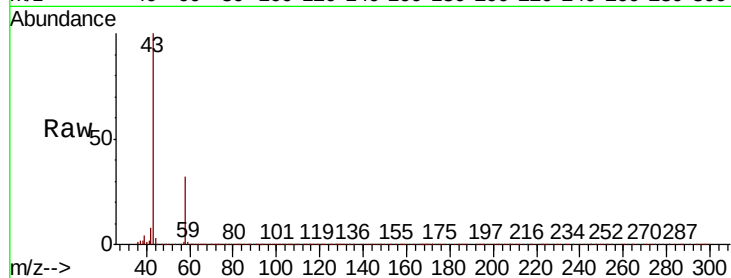
#15
Acetone
Concen: 82.435 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	58	Resp	110073
Ion Ratio	Lower	Upper	
58	100		
43	312.0	261.4	392.2

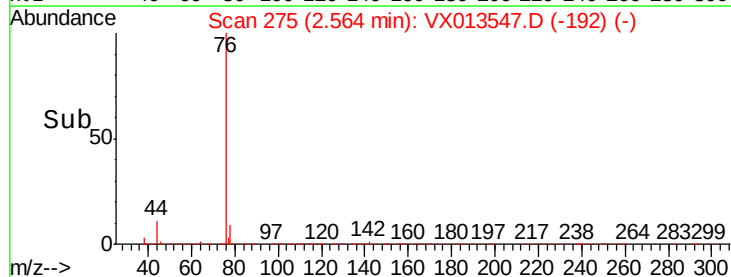
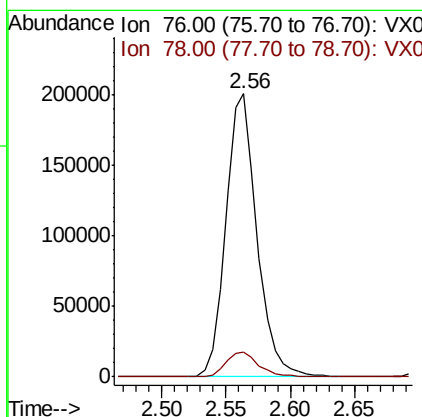
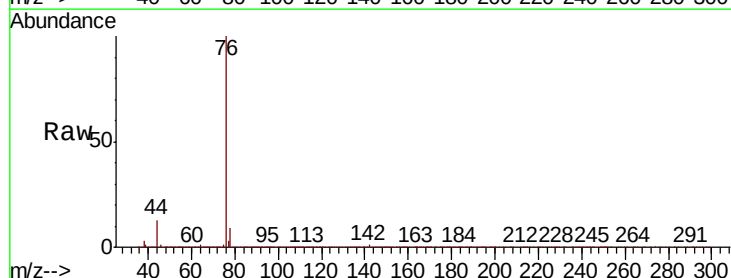
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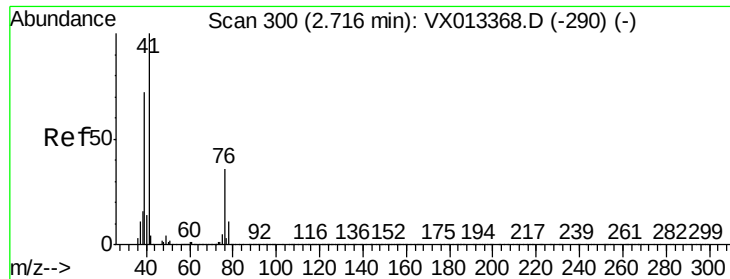
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#16
Carbon Disulfide
Concen: 17.670 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	76	Resp	337210
Ion Ratio	Lower	Upper	
76	100		
78	8.8	7.4	11.0





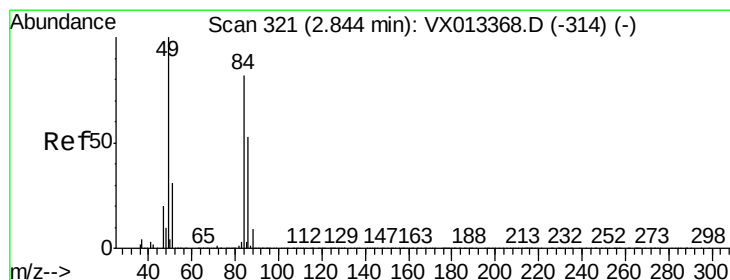
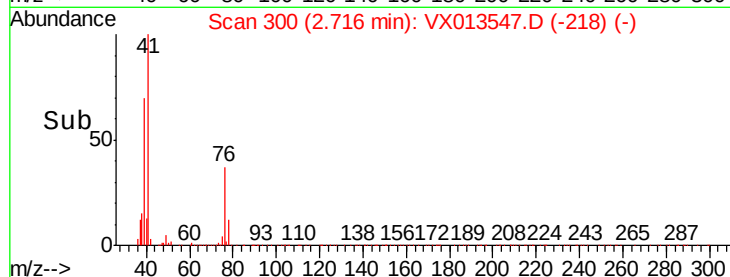
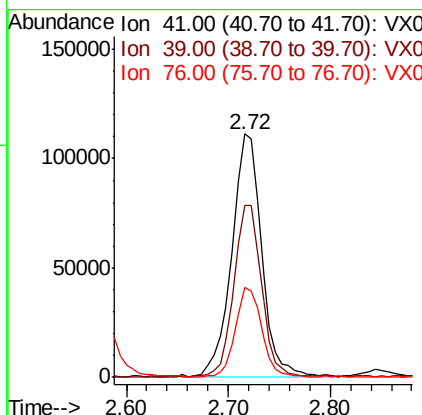
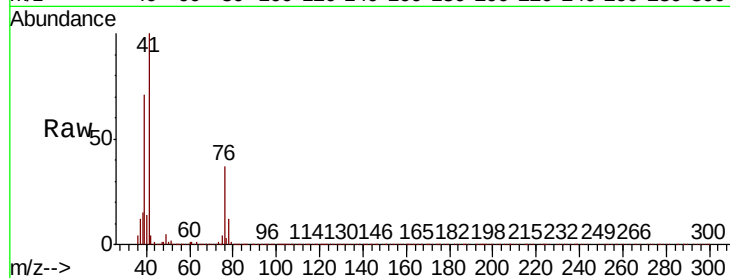
#17
Allvl chloride
Concen: 17.718 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	223251
Ion Ratio	Lower	Upper	
41	100		
39	70.5	36.1	108.3
76	36.8	18.1	54.4

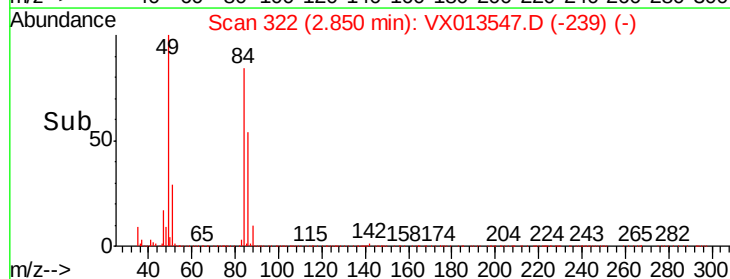
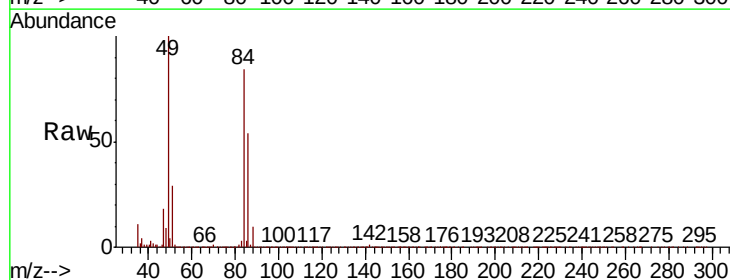
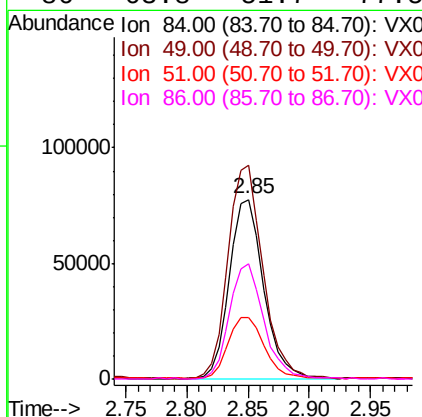
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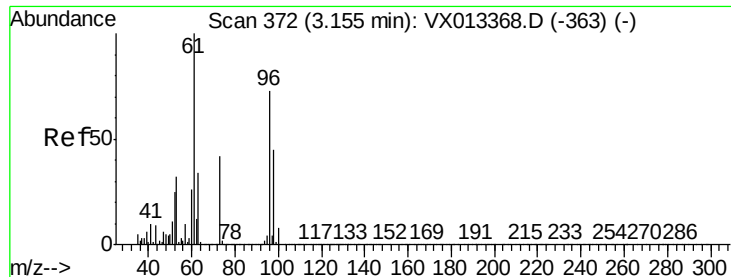
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#18
Methylene Chloride
Concen: 19.403 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion:	84	Resp:	150625
Ion Ratio	Lower	Upper	
84	100		
49	119.0	96.8	145.2
51	34.4	30.0	45.0
86	63.8	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 19.126 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

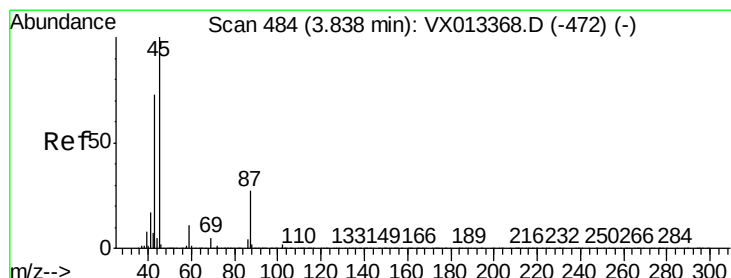
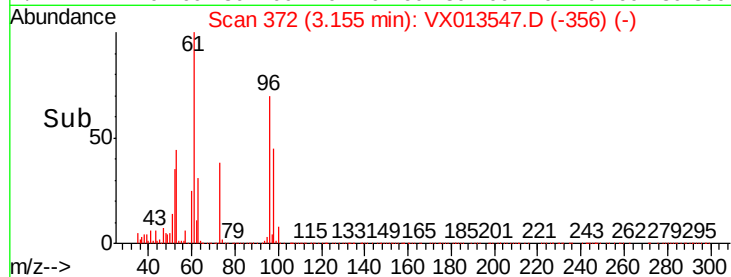
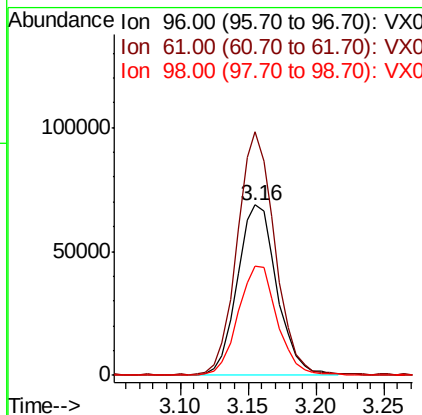
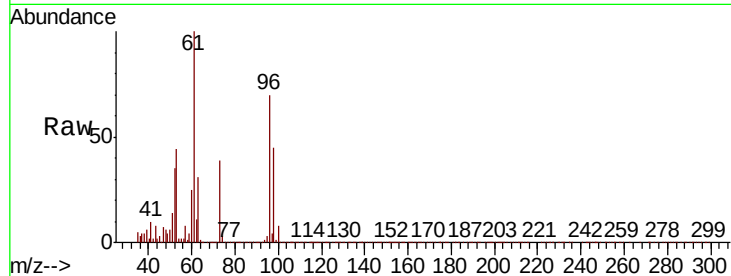
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	139855
Ion Ratio	Lower	Upper	
96	100		
61	142.6	109.9	164.9
98	63.9	49.7	74.5

Manual Integrations
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#20

Diisopropyl ether

Concen: 18.819 ug/l

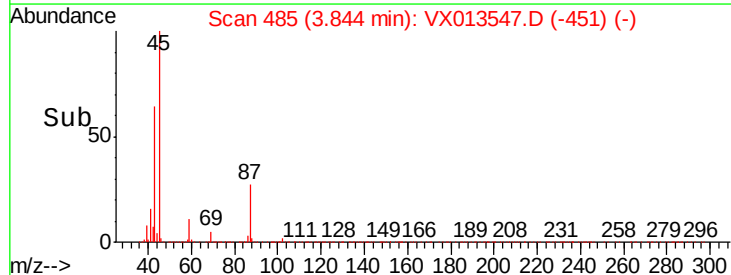
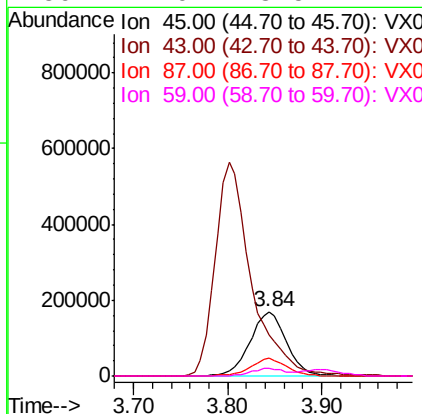
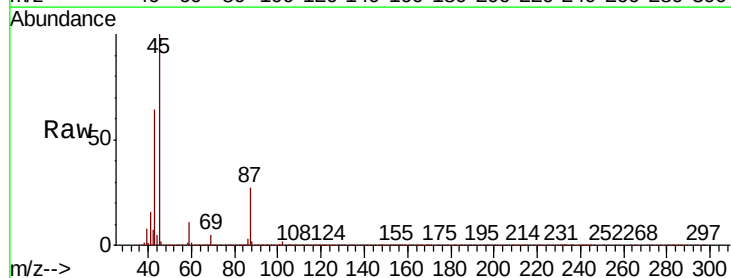
RT: 3.84 min Scan# 485

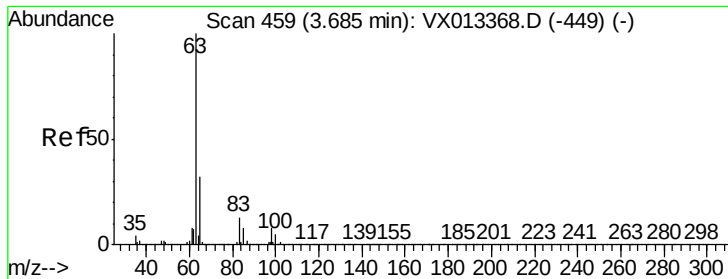
Delta R.T. 0.01 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Tgt Ion:	45	Resp:	456180
Ion Ratio	Lower	Upper	
45	100		
43	62.6	67.7	101.5#
87	26.8	21.5	32.3
59	11.0	8.5	12.7





#21

1,1-Dichloroethane

Concen: 18.550 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

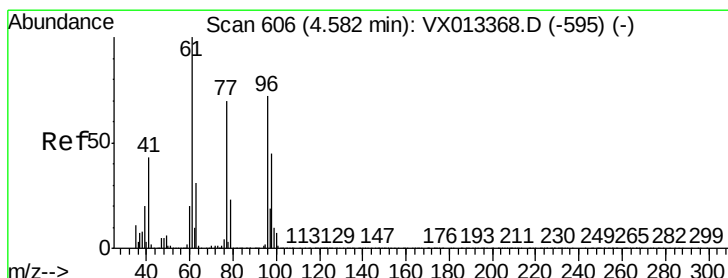
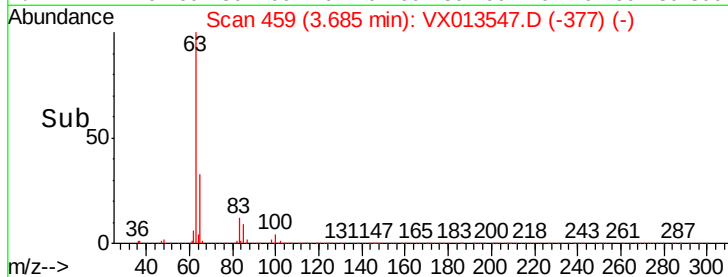
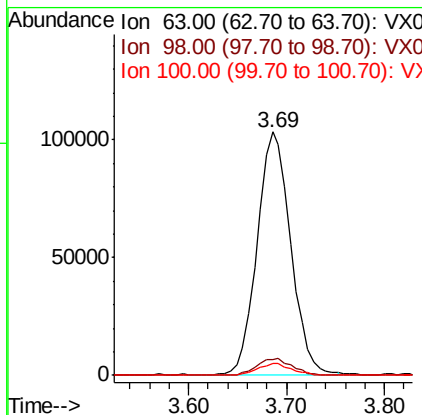
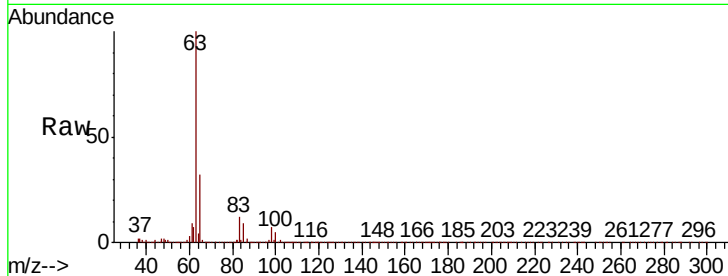
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	244918
Ion Ratio	Lower	Upper	
63	100		
98	6.5	4.0	11.9
100	4.8	2.5	7.5

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 18.883 ug/l

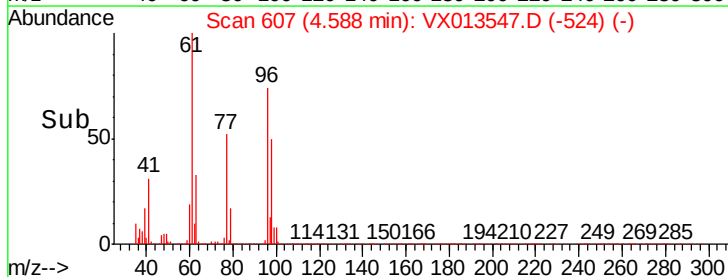
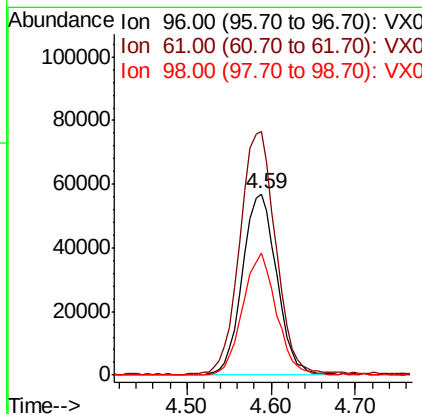
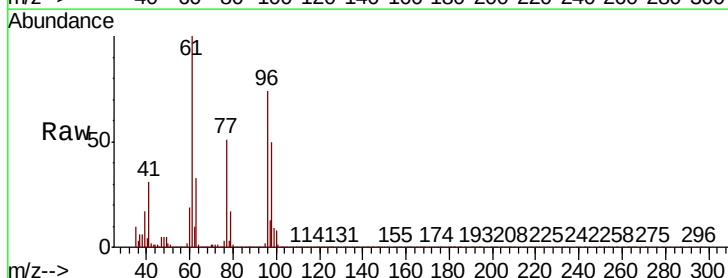
RT: 4.59 min Scan# 607

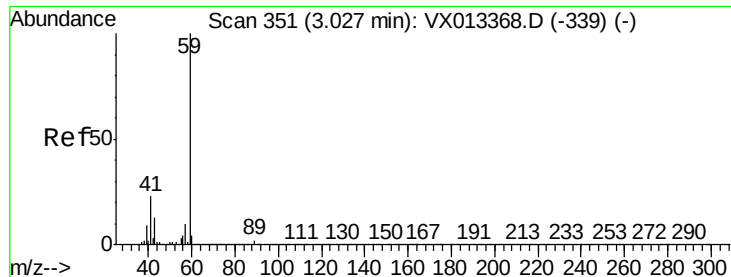
Delta R.T. 0.01 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Tgt Ion:	96	Resp:	157422
Ion Ratio	Lower	Upper	
96	100		
61	139.6	117.0	175.6
98	64.8	51.1	76.7





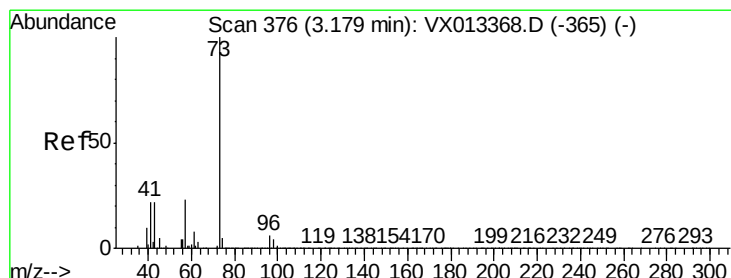
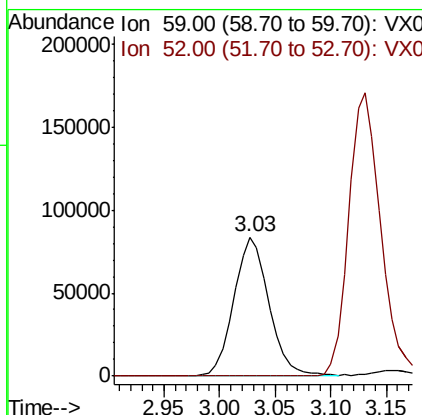
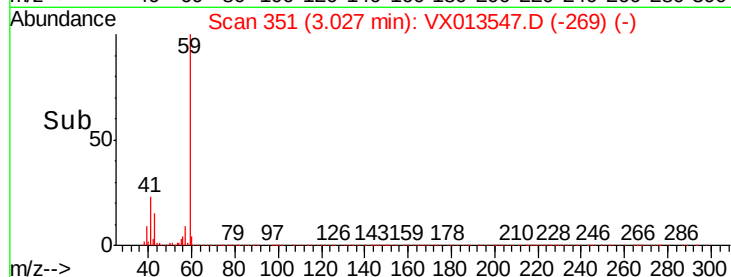
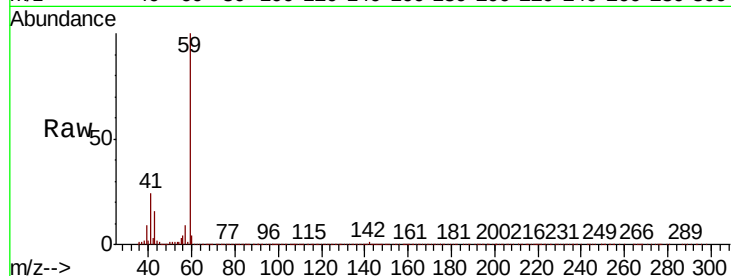
#23
 tert-Butyl Alcohol
 Concen: 85.784 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 59 Resp: 182008
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1#

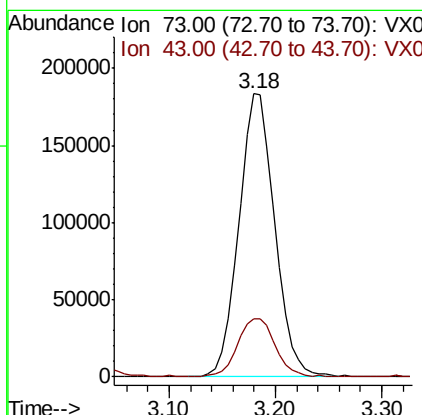
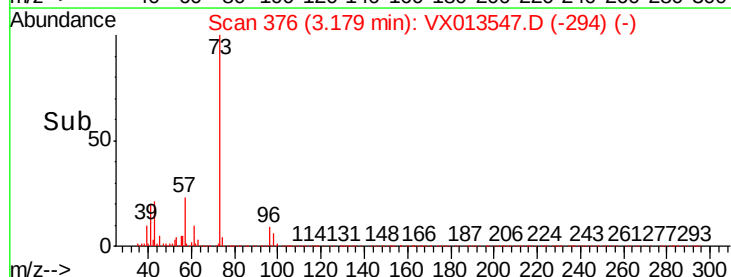
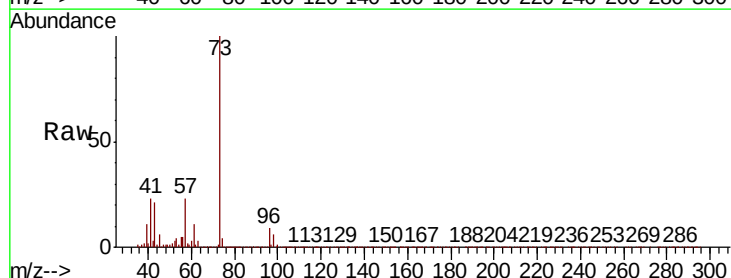
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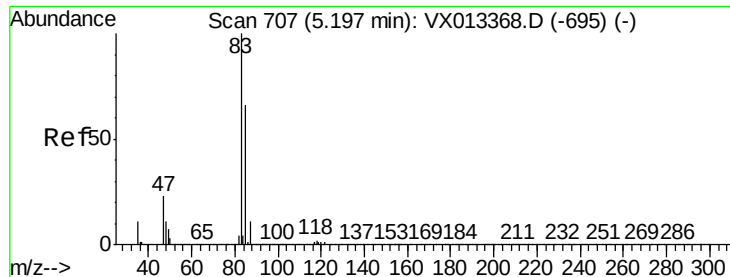
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#24
 Methyl tert-Butyl Ether
 Concen: 19.047 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion: 73 Resp: 431322
 Ion Ratio Lower Upper
 73 100
 43 21.3 17.0 25.6





#25

Chloroform

Concen: 18.469 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 238693

Ion Ratio Lower Upper

83 100

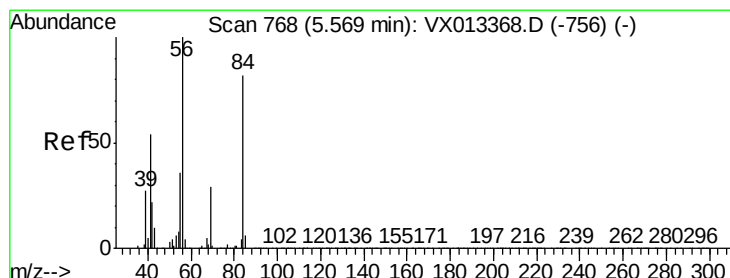
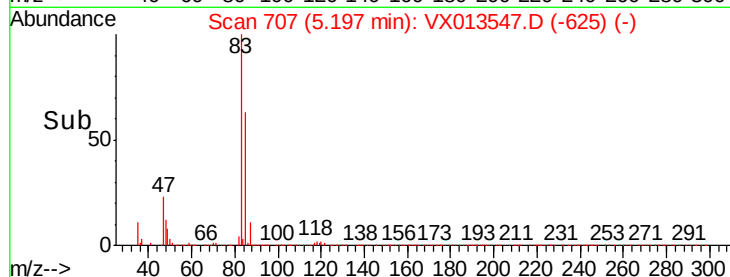
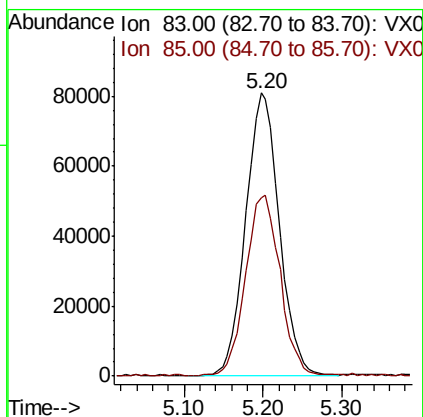
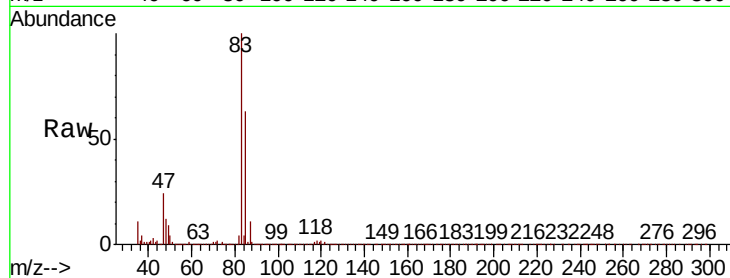
85 63.3 52.4 78.6

Manual Integrations

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#26

Cyclohexane

Concen: 18.341 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

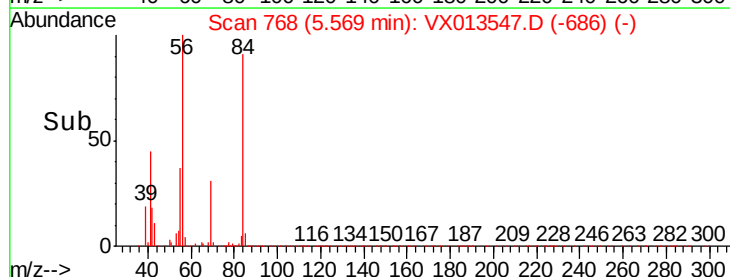
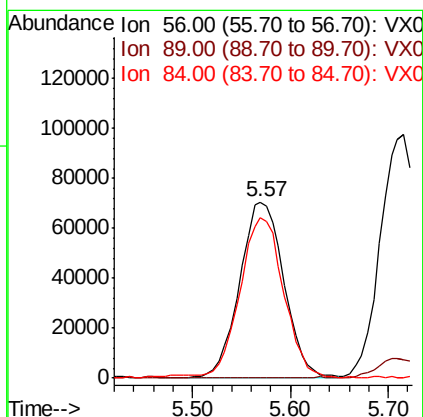
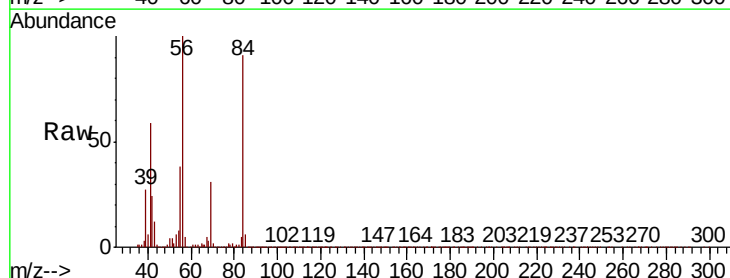
Tgt Ion: 56 Resp: 219916

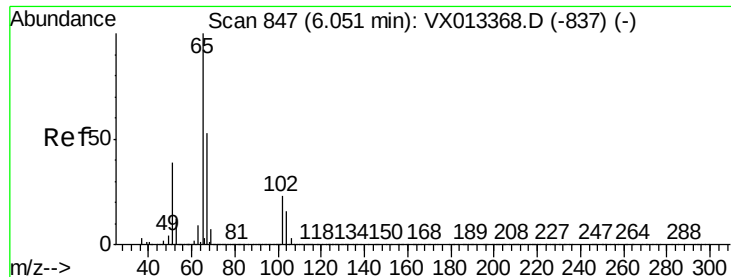
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 89.8 70.5 105.7





#27

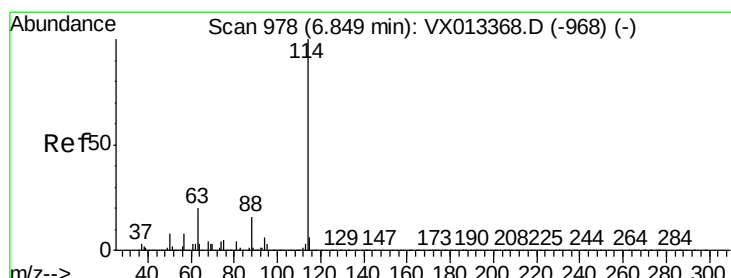
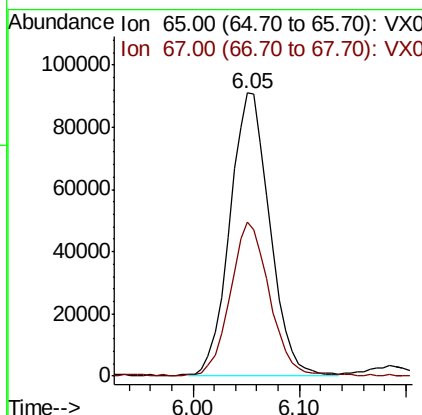
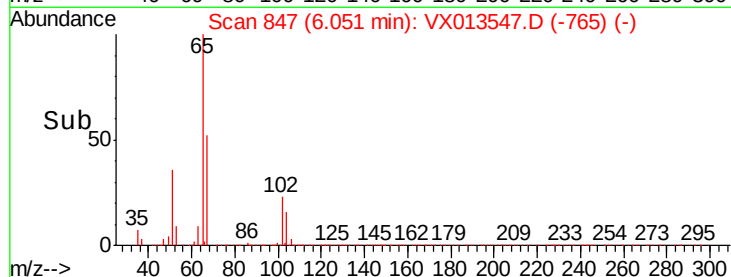
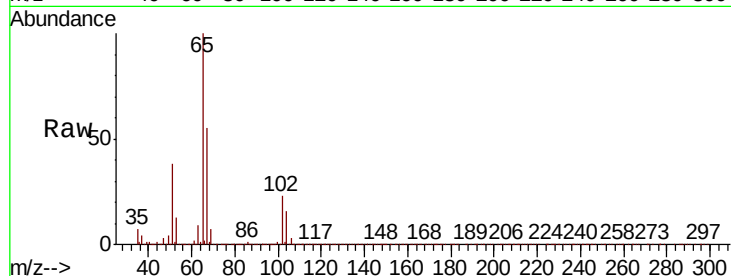
1,2-Dichloroethane-d4
Concen: 28.983 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.5	41.0	61.6

Manual Integrations
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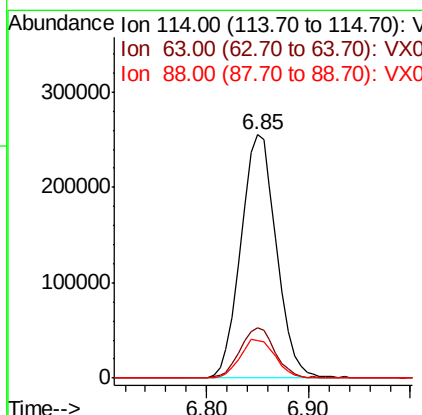
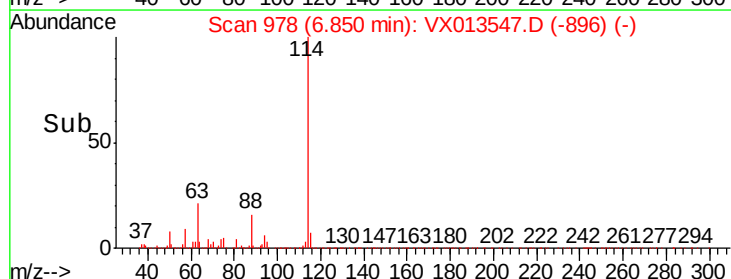
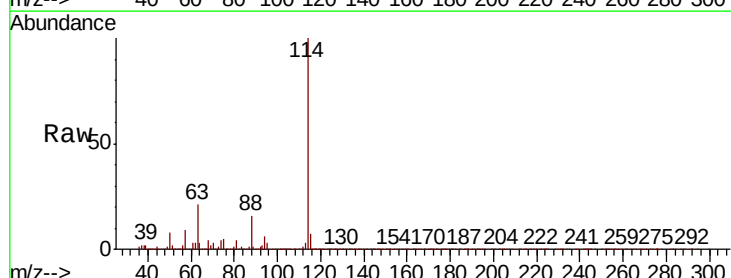
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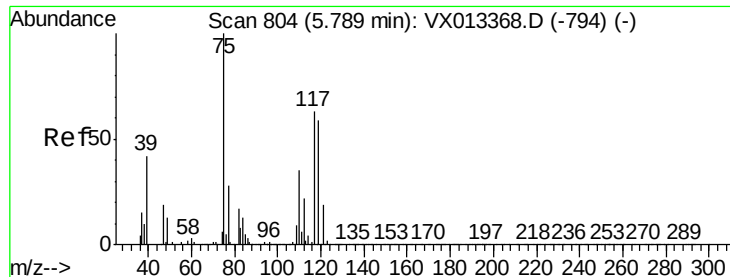


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.1	24.1
88	15.7	12.3	18.5





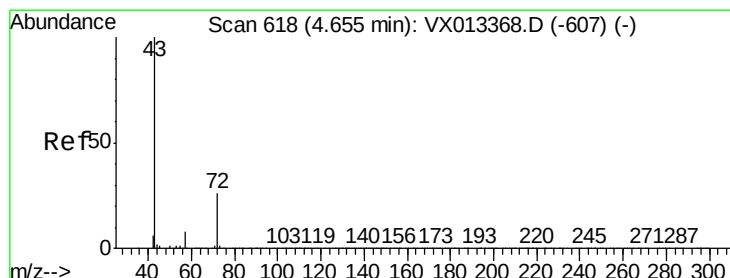
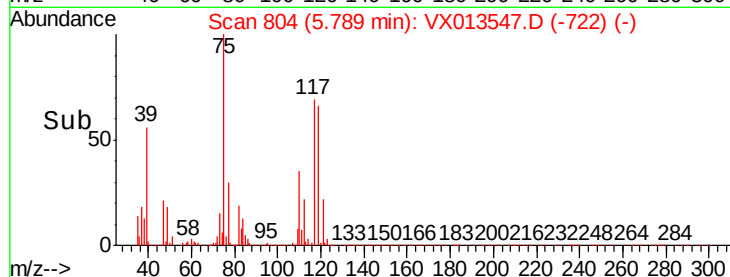
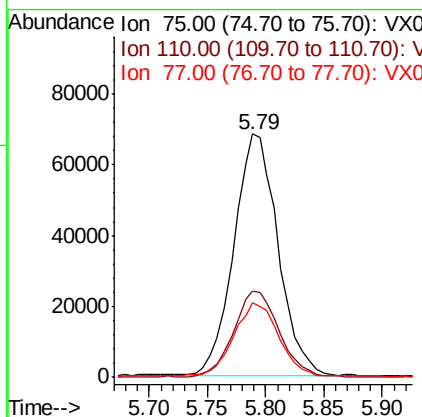
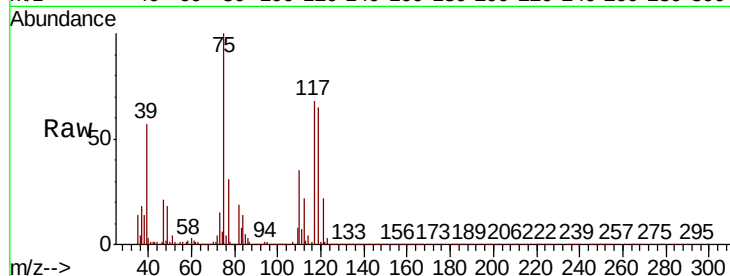
#29
 1,1-Dichloropropene
 Concen: 19.188 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.8	0.0	74.6
77	31.4	0.0	62.6

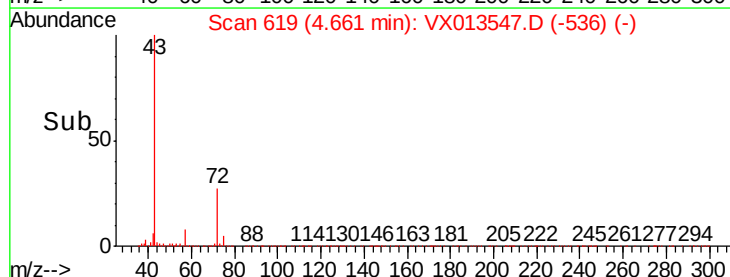
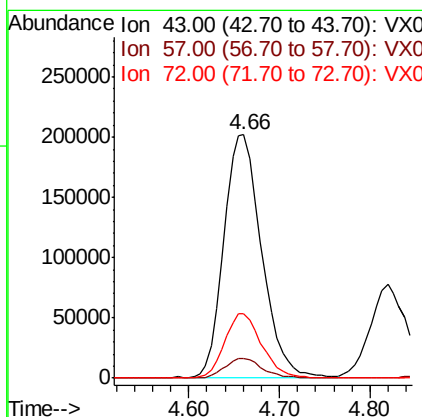
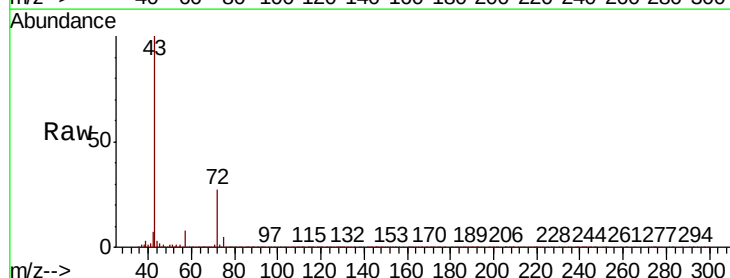
Manual Integrations
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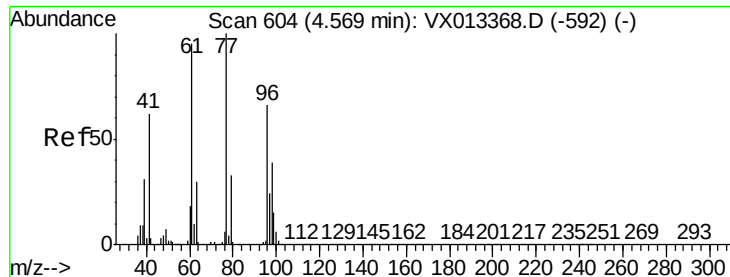
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#30
 2-Butanone
 Concen: 93.147 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.0	6.1	9.1
72	25.7	20.5	30.7





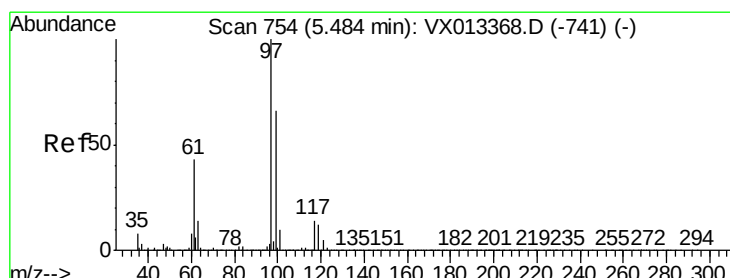
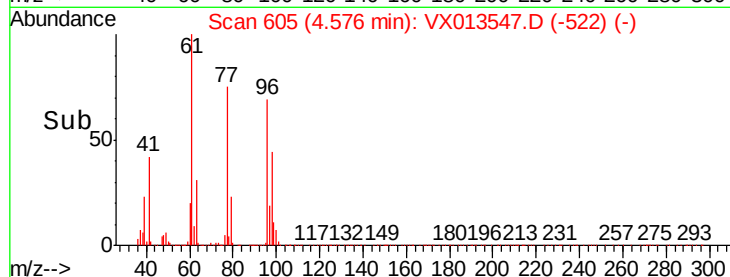
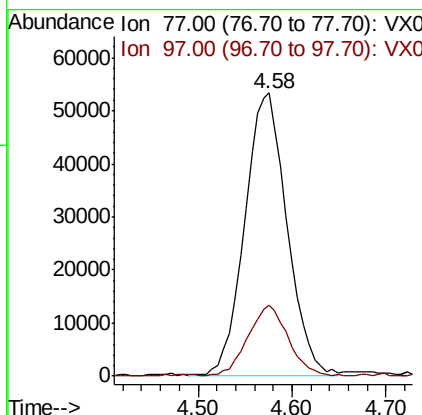
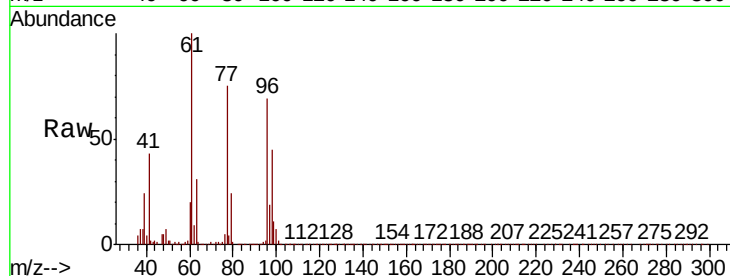
#31
 2,2-Dichloropropane
 Concen: 16.334 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
77	100		
97	24.1	19.2	28.8

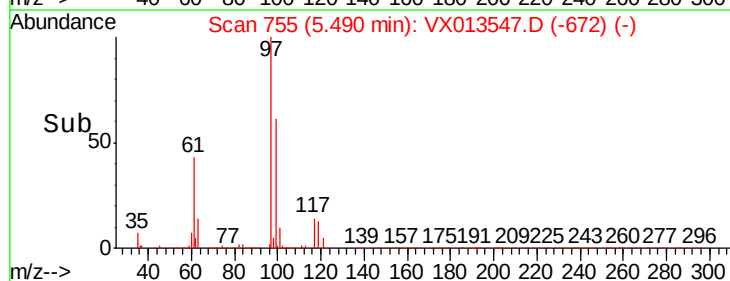
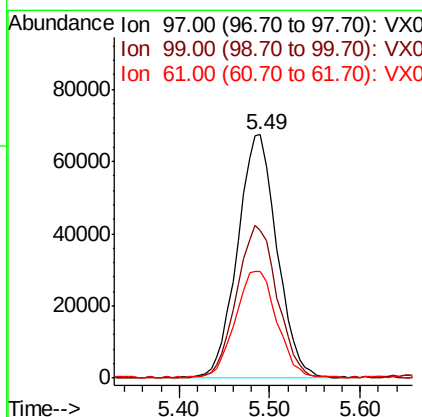
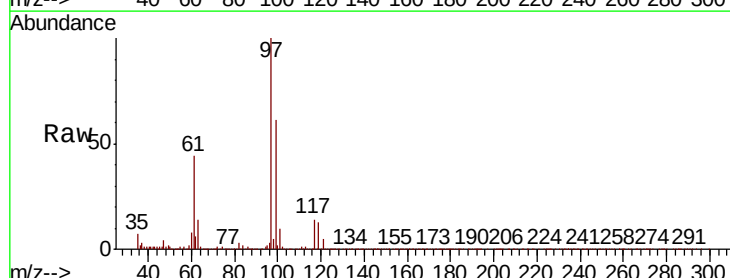
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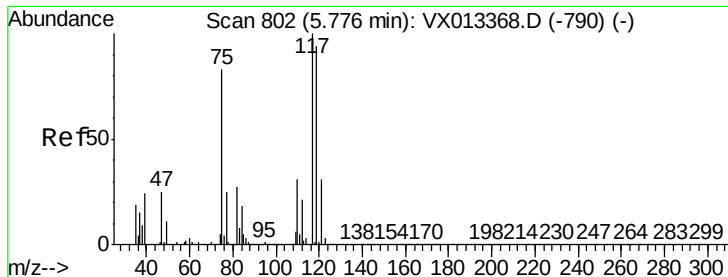
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#32
 1,1,1-Trichloroethane
 Concen: 19.365 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.5	78.7
61	46.7	36.1	54.1





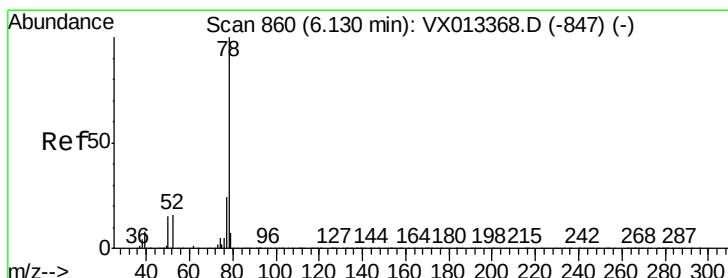
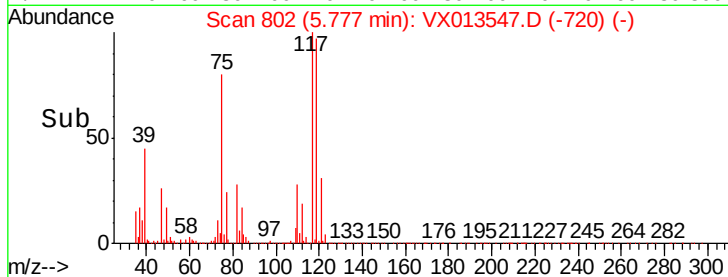
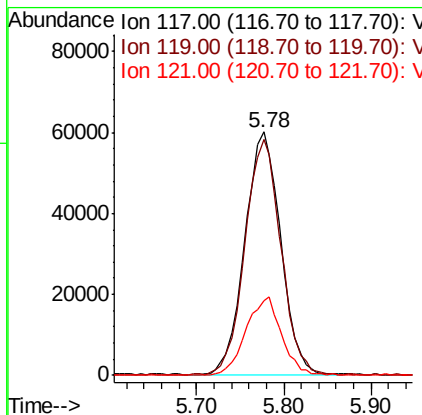
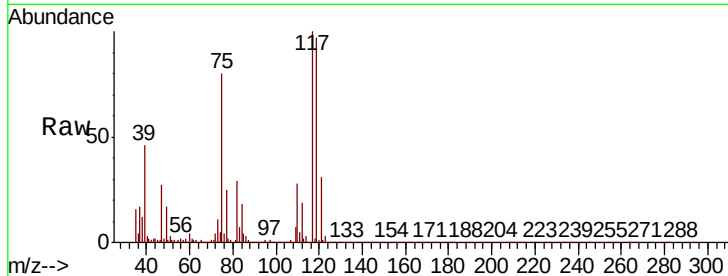
#33
Carbon Tetrachloride
Concen: 18.936 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.0	112.6
121	30.5	24.9	37.3

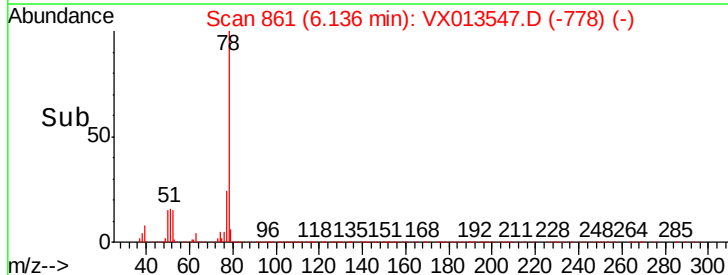
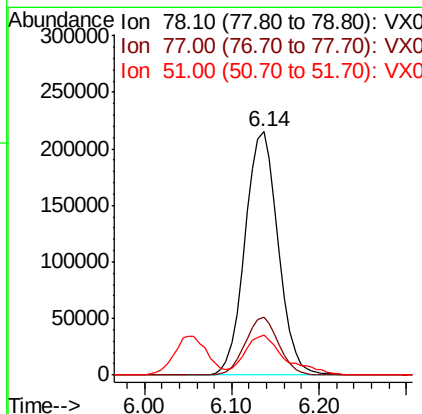
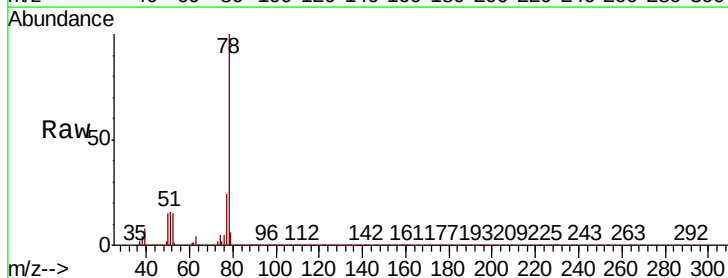
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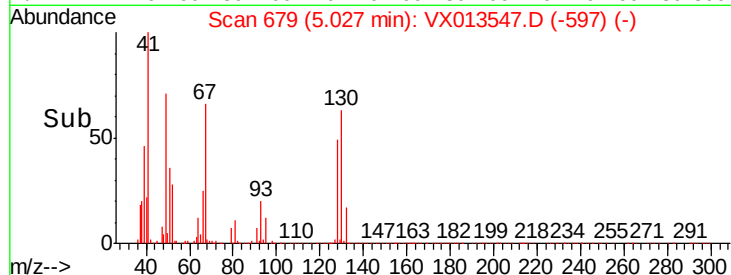
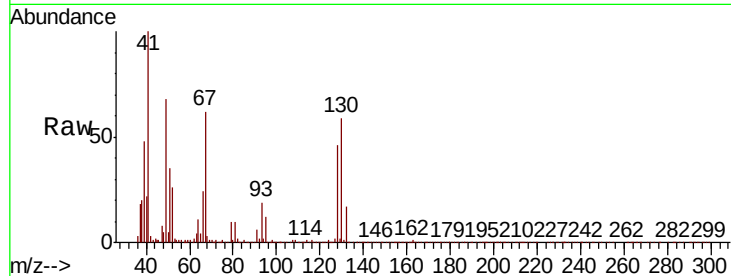
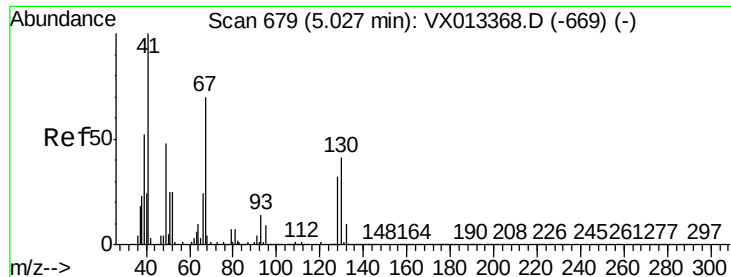
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#34
Benzene
Concen: 19.756 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9
51	15.8	12.2	18.4





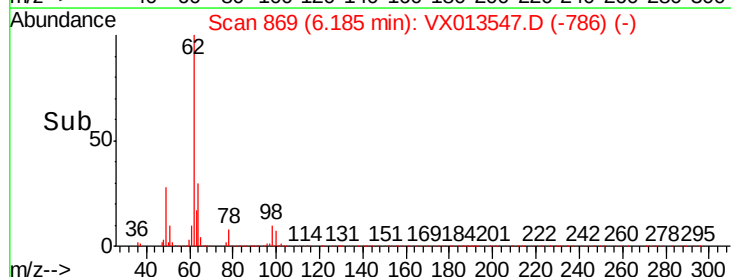
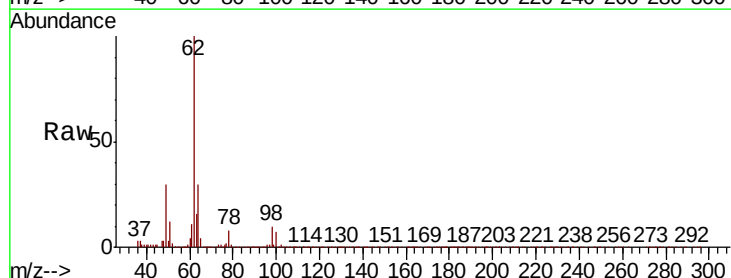
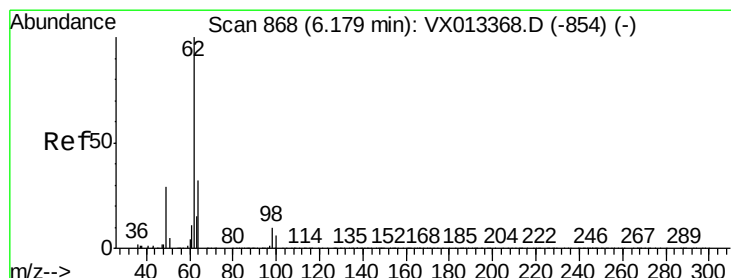
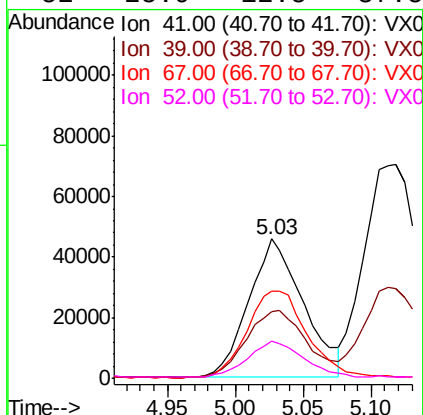
#35
Methacrylonitrile
Concen: 20.423 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	47.8	25.9	77.8		
67	62.5	35.1	105.5		
52	25.9	12.5	37.5		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

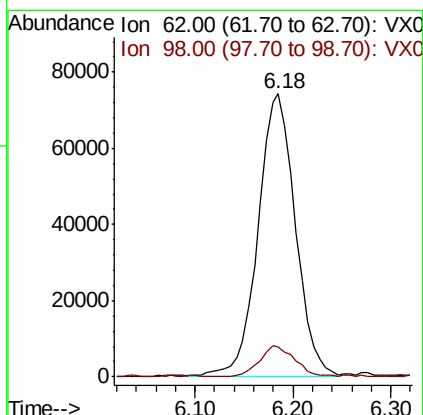
Manual Integrations
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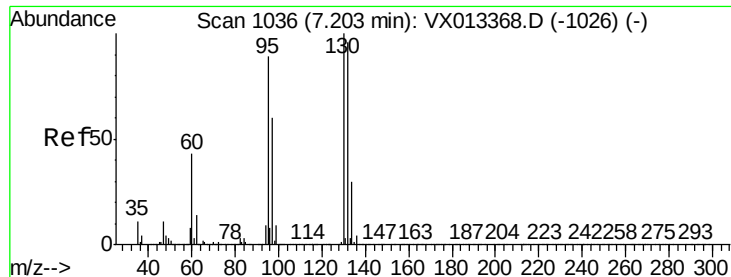
MMDadoda
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#36
1,2-Dichloroethane
Concen: 19.530 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.1	8.2	12.2		





#37

Trichloroethene

Concen: 20.718 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 158667

Ion Ratio Lower Upper

130 100

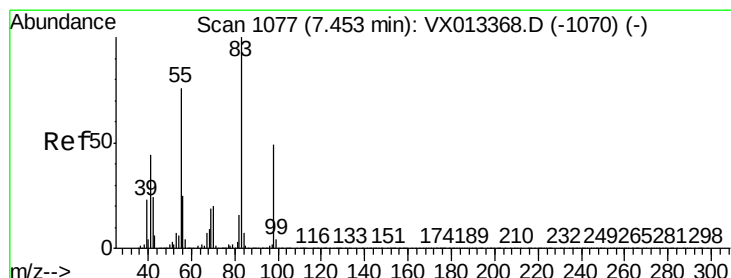
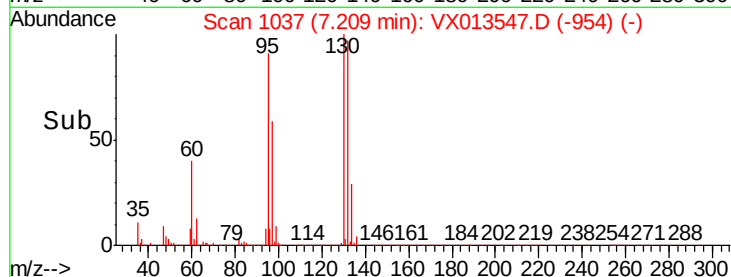
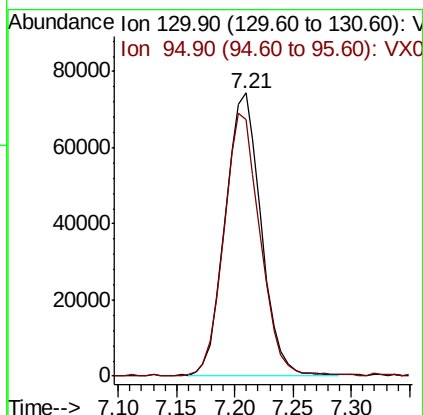
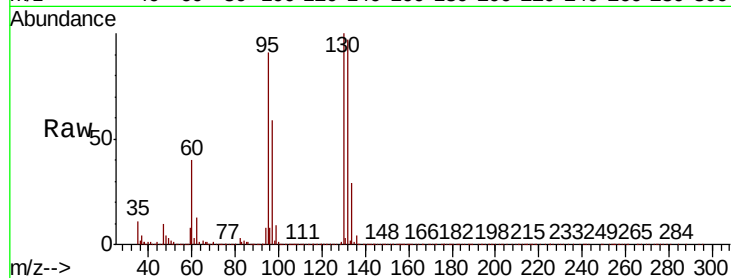
95 90.3 71.3 106.9

Manual Integrations

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#38

Methylcyclohexane

Concen: 19.167 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

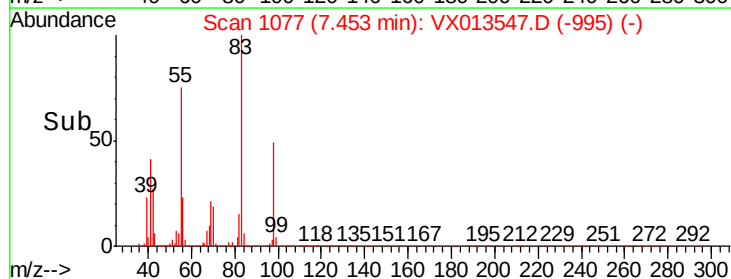
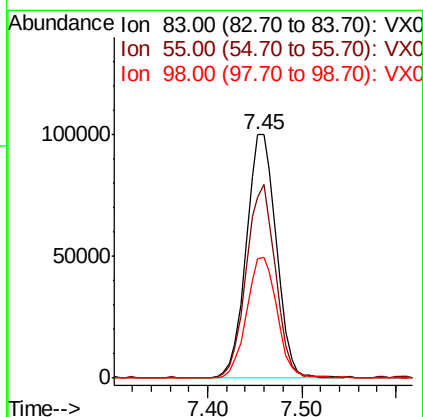
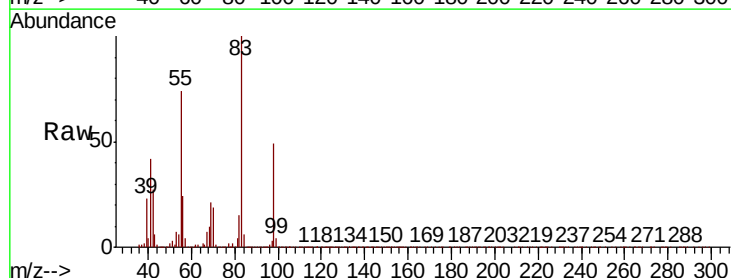
Tgt Ion: 83 Resp: 221494

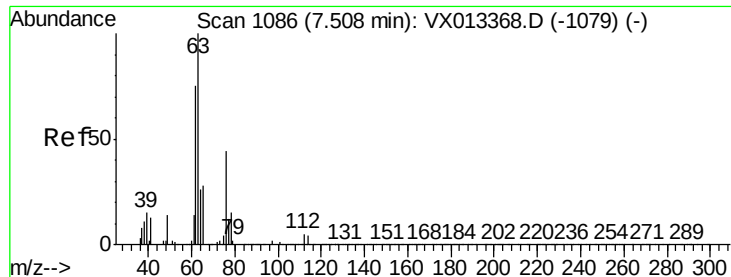
Ion Ratio Lower Upper

83 100

55 76.9 37.9 113.7

98 49.8 25.1 75.3





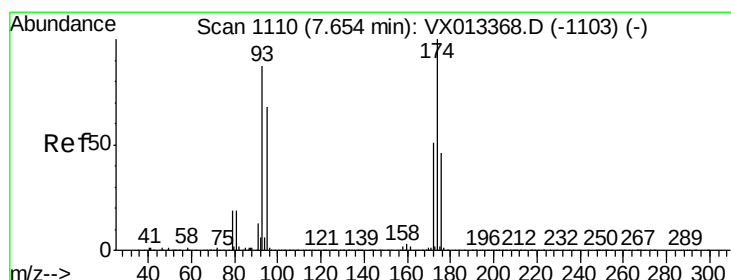
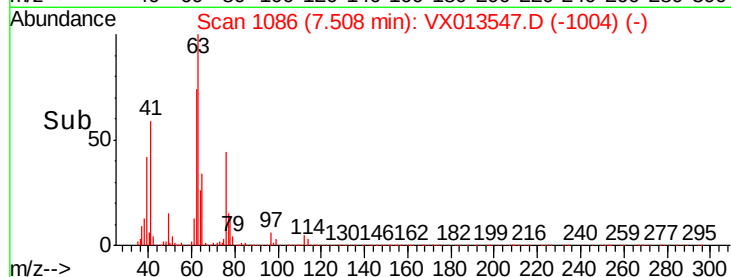
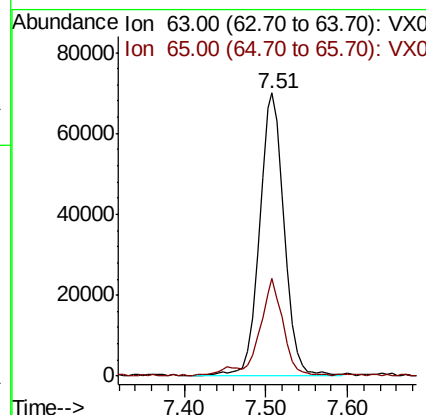
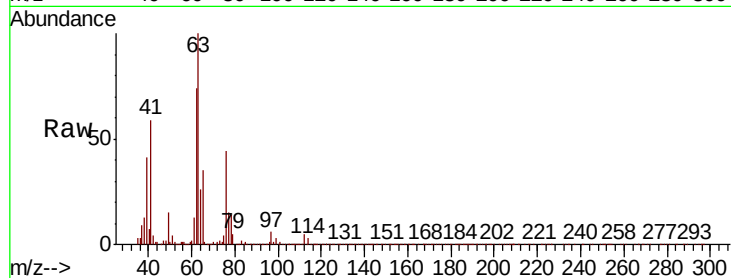
#39
 1,2-Dichloropropane
 Concen: 19.830 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	34.4	23.8	35.8

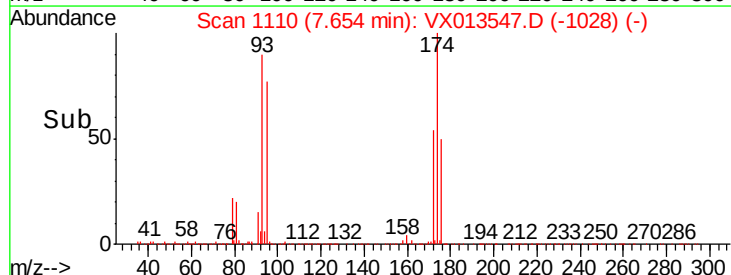
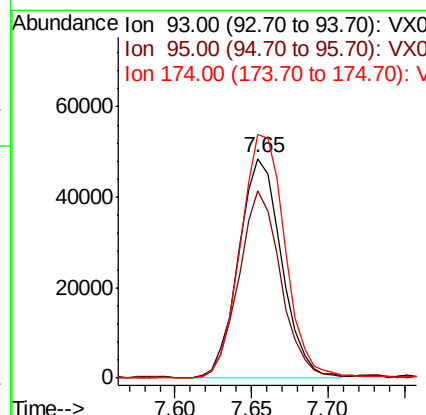
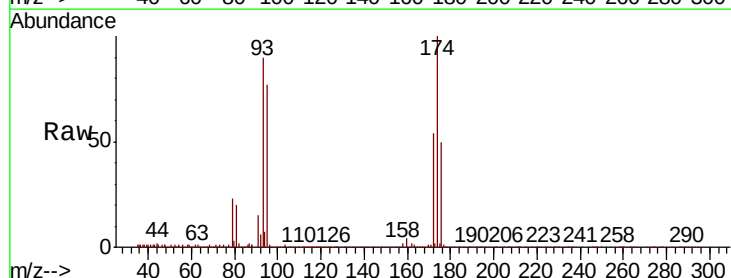
Manual Integrations
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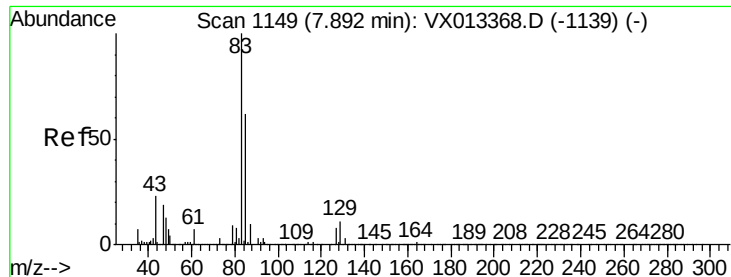
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#40
 Dibromomethane
 Concen: 19.166 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	0.0	160.8
174	115.1	0.0	228.8





#41

Bromodichloromethane

Concen: 18.972 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

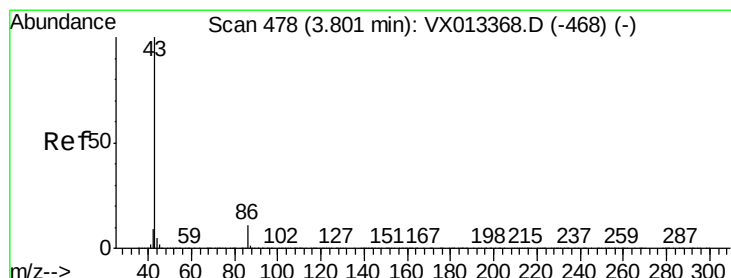
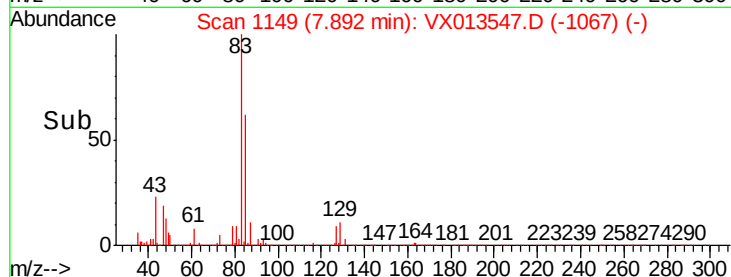
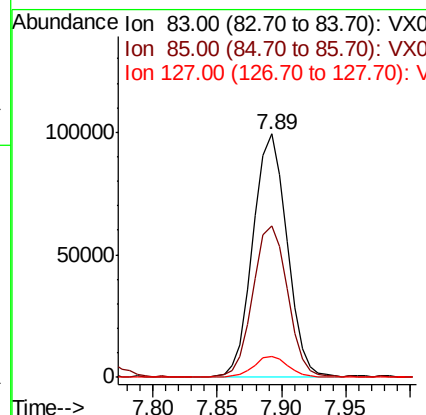
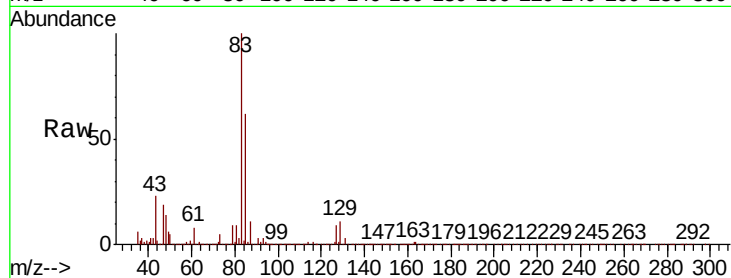
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	182184
Ion Ratio	Lower	Upper	
83	100		
85	62.1	49.3	73.9
127	8.7	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 77.012 ug/l

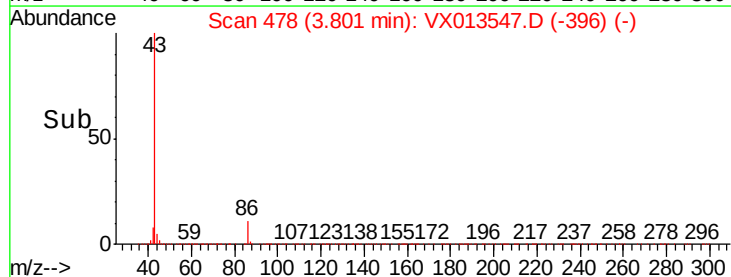
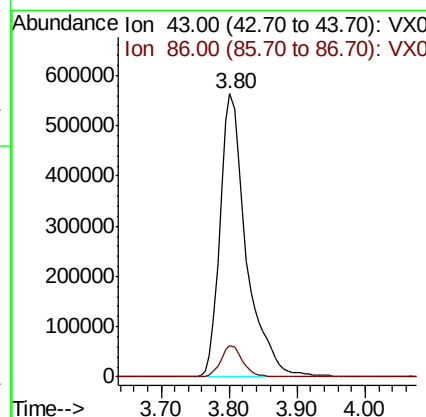
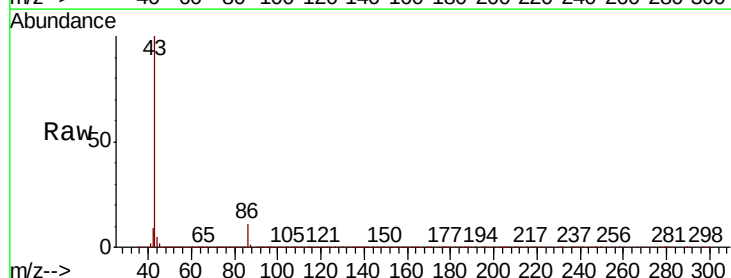
RT: 3.80 min Scan# 478

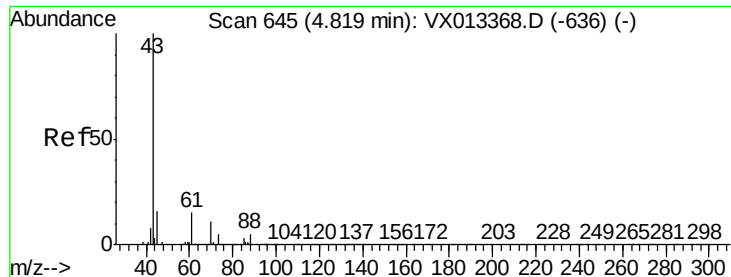
Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Tgt Ion:	43	Resp:	1508325
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.6	11.4





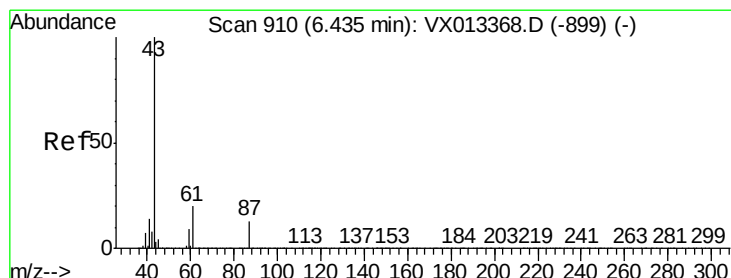
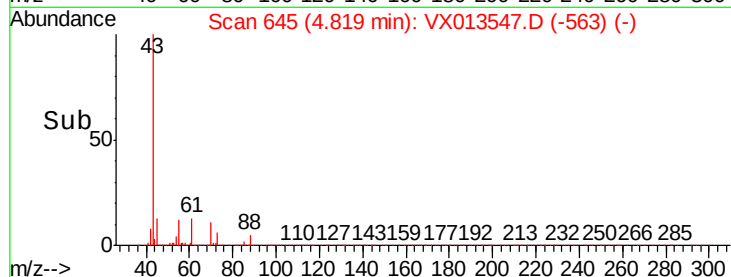
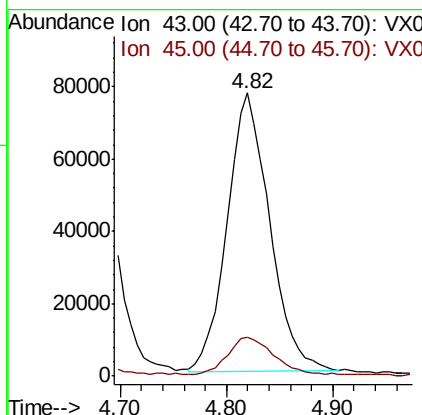
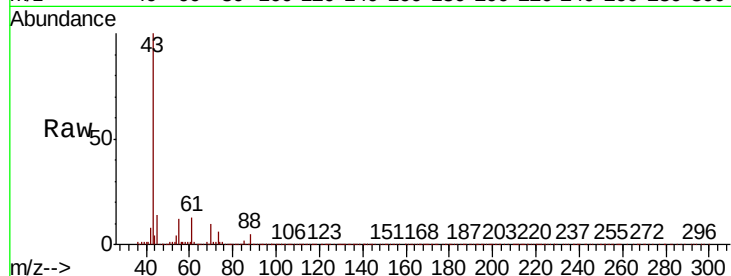
#43
Ethyl Acetate
Concen: 18.870 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.1	10.9	16.3

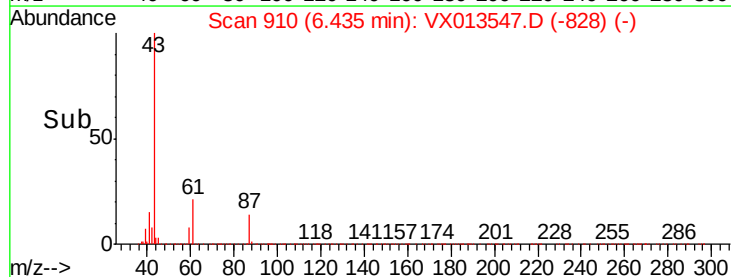
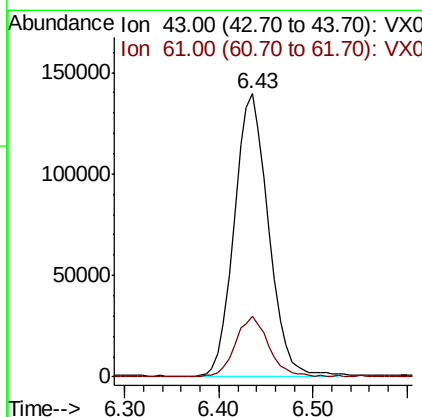
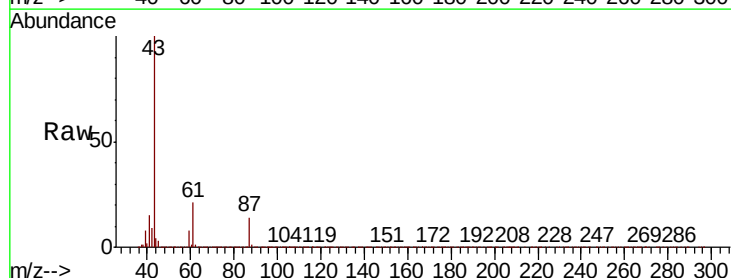
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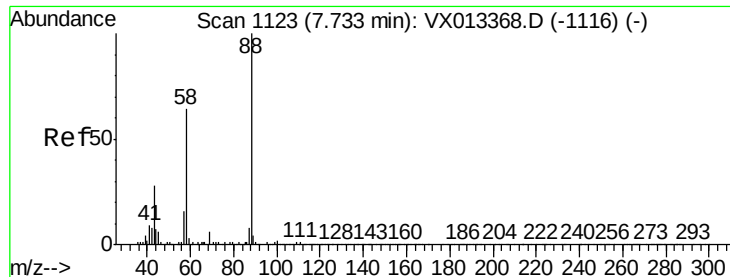
MMDadoda
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#44
Isopropyl Acetate
Concen: 19.293 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.8	23.8





#45

1,4-Dioxane

Concen: 371.731 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

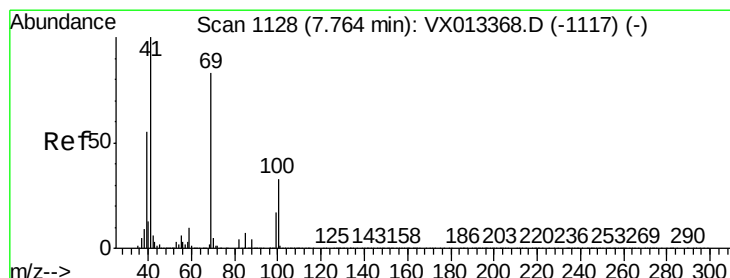
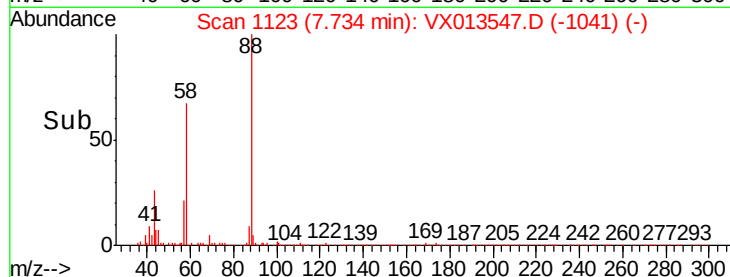
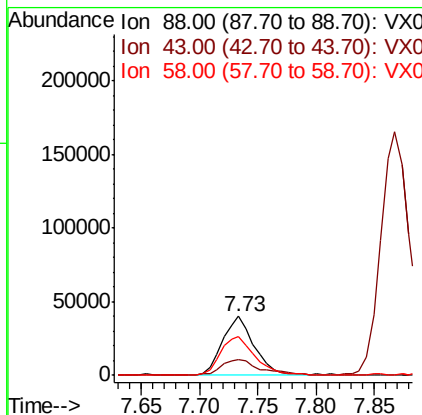
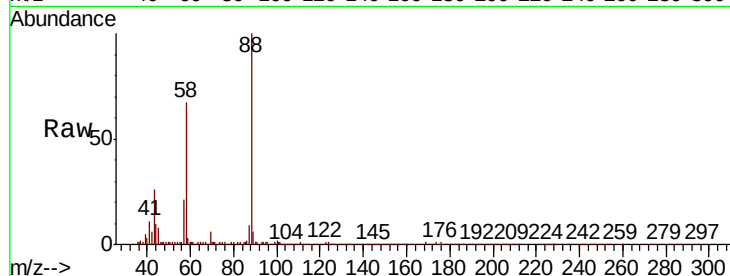
ClientSampleId :

VSTDCCC020EC

Tot Ion:	88	Resp:	74851
Ion	Ratio	Lower	Upper
88	100		
43	30.4	26.1	39.1
58	70.1	55.8	83.8

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#46

Methyl methacrylate

Concen: 19.271 ug/l

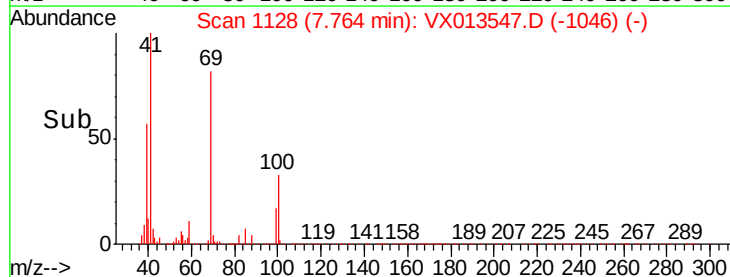
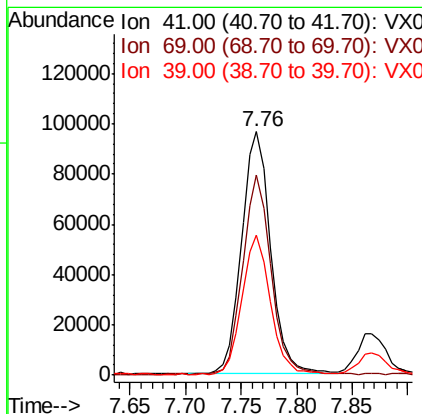
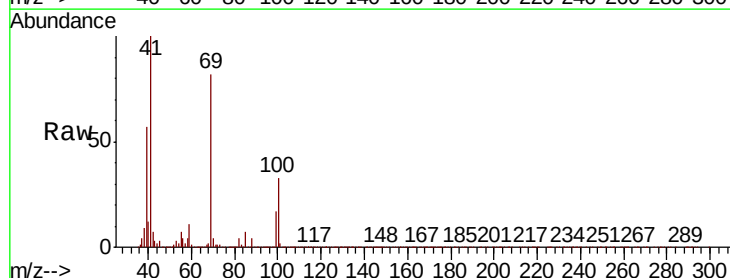
RT: 7.76 min Scan# 1128

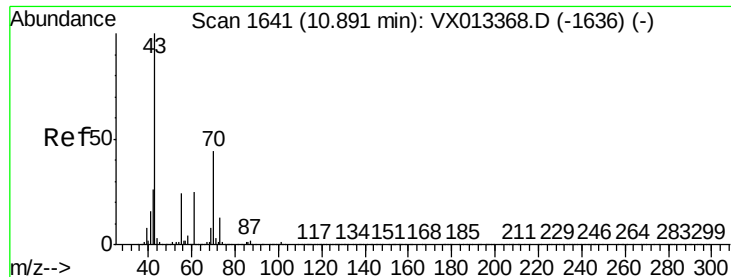
Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Tgt Ion:	41	Resp:	174826
Ion	Ratio	Lower	Upper
41	100		
69	82.1	41.4	124.4
39	57.2	27.9	83.6





#47

n-amvl Acetate

Concen: 18.872 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 301909

Ion Ratio Lower Upper

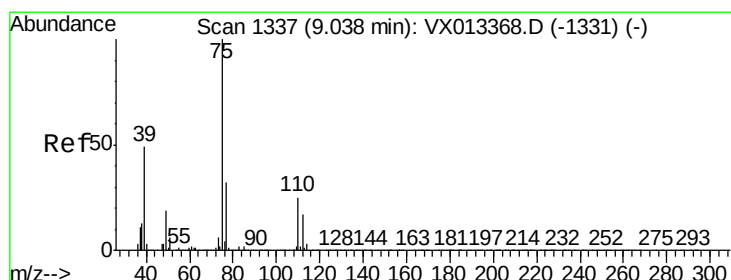
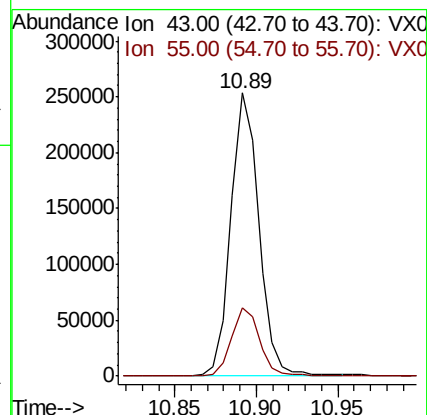
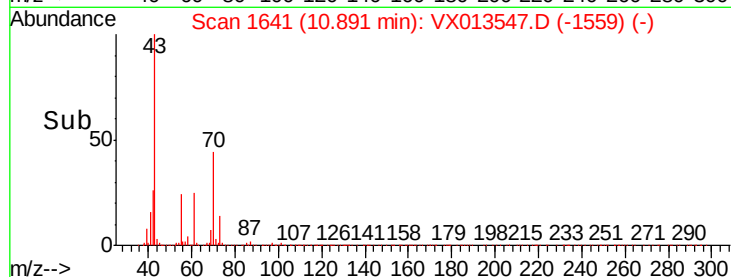
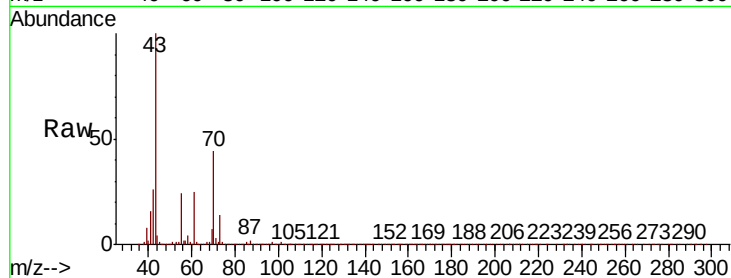
43 100

55 24.2 19.0 28.4

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 17.782 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013547.D

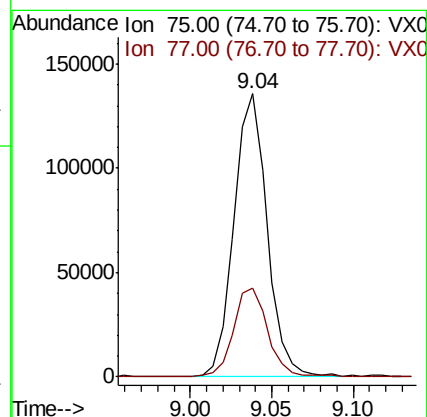
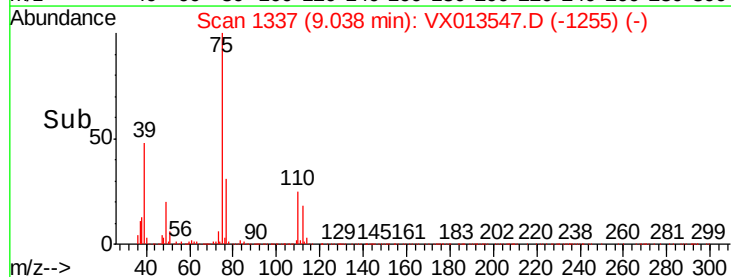
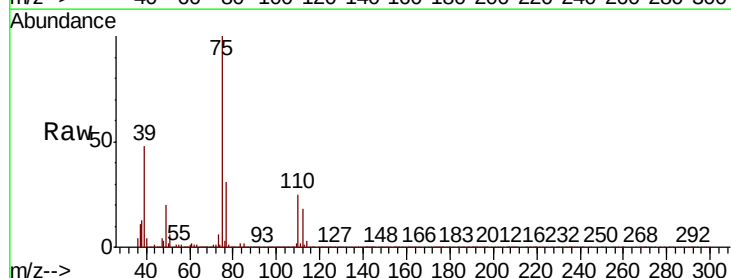
Acq: 22 Nov 2019 20:37

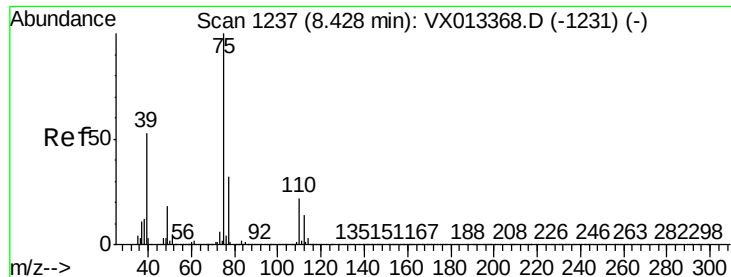
Tgt Ion: 75 Resp: 191474

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9





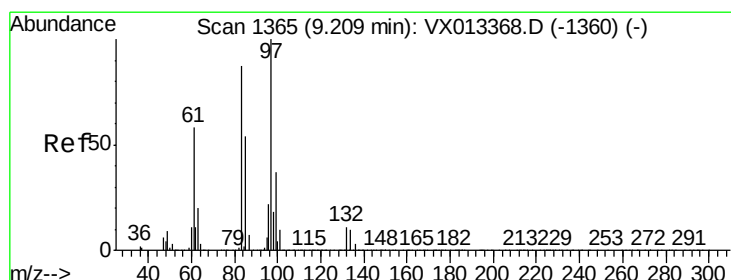
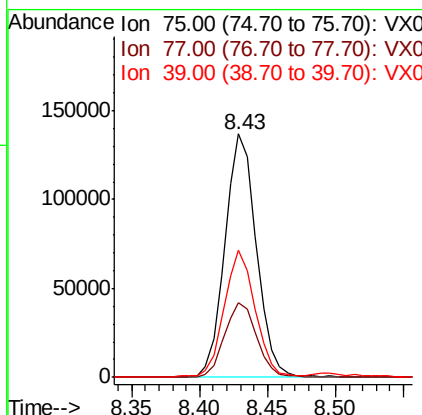
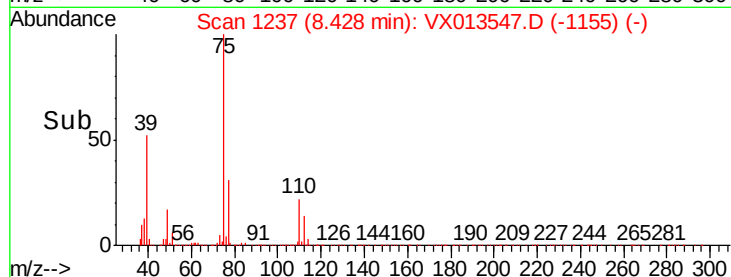
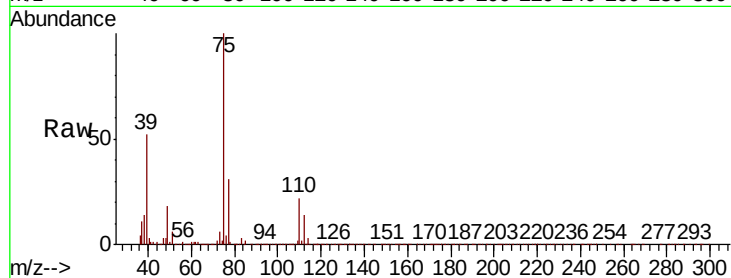
#49
 cis-1,3-Dichloropropene
 Concen: 18.578 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.8	38.8
39	51.8	42.2	63.4

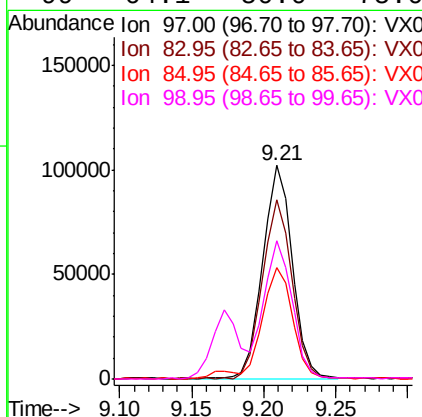
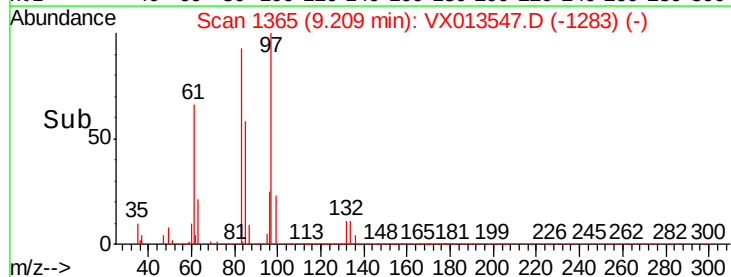
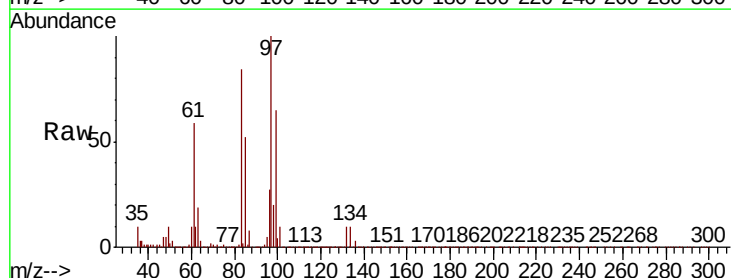
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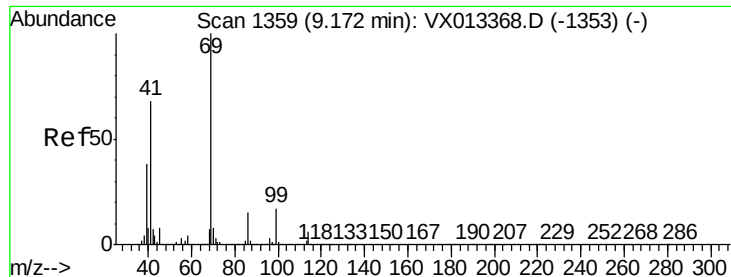
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#50
 1,1,2-Trichloroethane
 Concen: 19.978 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.6	104.4
85	52.2	45.5	68.3
99	64.1	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.154 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

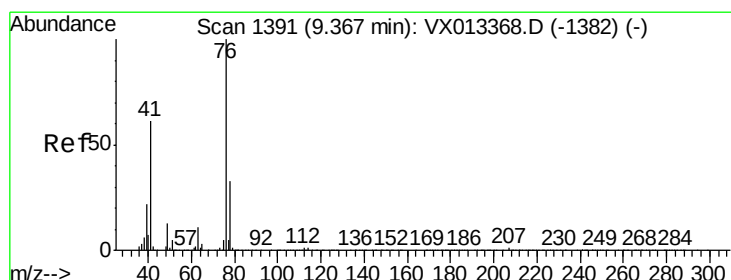
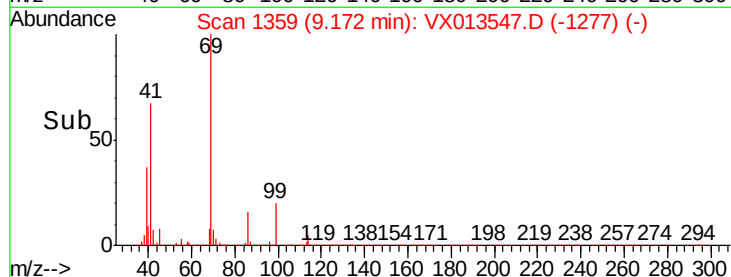
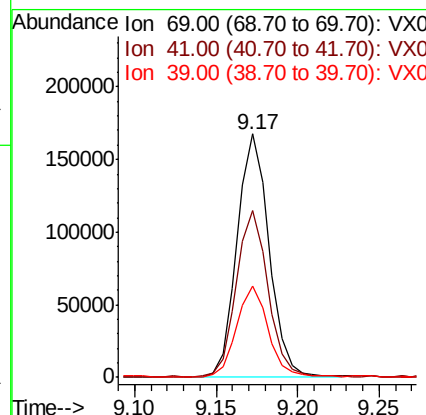
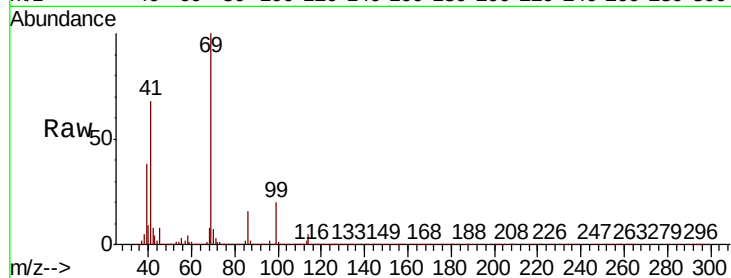
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	229568
Ion	Ratio	Lower	Upper
69	100		
41	68.1	33.9	101.6
39	37.4	18.8	56.4

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#52

1,3-Dichloropropane

Concen: 19.917 ug/l

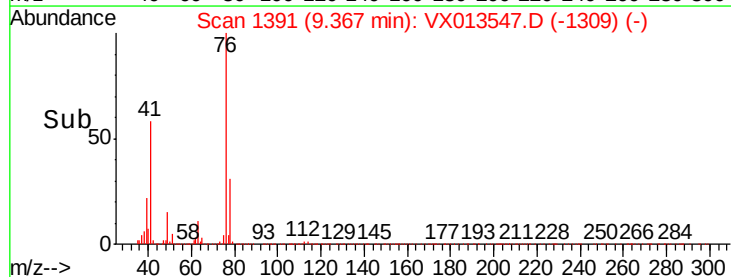
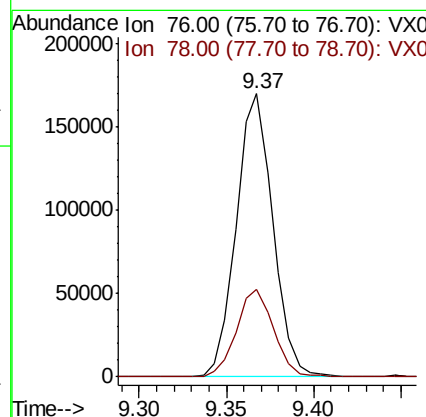
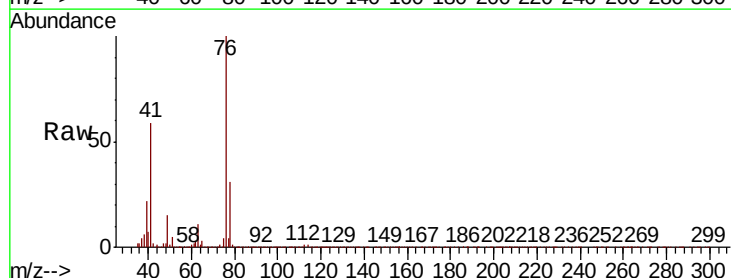
RT: 9.37 min Scan# 1391

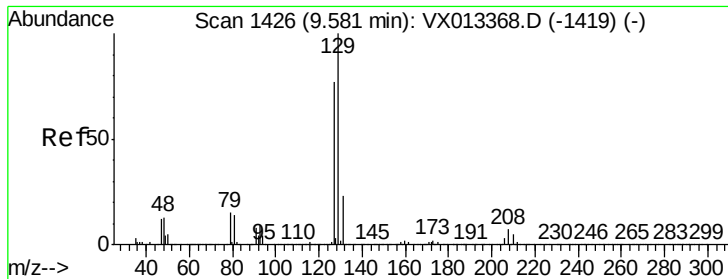
Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Tgt Ion:	76	Resp:	247851
Ion	Ratio	Lower	Upper
76	100		
78	31.3	0.0	63.6





#53

Dibromochloromethane

Concen: 18.815 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013547.D

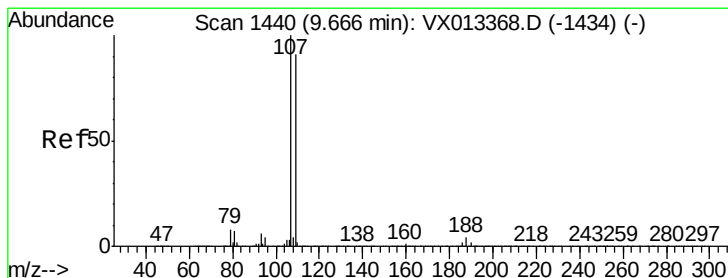
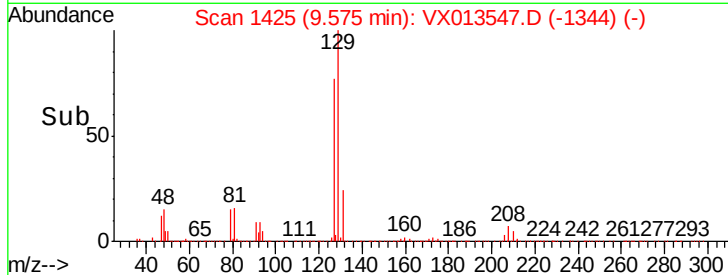
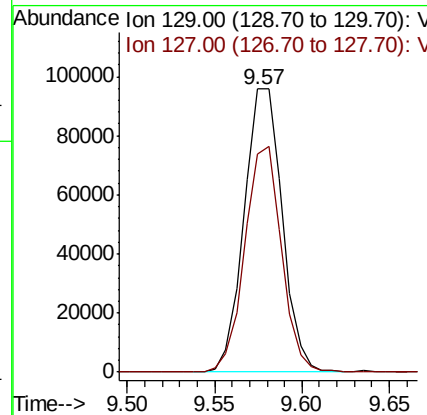
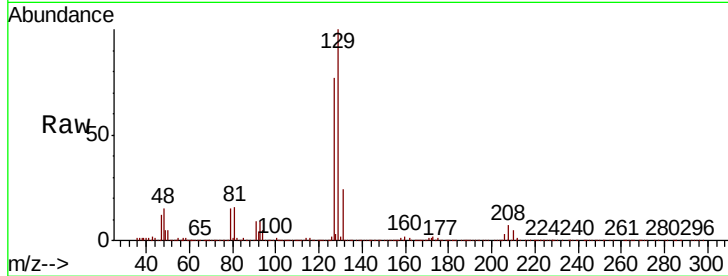
Acq: 22 Nov 2019 20:37

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.7	39.6	119.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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#54

1,2-Dibromoethane

Concen: 19.579 ug/l

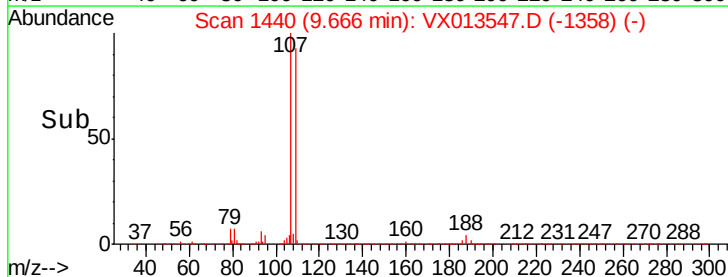
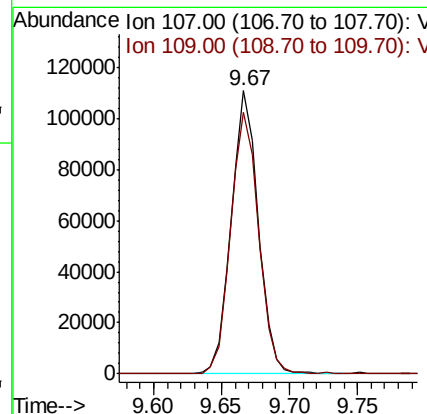
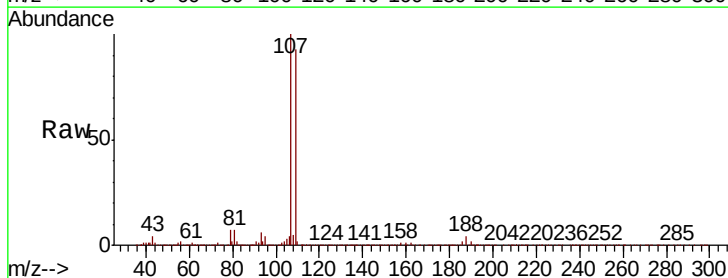
RT: 9.67 min Scan# 1440

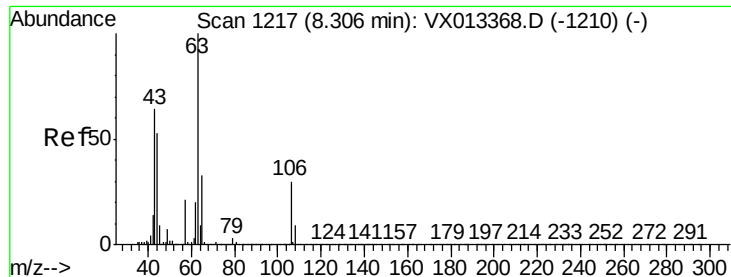
Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.8	73.9	110.9





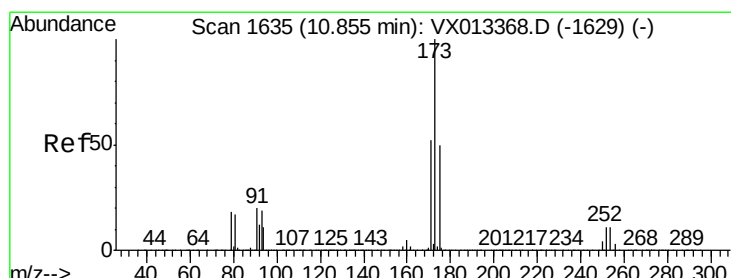
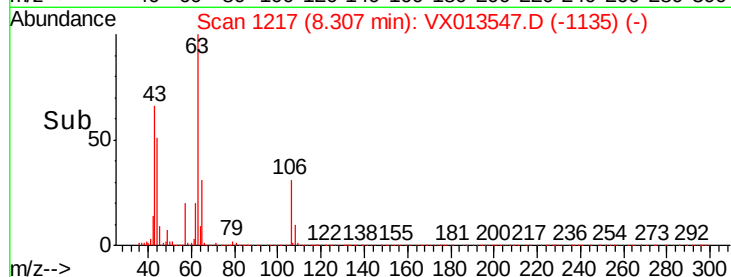
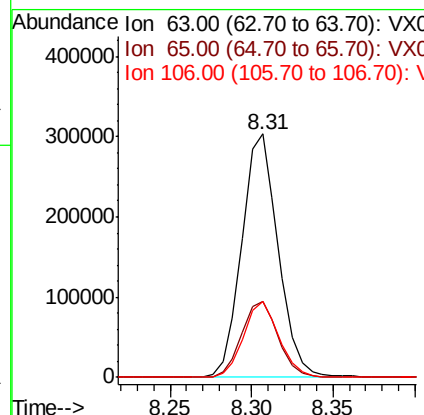
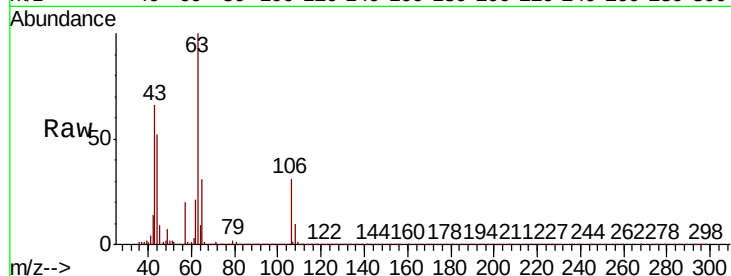
#55
 2-Chloroethyl vinyl ether
 Concen: 91.403 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	26.0	39.0
106	30.3	23.5	35.3

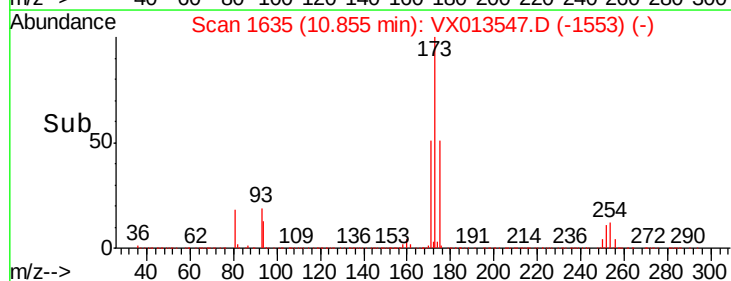
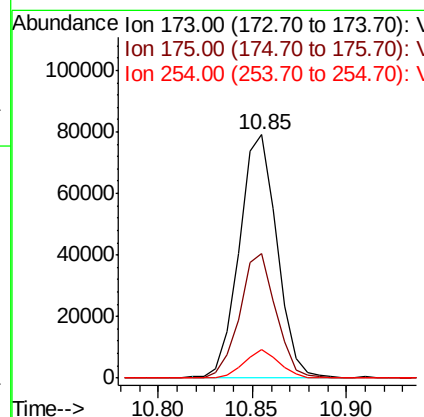
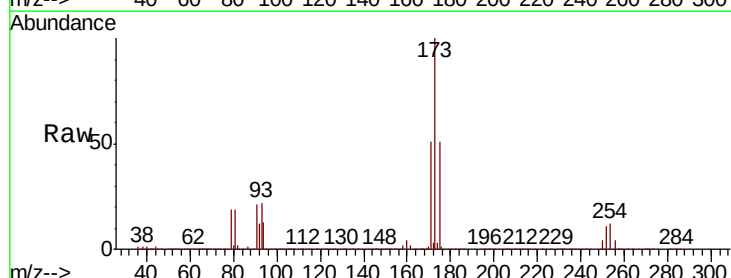
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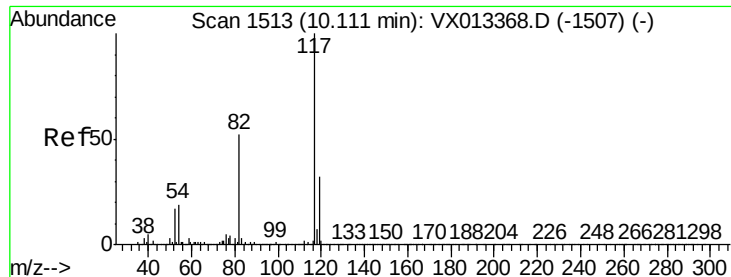
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#56
 Bromoform
 Concen: 17.876 ug/l
 RT: 10.85 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.4	59.0
254	11.1	8.6	12.8





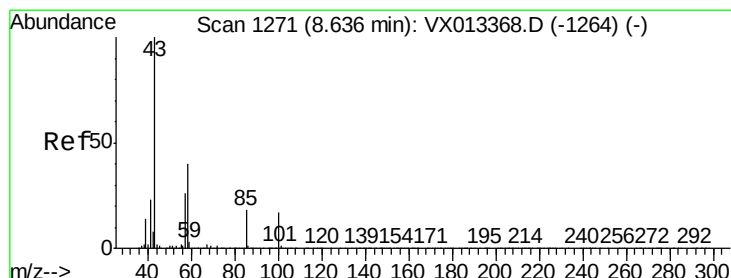
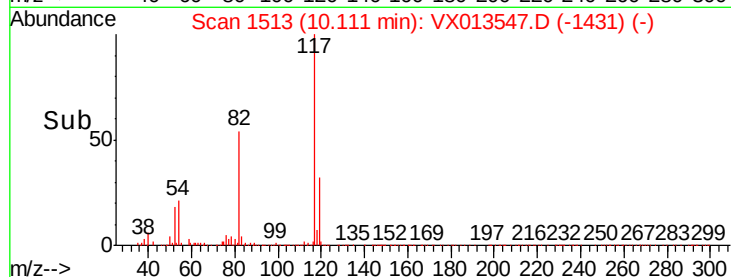
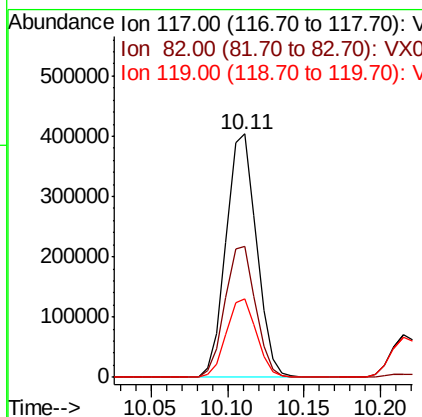
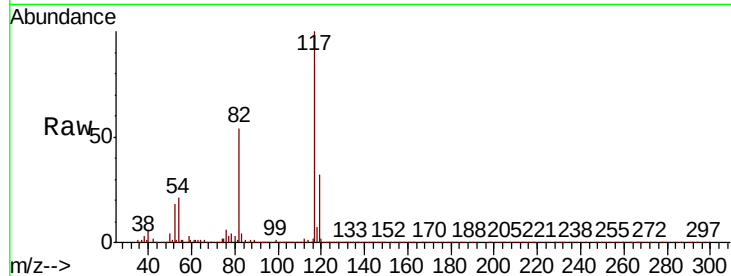
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.7	65.5
119	31.9	25.5	38.3

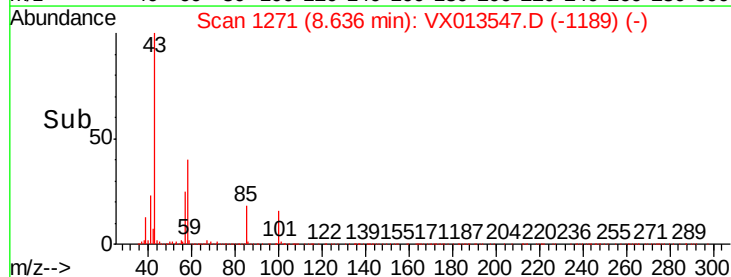
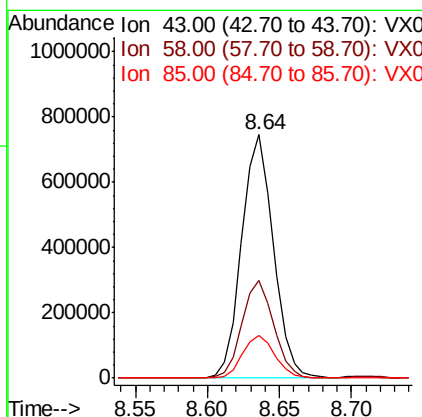
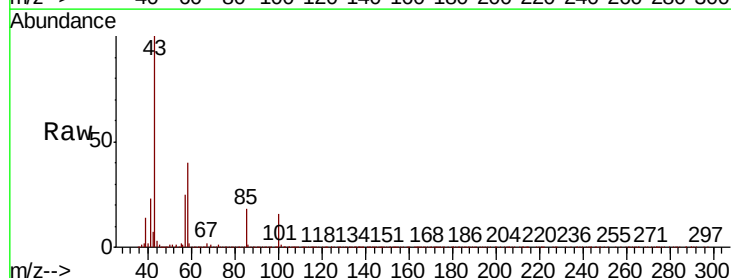
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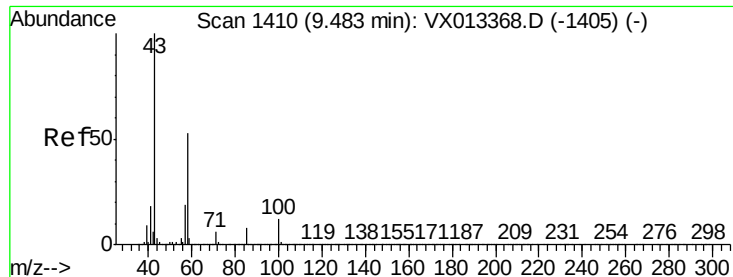
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#58
4-Methyl-2-Pentanone
Concen: 97.607 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.6	47.4
85	17.9	14.2	21.2





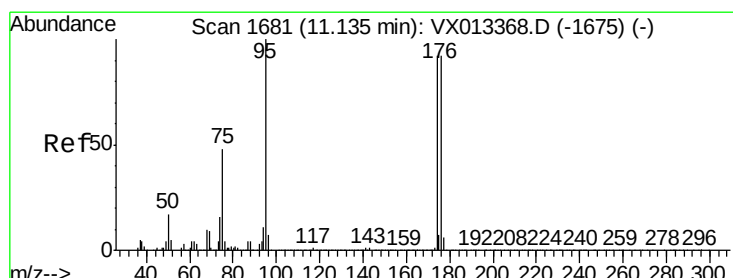
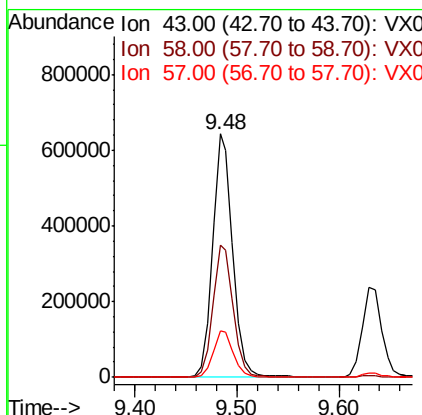
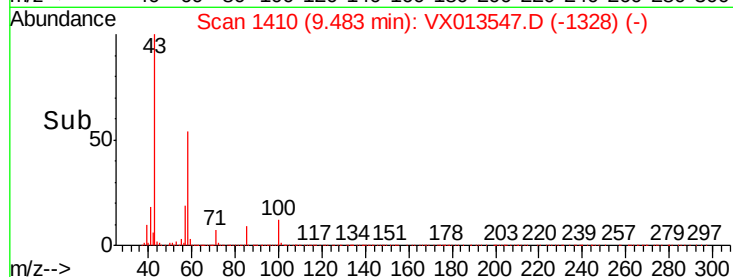
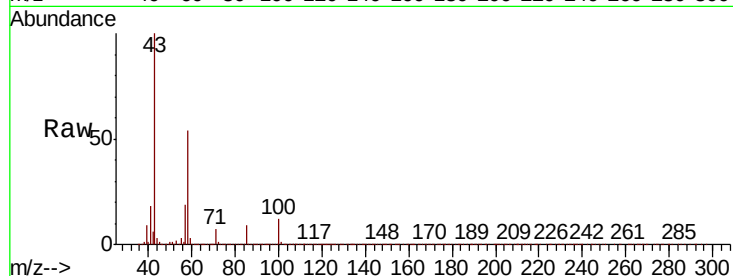
#59
2-Hexanone
Concen: 95.902 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	43.8	65.6
57	18.8	15.1	22.7

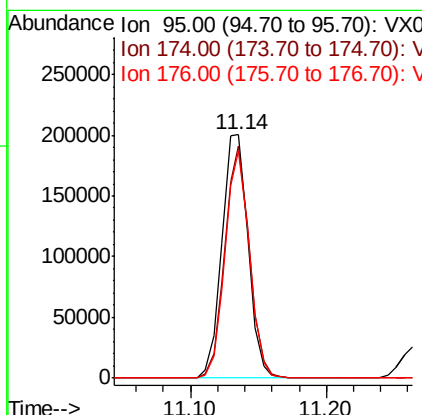
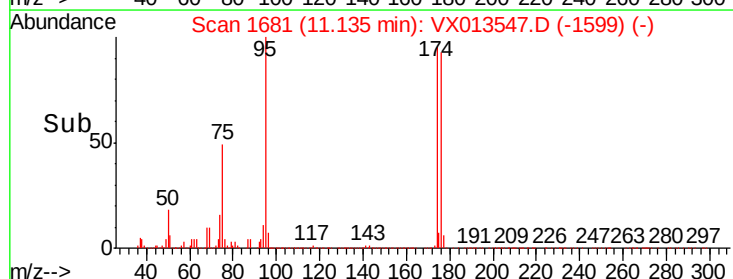
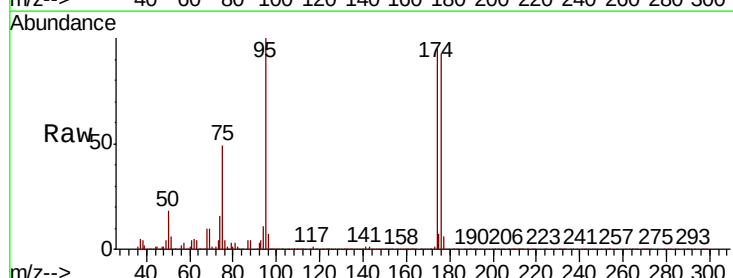
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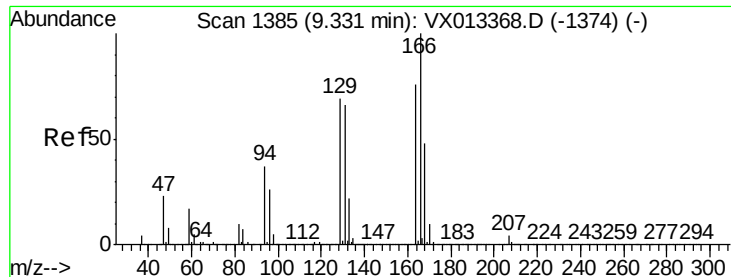
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.796 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.9	70.2	105.2
176	86.7	68.3	102.5





#61

Tetrachloroethene

Concen: 30.557 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

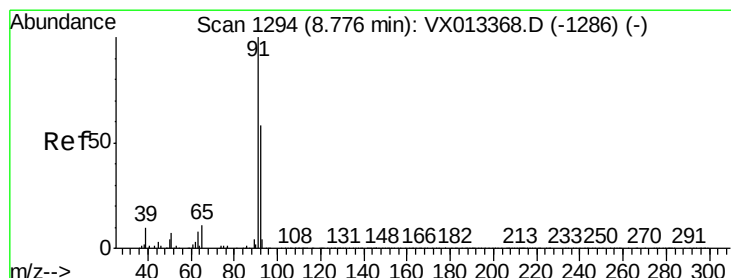
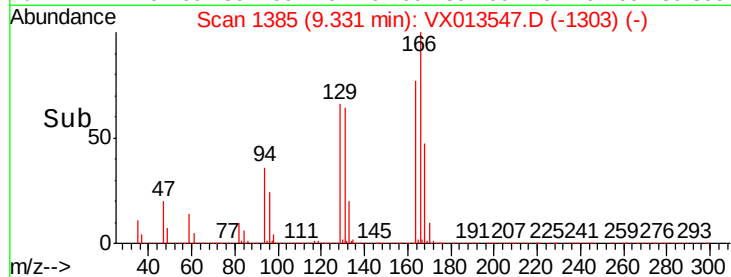
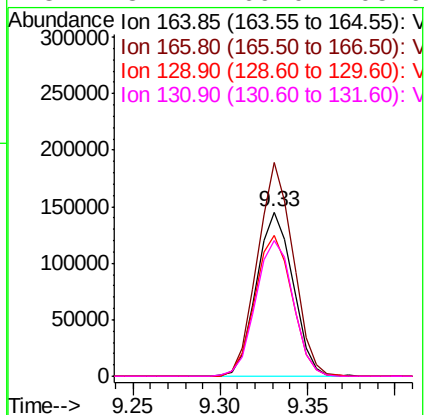
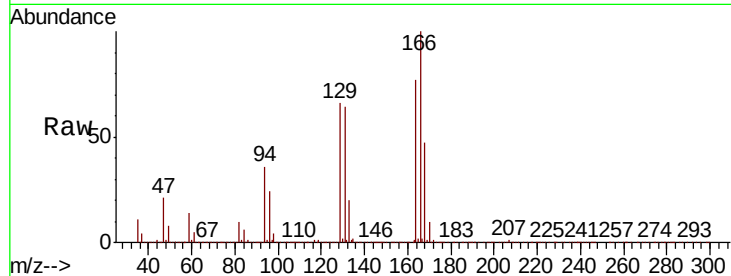
ClientSampleId :

VSTDCCC020EC

Tot Ion:	164	Resp:	210720
Ion Ratio	Lower	Upper	
164	100		
166	129.9	104.9	157.3
129	86.0	72.3	108.5
131	82.7	69.0	103.6

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#62

Toluene

Concen: 19.531 ug/l

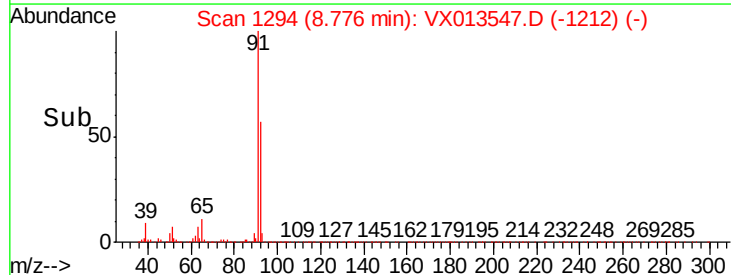
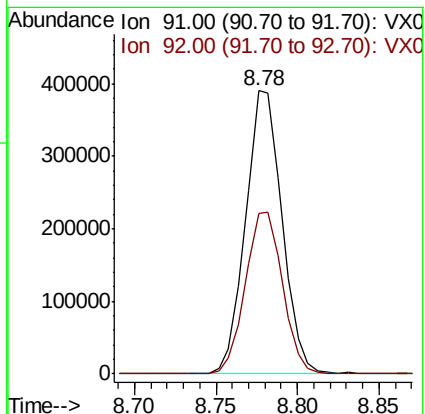
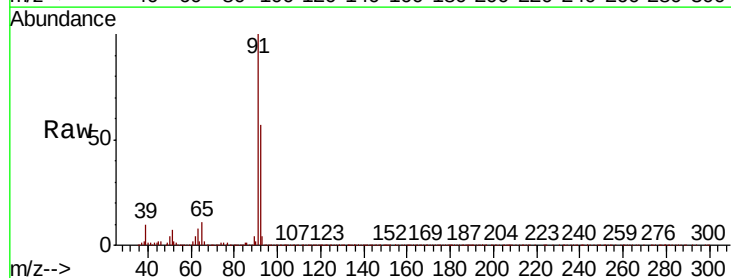
RT: 8.78 min Scan# 1294

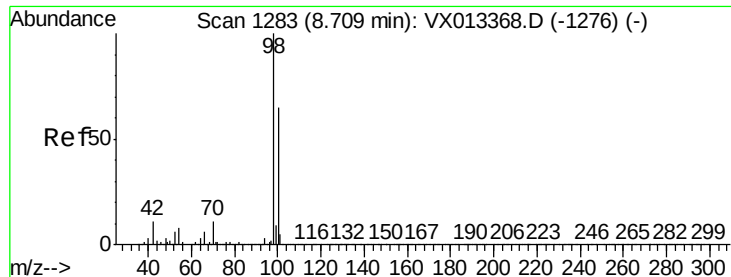
Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Tgt Ion:	91	Resp:	608391
Ion Ratio	Lower	Upper	
91	100		
92	58.4	46.6	69.8





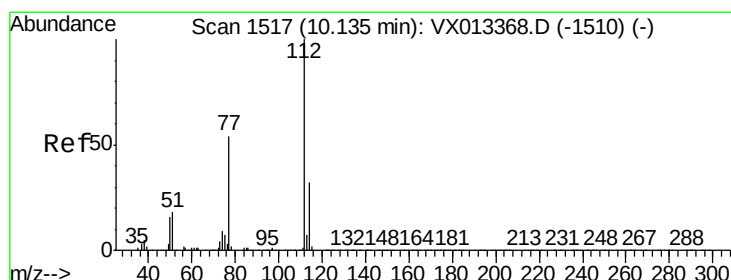
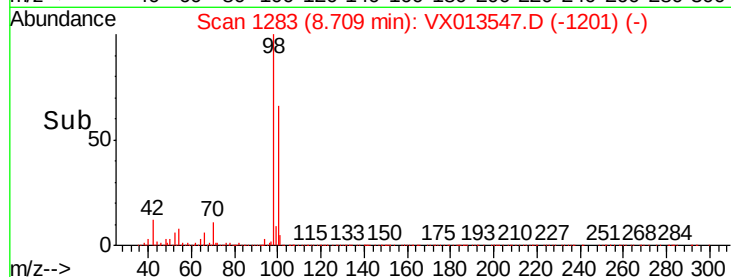
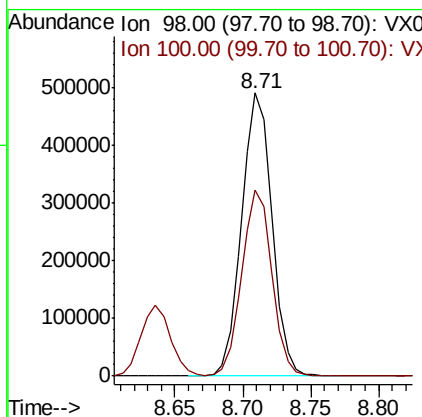
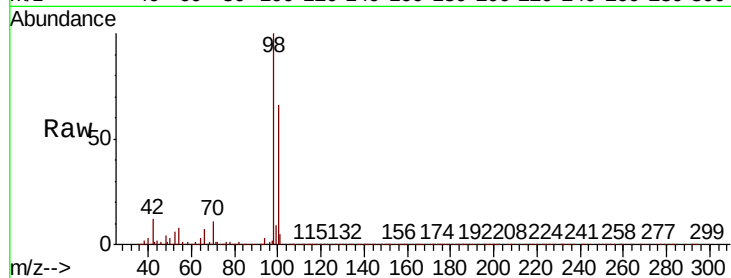
#63
Toluene-d8
Concen: 30.331 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	64.8	52.5	78.7	

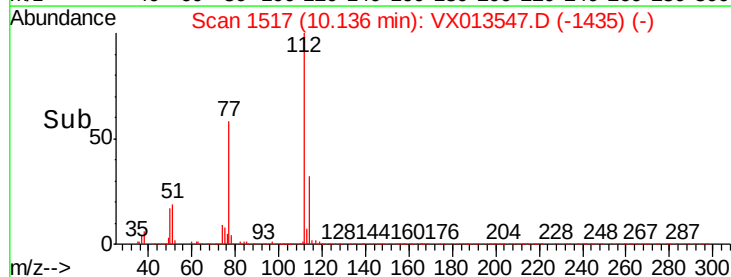
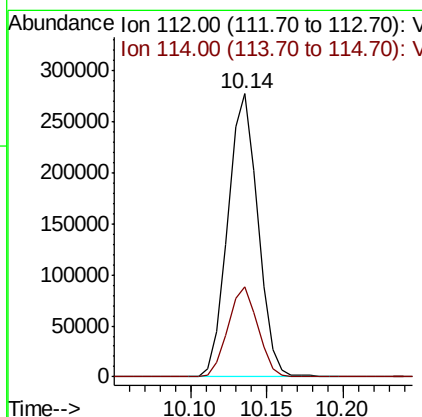
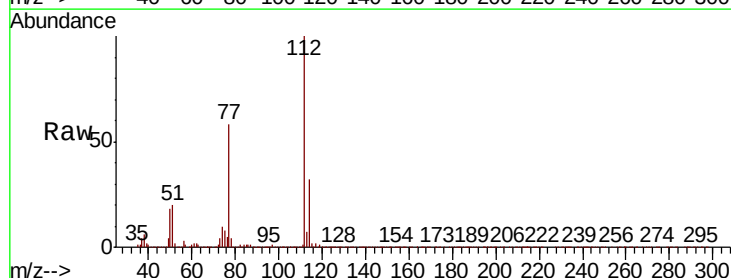
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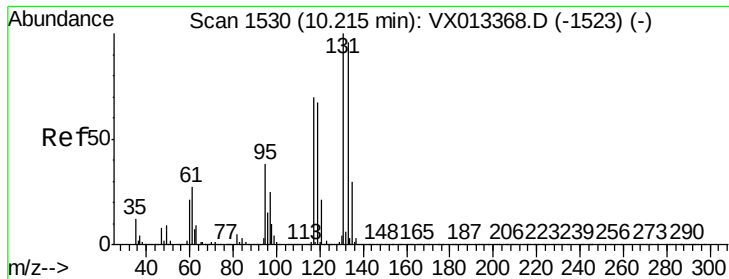
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#64
Chlorobenzene
Concen: 19.419 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ion	Ratio	Lower	Upper
112	100			
114	31.8	25.7	38.5	





#65

1,1,1,2-Tetrachloroethane

Concen: 19.340 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

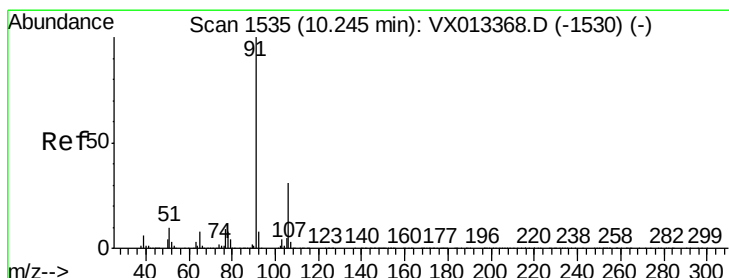
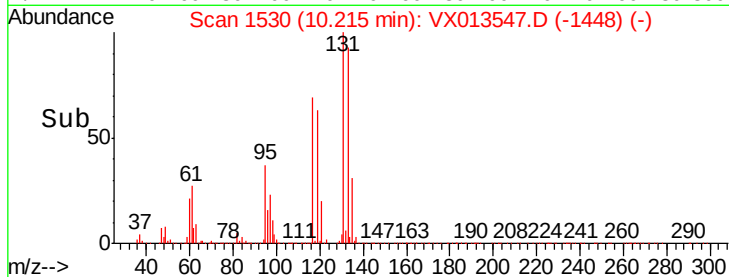
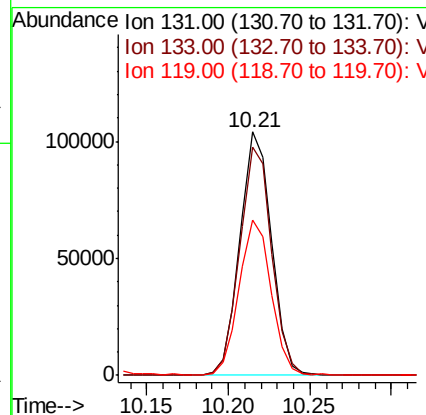
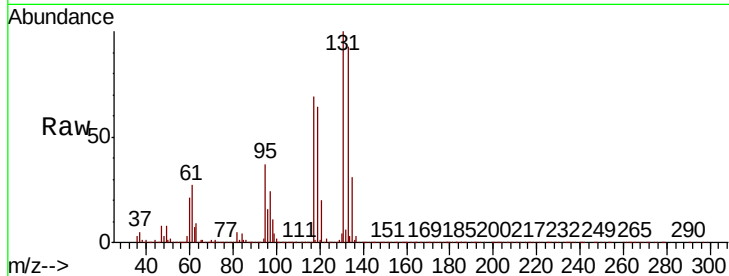
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
131	100	141003		
133	94.2	0.0	192.2	
119	64.3	0.0	134.4	

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#66

Ethyl Benzene

Concen: 19.347 ug/l

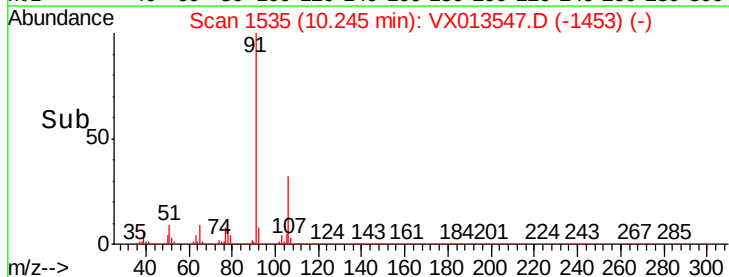
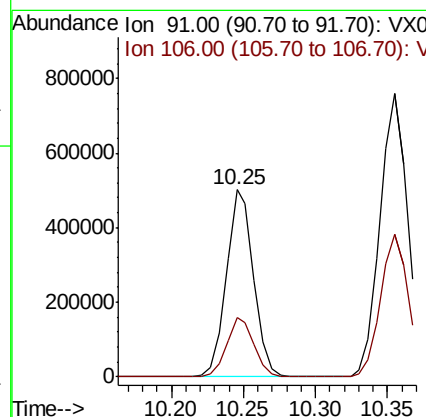
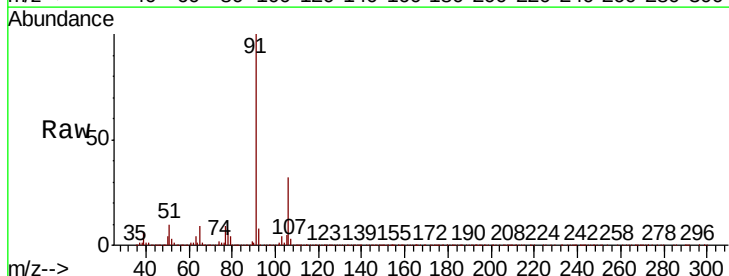
RT: 10.25 min Scan# 1535

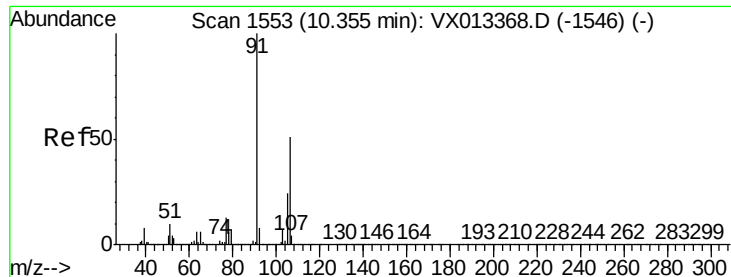
Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	662097		
106	31.7	25.0	37.4	





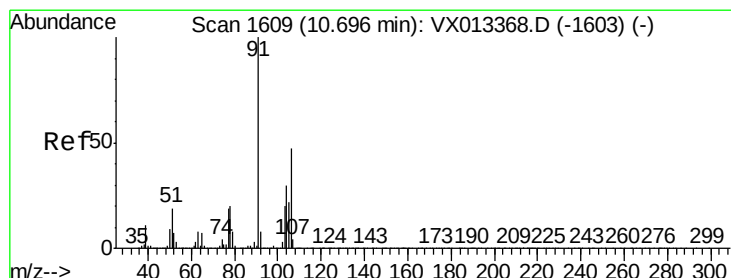
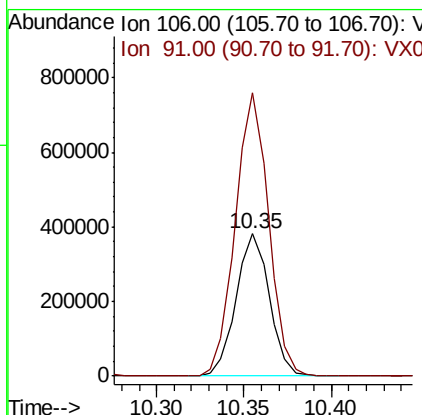
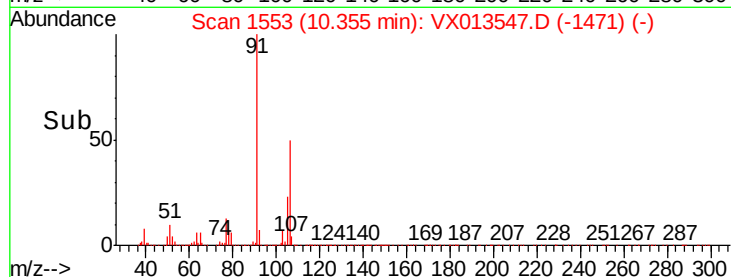
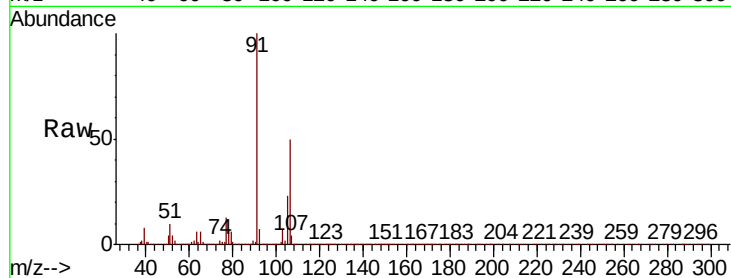
#67
m/p-Xylenes
Concen: 38.292 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	198.4	158.4	237.6

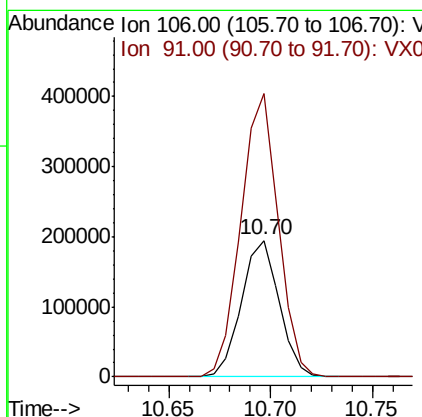
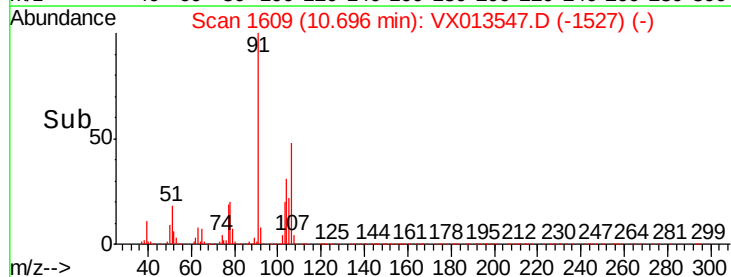
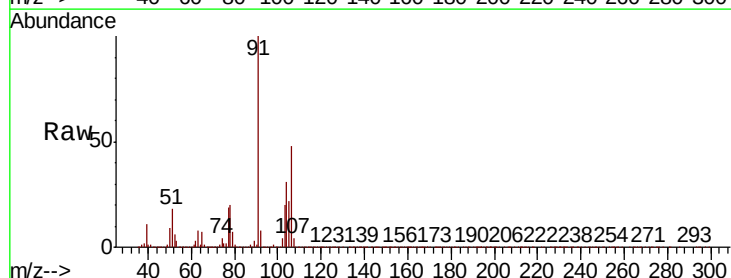
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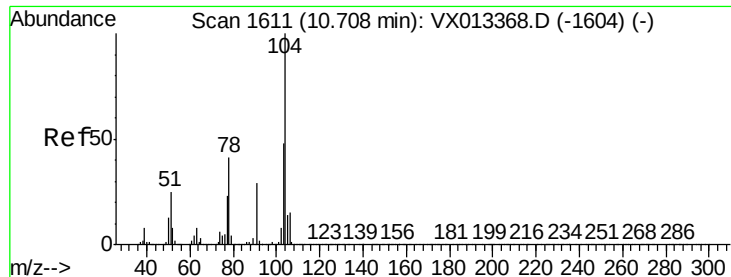
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#68
o-Xylene
Concen: 19.586 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.3	106.4	319.2





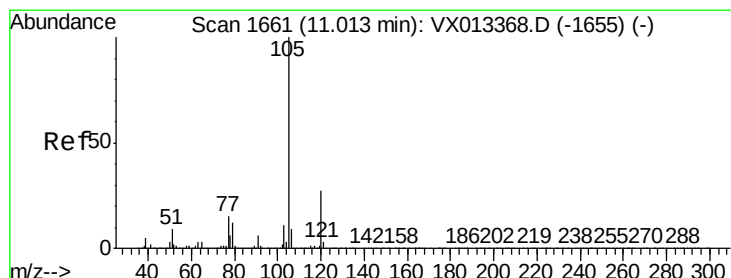
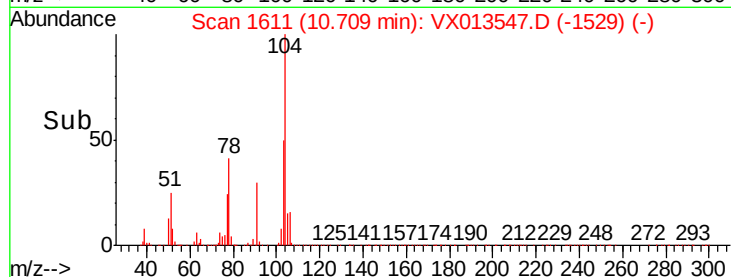
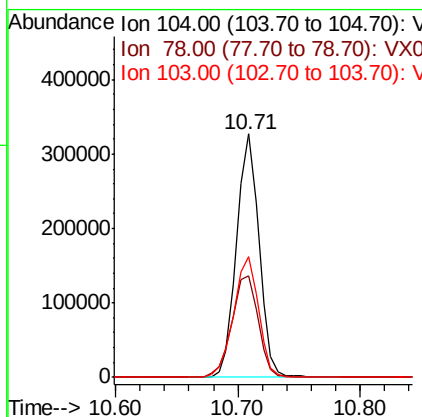
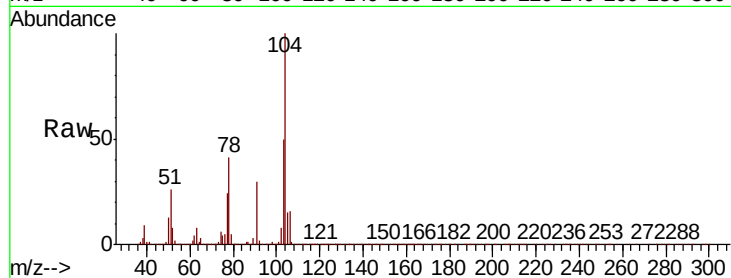
#69
Stvrene
Concen: 19.022 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
104	100	413801		
78	49.0		38.2	57.4
103	54.9		43.2	64.8

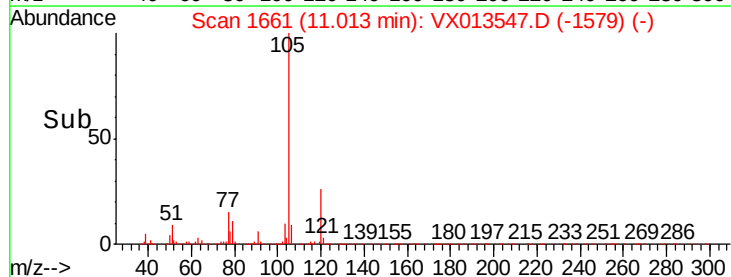
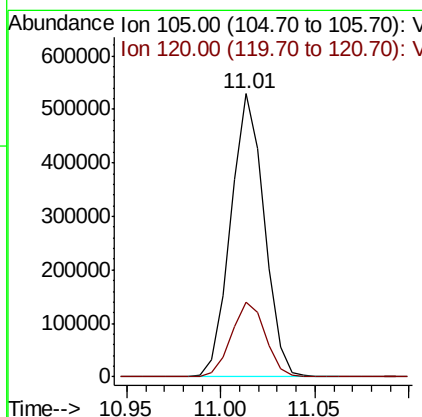
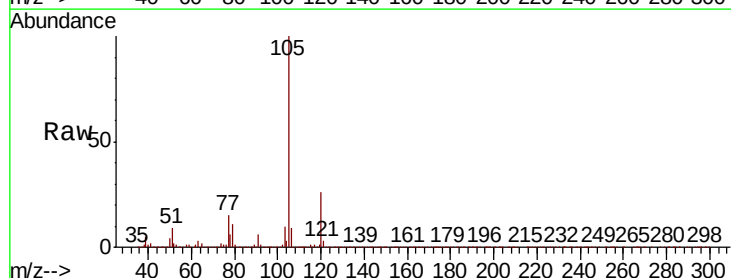
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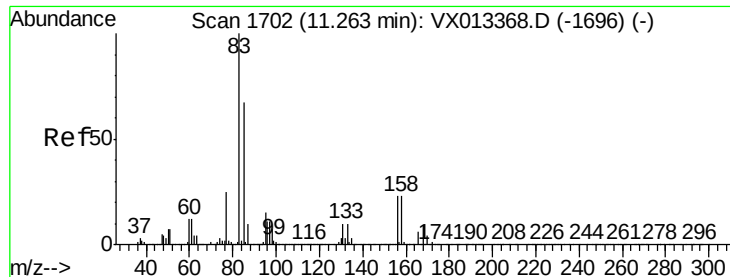
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#70
Isopropylbenzene
Concen: 19.439 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	652560		
120	26.9		18.8	34.8





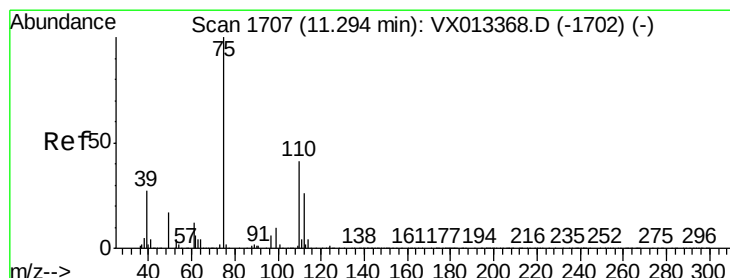
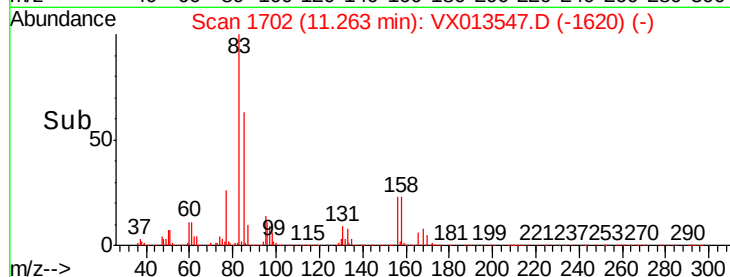
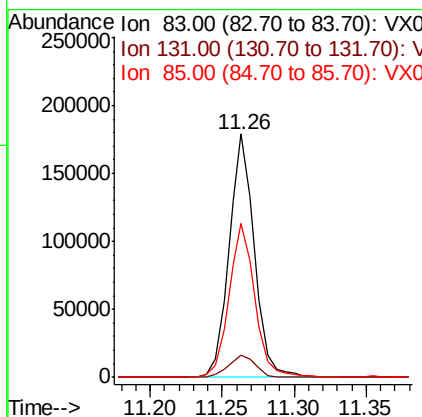
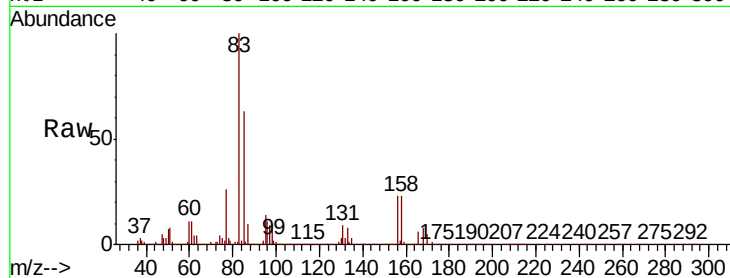
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.270 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	219609		
131	9.7	4.7	14.1	
85	64.8	32.6	97.7	

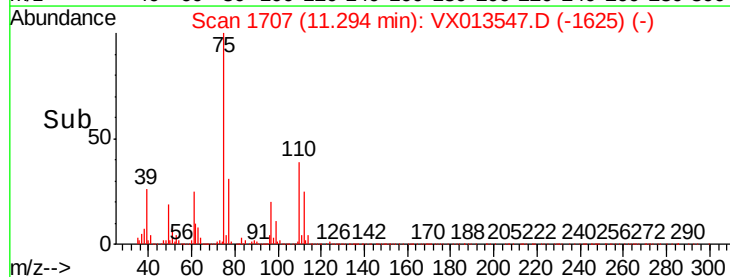
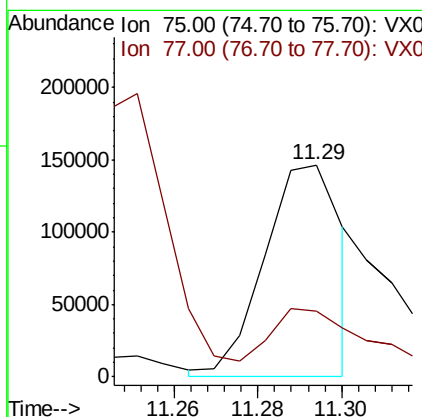
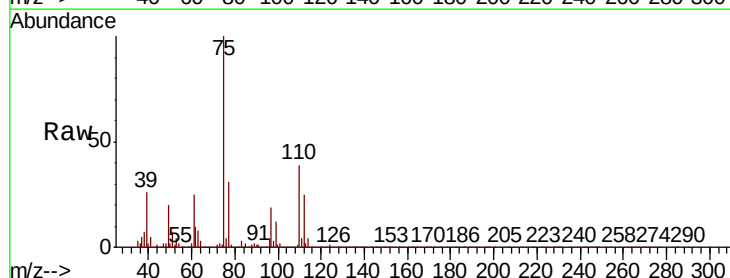
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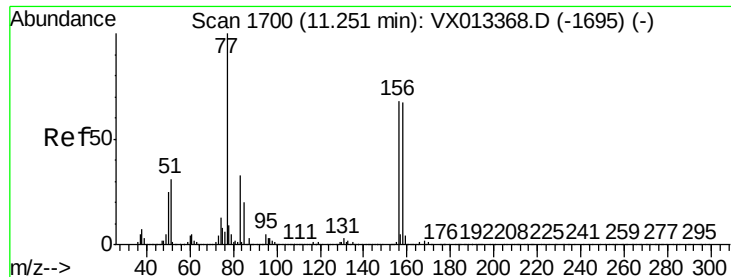
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#72
 1,2,3-Trichloropropane
 Concen: 18.482 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	187578		
77	39.8	0.0	86.2	





#73

Bromobenzene

Concen: 19.101 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

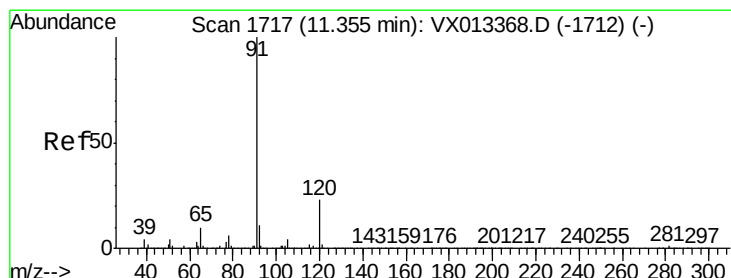
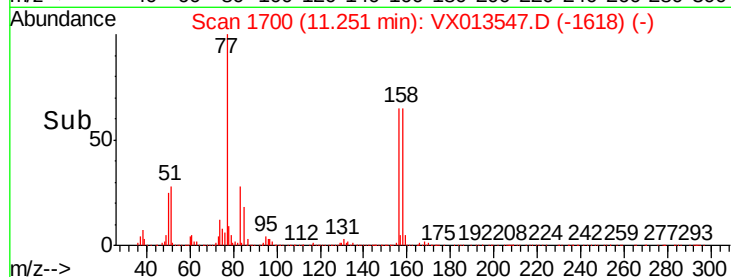
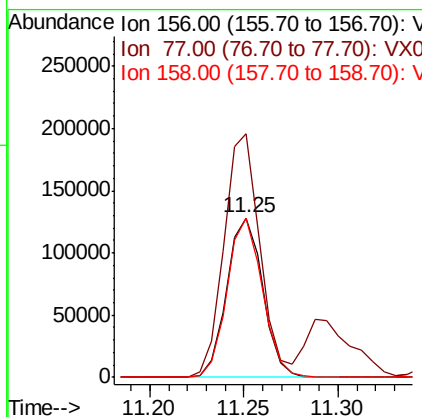
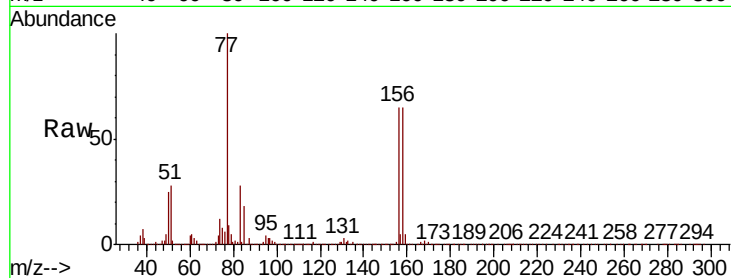
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	169103
Ion Ratio	Lower	Upper	
156	100		
77	152.9	0.0	308.8
158	98.0	0.0	197.0

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#74

n-propylbenzene

Concen: 19.343 ug/l

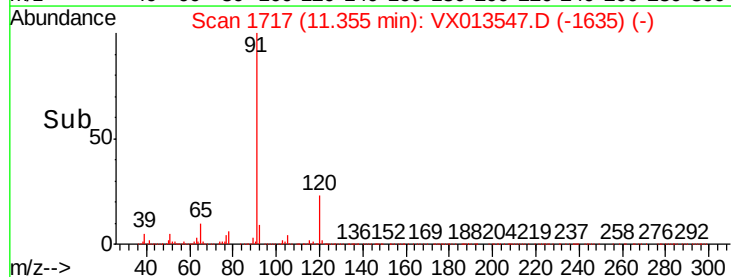
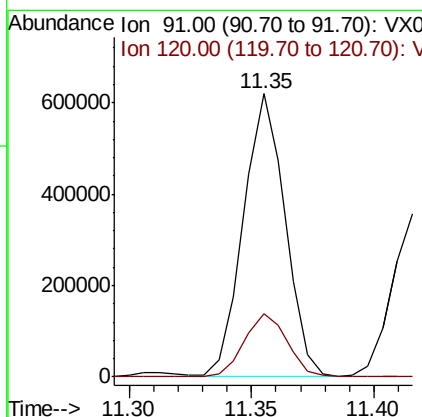
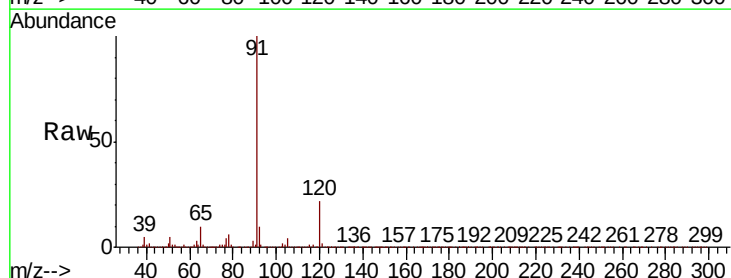
RT: 11.35 min Scan# 1717

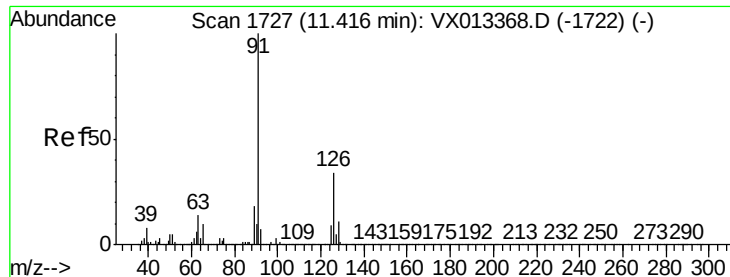
Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Tgt Ion:	91	Resp:	737939
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	46.2





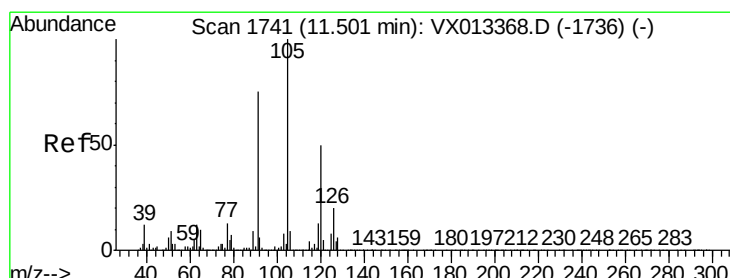
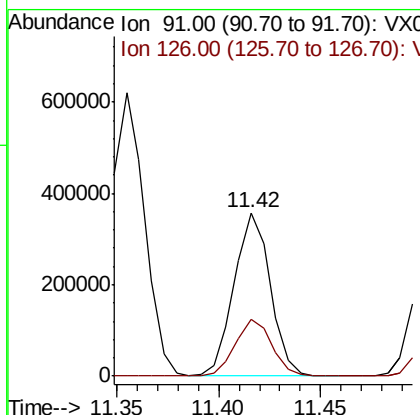
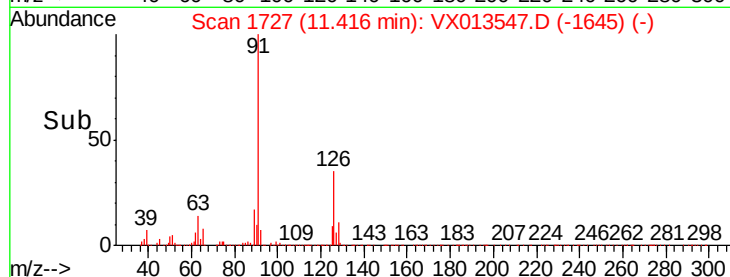
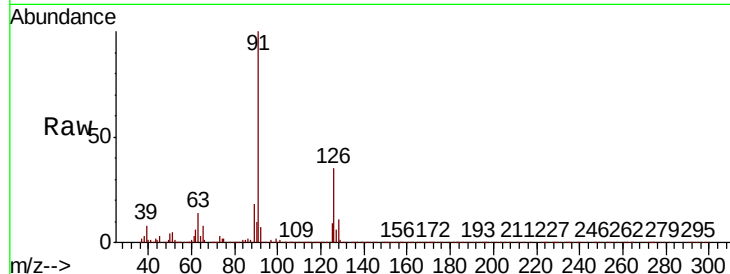
#75
2-Chlorotoluene
Concen: 19.404 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 91 Resp: 440212
Ion Ratio Lower Upper
91 100
126 35.0 0.0 69.0

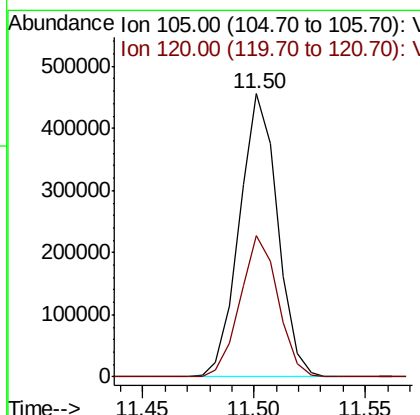
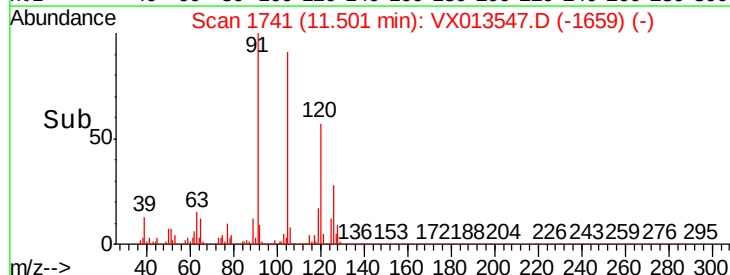
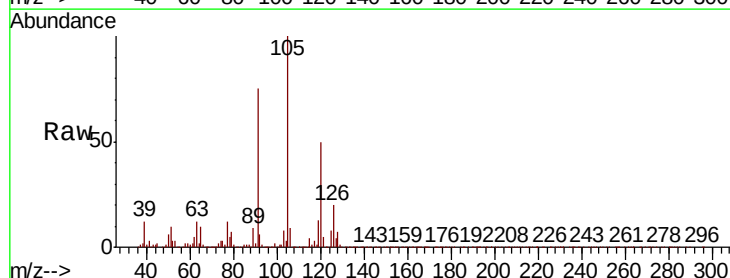
Manual Integrations
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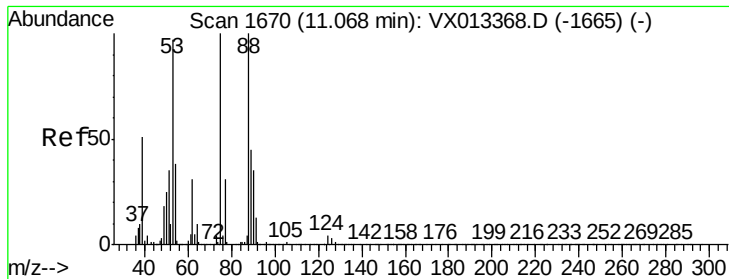
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#76
1,3,5-Trimethylbenzene
Concen: 19.270 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion: 105 Resp: 543746
Ion Ratio Lower Upper
105 100
120 49.7 0.0 100.0





#77

t-1,4-Dichloro-2-butene

Concen: 15.840 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

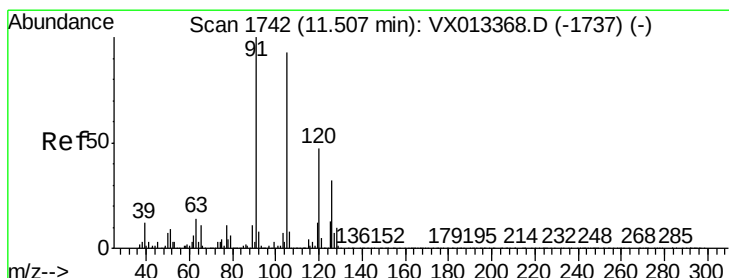
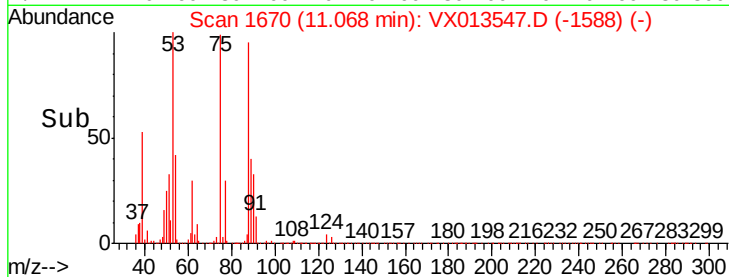
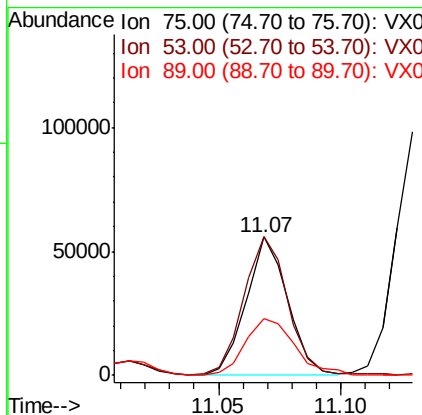
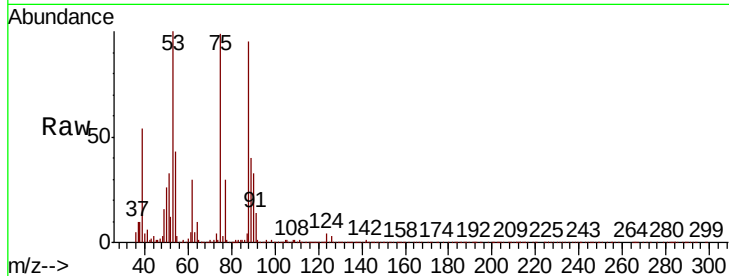
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	65004
Ion	Ratio	Lower	Upper
75	100		
53	100.5	48.8	146.3
89	40.5	22.3	66.8

Manual Integrations
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#78

4-Chlorotoluene

Concen: 19.125 ug/l

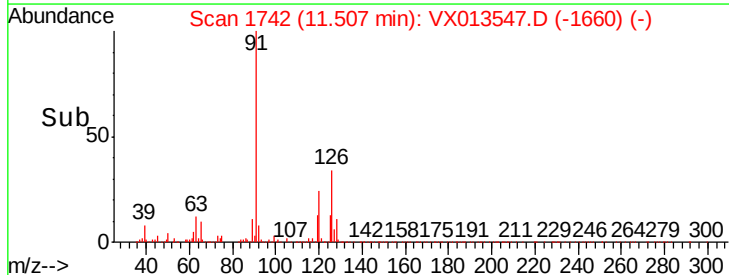
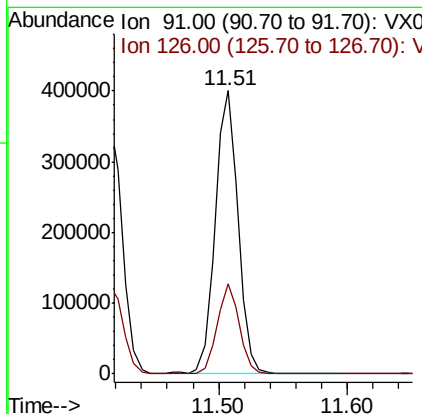
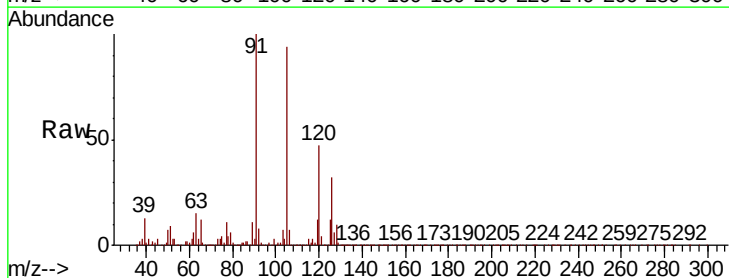
RT: 11.51 min Scan# 1742

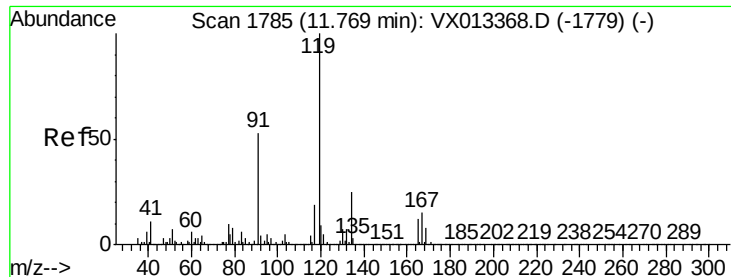
Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Tgt Ion:	91	Resp:	497110
Ion	Ratio	Lower	Upper
91	100		
126	31.0	0.0	61.0





#79

tert-butylbenzene

Concen: 16.605 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

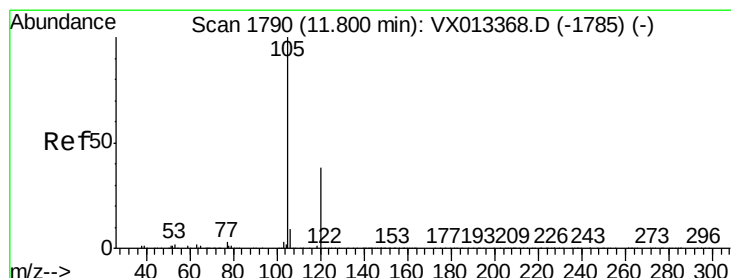
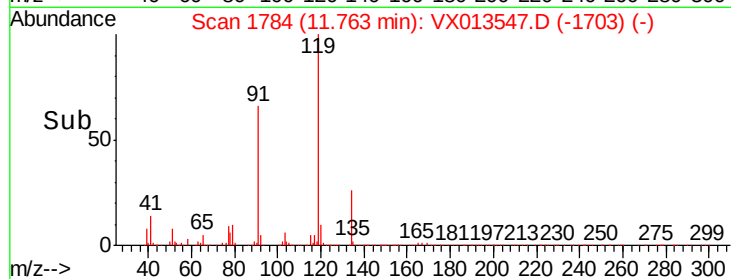
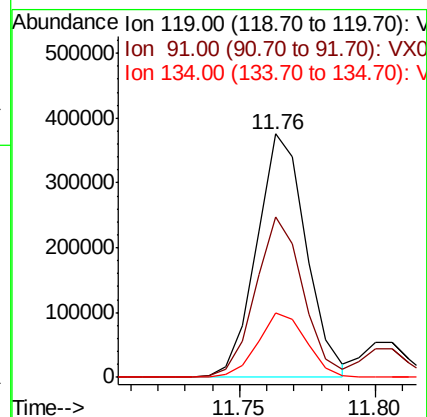
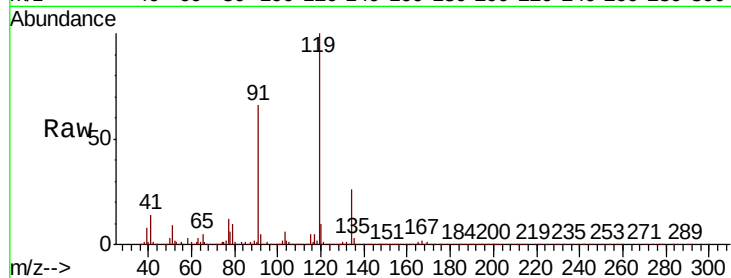
ClientSampleId :

VSTDCCC020EC

Tot Ion:	119	Resp:	472744
Ion Ratio	Lower	Upper	
119	100		
91	63.2	0.0	109.6
134	25.9	0.0	47.8

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#80

1,2,4-Trimethylbenzene

Concen: 19.568 ug/l

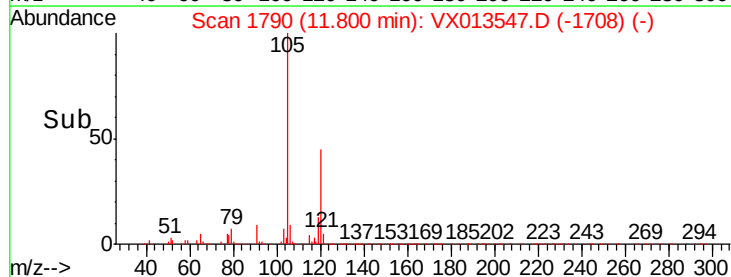
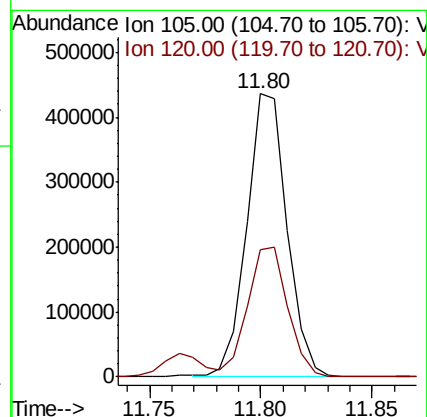
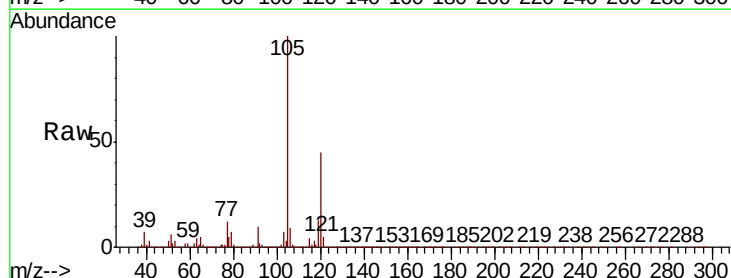
RT: 11.80 min Scan# 1790

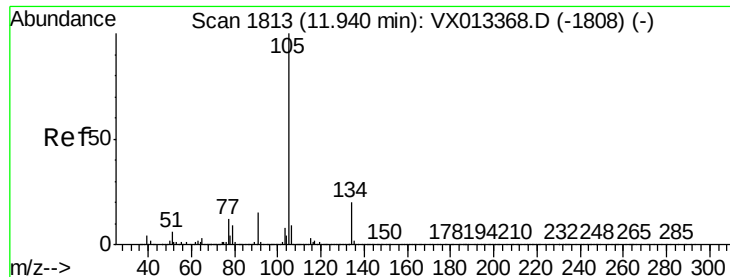
Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Tgt Ion:	105	Resp:	550229
Ion Ratio	Lower	Upper	
105	100		
120	45.8	0.0	94.0





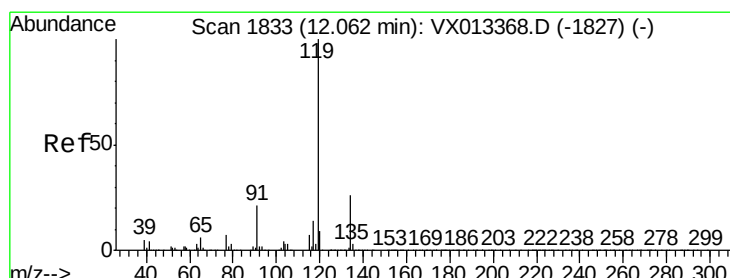
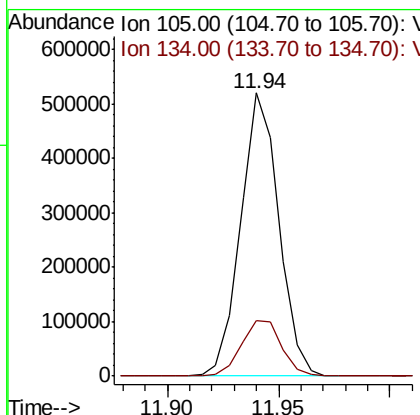
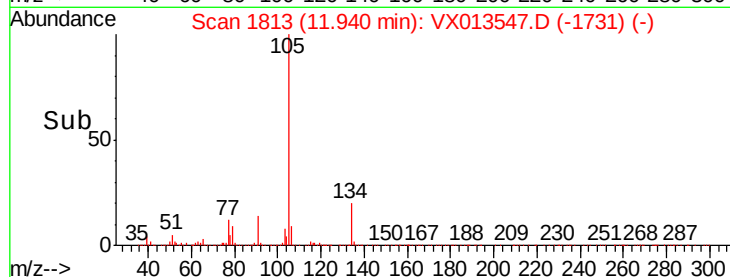
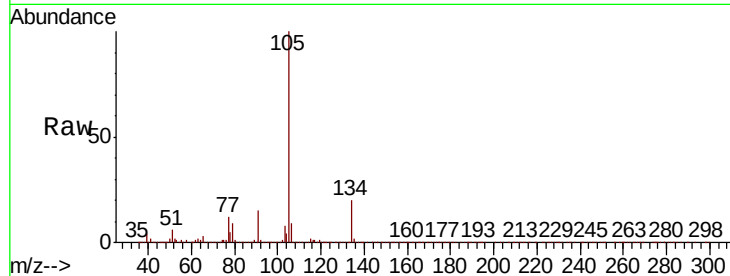
#81
 sec-Butylbenzene
 Concen: 19.105 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	0.0	41.2

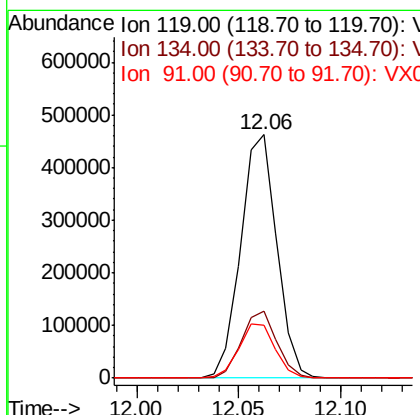
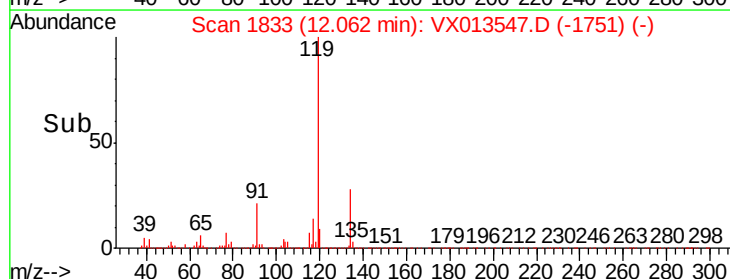
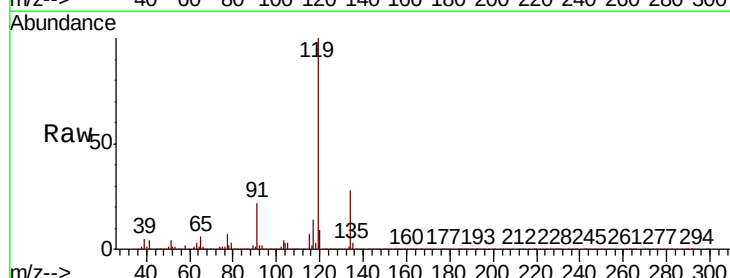
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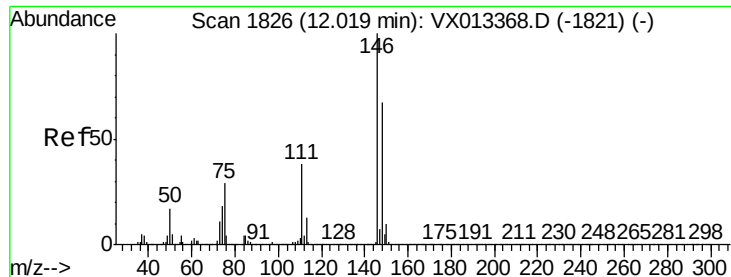
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#82
 p-Isopropyltoluene
 Concen: 18.973 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	0.0	51.6
91	22.3	0.0	44.2





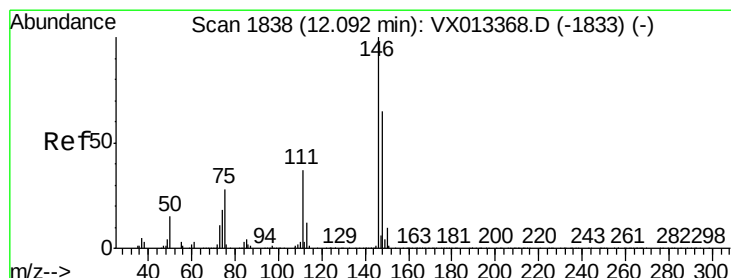
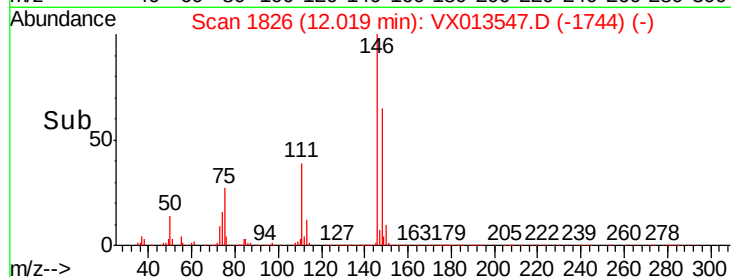
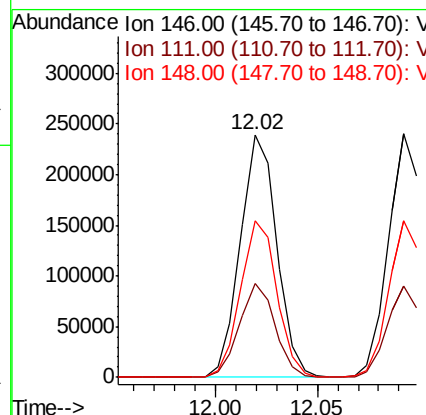
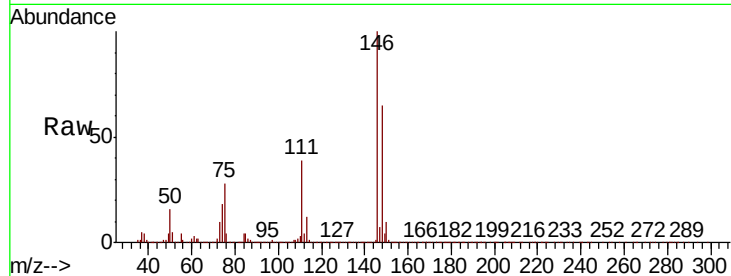
#83
 1,3-Dichlorobenzene
 Concen: 19.016 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.3
148	64.7	32.3	96.9

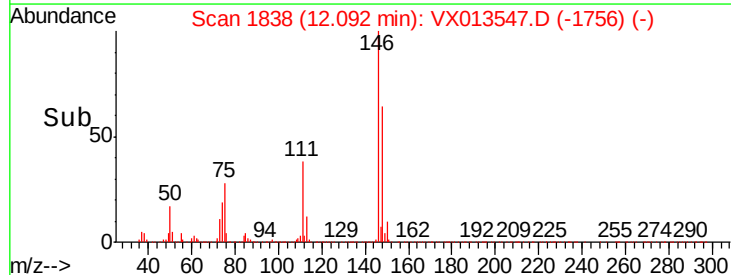
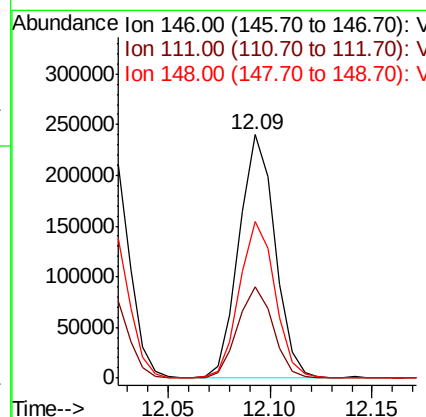
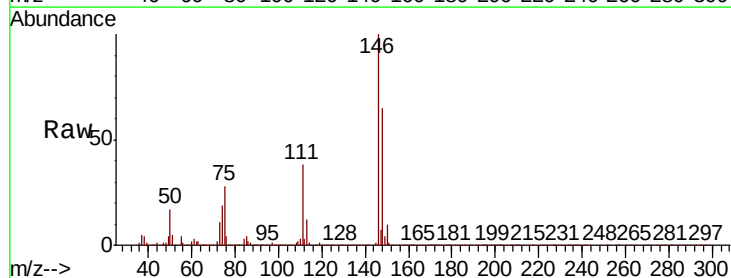
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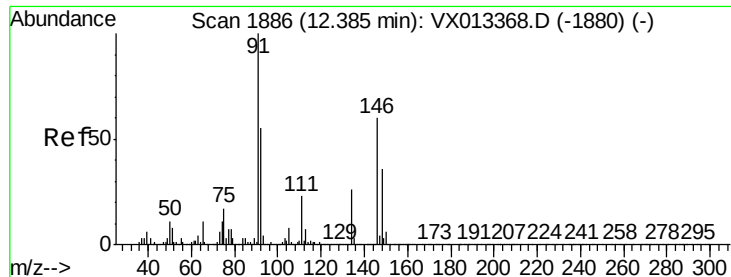
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#84
 1,4-Dichlorobenzene
 Concen: 18.975 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.6
148	63.6	32.5	97.4





#85

n-Butylbenzene

Concen: 18.559 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Instrument :

MSVOA_X

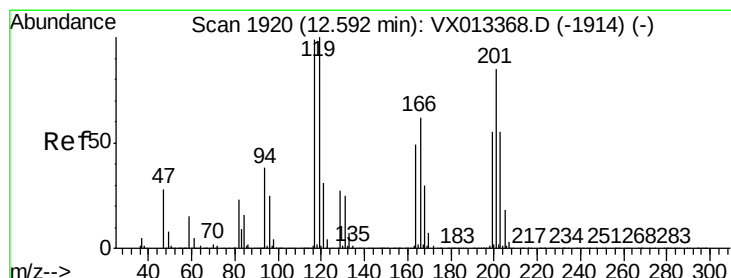
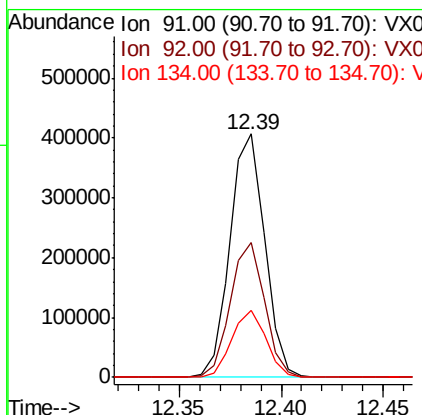
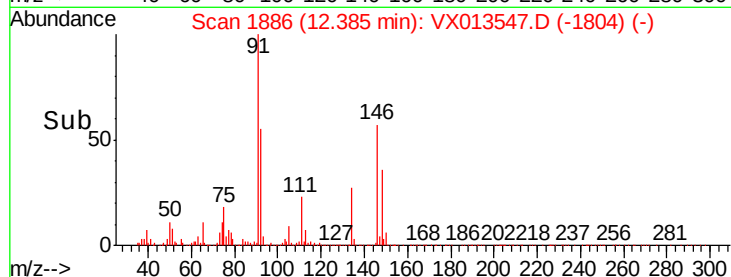
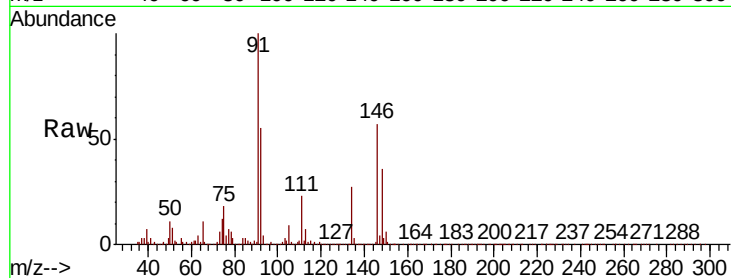
ClientSampleId :

VSTDCCC020EC

Tot Ion:	91	Resp:	479368
Ion Ratio	Lower	Upper	
91	100		
92	54.7	0.0	109.0
134	27.2	0.0	53.0

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#86

Hexachloroethane

Concen: 17.739 ug/l

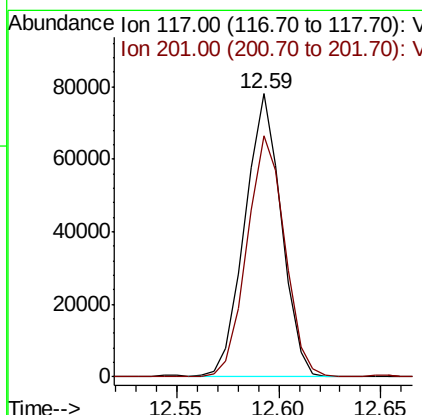
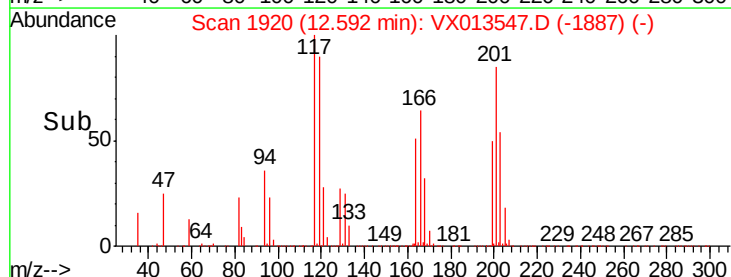
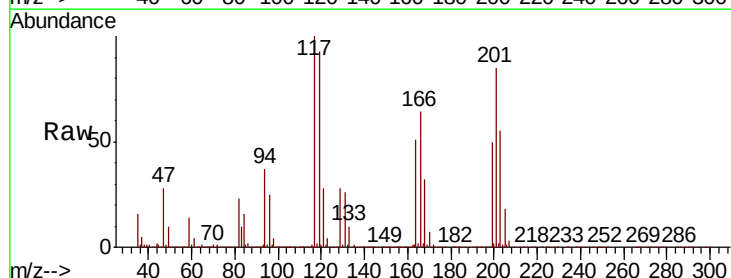
RT: 12.59 min Scan# 1920

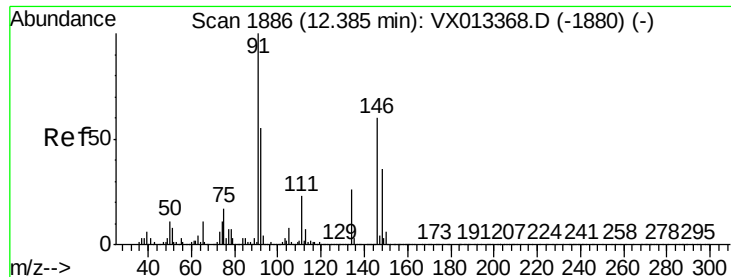
Delta R.T. 0.00 min

Lab File: VX013547.D

Acq: 22 Nov 2019 20:37

Tgt Ion:	117	Resp:	97422
Ion Ratio	Lower	Upper	
117	100		
201	87.8	44.5	133.3





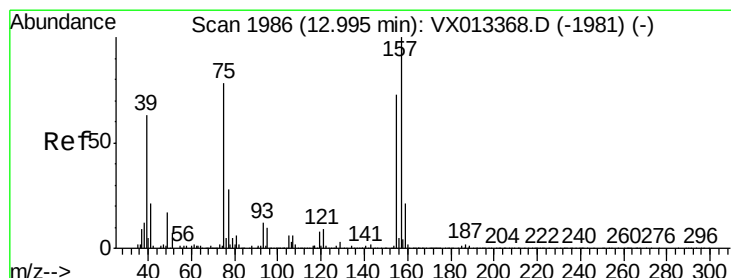
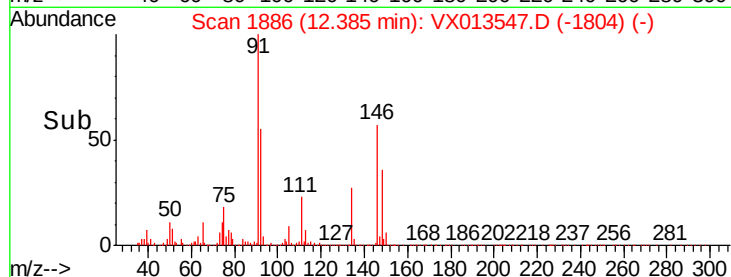
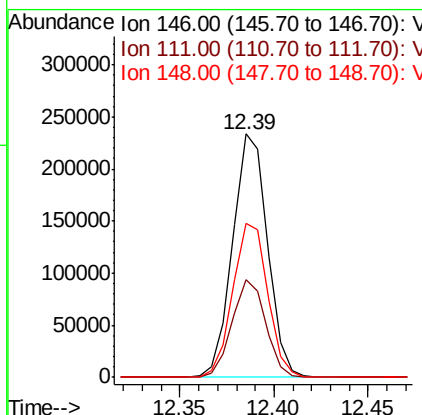
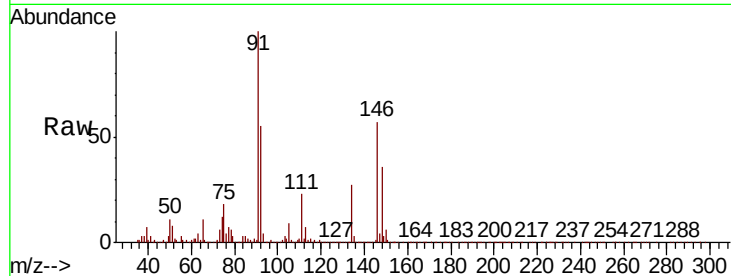
#87
 1,2-Dichlorobenzene
 Concen: 19.173 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	63.9	31.6	94.7

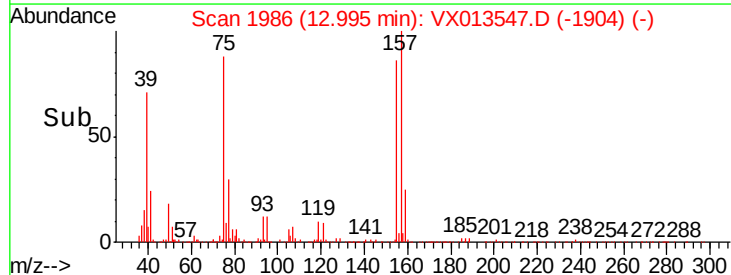
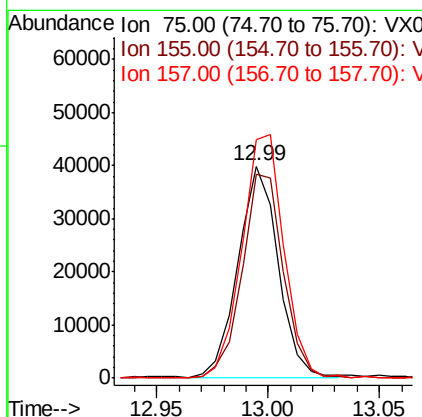
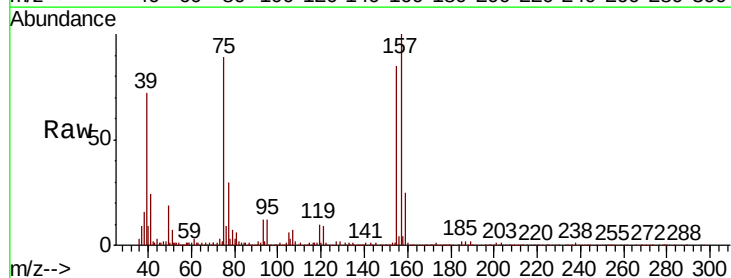
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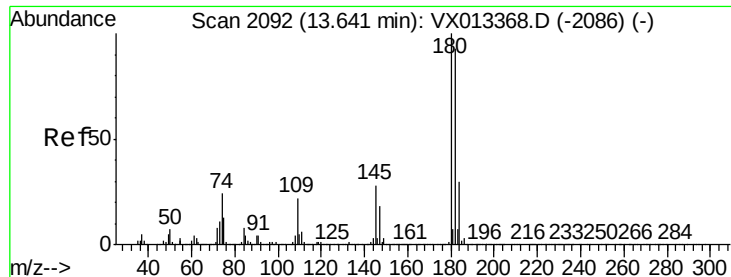
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.495 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.6	76.9	115.3
157	120.6	101.2	151.8





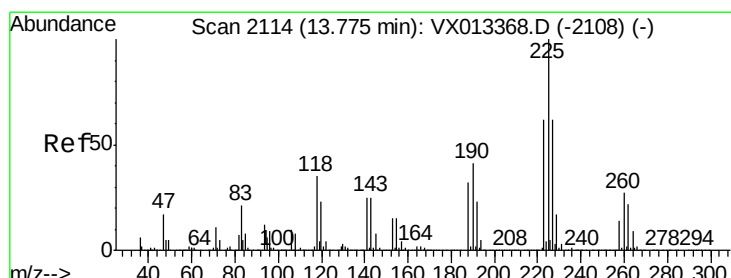
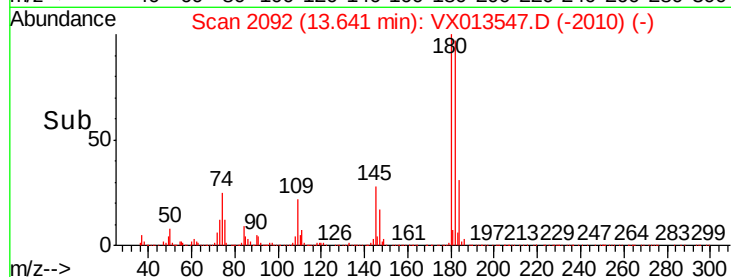
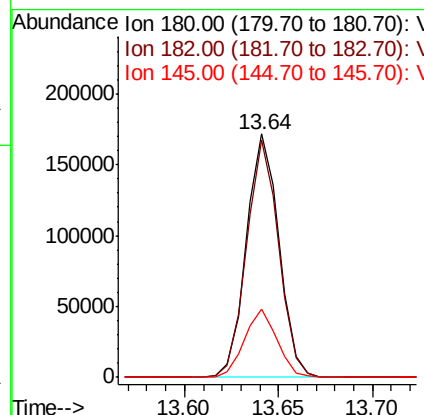
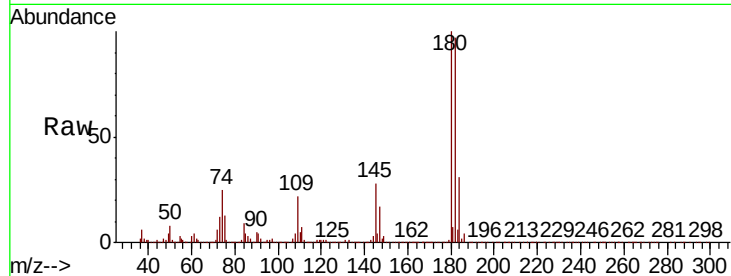
#89
 1,2,4-Trichlorobenzene
 Concen: 19.160 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	205606		
182	95.8	74.7	112.1	
145	28.0	22.1	33.1	

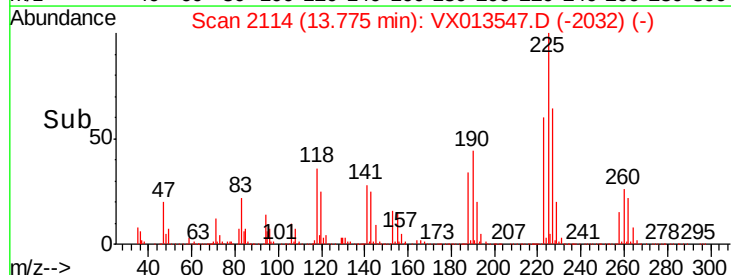
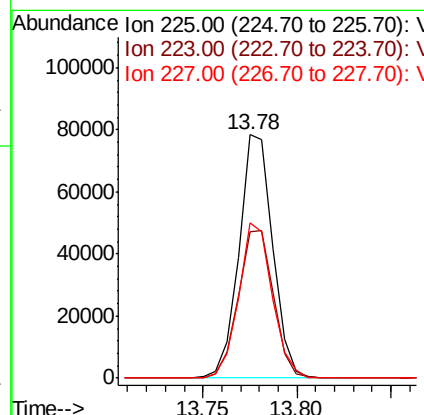
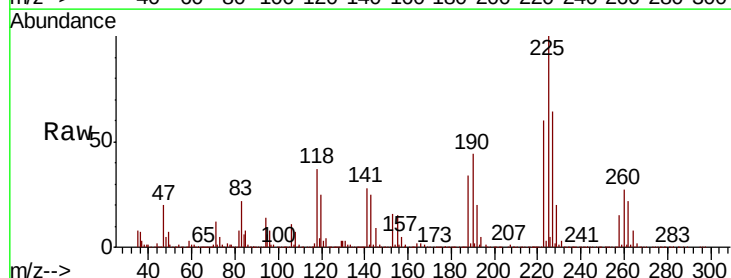
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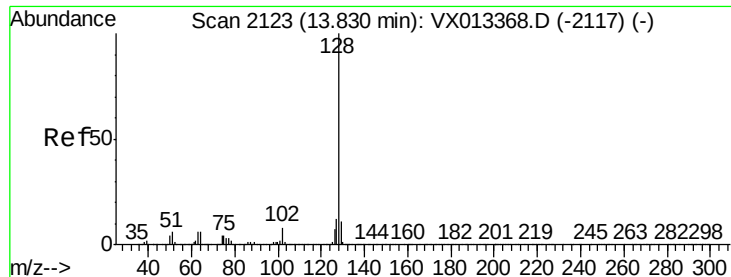
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#90
 Hexachlorobutadiene
 Concen: 18.910 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013547.D
 Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97241		
223	63.3	0.0	123.0	
227	63.3	0.0	121.8	





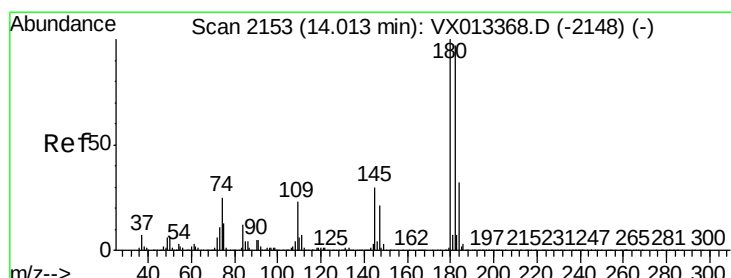
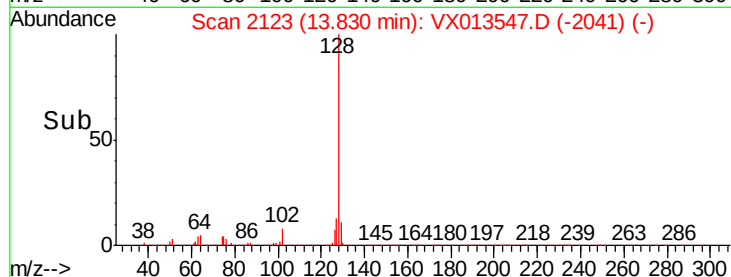
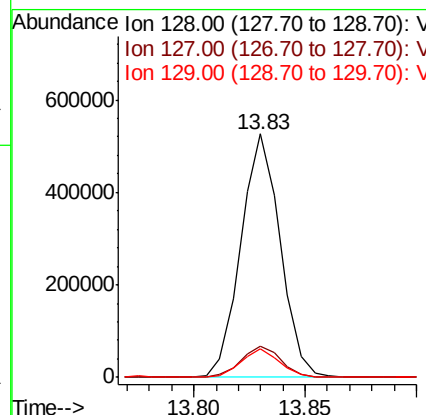
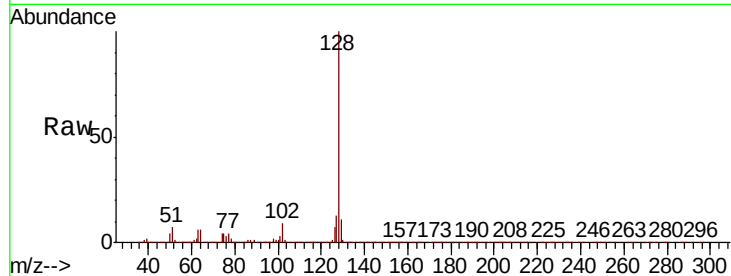
#91
Naphthalene
Concen: 19.030 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.2	8.8	13.2

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 19.044 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013547.D
Acq: 22 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	0.0	191.0
145	30.4	0.0	59.0

