

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014487.D
 Acq On : 09 Jan 2020 09:54
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
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apatel
 1/10/2020 8:34:37 AM

Quant Time: Jan 09 14:39:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	78031	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	444711	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	405345	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	164013	29.35	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.83%
60) 4-Bromofluorobenzene	11.13	95	196250	29.98	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.93%
63) Toluene-d8	8.71	98	543052	29.97	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	82069	20.821	ug/l 99
3) Chloromethane	1.32	50	112160	20.189	ug/l 94
4) Vinyl Chloride	1.40	62	120981	21.243	ug/l 98
5) Bromomethane	1.64	94	73839	17.736	ug/l 100
6) Chloroethane	1.72	64	82369	23.415	ug/l 97
7) Trichlorofluoromethane	1.92	101	157012	22.156	ug/l 99
8) Diethyl Ether	2.18	74	70142	21.534	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	95431	22.579	ug/l 96
10) 1,1-Dichloroethene	2.37	96	92583	21.188	ug/l 98
11) Methyl Iodide	2.50	142	112087	19.926	ug/l 98
12) Methyl Acetate	2.76	43	141558	20.927	ug/l 100
13) Acrolein	2.28	56	101319	123.493	ug/l 98
14) Acrylonitrile	3.12	53	270382	102.246	ug/l 99
15) Acetone	2.43	58	95715	123.211	ug/l 88
16) Carbon Disulfide	2.56	76	250826	21.190	ug/l 99
17) Allyl chloride	2.72	41	171722	21.870	ug/l 92
18) Methylene Chloride	2.84	84	108040	20.179	ug/l 99
19) trans-1,2-Dichloroethene	3.16	96	100828	21.072	ug/l 92
20) Diisopropyl ether	3.84	45	343494	21.320	ug/l 90
21) 1,1-Dichloroethane	3.69	63	183786	21.018	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	116842	21.065	ug/l 97
23) tert-Butyl Alcohol	3.02	59	112429	108.394	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	312547	21.175	ug/l 98
25) Chloroform	5.20	83	180619	21.666	ug/l 99
26) Cyclohexane	5.56	56	169880	21.788	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	135212	21.049	ug/l 99
30) 2-Butanone	4.65	43	420271	110.998	ug/l 99
31) 2,2-Dichloropropane	4.57	77	152383m	25.645	ug/l
32) 1,1,1-Trichloroethane	5.48	97	149710	21.071	ug/l 99
33) Carbon Tetrachloride	5.77	117	128584	21.289	ug/l 97
34) Benzene	6.13	78	425194	21.228	ug/l 99
35) Methacrylonitrile	5.03	41	80736	19.826	ug/l 98
36) 1,2-Dichloroethane	6.18	62	141604	20.352	ug/l 99
37) Trichloroethene	7.20	130	117857	21.624	ug/l 92
38) Methylcyclohexane	7.45	83	173745	22.675	ug/l 99
39) 1,2-Dichloropropane	7.50	63	106845	20.538	ug/l 96
40) Dibromomethane	7.65	93	69172	20.814	ug/l 97

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
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Manual Integrations
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 1/10/2020 8:34:37 AM

Quant Time: Jan 09 14:39:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	136216	21.168	ug/l	98
42) Vinyl Acetate	3.80	43	1424265	106.545	ug/l	100
43) Ethyl Acetate	4.81	43	150653m	20.736	ug/l	
44) Isopropyl Acetate	6.43	43	246079	20.223	ug/l	99
45) 1,4-Dioxane	7.73	88	52719	462.648	ug/l	96
46) Methyl methacrylate	7.76	41	118593	20.065	ug/l	98
47) n-amyl Acetate	10.89	43	206750	19.109	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	152002	21.642	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	166754	21.112	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	107542	20.968	ug/l	98
51) Ethyl methacrylate	9.17	69	164347	20.145	ug/l	95
52) 1,3-Dichloropropane	9.36	76	179147	20.559	ug/l	97
53) Dibromochloromethane	9.57	129	109750	21.400	ug/l	95
54) 1,2-Dibromoethane	9.67	107	110713	20.965	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	360910	100.356	ug/l	99
56) Bromoform	10.85	173	80667	20.170	ug/l	100
58) 4-Methyl-2-Pentanone	8.63	43	761155	100.361	ug/l	99
59) 2-Hexanone	9.48	43	611057	106.167	ug/l	99
61) Tetrachloroethene	9.33	164	129922	24.229	ug/l	96
62) Toluene	8.78	91	455758	21.141	ug/l	99
64) Chlorobenzene	10.13	112	287558	21.290	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	104047	20.804	ug/l	99
66) Ethyl Benzene	10.25	91	502323	21.291	ug/l	99
67) m/p-Xylenes	10.36	106	388109	43.033	ug/l	100
68) o-Xylene	10.69	106	185052	20.712	ug/l	98
69) Styrene	10.71	104	311830	20.524	ug/l	99
70) Isopropylbenzene	11.01	105	496487	21.504	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	154488	18.868	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	132917m	18.237	ug/l	
73) Bromobenzene	11.25	156	129247	20.970	ug/l	98
74) n-propylbenzene	11.35	91	567373	21.666	ug/l	98
75) 2-Chlorotoluene	11.42	91	331831	20.971	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	414256	21.151	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	49335	20.499	ug/l	93
78) 4-Chlorotoluene	11.51	91	382417	21.150	ug/l	99
79) tert-butylbenzene	11.76	119	390839	20.703	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	413913	21.135	ug/l	100
81) sec-Butylbenzene	11.94	105	475570	21.179	ug/l	99
82) p-Isopropyltoluene	12.06	119	435650	21.499	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	225463	20.987	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	227094	21.229	ug/l	100
85) n-Butylbenzene	12.38	91	375255	22.025	ug/l	99
86) Hexachloroethane	12.59	117	74643	20.305	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	225468	20.663	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	31639	19.387	ug/l	94
89) 1,2,4-Trichlorobenzene	13.64	180	151079	21.664	ug/l	97
90) Hexachlorobutadiene	13.78	225	74139	22.366	ug/l	95
91) Naphthalene	13.83	128	446030	21.279	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	153791	21.742	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

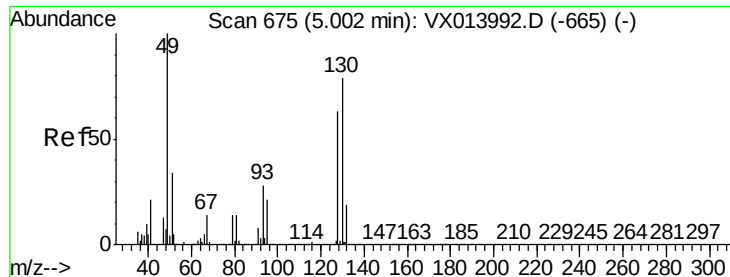
Manual Integrations
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Quant Time: Jan 09 14:39:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration

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



#1

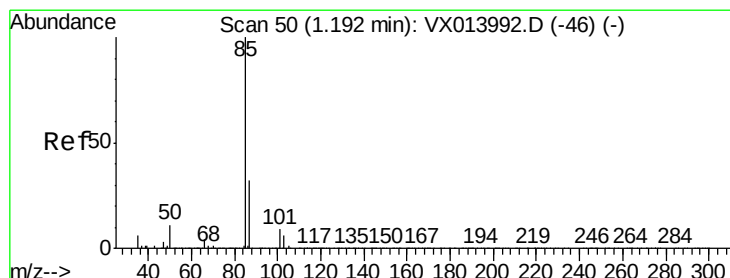
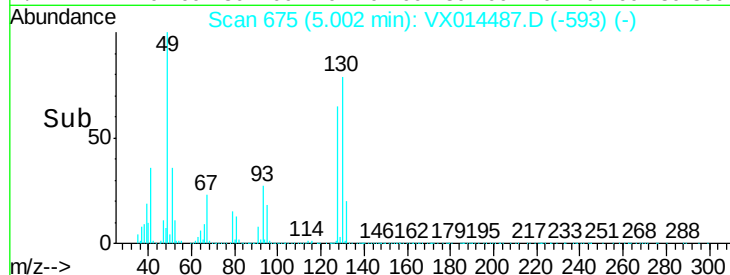
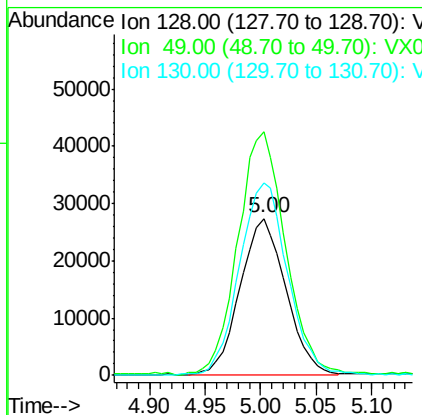
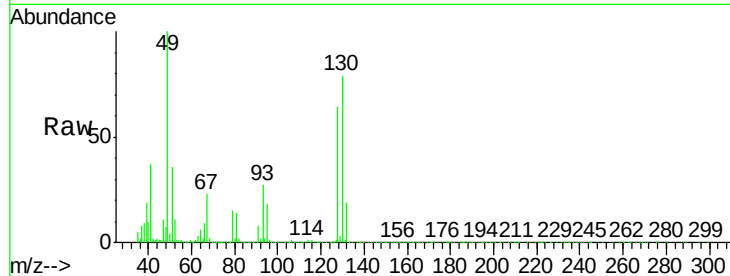
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	160.4	0.0	405.0
130	130.3	0.0	321.5

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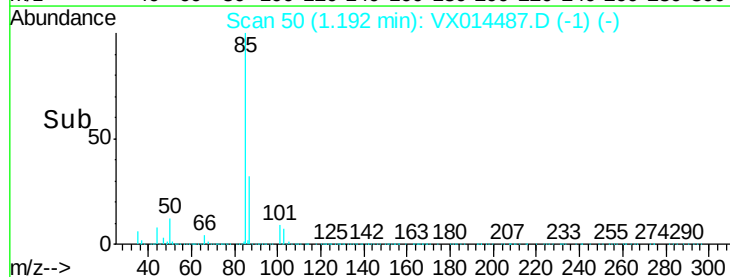
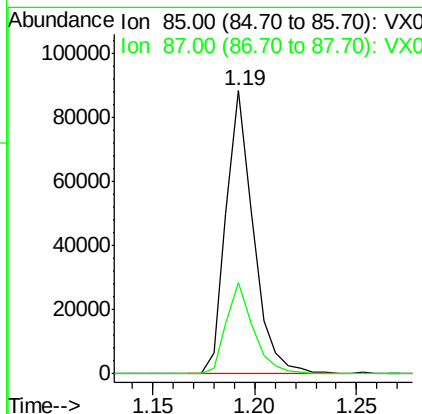
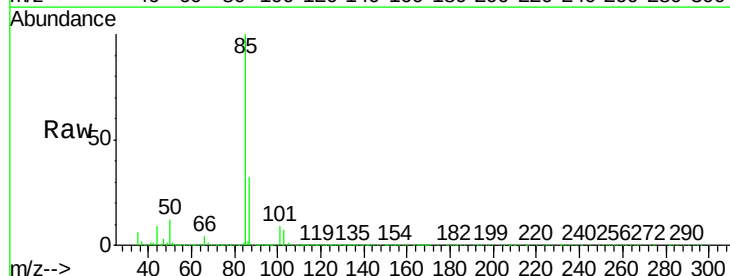
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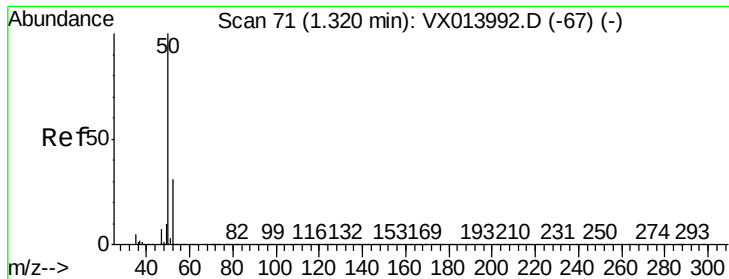


#2

Dichlorodifluoromethane
 Concen: 20.821 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.3	48.9





#3

Chloromethane

Concen: 20.189 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.9	24.3	36.5

Instrument :

MSVOA_X

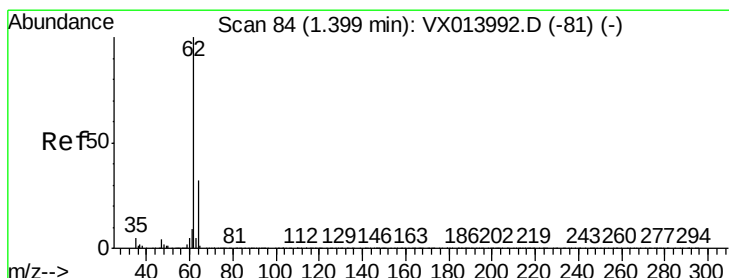
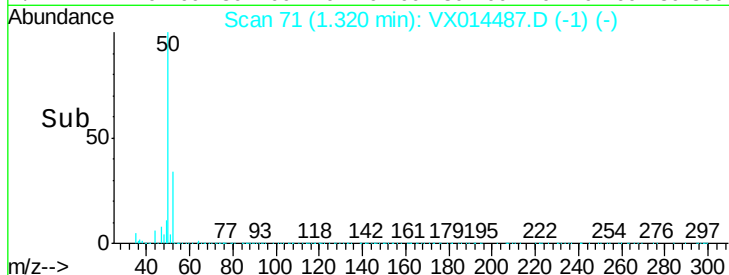
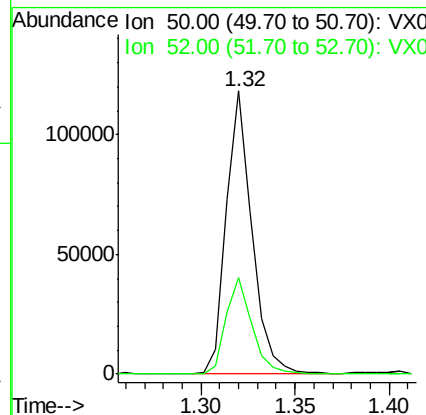
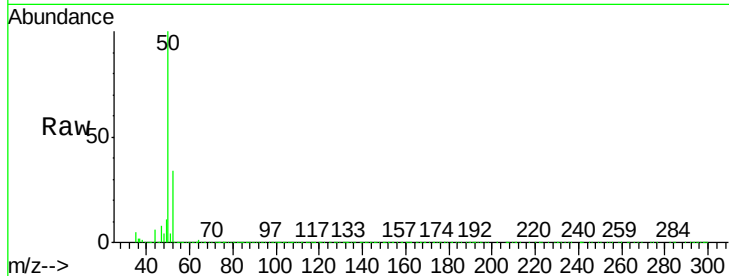
ClientSampleId :

VSTDCCC020

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#4

Vinyl Chloride

Concen: 21.243 ug/l

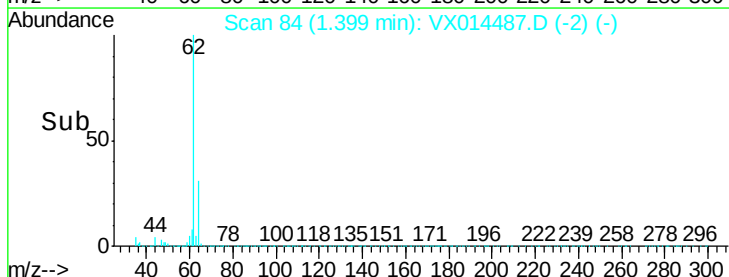
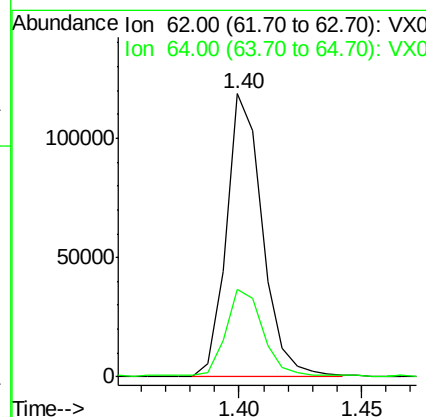
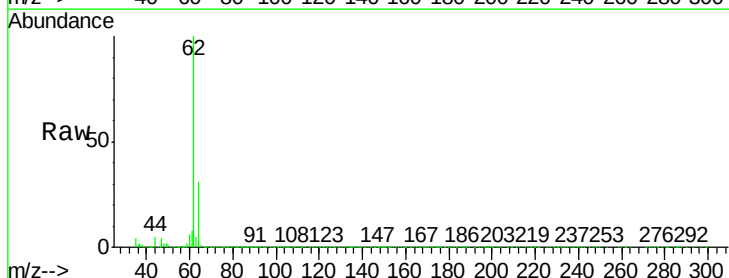
RT: 1.40 min Scan# 84

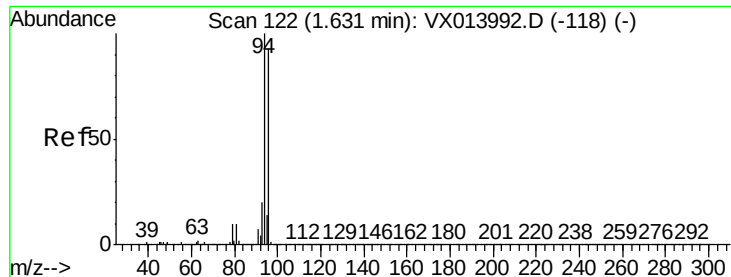
Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.7	25.2	37.8





#5

Bromomethane

Concen: 17.736 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 73839

Ion Ratio Lower Upper

94 100

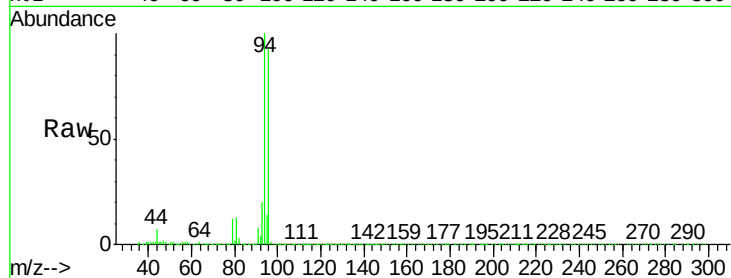
96 93.0 74.4 111.6

Manual Integrations

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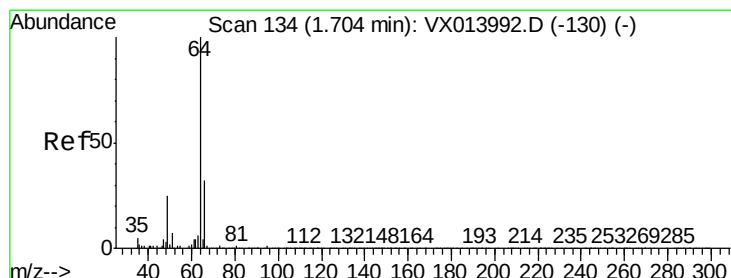
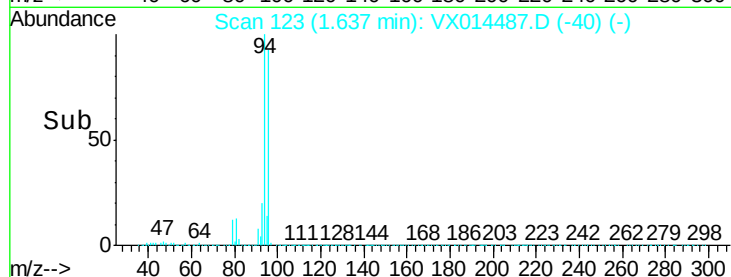
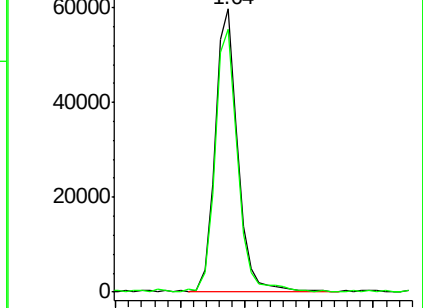
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 23.415 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014487.D

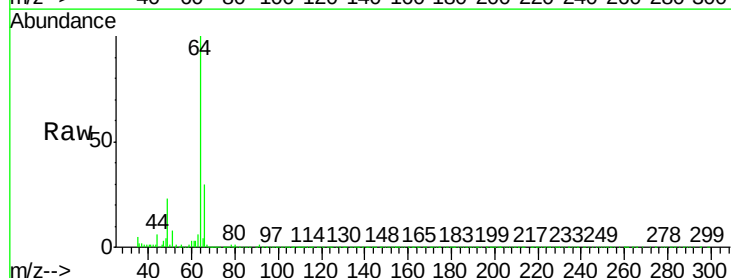
Acq: 09 Jan 2020 09:54

Tgt Ion: 64 Resp: 82369

Ion Ratio Lower Upper

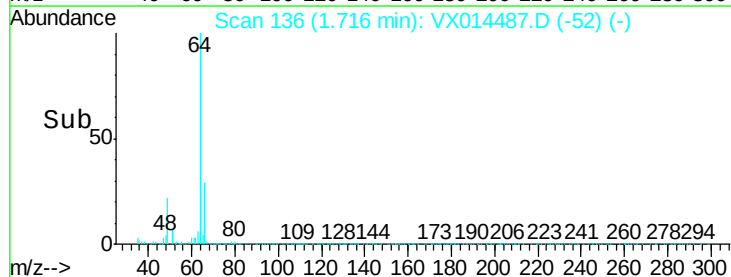
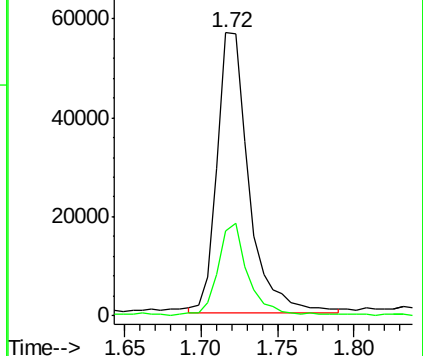
64 100

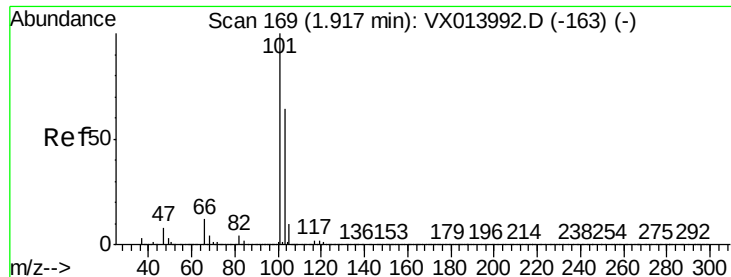
66 30.0 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

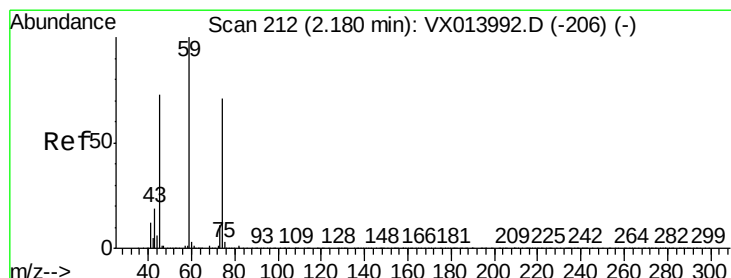
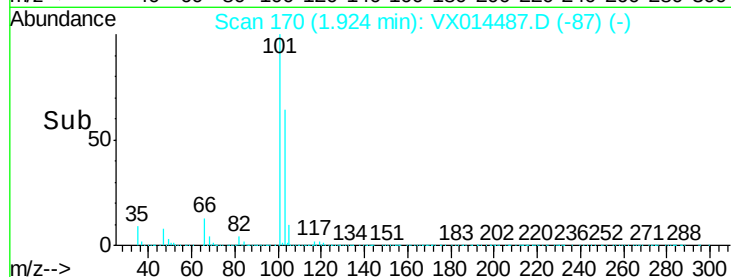
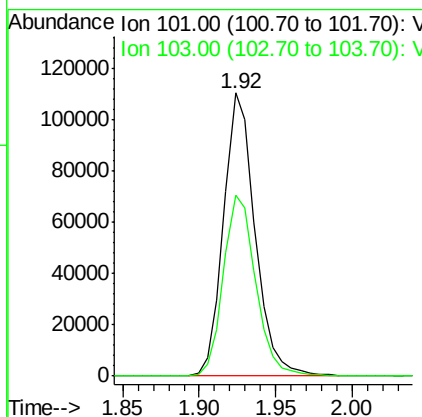
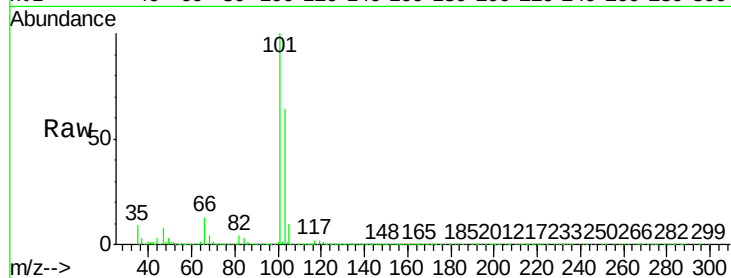
Trichlorofluoromethane
Concen: 22.156 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	63.7	51.6	77.4	

Manual Integrations
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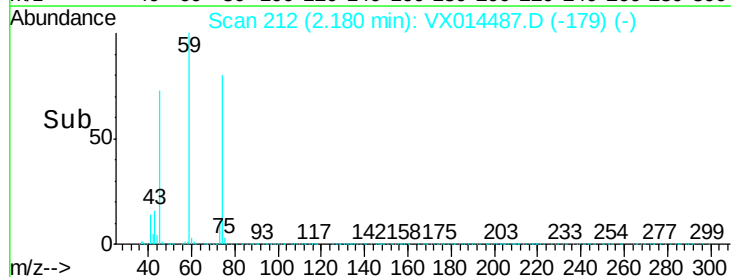
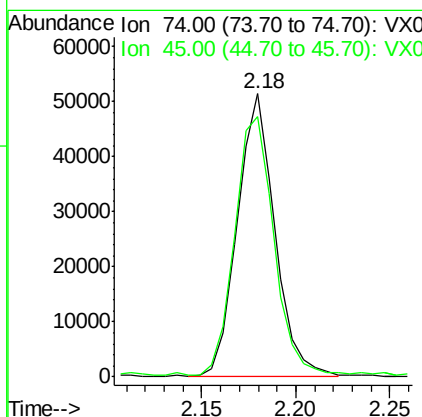
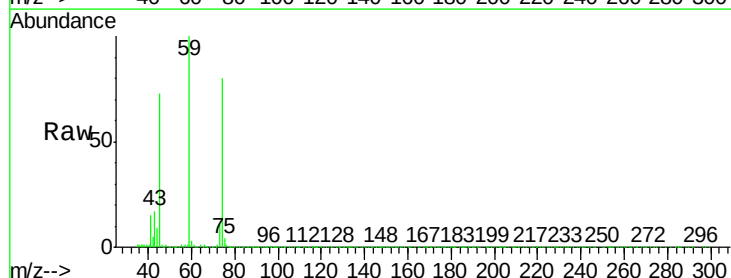
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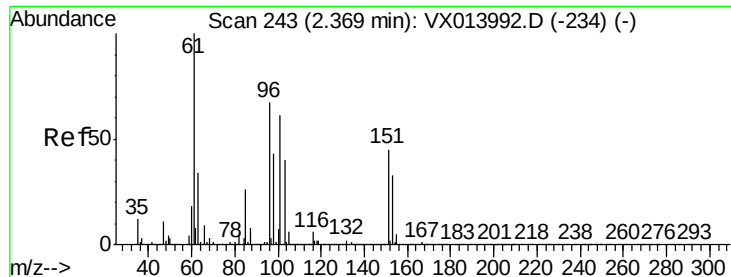


#8

Diethyl Ether
Concen: 21.534 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	97.3	20.6	185.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.579 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

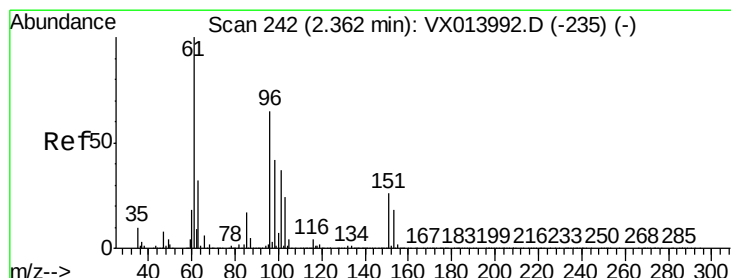
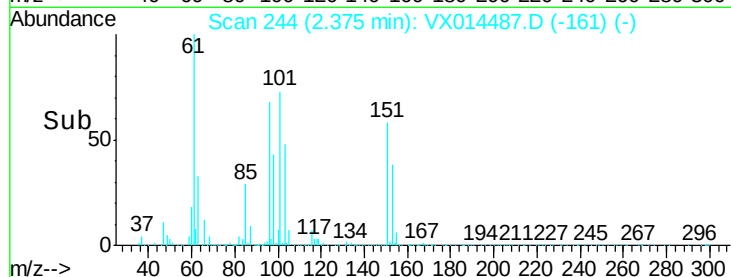
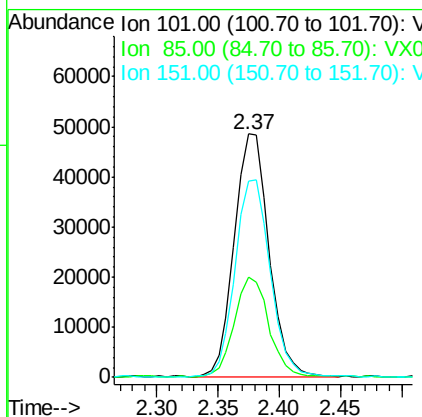
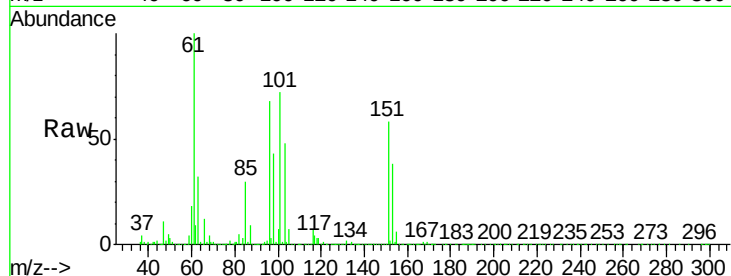
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	95431
Ion Ratio	Lower	Upper	
101	100		
85	40.6	0.0	85.6
151	83.0	0.0	159.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 21.188 ug/l

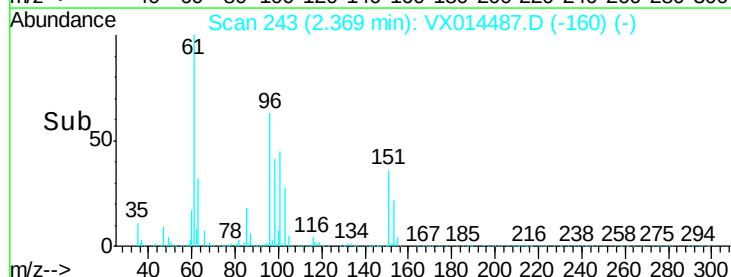
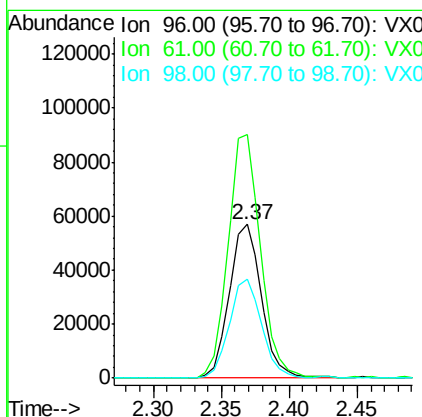
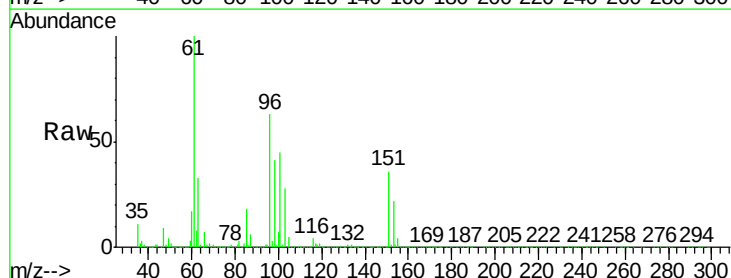
RT: 2.37 min Scan# 243

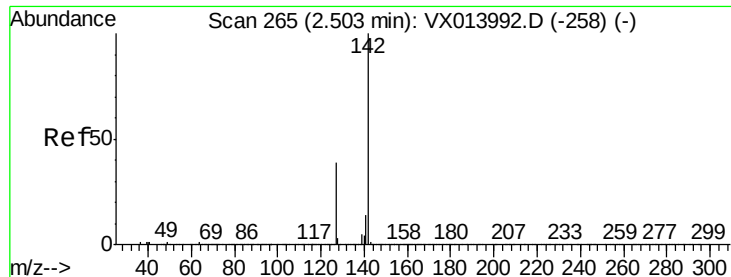
Delta R.T. 0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion:	96	Resp:	92583
Ion Ratio	Lower	Upper	
96	100		
61	158.3	123.0	184.6
98	64.2	51.4	77.0





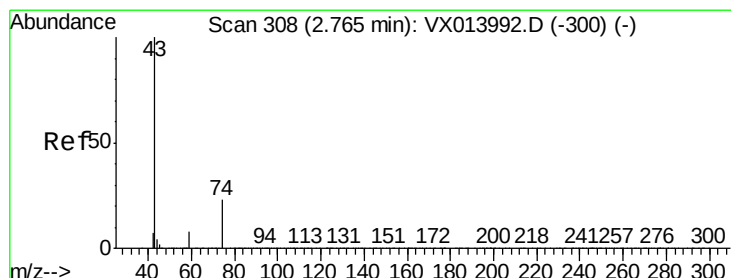
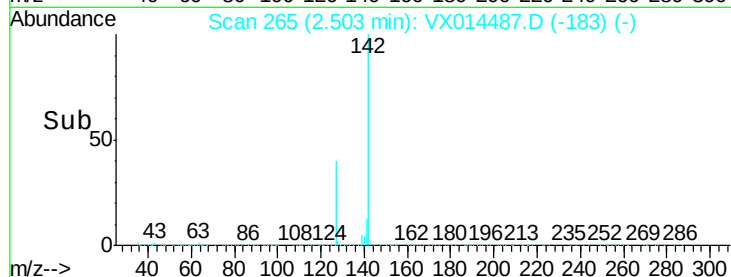
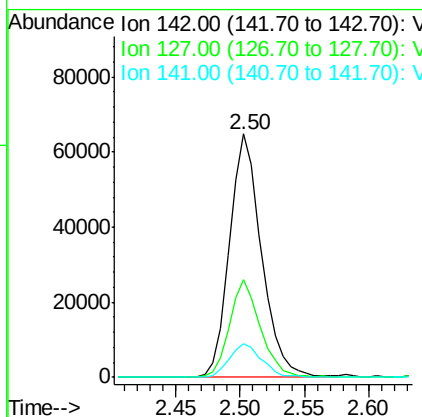
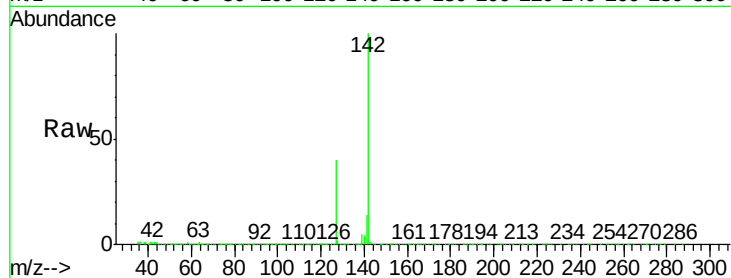
#11
Methvl Iodide
Concen: 19.926 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.1	19.5	58.5
141	13.5	7.0	20.9

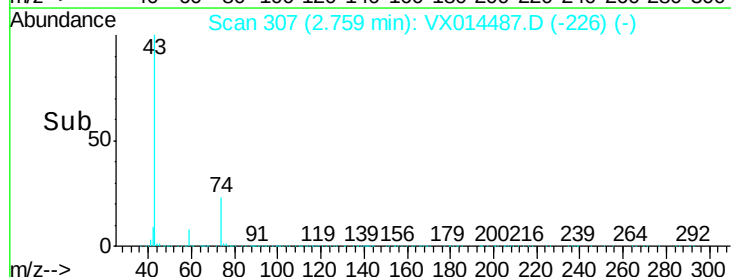
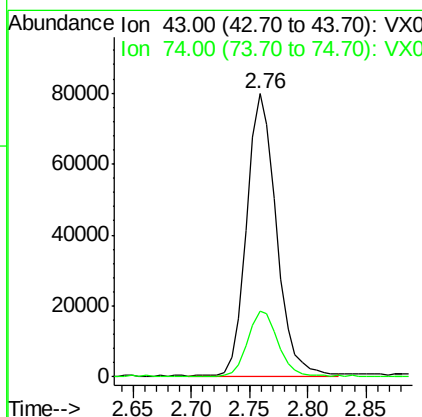
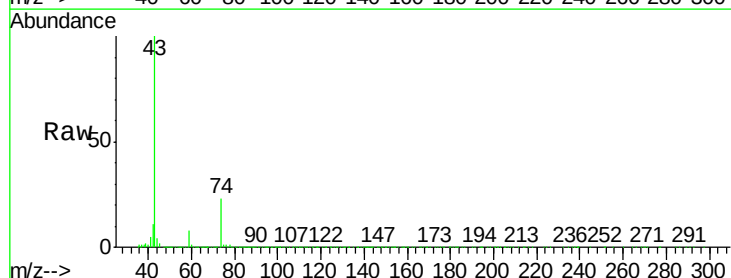
Manual Integrations
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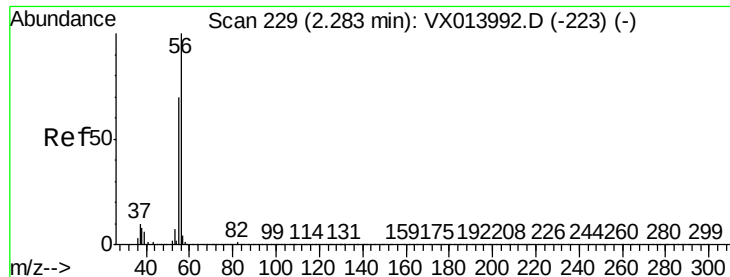
apatel
1/10/2020 8:34:37 AM



#12
Methyl Acetate
Concen: 20.927 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.5	27.7





#13

Acrolein

Concen: 123.493 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 101319

Ion Ratio Lower Upper

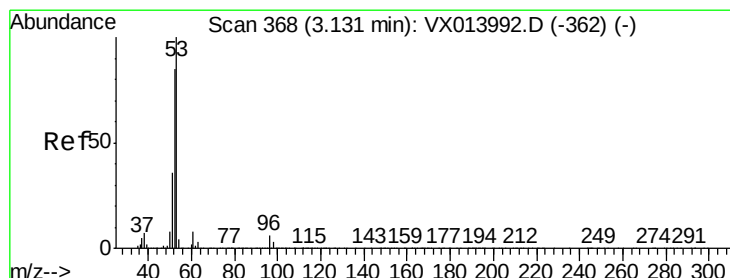
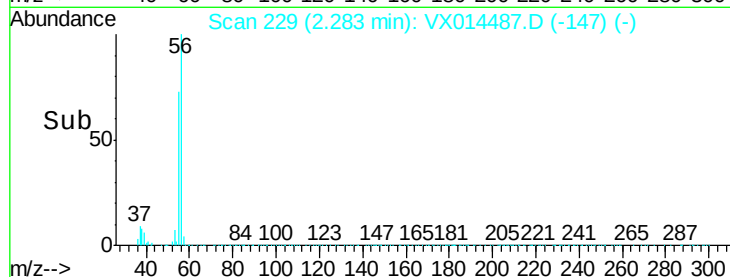
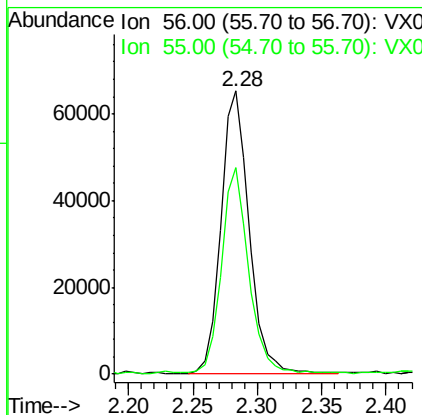
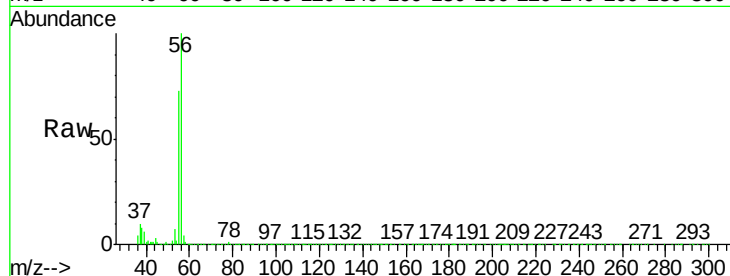
56 100

55 70.4 54.9 82.3

Manual Integrations
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#14

Acrylonitrile

Concen: 102.246 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

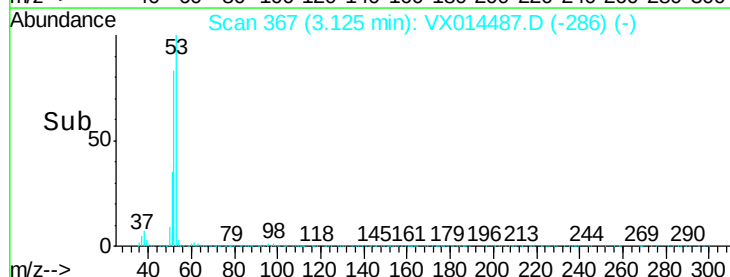
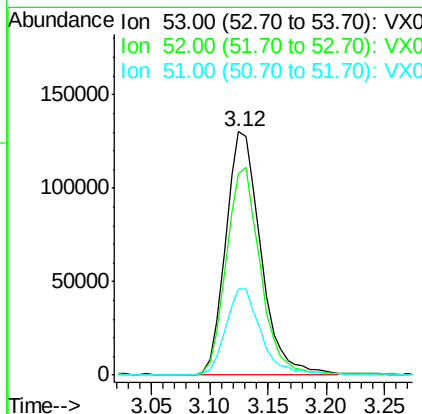
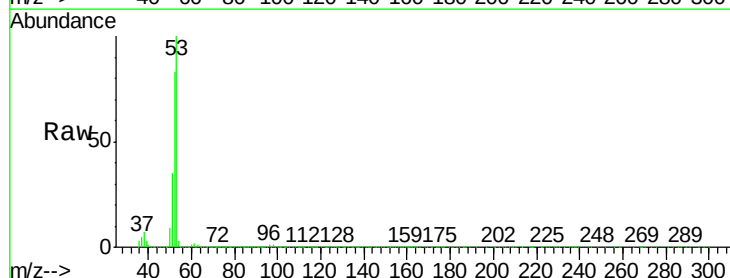
Tgt Ion: 53 Resp: 270382

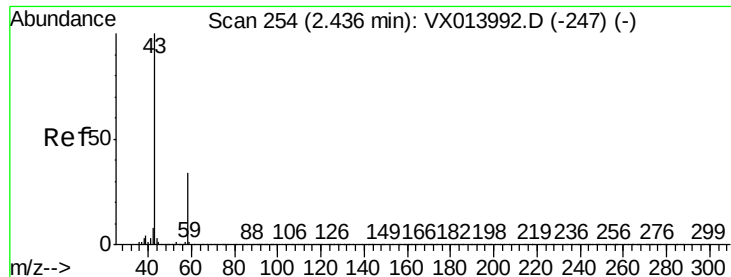
Ion Ratio Lower Upper

53 100

52 83.9 41.5 124.6

51 36.1 17.8 53.5





#15

Acetone

Concen: 123.211 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 95715

Ion Ratio Lower Upper

58 100

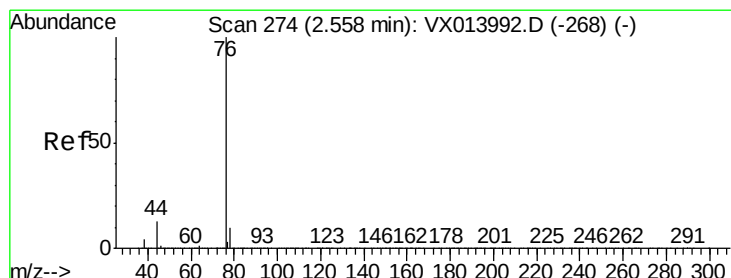
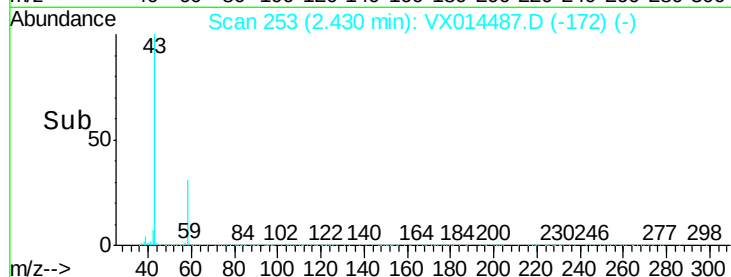
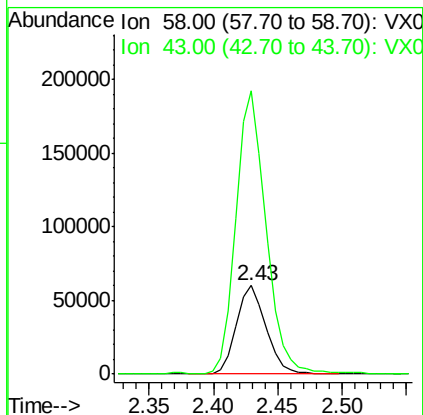
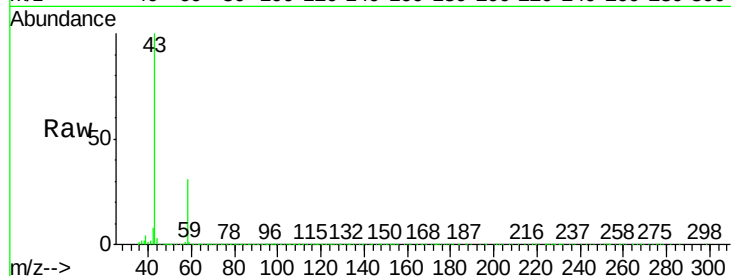
43 319.1 236.3 354.5

Manual Integrations

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#16

Carbon Disulfide

Concen: 21.190 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014487.D

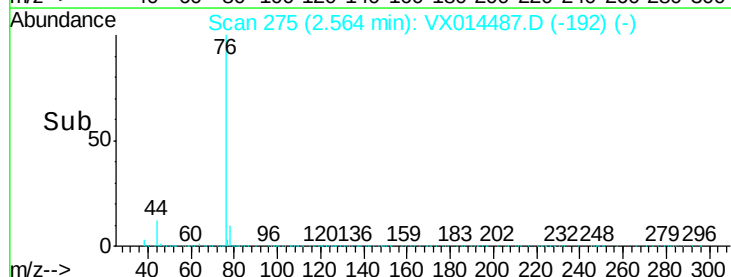
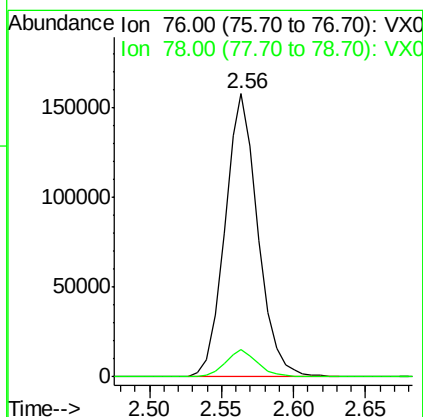
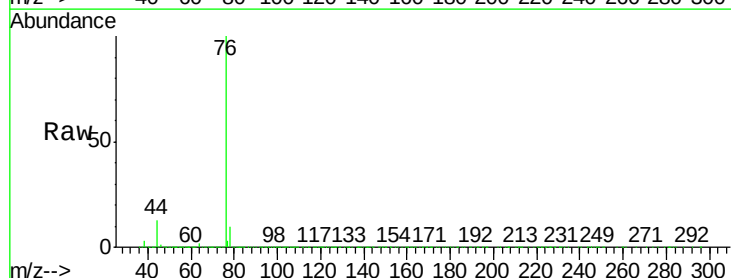
Acq: 09 Jan 2020 09:54

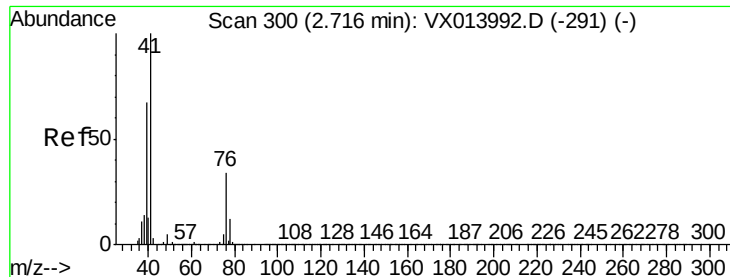
Tgt Ion: 76 Resp: 250826

Ion Ratio Lower Upper

76 100

78 9.6 7.8 11.8





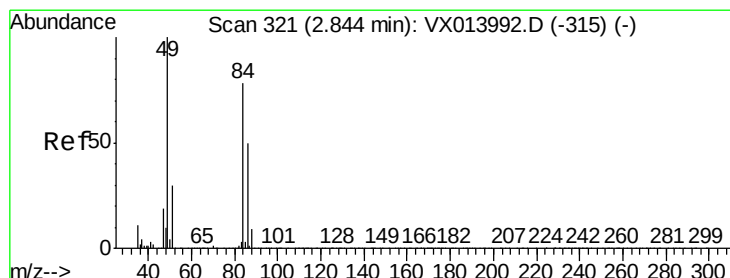
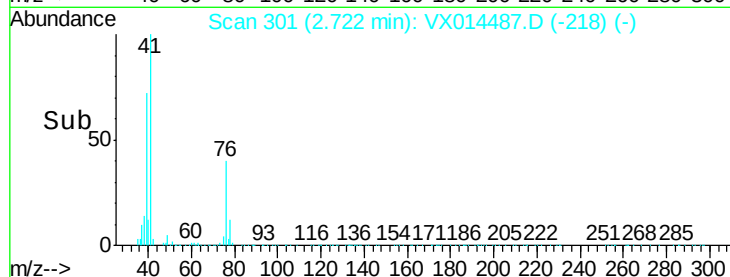
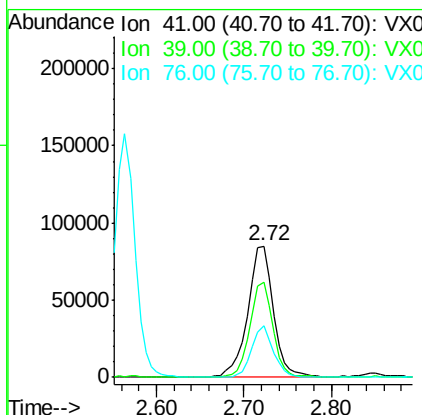
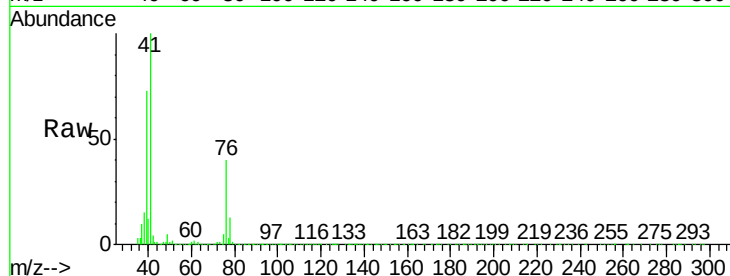
#17
Allvl chloride
Concen: 21.870 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	41	Resp:	171722
Ion	Ratio	Lower	Upper
41	100		
39	72.3	33.4	100.2
76	39.4	17.0	50.9

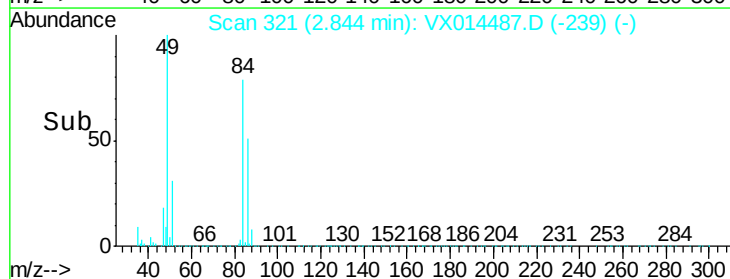
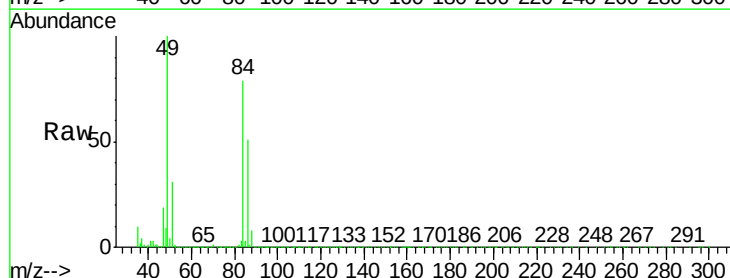
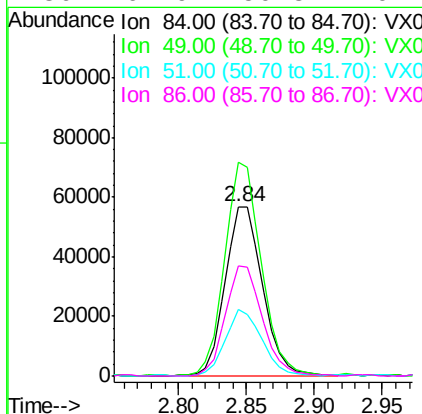
Manual Integrations
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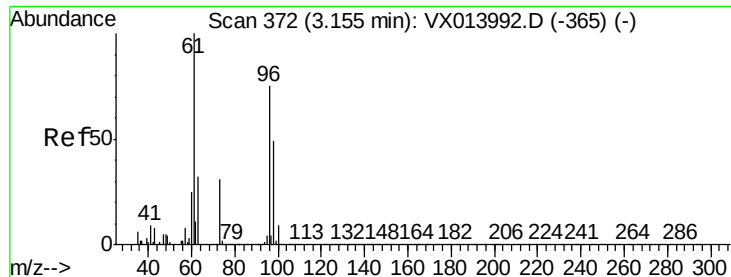
apatel
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#18
Methylene Chloride
Concen: 20.179 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion:	84	Resp:	108040
Ion	Ratio	Lower	Upper
84	100		
49	126.2	102.2	153.2
51	39.0	31.4	47.0
86	64.9	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 21.072 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

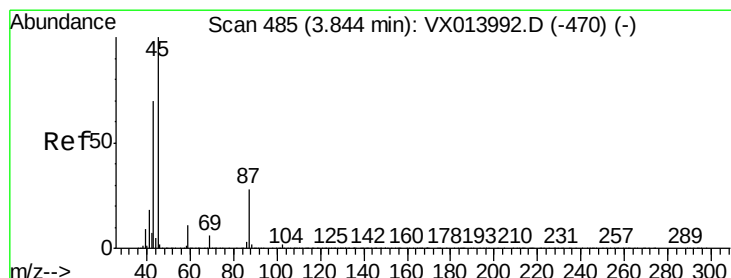
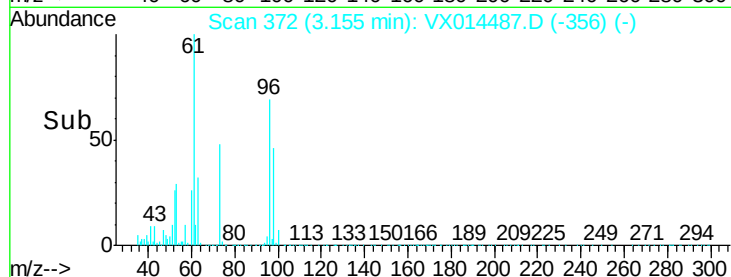
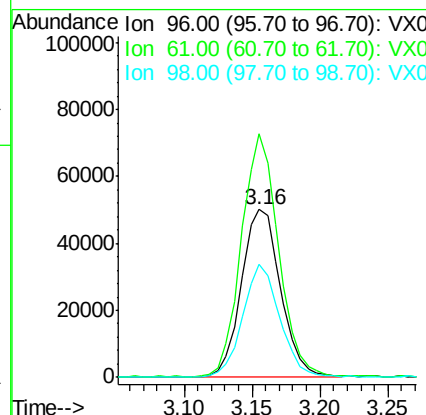
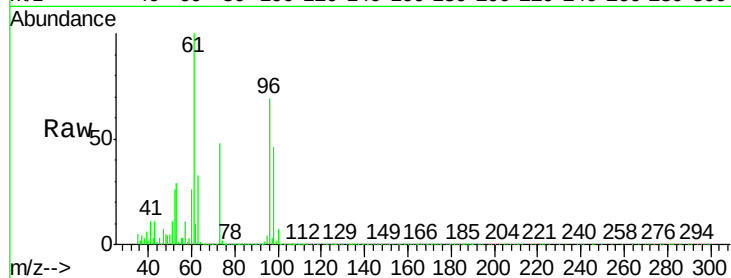
ClientSampleId :

VSTDCCC020

Tot Ion:	96	Resp:	100828
Ion	Ratio	Lower	Upper
96	100		
61	145.1	106.6	159.8
98	67.0	51.6	77.4

Manual Integrations
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apatel
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#20

Diisopropyl ether

Concen: 21.320 ug/l

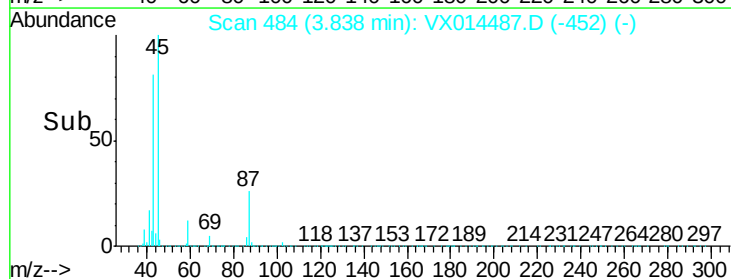
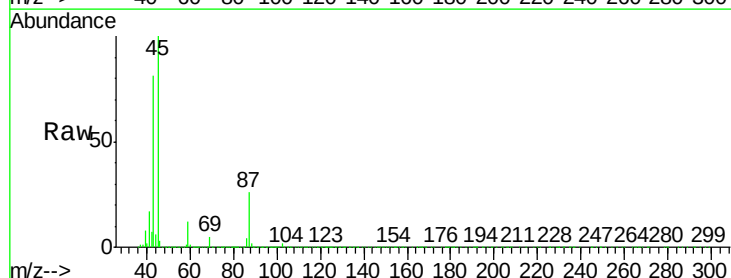
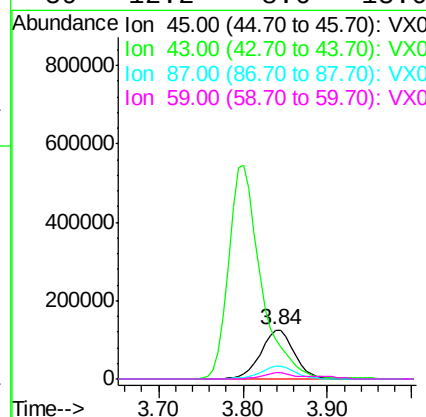
RT: 3.84 min Scan# 484

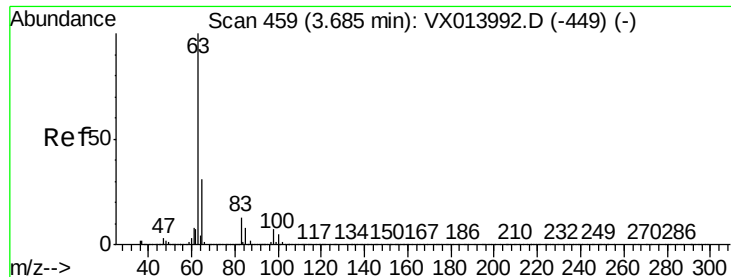
Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion:	45	Resp:	343494
Ion	Ratio	Lower	Upper
45	100		
43	80.5	55.9	83.9
87	25.5	22.2	33.2
59	12.2	8.6	13.0





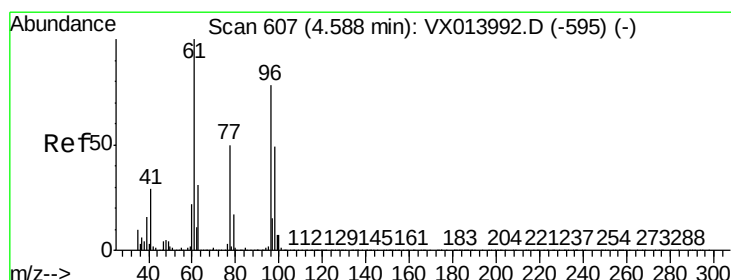
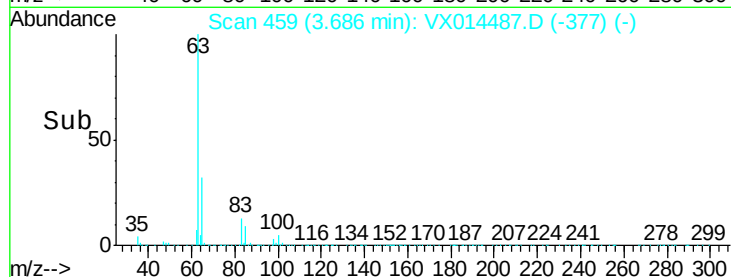
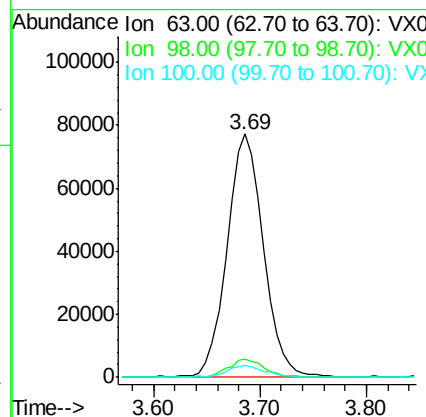
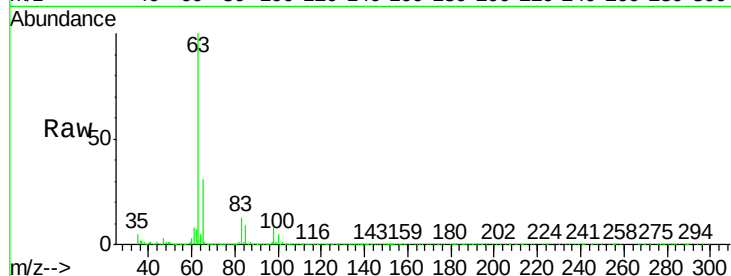
#21
1,1-Dichloroethane
Concen: 21.018 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.4	10.1
100	4.9	2.5	7.4

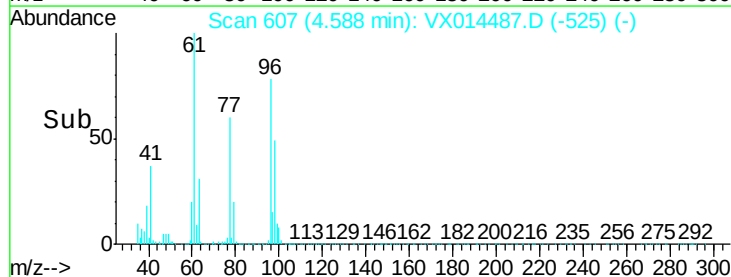
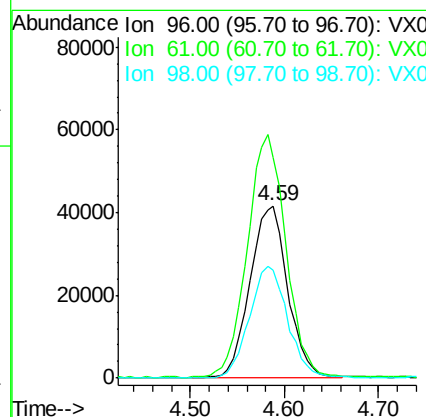
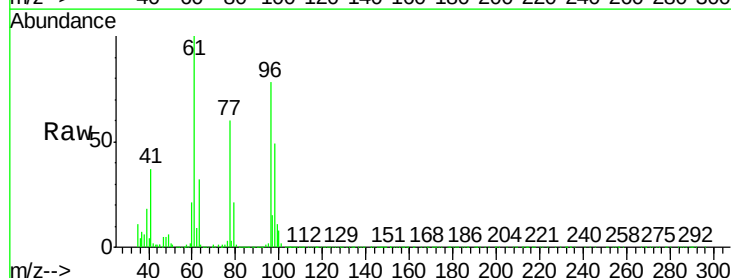
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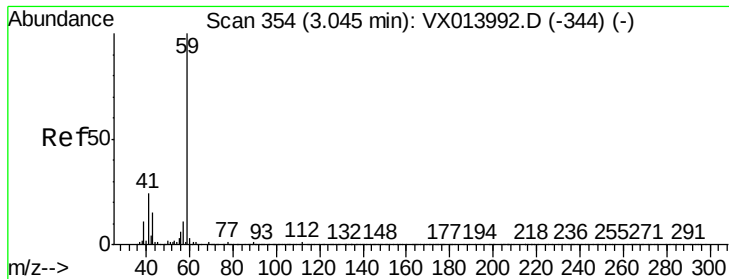
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#22
cis-1,2-Dichloroethene
Concen: 21.065 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.5	112.4	168.6
98	65.0	50.3	75.5





#23

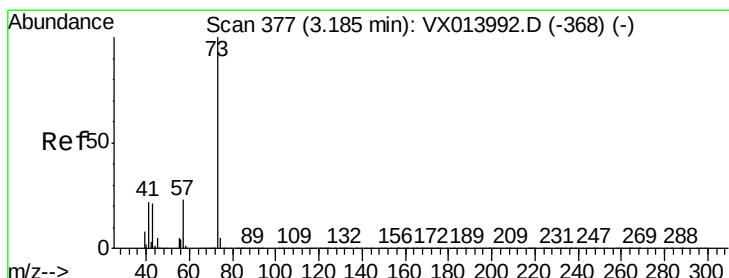
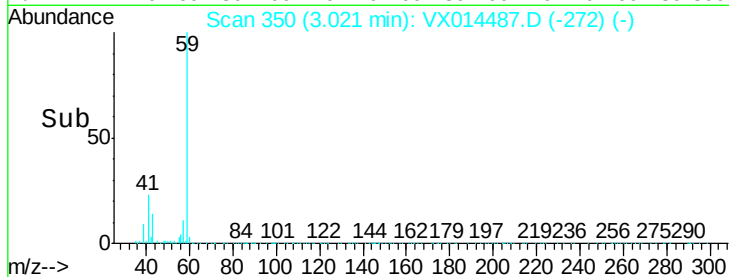
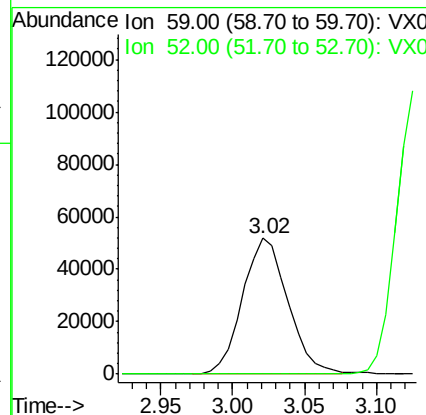
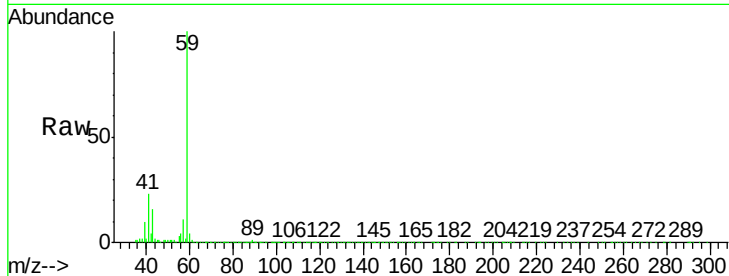
tert-Butyl Alcohol
Concen: 108.394 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.2	0.2#

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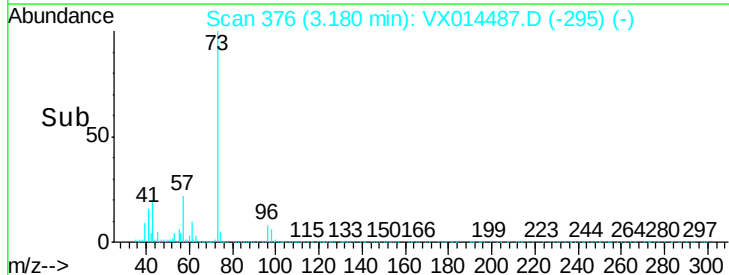
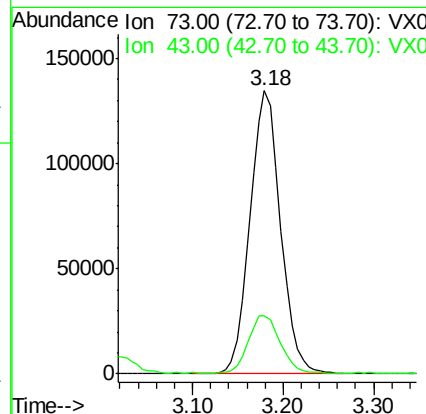
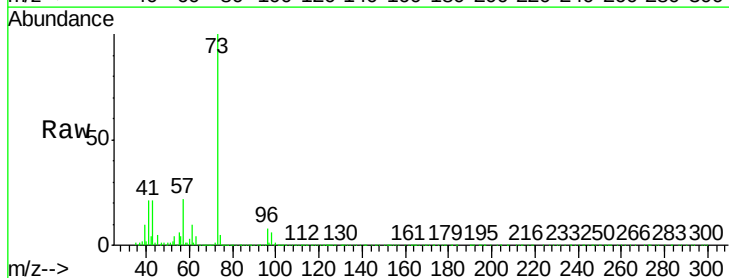
apatel
1/10/2020 8:34:37 AM

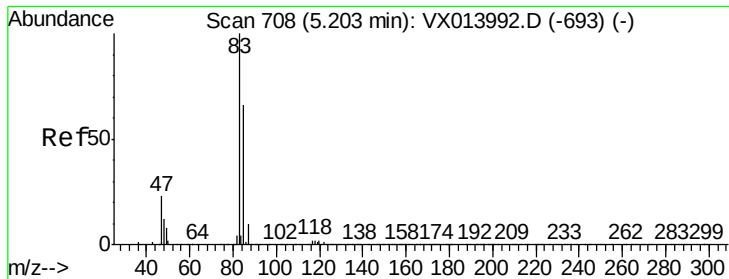


#24

Methyl tert-Butyl Ether
Concen: 21.175 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.8	16.6	25.0





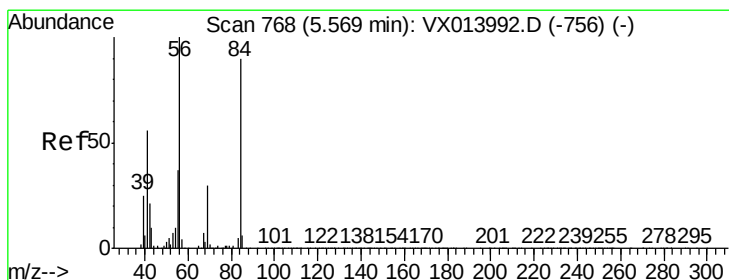
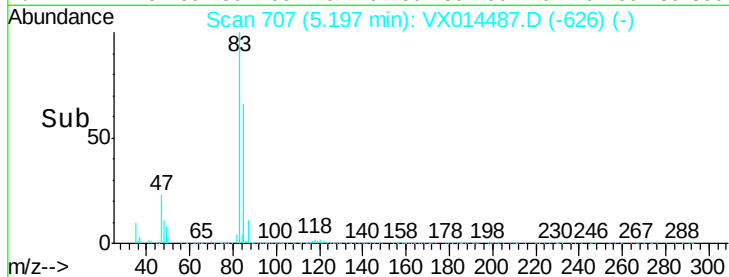
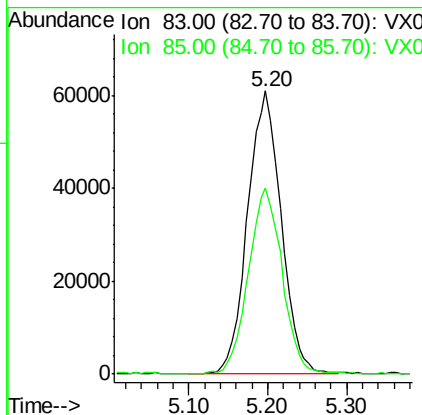
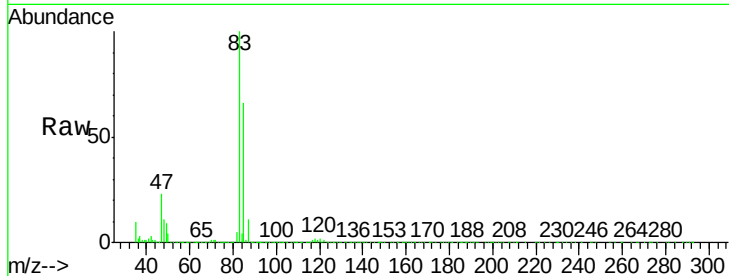
#25
Chloroform
Concen: 21.666 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	83	Resp	180619
Ion Ratio	100	Lower	Upper
85	65.4	52.7	79.1

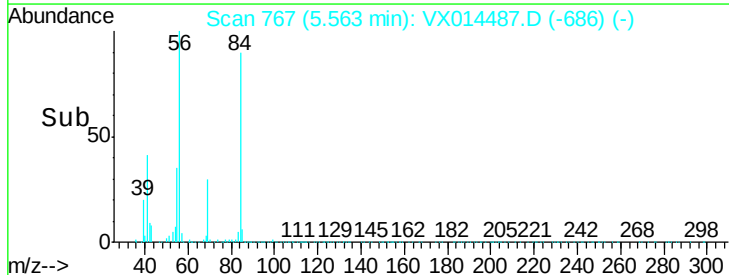
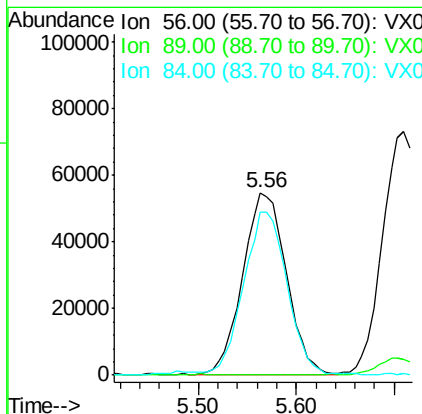
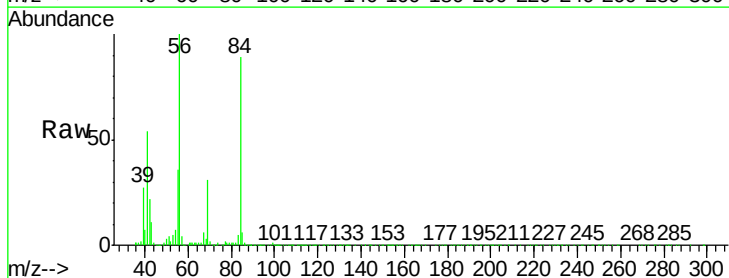
Manual Integrations
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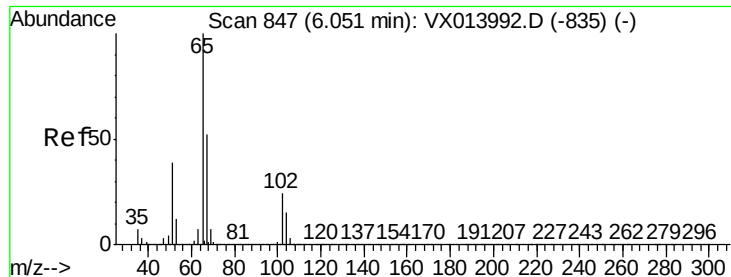
apatel
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#26
Cyclohexane
Concen: 21.788 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion	56	Resp	169880
Ion Ratio	100	Lower	Upper
89	0.1	0.1	0.1#
84	88.4	70.8	106.2





#27

1,2-Dichloroethane-d4

Concen: 29.349 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 65 Resp: 164013

Ion Ratio Lower Upper

65 100

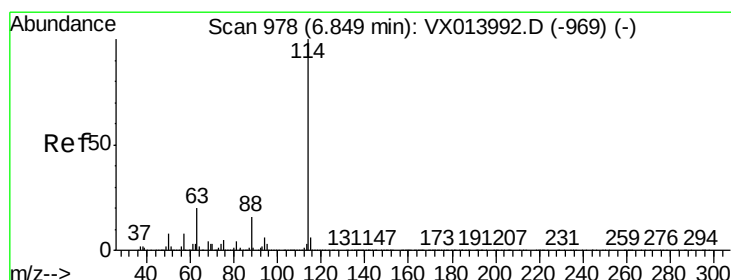
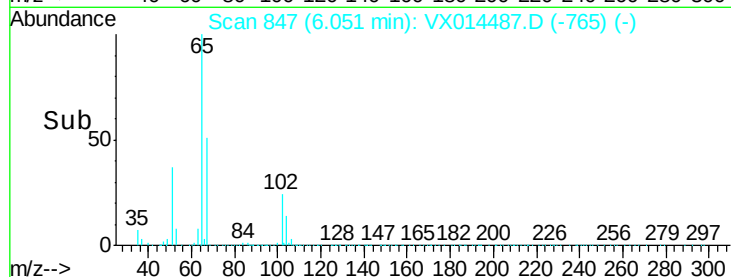
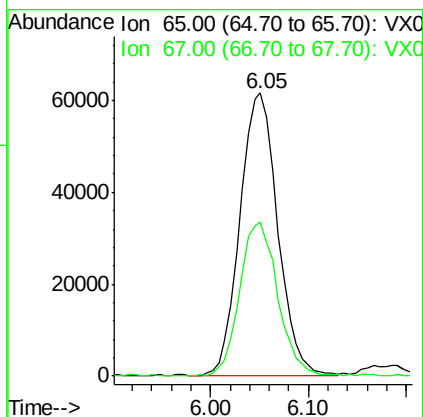
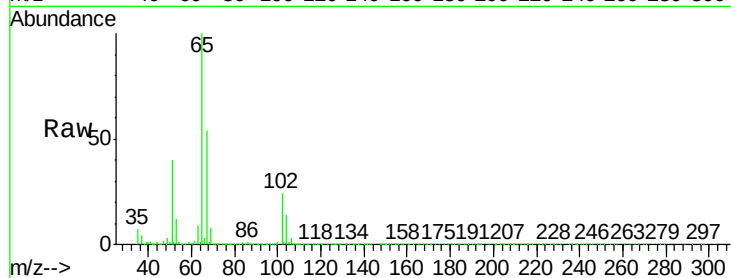
67 54.3 43.1 64.7

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

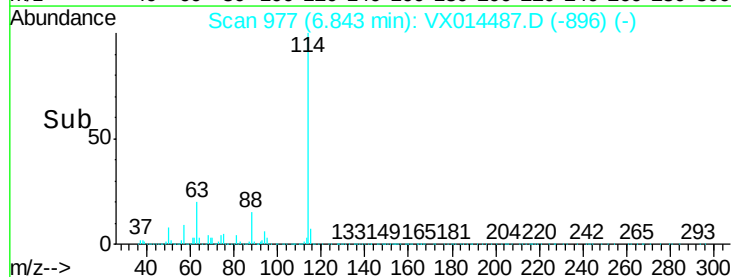
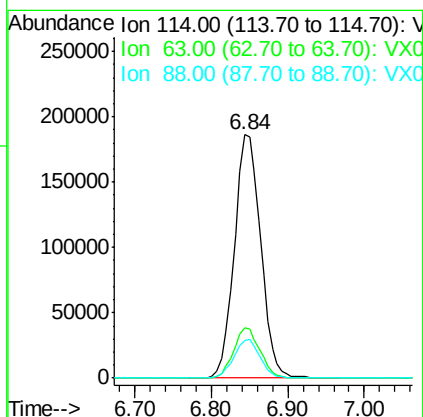
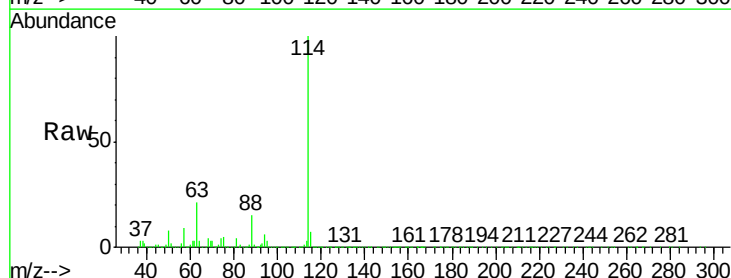
Tgt Ion: 114 Resp: 444711

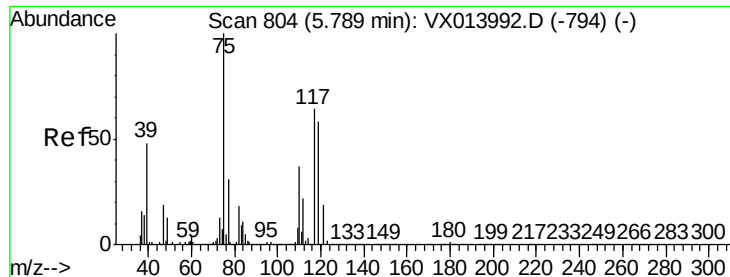
Ion Ratio Lower Upper

114 100

63 20.3 16.1 24.1

88 15.6 12.5 18.7





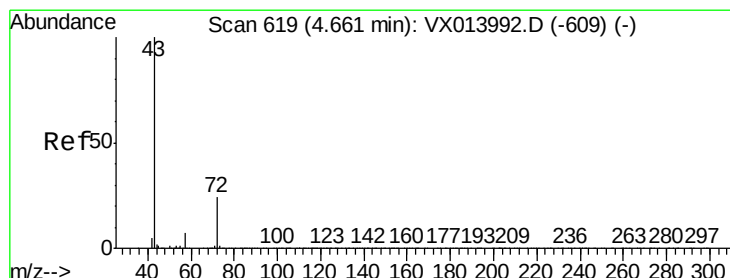
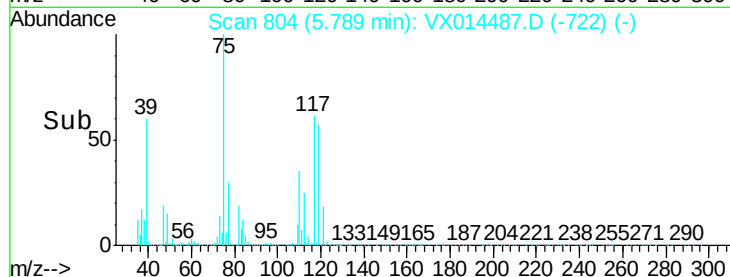
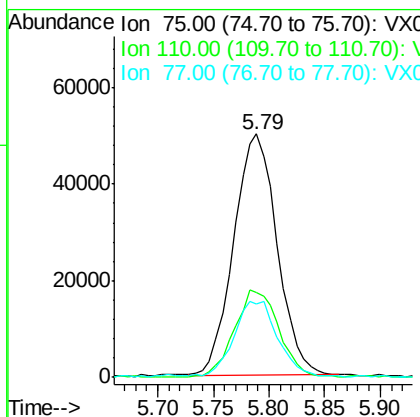
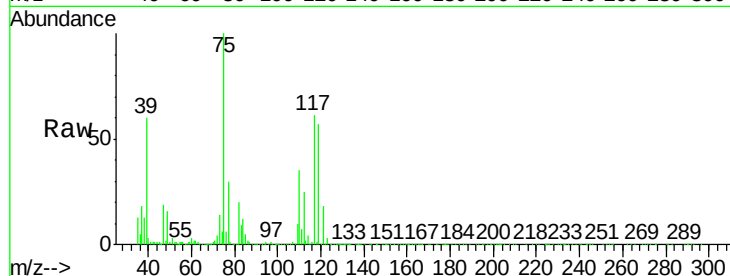
#29
 1,1-Dichloropropene
 Concen: 21.049 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.6	0.0	73.8
77	31.7	0.0	62.4

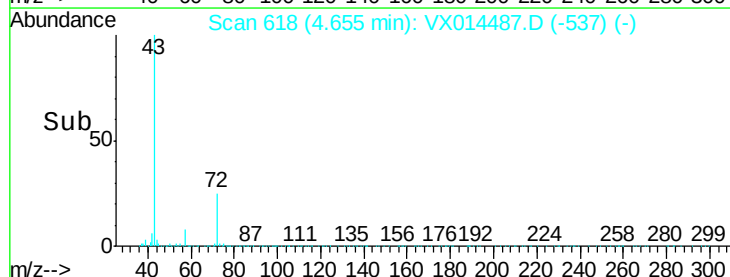
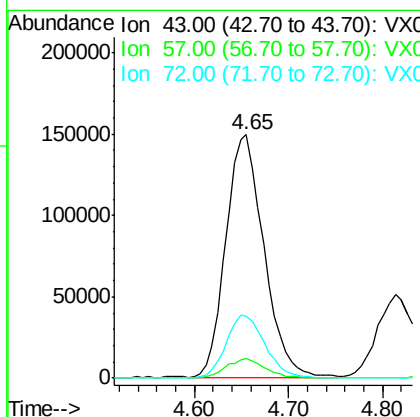
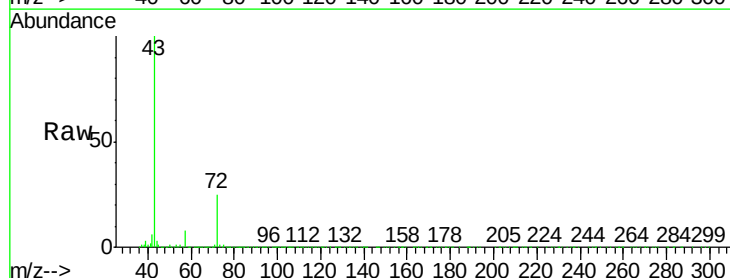
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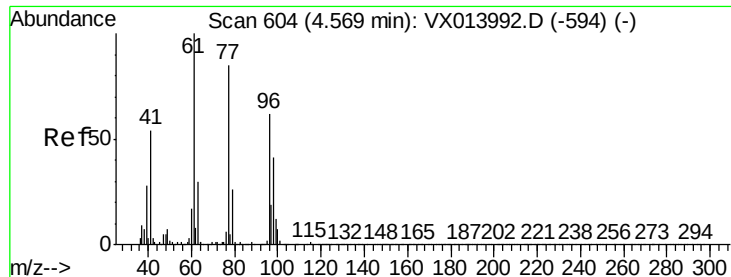
apatel
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#30
 2-Butanone
 Concen: 110.998 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.2	9.2
72	25.6	20.3	30.5





#31

2,2-Dichloropropane

Concen: 25.645 ug/l m

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 77 Resp: 152383

Ion Ratio Lower Upper

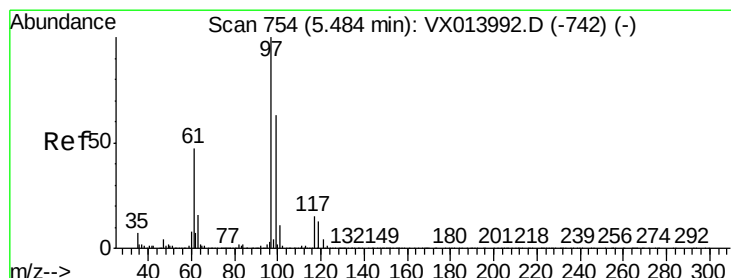
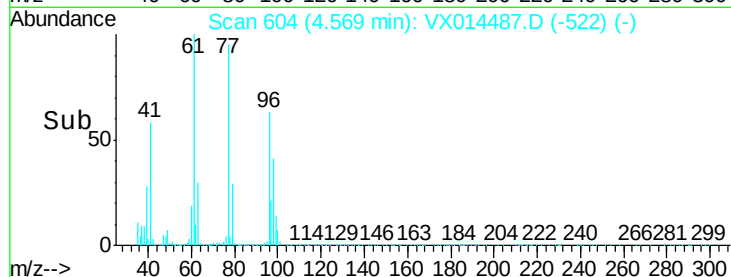
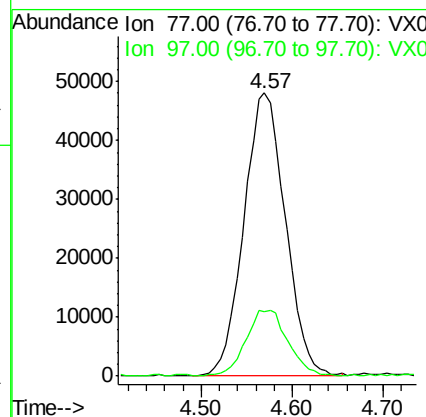
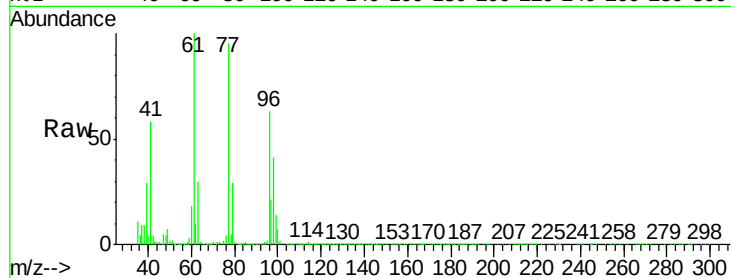
77 100

97 0.0 19.7 29.5#

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#32

1,1,1-Trichloroethane

Concen: 21.071 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

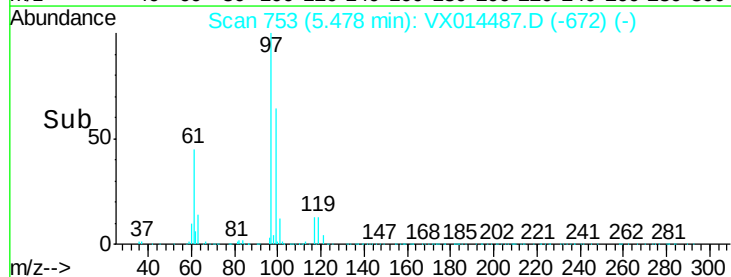
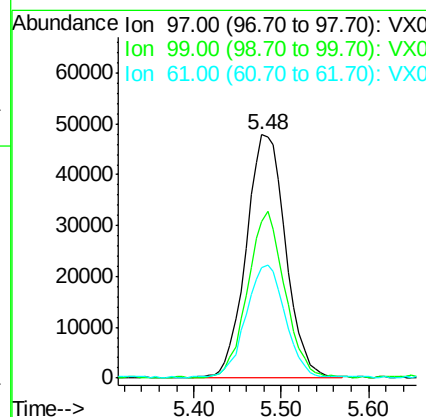
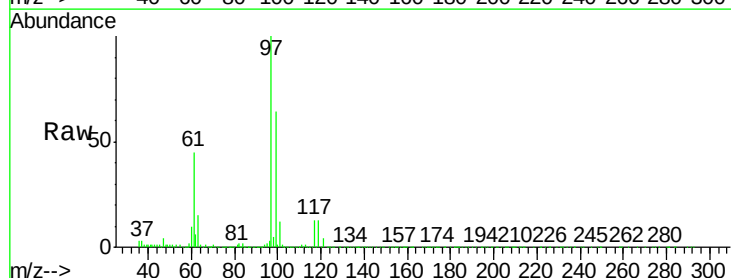
Tgt Ion: 97 Resp: 149710

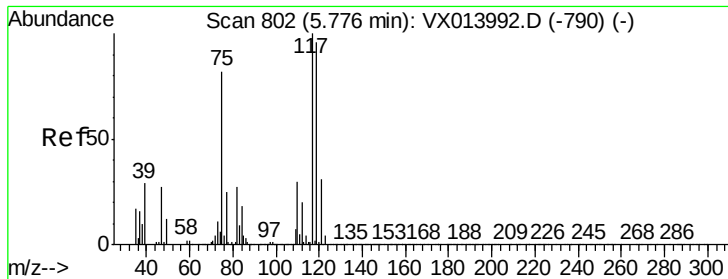
Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 45.5 36.8 55.2





#33

Carbon Tetrachloride

Concen: 21.289 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

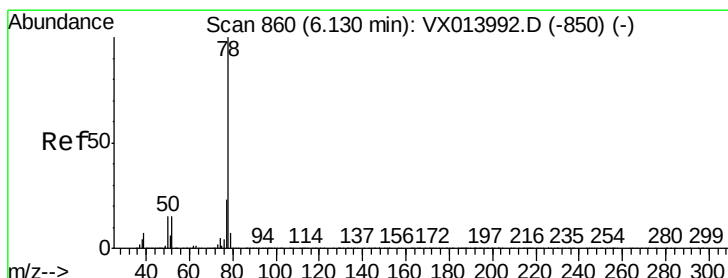
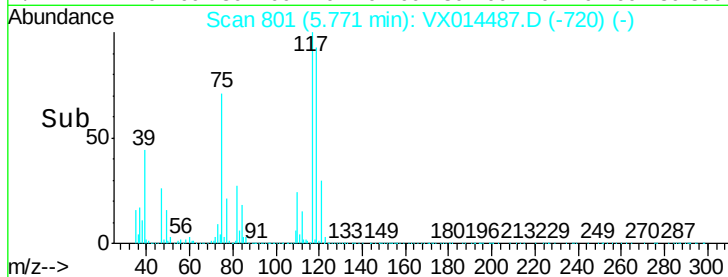
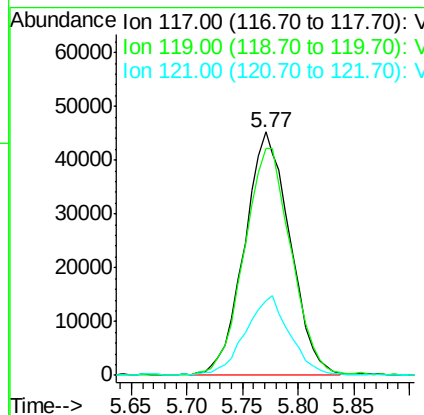
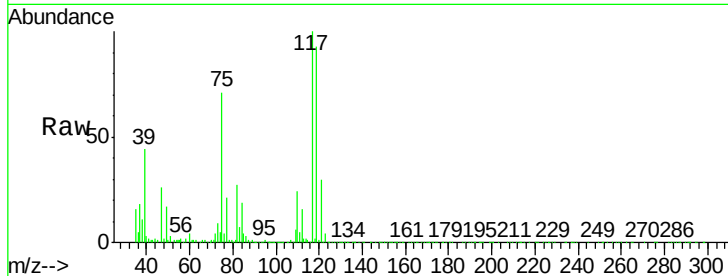
ClientSampleId :

VSTDCCC020

Tot Ion:	117	Resp:	128584
Ion Ratio	Lower	Upper	
117	100		
119	93.1	77.2	115.8
121	30.1	24.8	37.2

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#34

Benzene

Concen: 21.228 ug/l

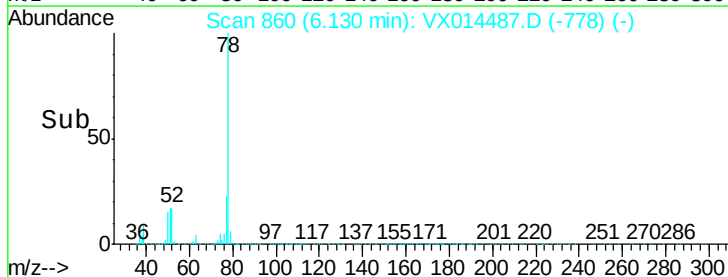
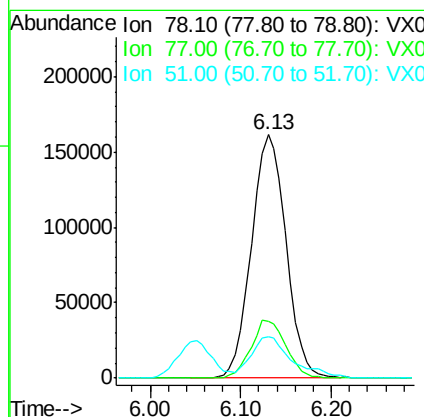
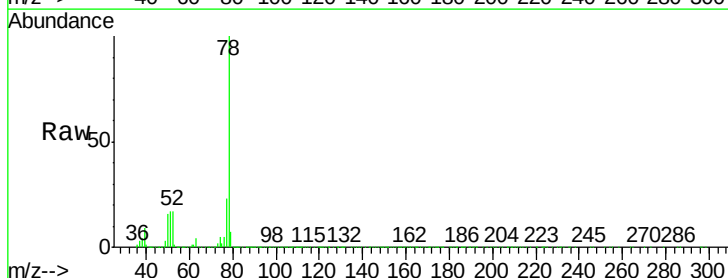
RT: 6.13 min Scan# 860

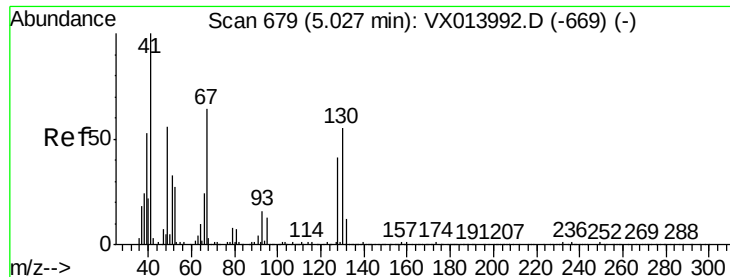
Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion:	78	Resp:	425194
Ion Ratio	Lower	Upper	
78	100		
77	23.0	18.2	27.2
51	15.7	12.4	18.6





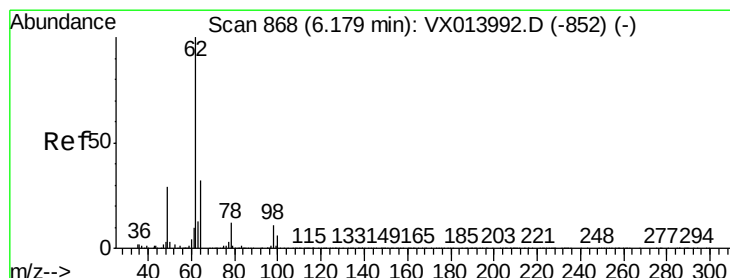
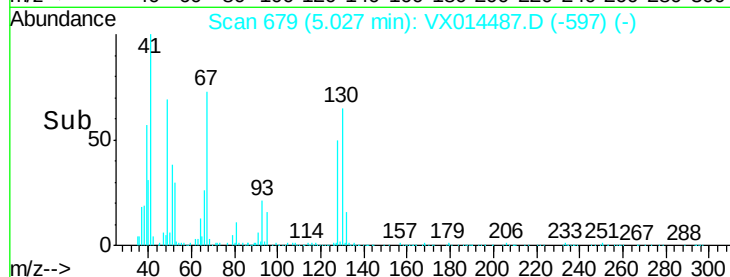
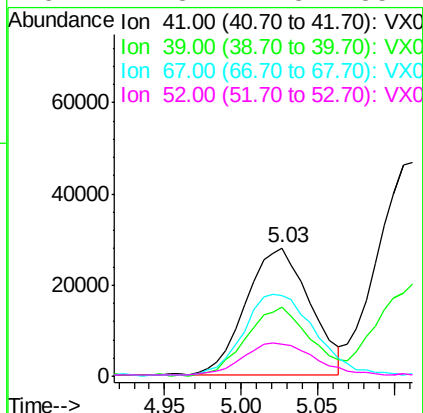
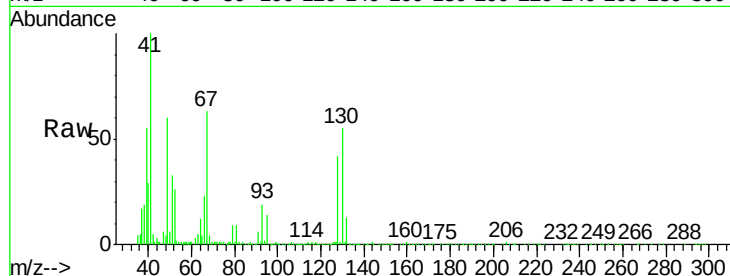
#35
Methacrylonitrile
Concen: 19.826 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	26.7	80.1	
67	62.5	31.5	94.5	
52	24.8	12.8	38.4	

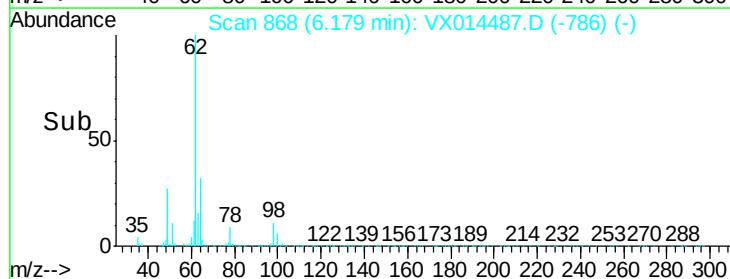
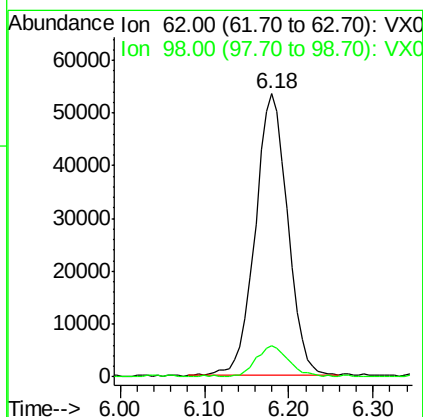
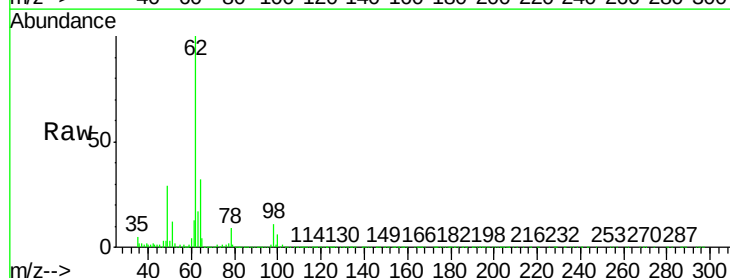
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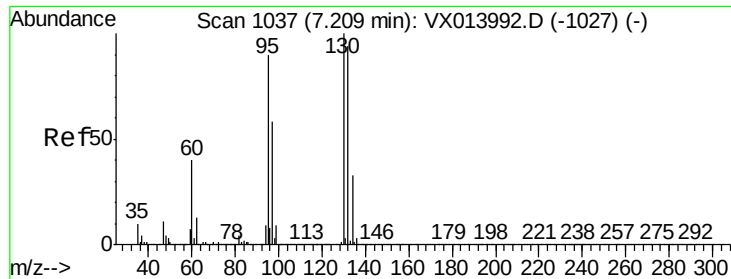
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#36
1,2-Dichloroethane
Concen: 20.352 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	8.4	12.6	





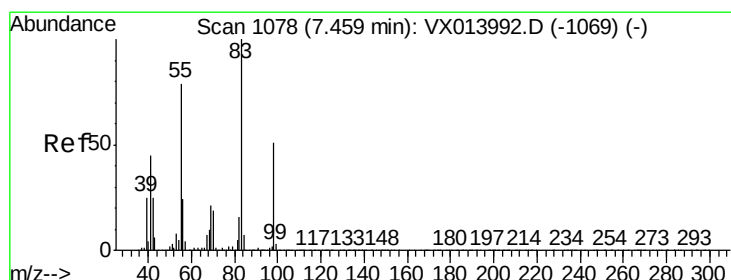
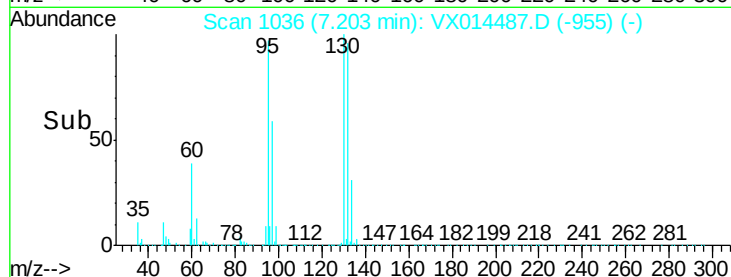
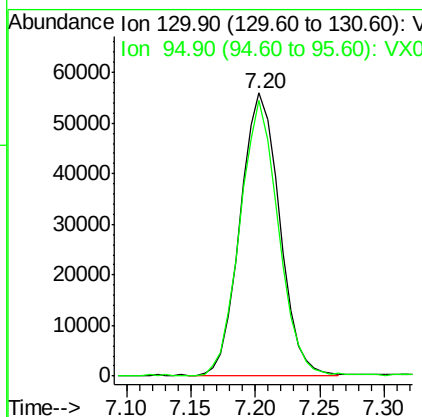
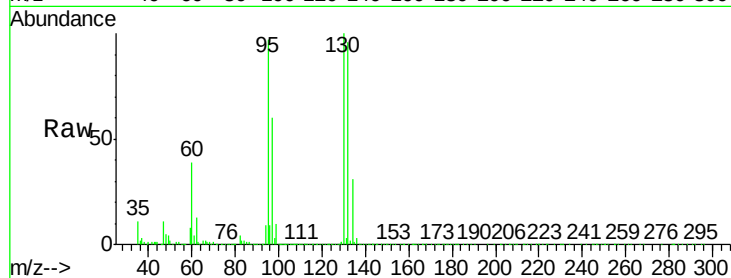
#37
 Trichloroethene
 Concen: 21.624 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:130 Resp: 117857
 Ion Ratio Lower Upper
 130 100
 95 97.3 71.7 107.5

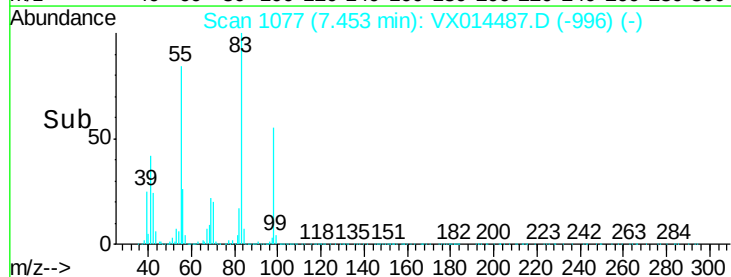
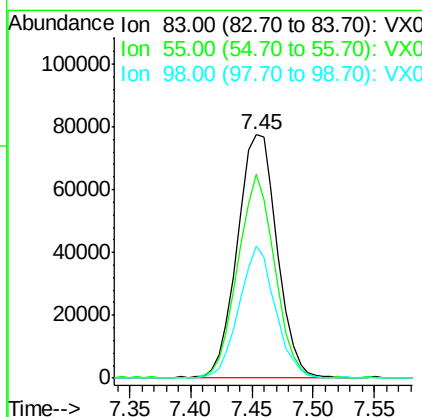
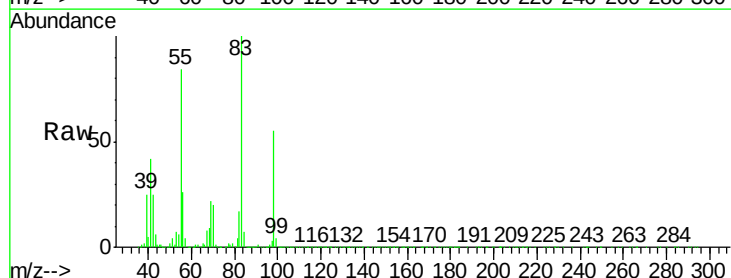
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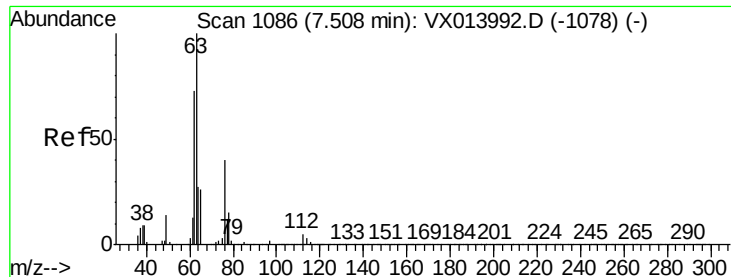
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#38
 Methylcyclohexane
 Concen: 22.675 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Tgt Ion: 83 Resp: 173745
 Ion Ratio Lower Upper
 83 100
 55 77.4 39.4 118.1
 98 49.7 25.1 75.3





#39

1,2-Dichloropropane

Concen: 20.538 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 63 Resp: 106845

Ion Ratio Lower Upper

63 100

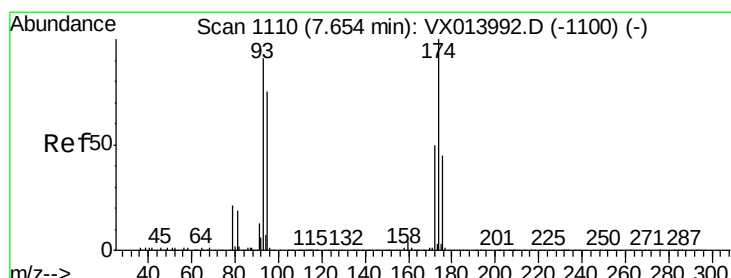
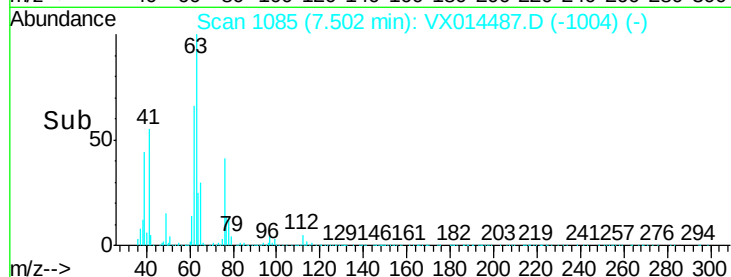
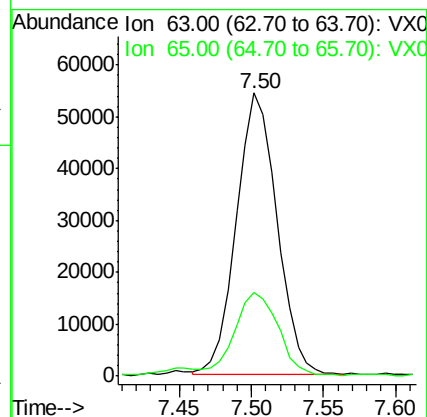
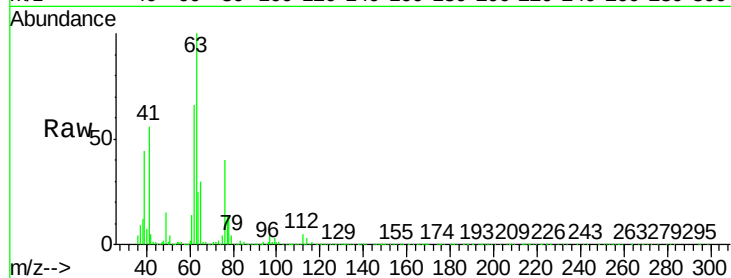
65 29.7 22.1 33.1

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#40

Dibromomethane

Concen: 20.814 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

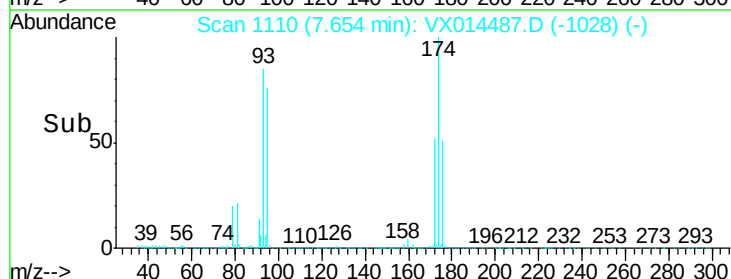
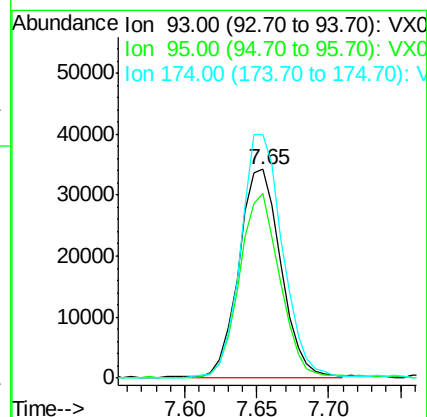
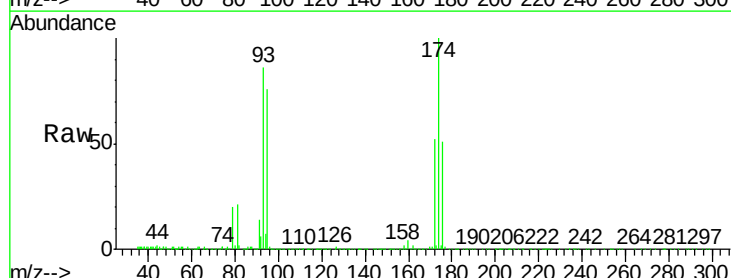
Tgt Ion: 93 Resp: 69172

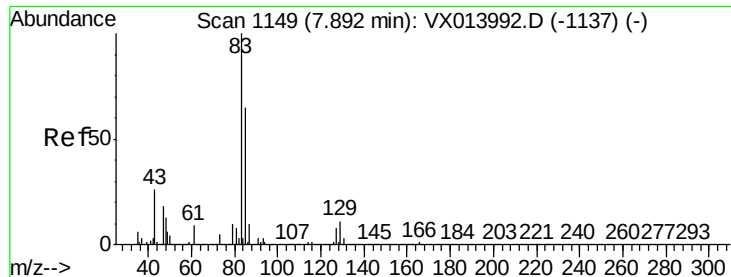
Ion Ratio Lower Upper

93 100

95 85.2 0.0 164.4

174 116.9 0.0 228.8





#41

Bromodichloromethane

Concen: 21.168 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

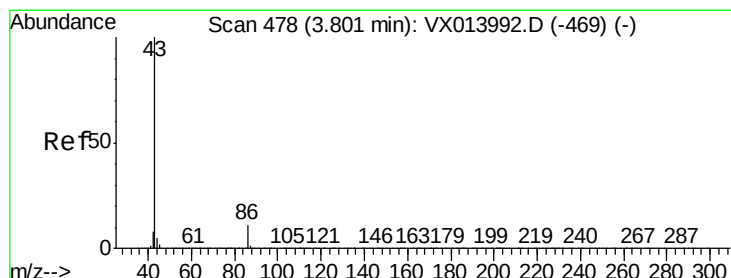
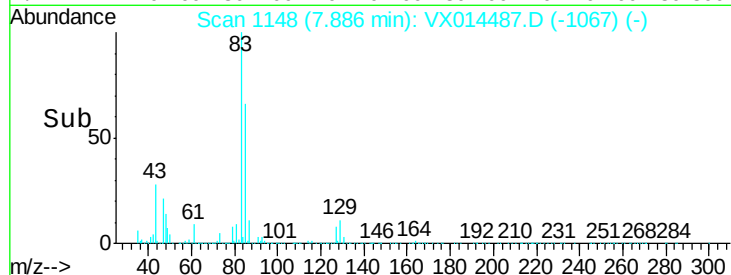
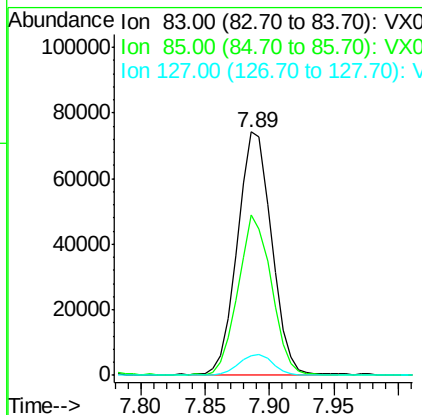
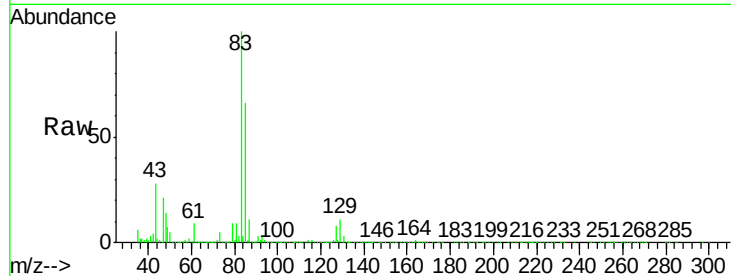
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	136216
Ion Ratio		Lower	Upper
83	100		
85	65.9	51.6	77.4
127	7.7	6.0	9.0

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#42

Vinyl Acetate

Concen: 106.545 ug/l

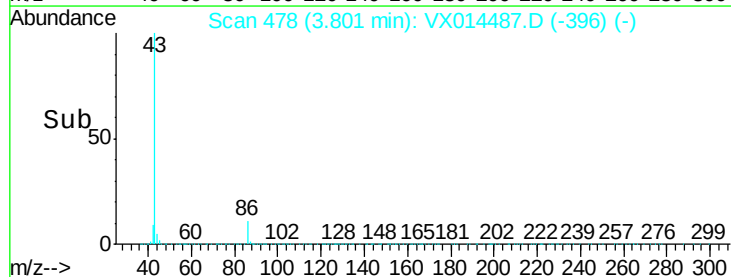
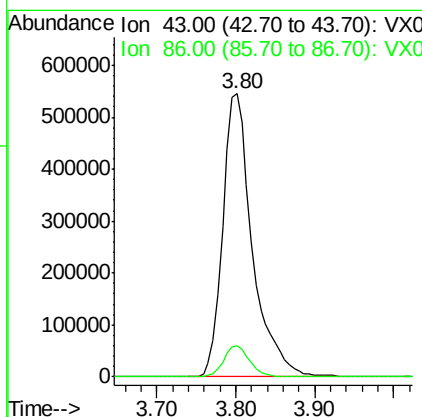
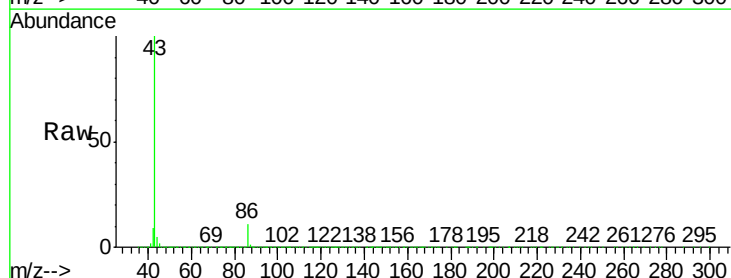
RT: 3.80 min Scan# 478

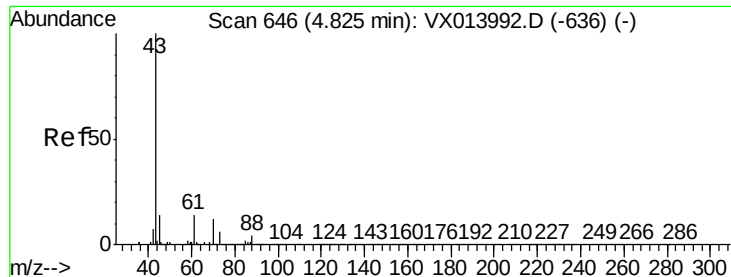
Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion:	43	Resp:	1424265
Ion Ratio		Lower	Upper
43	100		
86	9.6	7.7	11.5





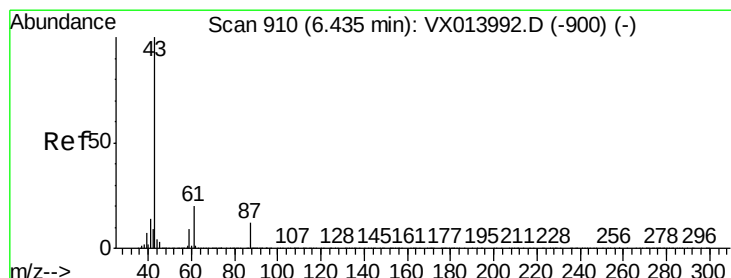
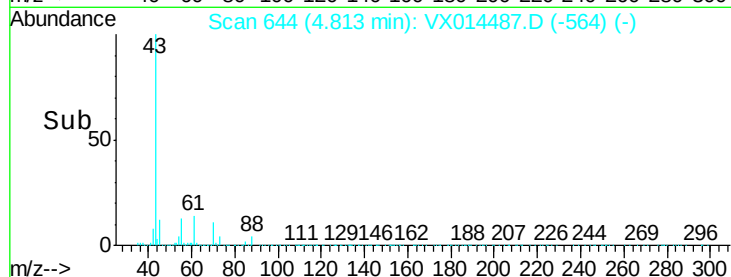
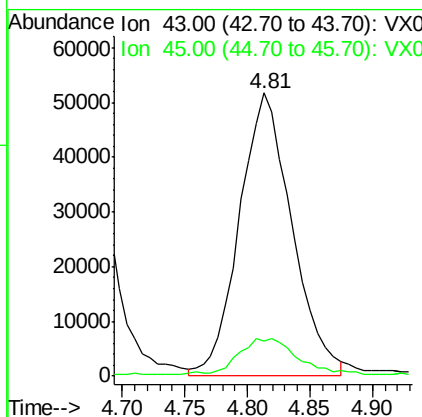
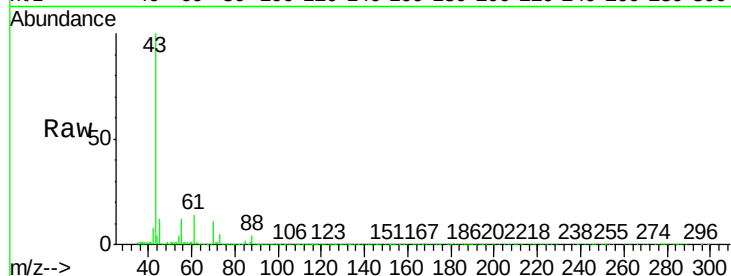
#43
Ethyl Acetate
Concen: 20.736 ug/l m
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
45	0.1	11.8	17.8#

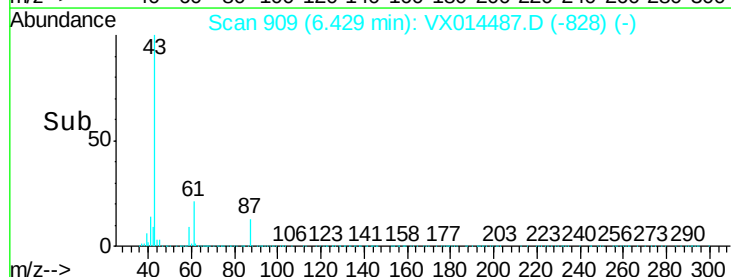
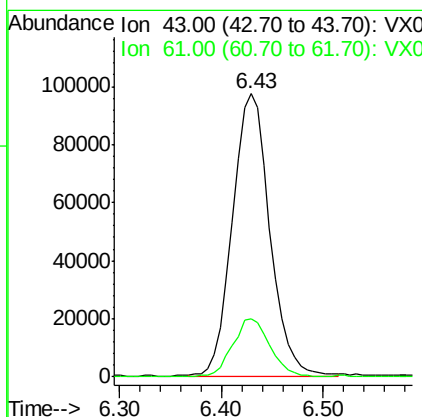
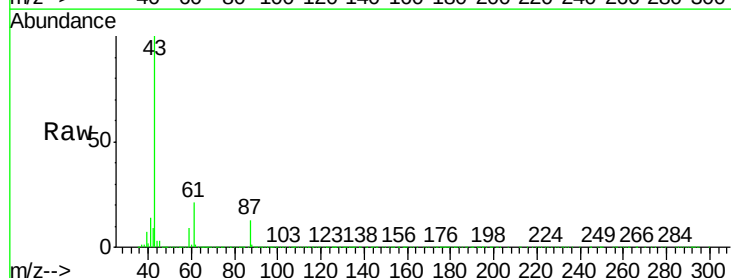
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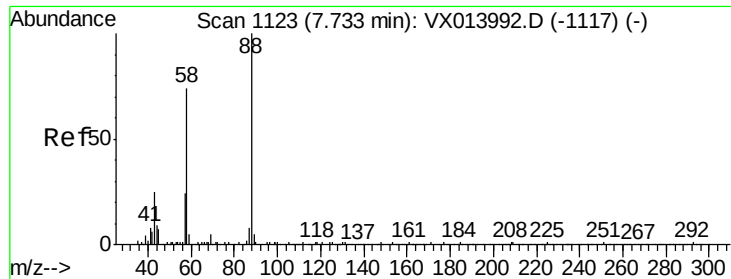
apatel
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#44
Isopropyl Acetate
Concen: 20.223 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.9	23.9





#45

1,4-Dioxane

Concen: 462.648 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

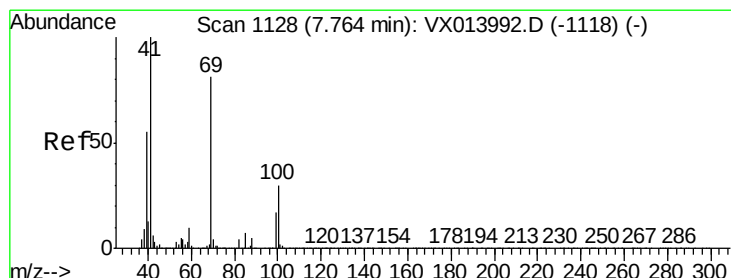
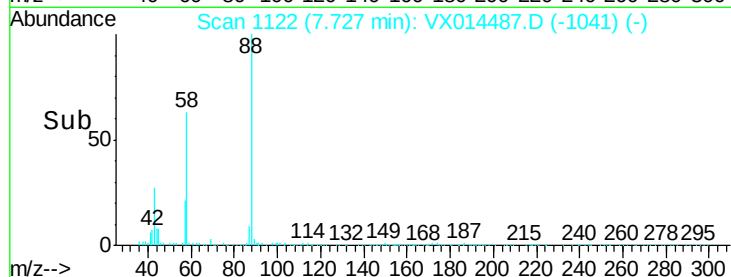
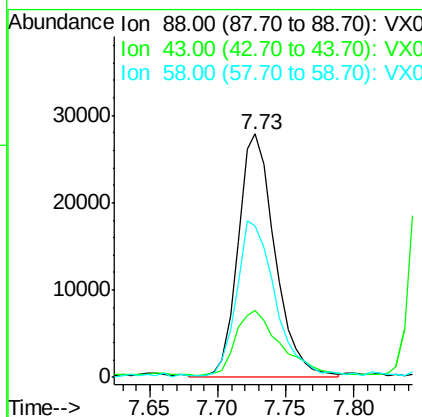
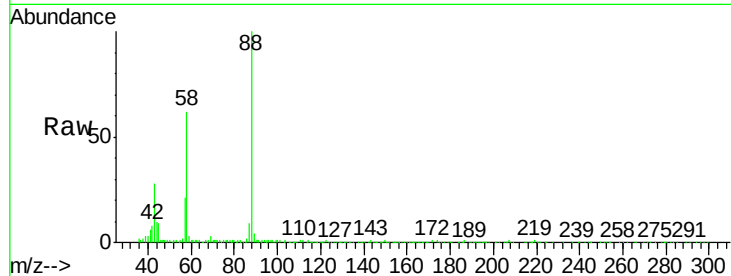
ClientSampleId :

VSTDCCC020

Tot Ion:	88	Resp:	52719
Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.4	38.2
58	65.9	56.5	84.7

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#46

Methyl methacrylate

Concen: 20.065 ug/l

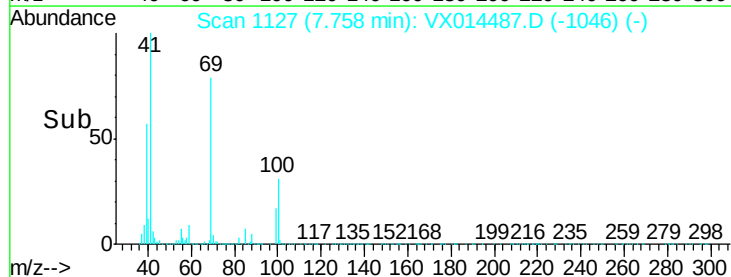
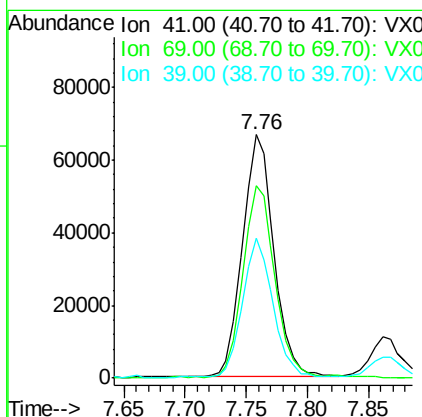
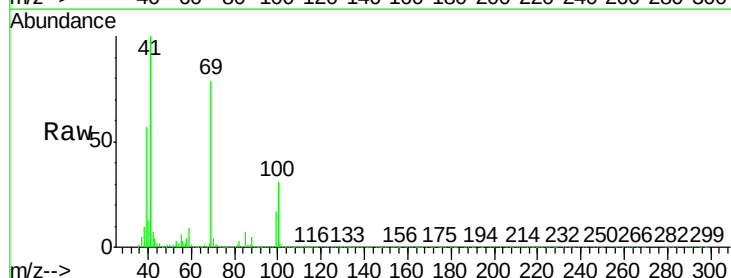
RT: 7.76 min Scan# 1127

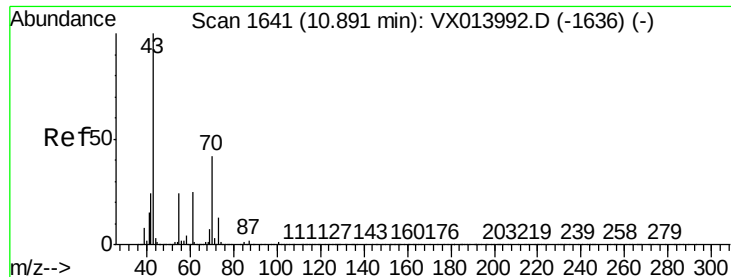
Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion:	41	Resp:	118593
Ion	Ratio	Lower	Upper
41	100		
69	79.0	40.6	122.0
39	57.0	27.8	83.3





#47

n-amvl Acetate

Concen: 19.109 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 206750

Ion Ratio Lower Upper

43 100

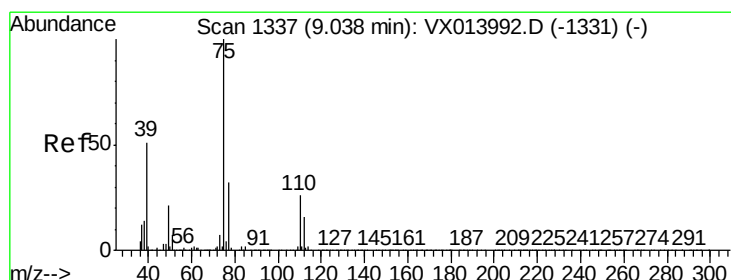
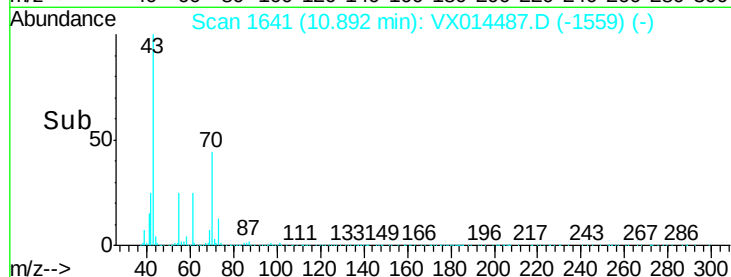
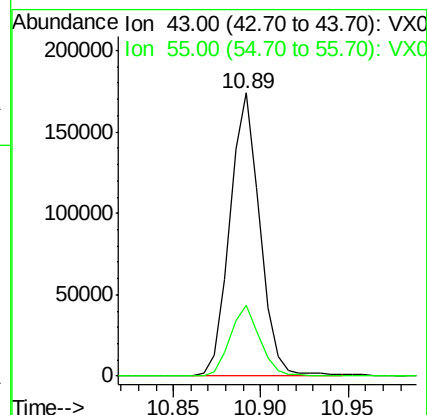
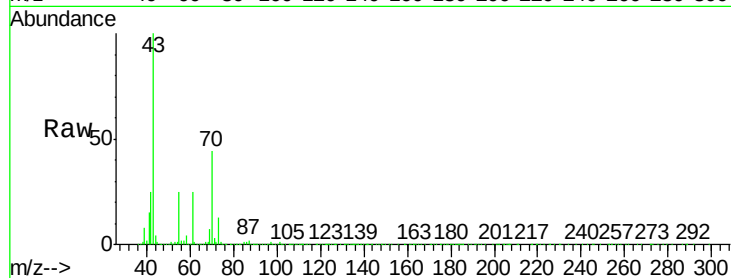
55 25.1 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 21.642 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014487.D

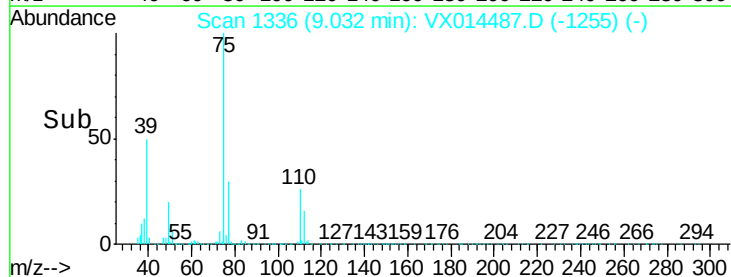
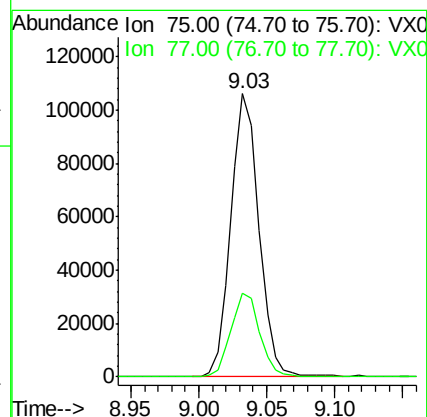
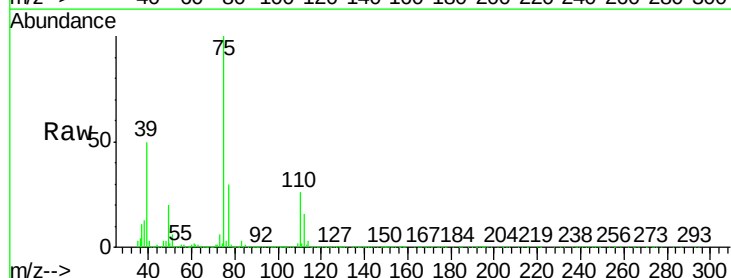
Acq: 09 Jan 2020 09:54

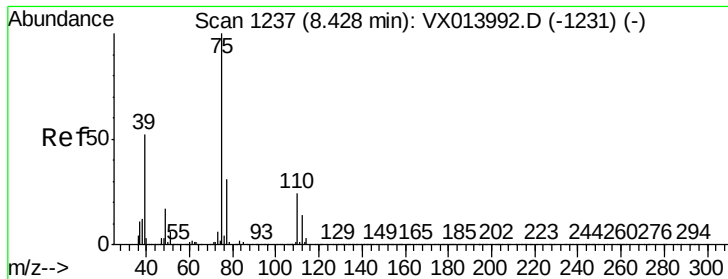
Tgt Ion: 75 Resp: 152002

Ion Ratio Lower Upper

75 100

77 29.6 26.0 39.0





#49

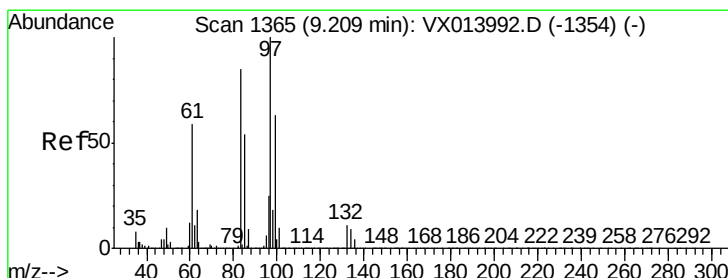
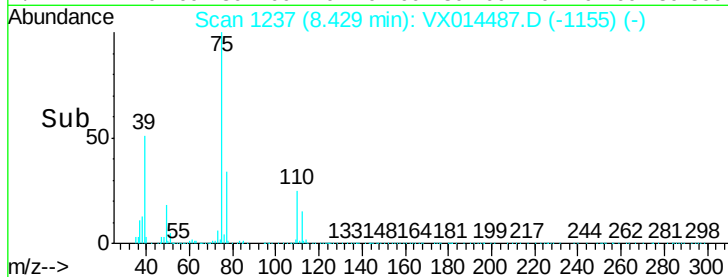
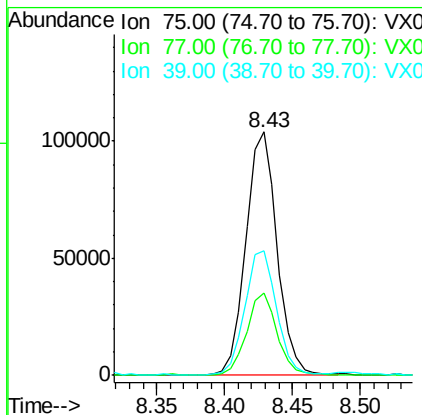
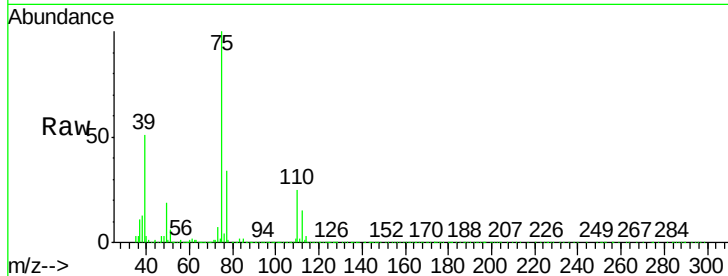
cis-1,3-Dichloropropene
Concen: 21.112 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.7	24.8	37.2
39	50.9	41.1	61.7

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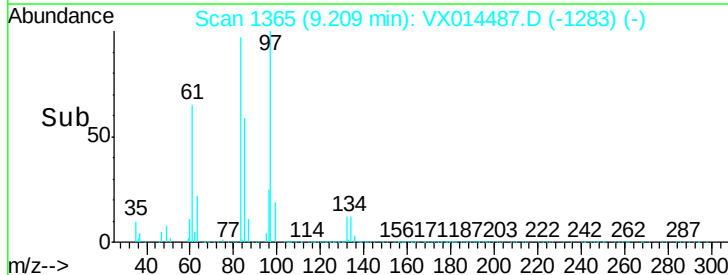
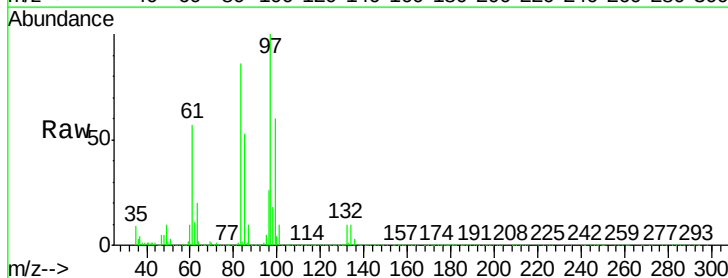
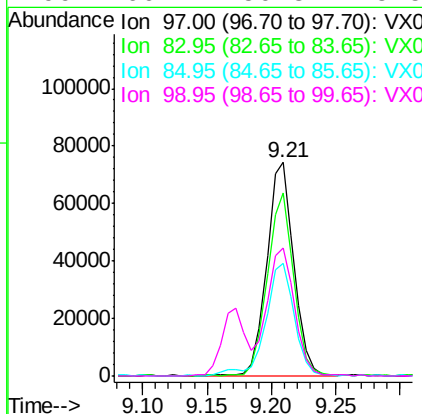
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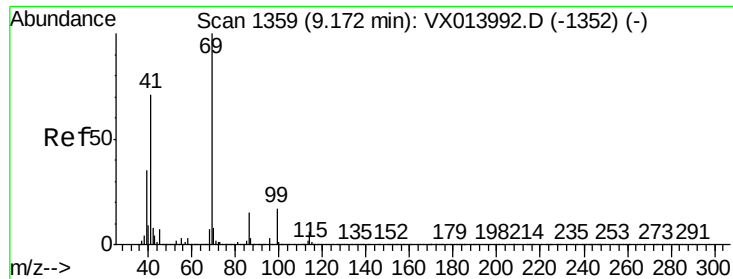


#50

1,1,2-Trichloroethane
Concen: 20.968 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.1	102.1
85	52.5	42.7	64.1
99	60.1	50.3	75.5





#51

Ethyl methacrylate

Concen: 20.145 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

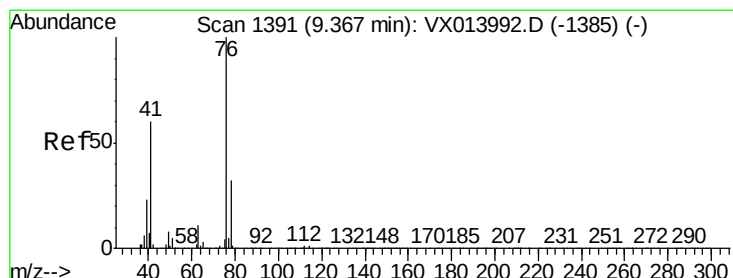
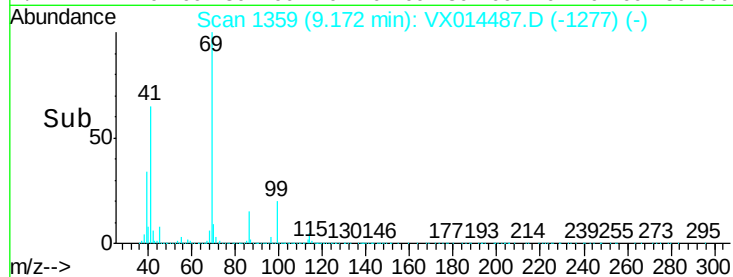
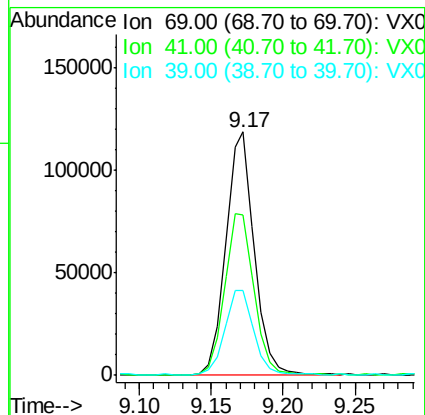
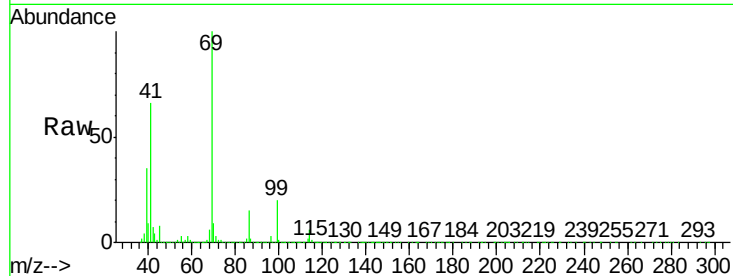
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	164347
Ion Ratio	Lower	Upper	
69	100		
41	65.6	35.4	106.1
39	34.4	17.8	53.3

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#52

1,3-Dichloropropane

Concen: 20.559 ug/l

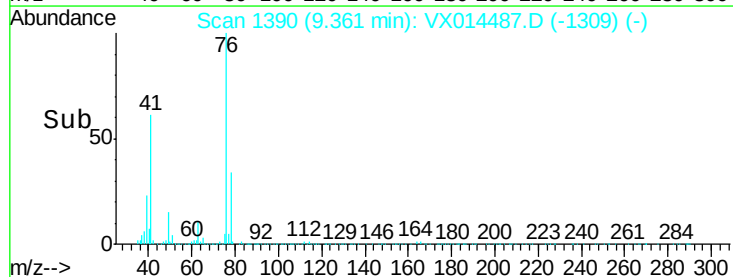
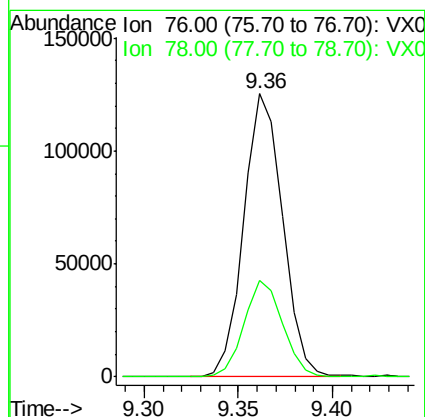
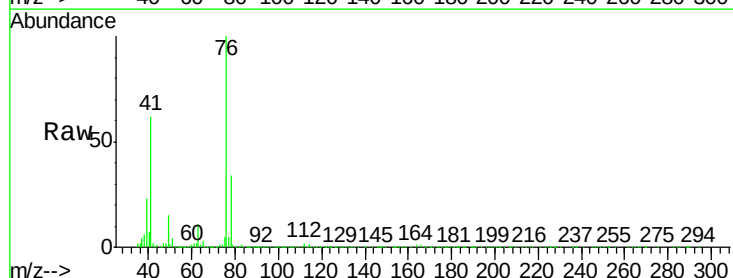
RT: 9.36 min Scan# 1390

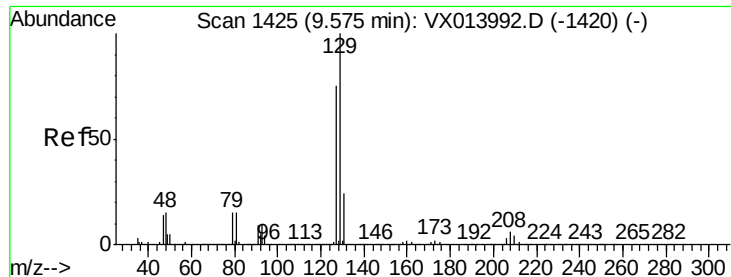
Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion:	76	Resp:	179147
Ion Ratio	Lower	Upper	
76	100		
78	33.6	0.0	63.4





#53

Dibromochloromethane

Concen: 21.400 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 109750

Ion Ratio Lower Upper

129 100

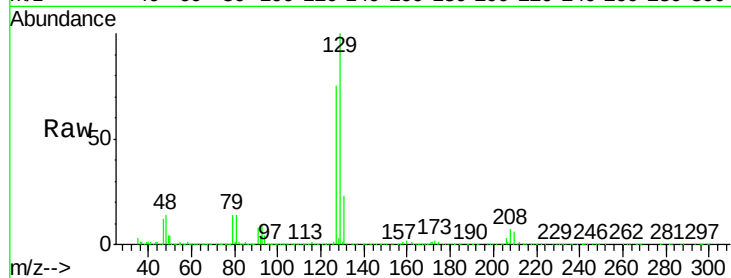
127 73.9 39.1 117.5

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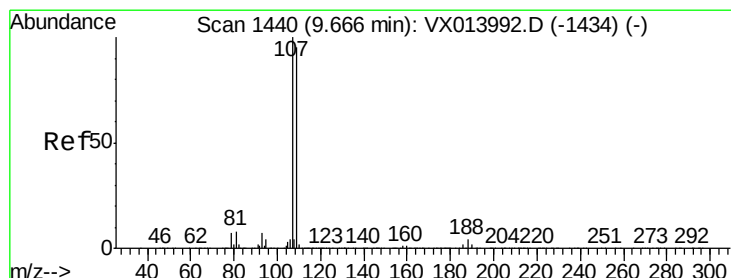
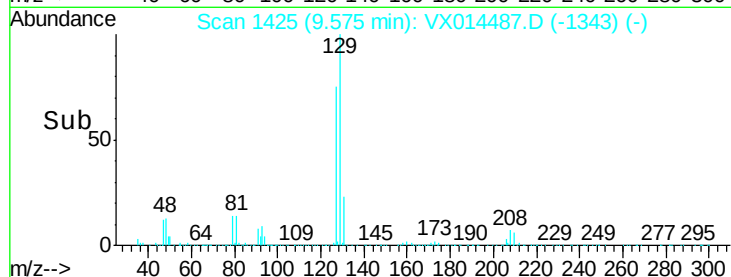
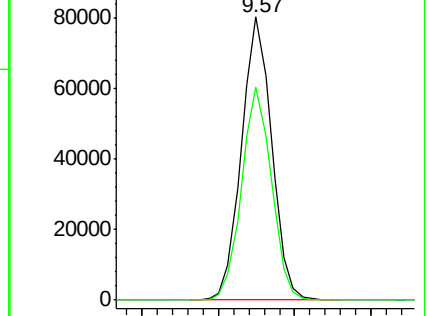
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.965 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014487.D

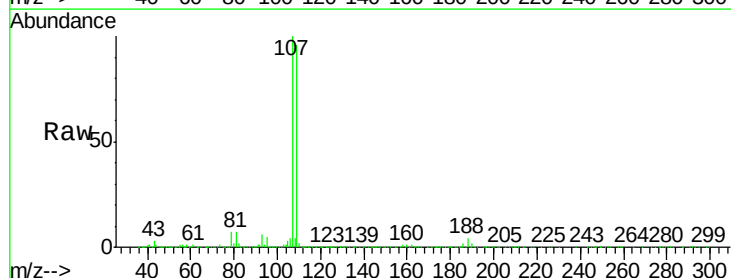
Acq: 09 Jan 2020 09:54

Tgt Ion:107 Resp: 110713

Ion Ratio Lower Upper

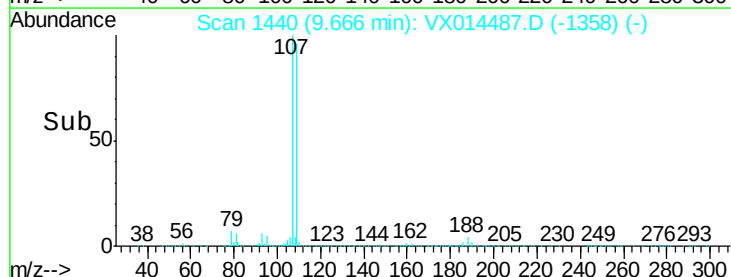
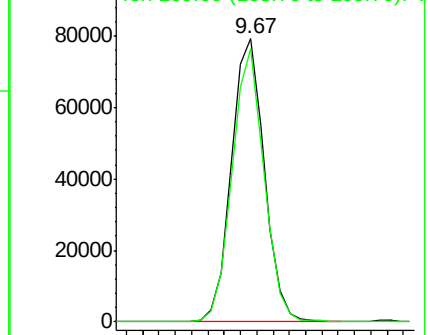
107 100

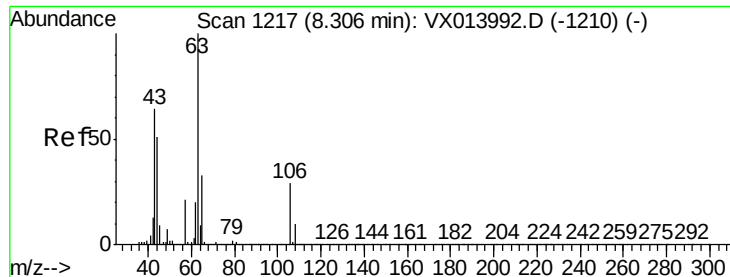
109 93.8 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 100.356 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

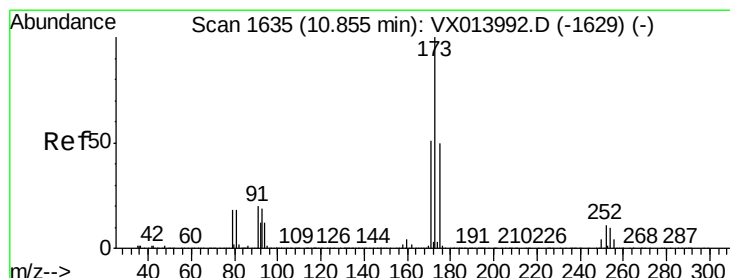
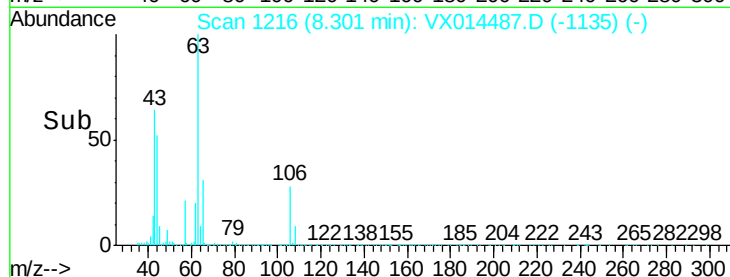
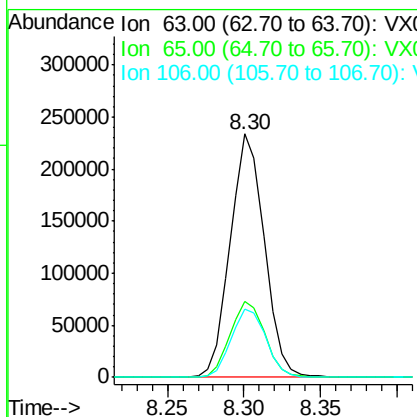
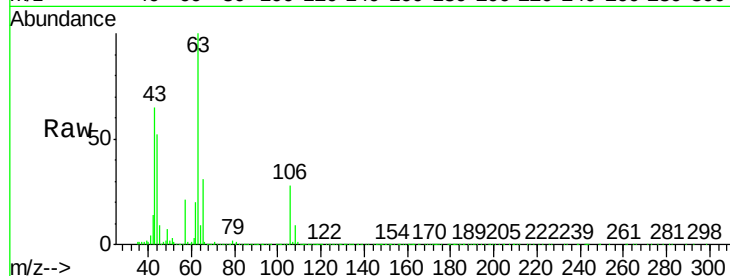
ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	360910
Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.8	38.6
106	28.7	22.9	34.3

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#56

Bromoform

Concen: 20.170 ug/l

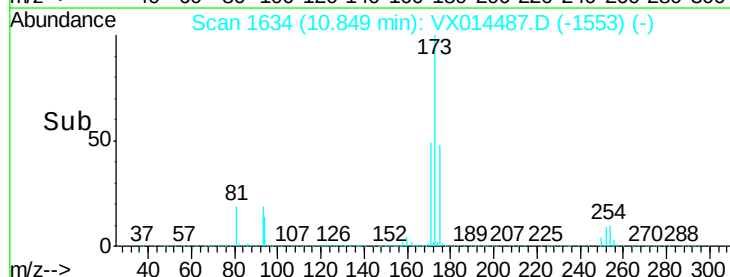
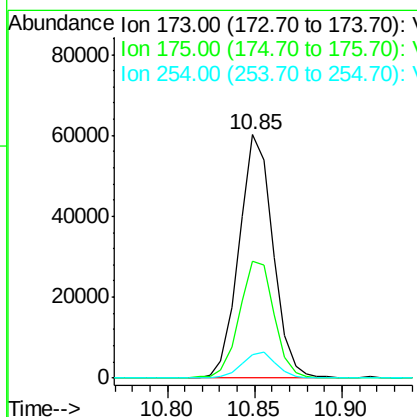
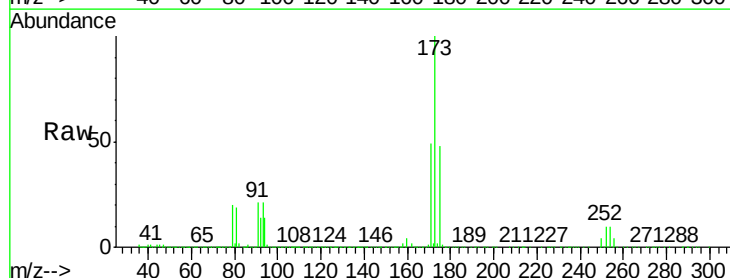
RT: 10.85 min Scan# 1634

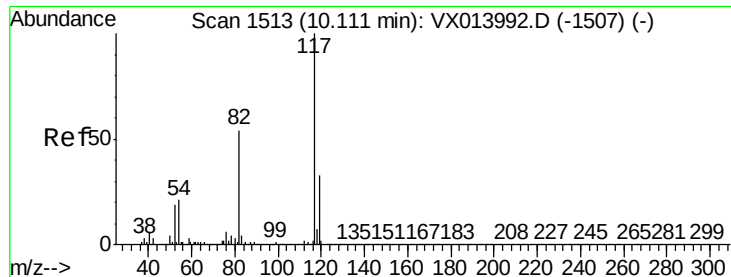
Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion:	173	Resp:	80667
Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.5	59.3
254	10.7	8.2	12.4





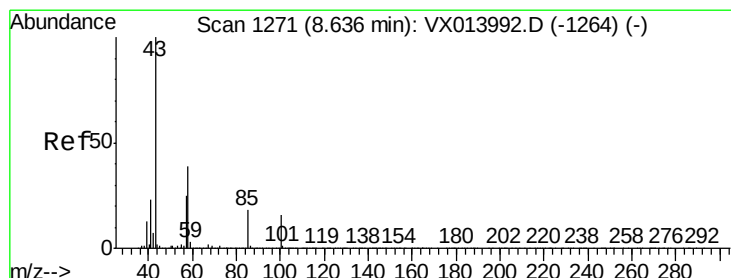
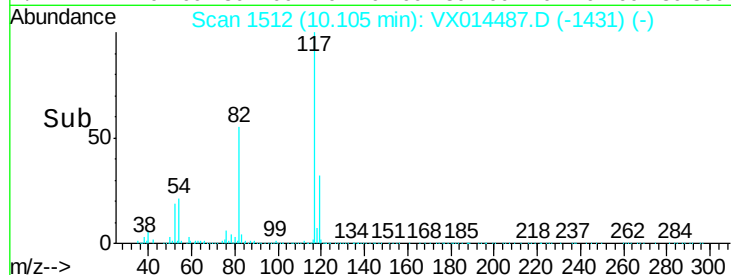
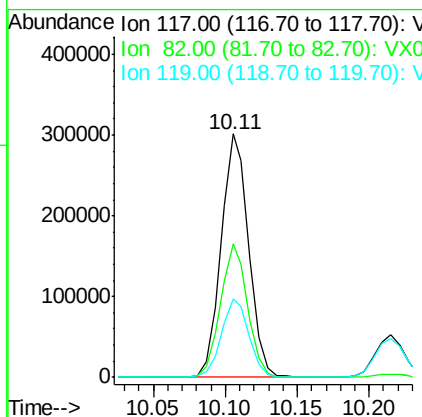
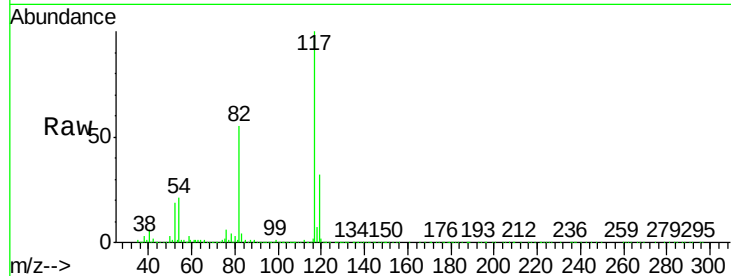
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.8	65.6
119	32.2	25.8	38.6

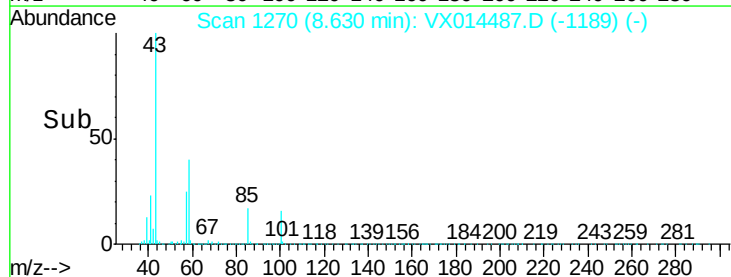
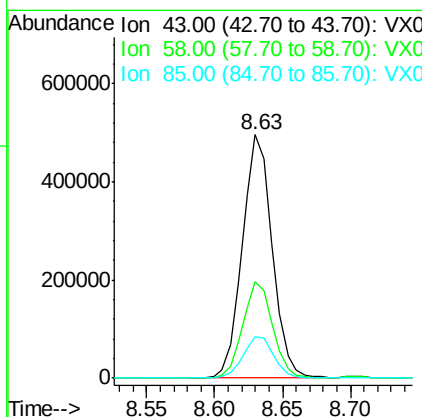
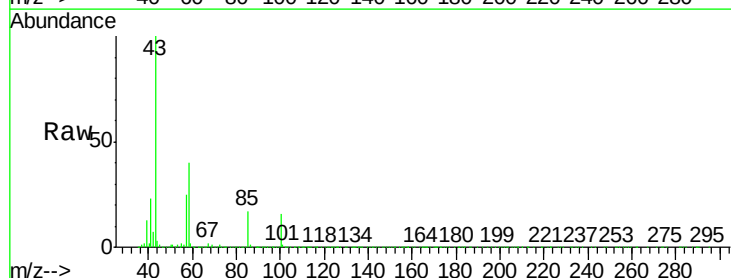
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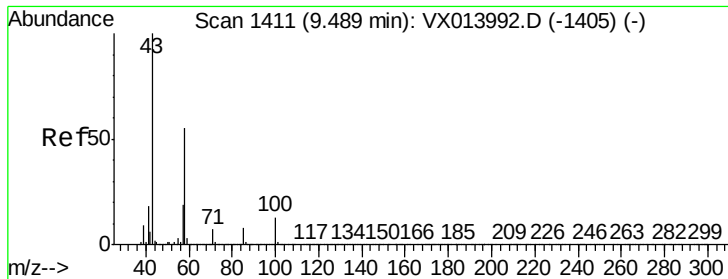
apatel
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#58
4-Methyl-2-Pentanone
Concen: 100.361 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.2	46.8
85	17.5	14.2	21.2





#59

2-Hexanone

Concen: 106.167 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

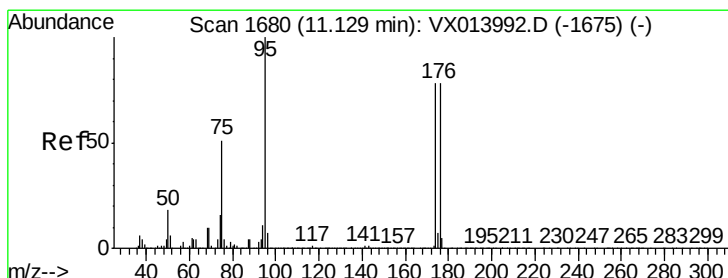
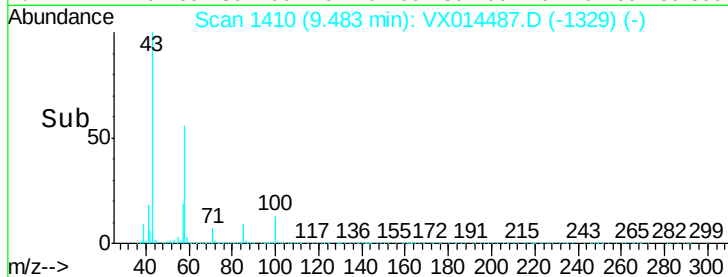
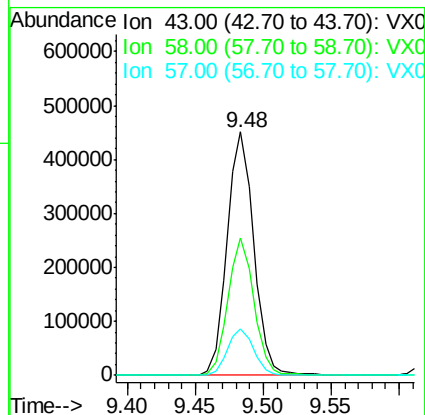
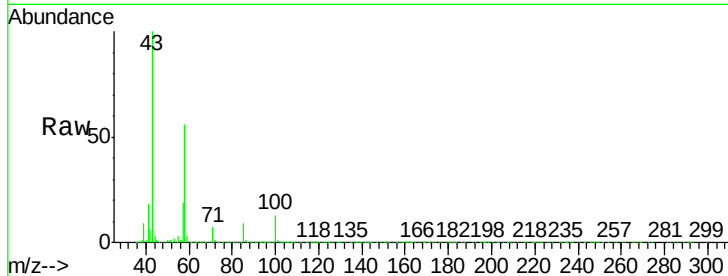
ClientSampleId :

VSTDCCC020

Tot Ion:	43	Resp:	611057
Ion Ratio		Lower	Upper
43	100		
58	55.1	43.8	65.6
57	19.0	15.4	23.0

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#60

4-Bromofluorobenzene

Concen: 29.983 ug/l

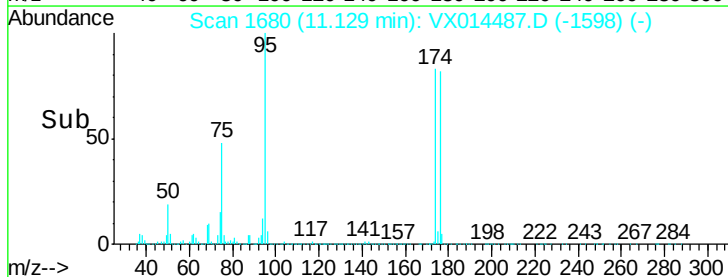
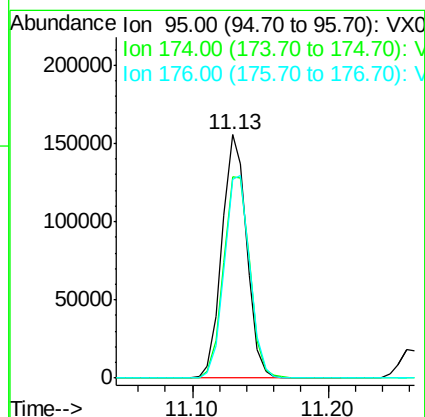
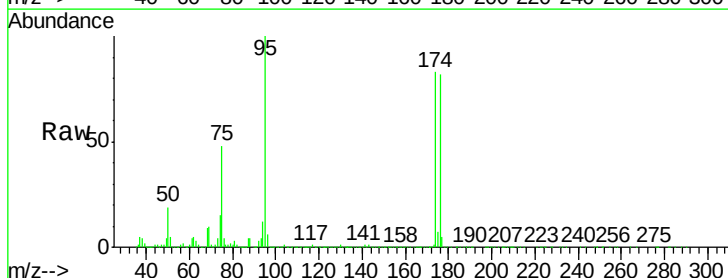
RT: 11.13 min Scan# 1680

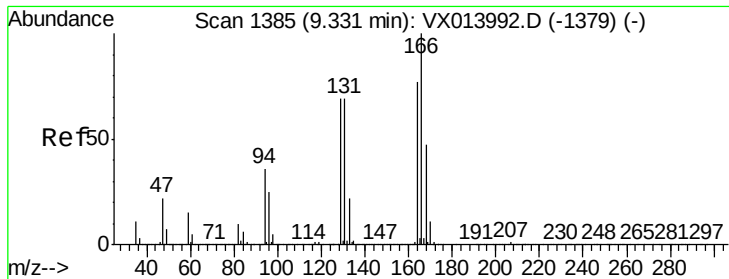
Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion:	95	Resp:	196250
Ion Ratio		Lower	Upper
95	100		
174	87.1	70.2	105.2
176	85.6	68.3	102.5





#61

Tetrachloroethene

Concen: 24.229 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

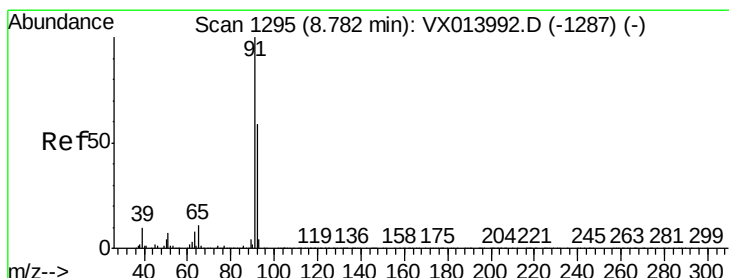
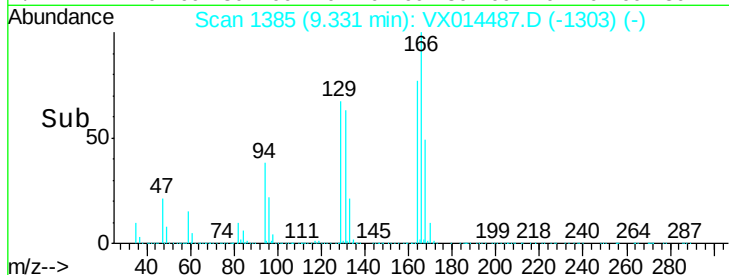
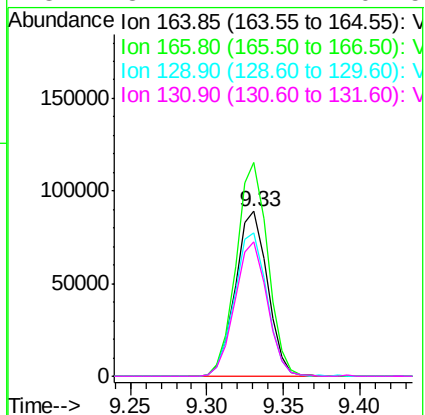
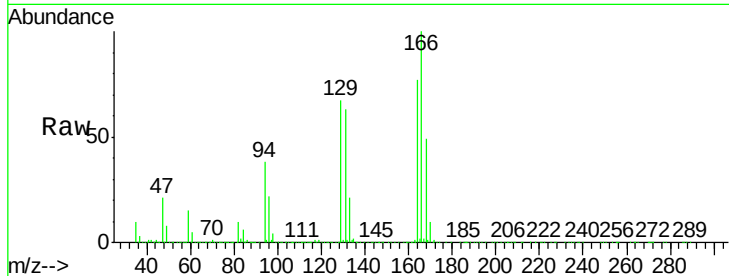
ClientSampled :

VSTDCCC020

Tot Ion:	164	Resp:	129922
Ion	Ratio	Lower	Upper
164	100		
166	129.7	104.2	156.2
129	87.0	71.6	107.4
131	81.2	71.7	107.5

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#62

Toluene

Concen: 21.141 ug/l

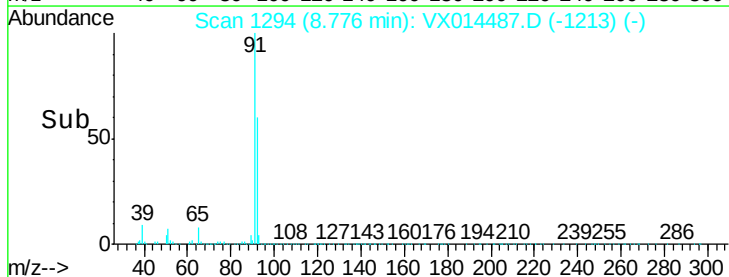
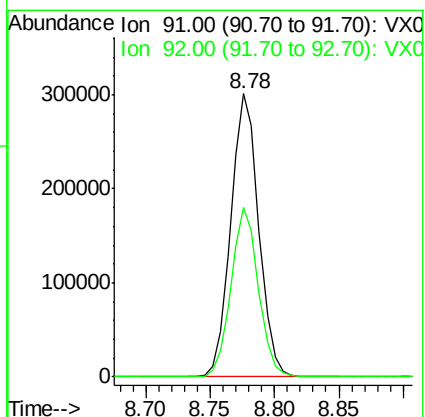
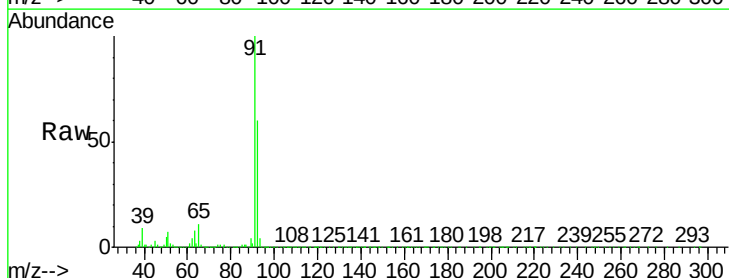
RT: 8.78 min Scan# 1294

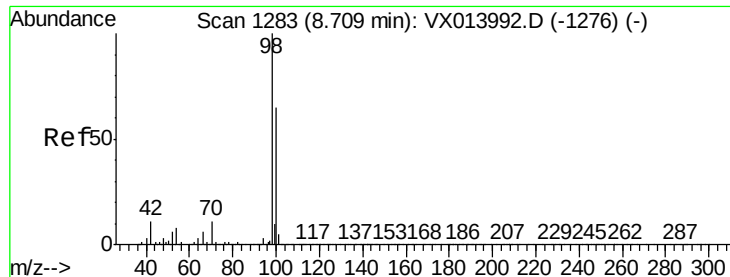
Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion:	91	Resp:	455758
Ion	Ratio	Lower	Upper
91	100		
92	58.4	46.4	69.6





#63

Toluene-d8

Concen: 29.972 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 543052

Ion Ratio Lower Upper

98 100

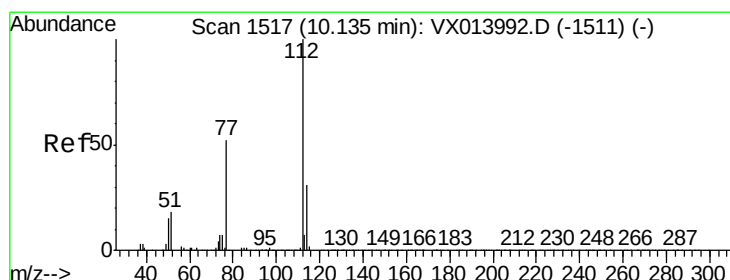
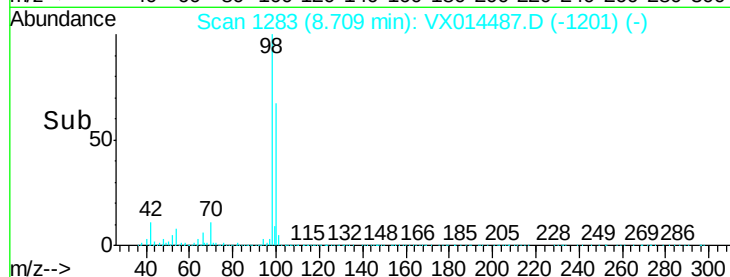
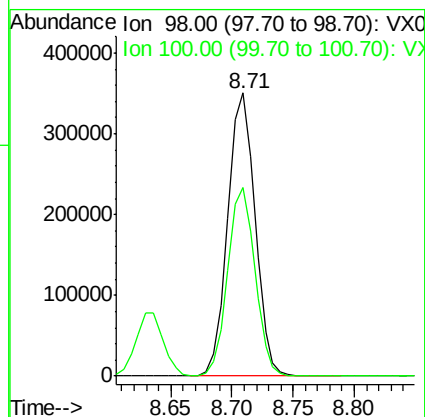
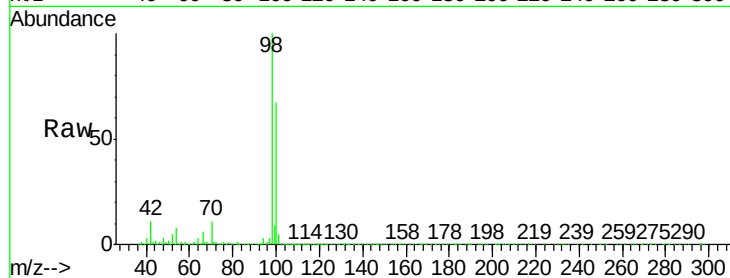
100 66.4 52.2 78.2

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#64

Chlorobenzene

Concen: 21.290 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014487.D

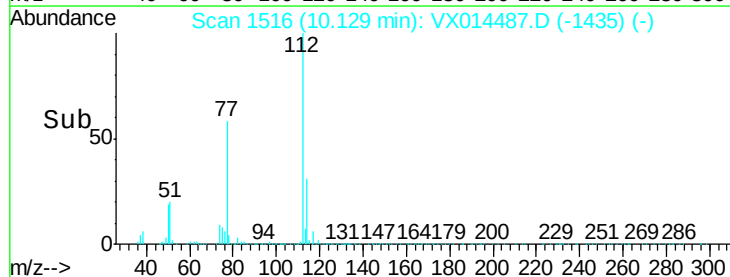
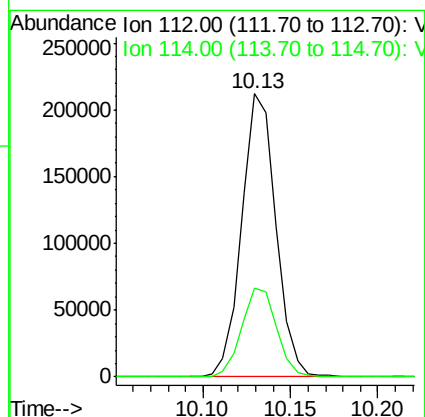
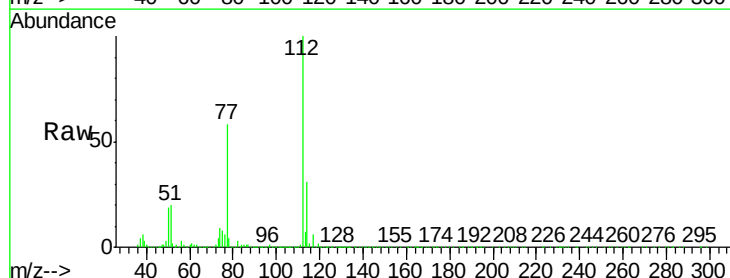
Acq: 09 Jan 2020 09:54

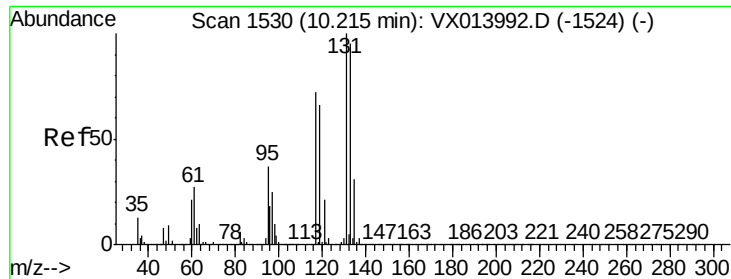
Tgt Ion: 112 Resp: 287558

Ion Ratio Lower Upper

112 100

114 31.2 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.804 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

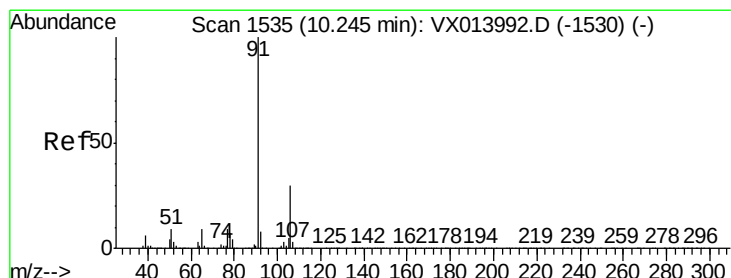
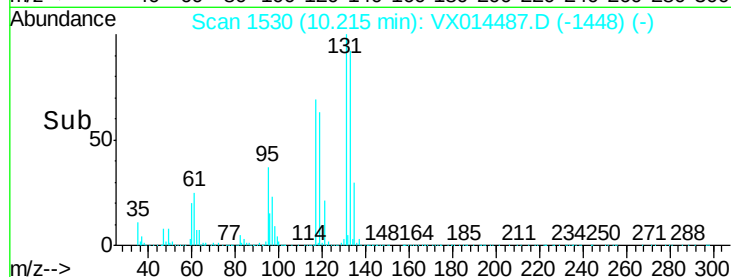
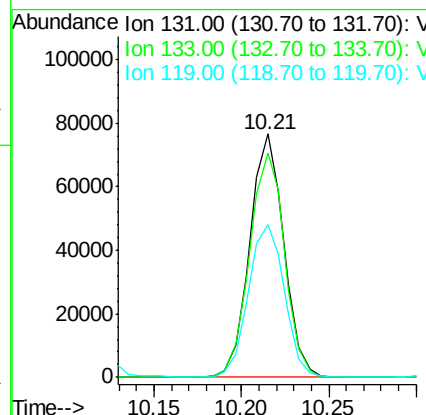
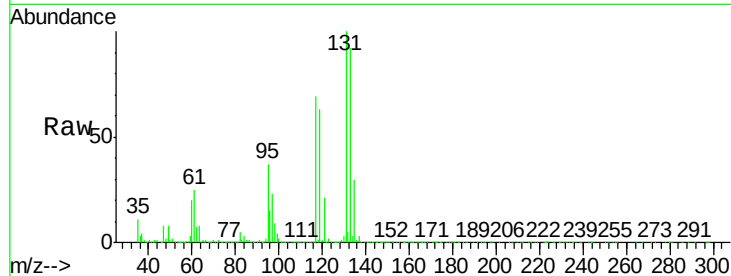
ClientSampleId :

VSTDCCC020

Tot Ion:	131	Resp:	104047
Ion Ratio	Lower	Upper	
131	100		
133	94.5	0.0	189.8
119	65.6	0.0	132.2

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#66

Ethyl Benzene

Concen: 21.291 ug/l

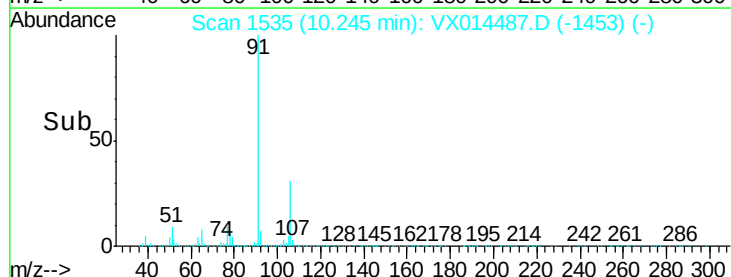
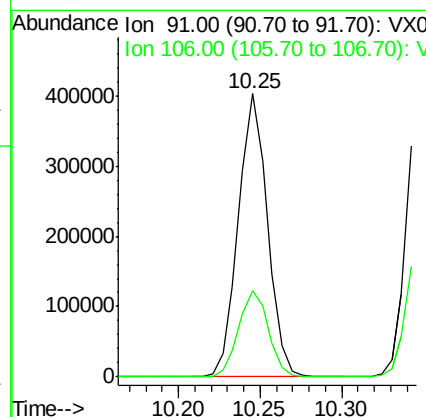
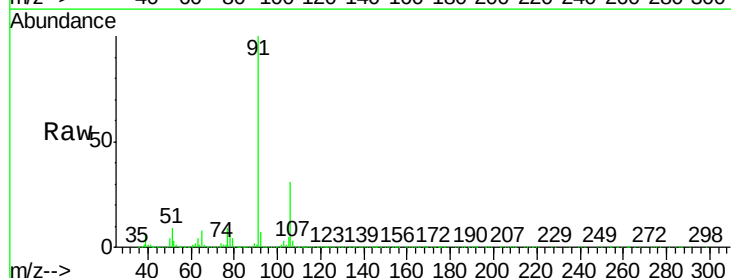
RT: 10.25 min Scan# 1535

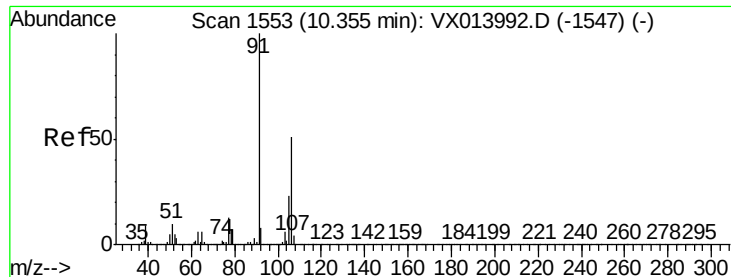
Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion:	91	Resp:	502323
Ion Ratio	Lower	Upper	
91	100		
106	30.7	24.2	36.2





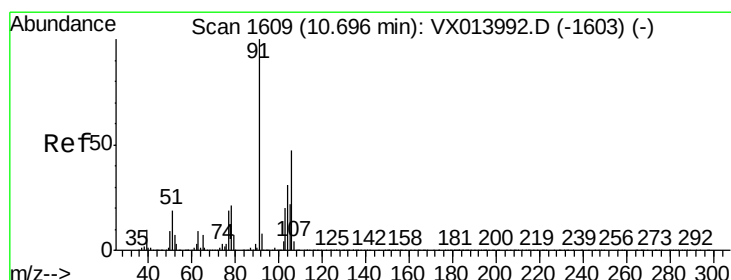
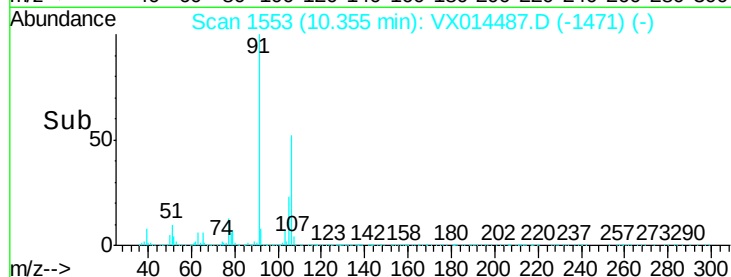
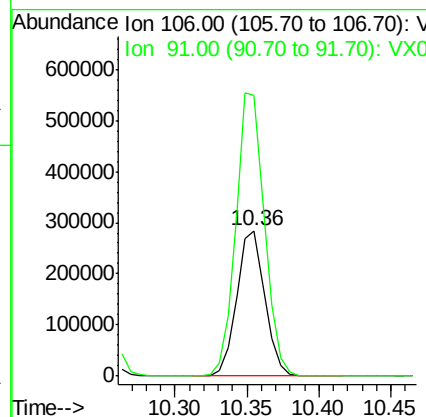
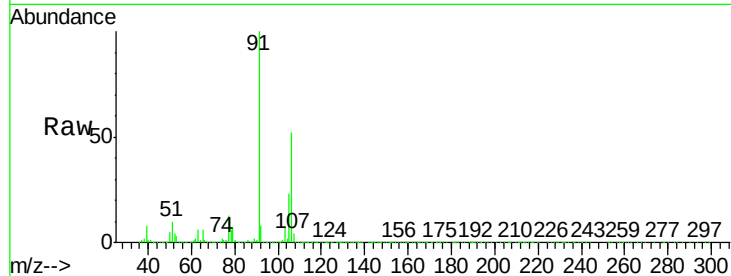
#67
m/p-Xylenes
Concen: 43.033 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:106 Resp: 388109
Ion Ratio Lower Upper
106 100
91 198.8 159.3 238.9

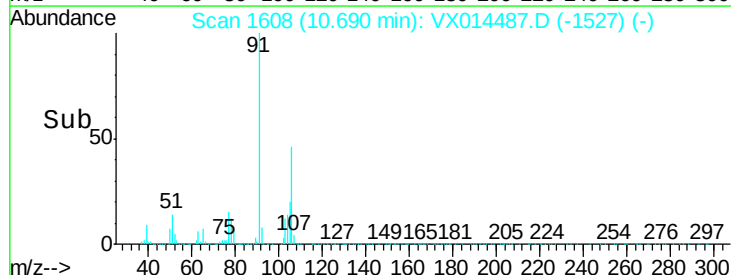
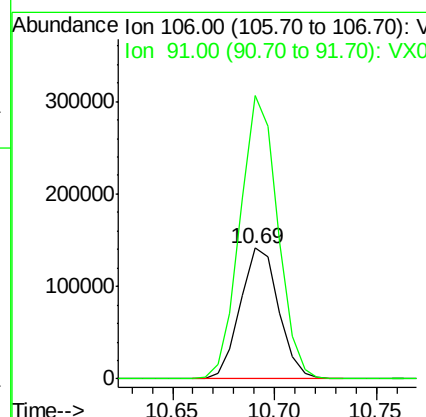
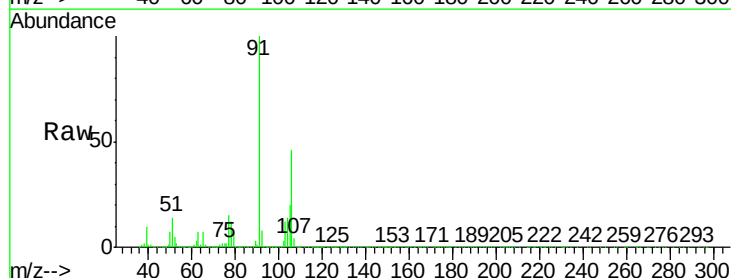
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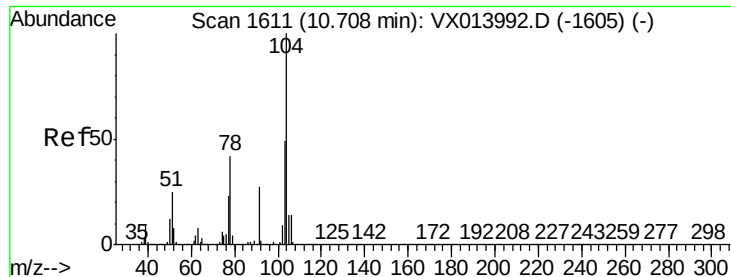
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#68
o-Xylene
Concen: 20.712 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion:106 Resp: 185052
Ion Ratio Lower Upper
106 100
91 212.2 104.8 314.6





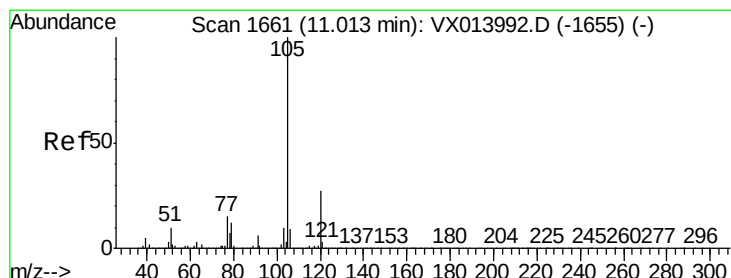
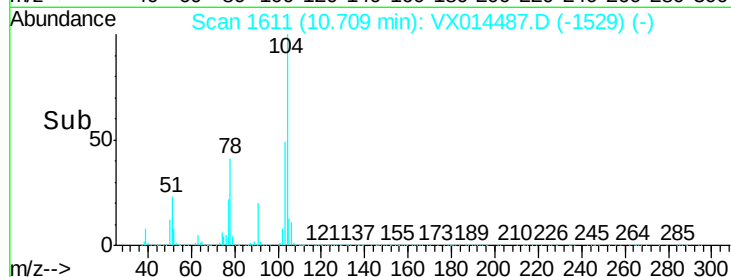
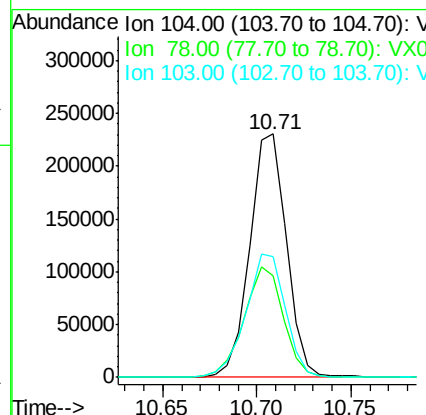
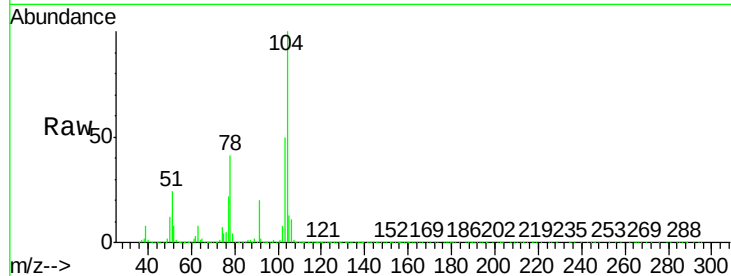
#69
Stvrene
Concen: 20.524 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.9	38.9	58.3
103	54.6	44.2	66.2

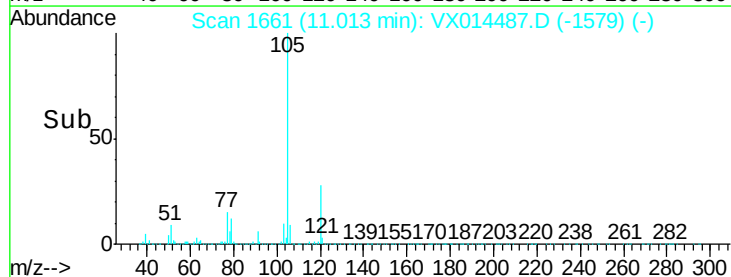
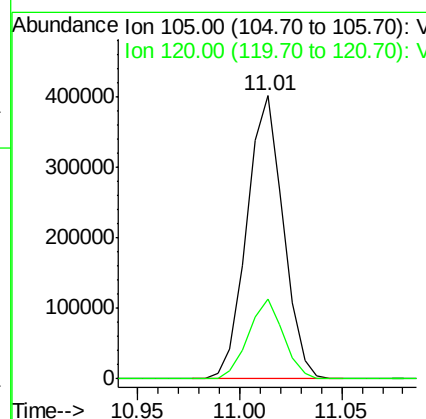
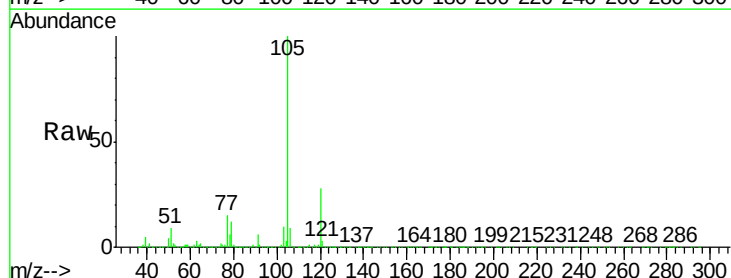
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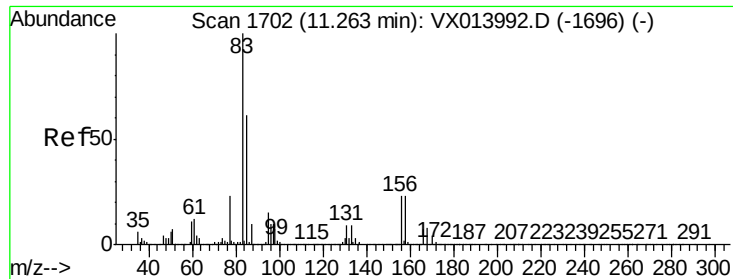
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#70
Isopropylbenzene
Concen: 21.504 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	19.1	35.5





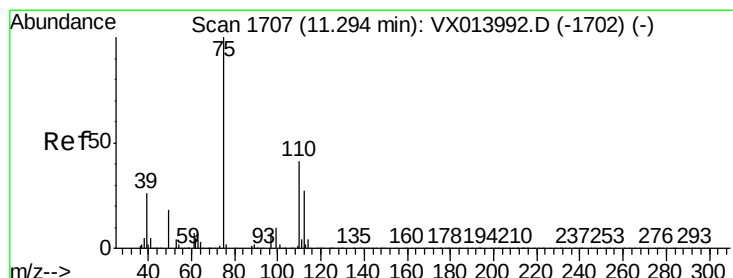
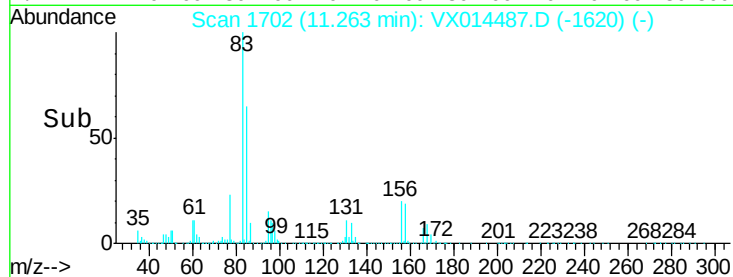
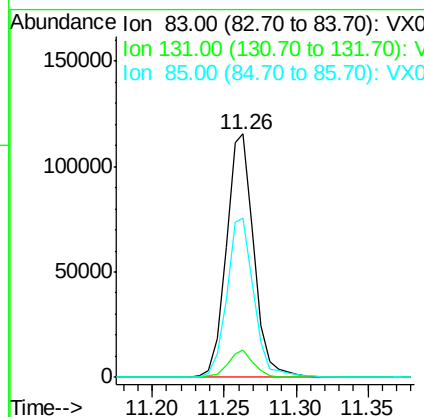
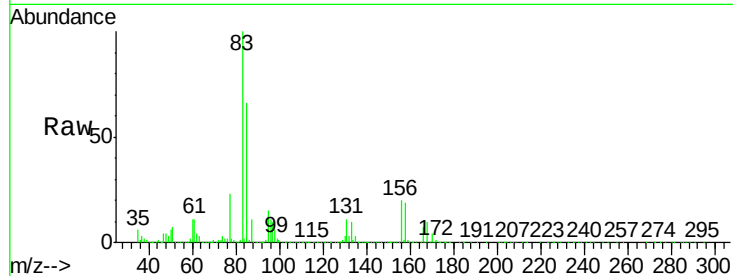
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.868 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.5	4.9	14.7
85	64.8	31.6	94.7

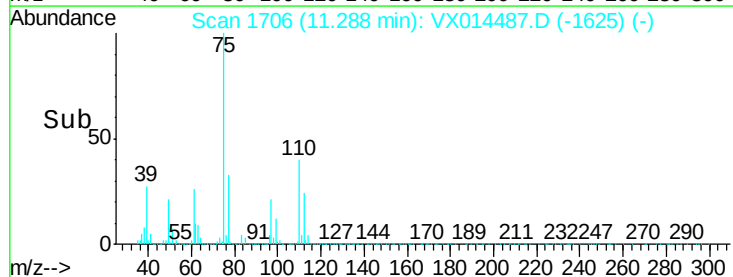
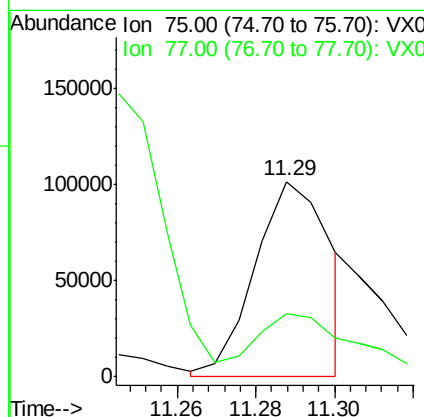
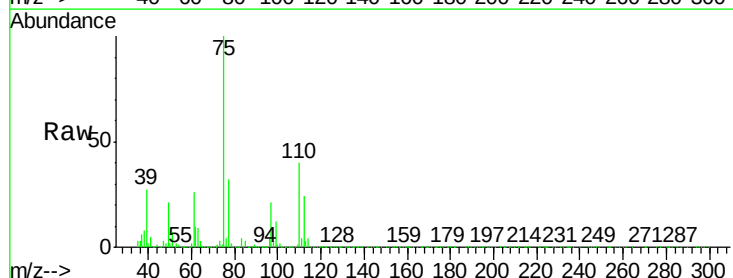
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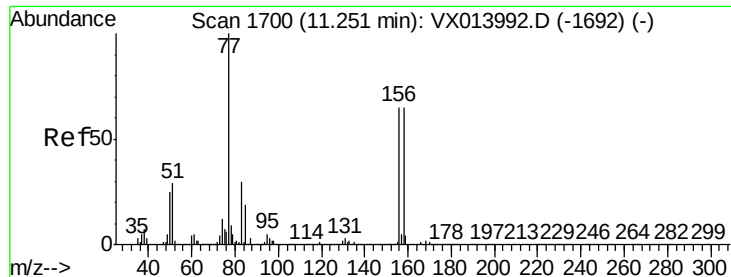
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#72
 1,2,3-Trichloropropane
 Concen: 18.237 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	40.9	0.0	68.4





#73

Bromobenzene

Concen: 20.970 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

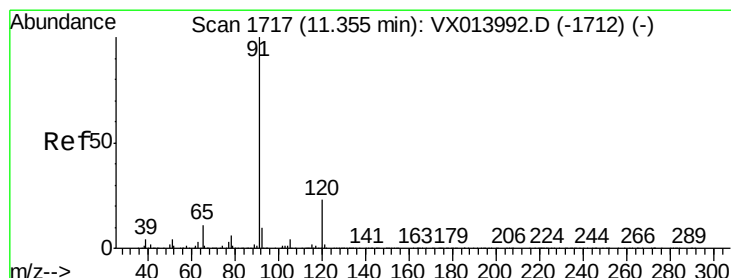
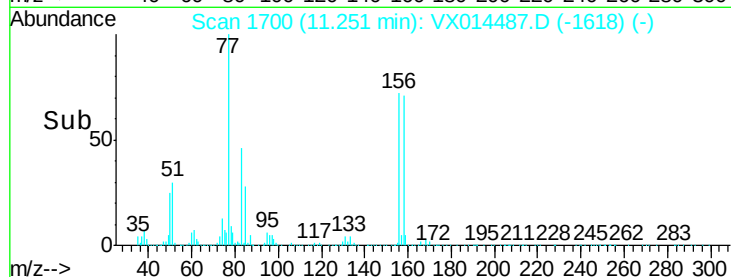
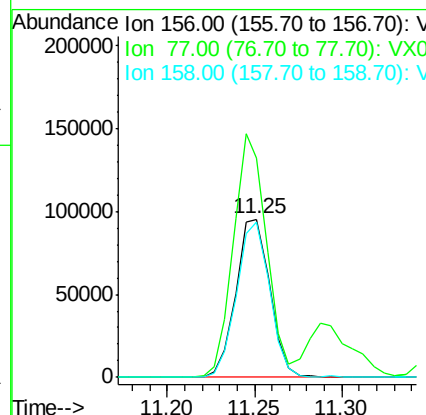
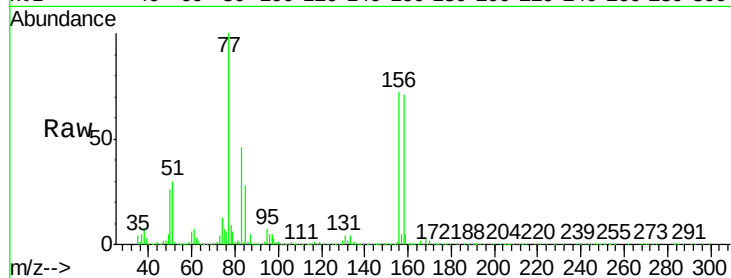
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	129247
Ion Ratio	Lower	Upper	
156	100		
77	148.6	0.0	304.6
158	96.0	0.0	195.2

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#74

n-propylbenzene

Concen: 21.666 ug/l

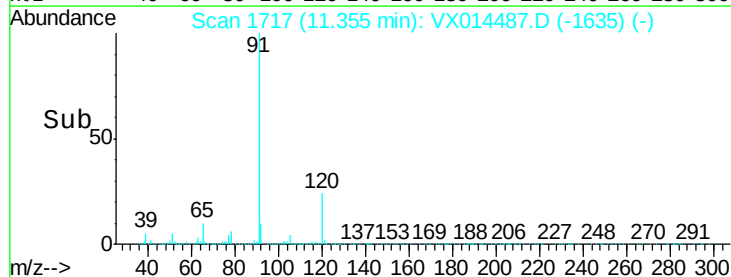
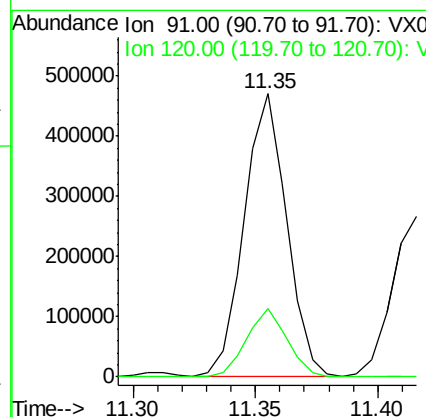
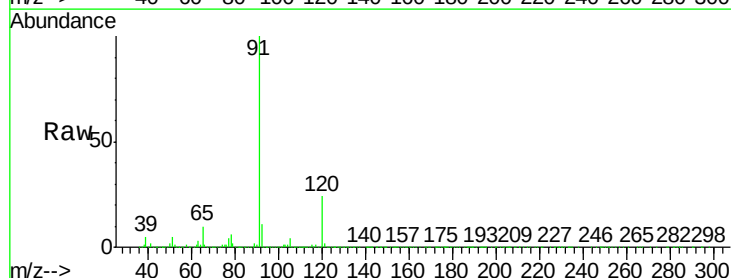
RT: 11.35 min Scan# 1717

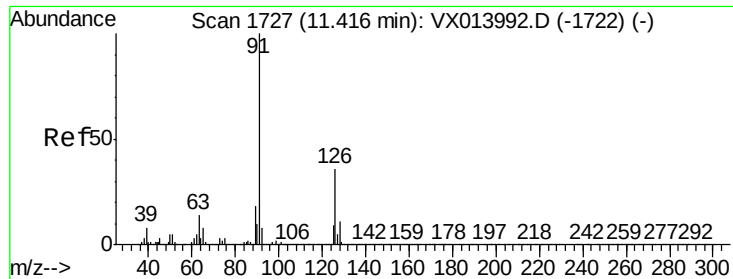
Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion:	91	Resp:	567373
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	44.8





#75

2-Chlorotoluene

Concen: 20.971 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 91 Resp: 331831

Ion Ratio Lower Upper

91 100

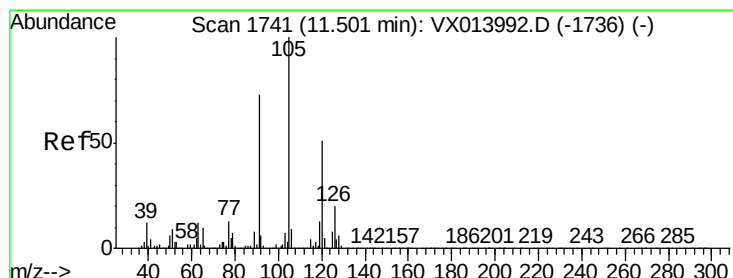
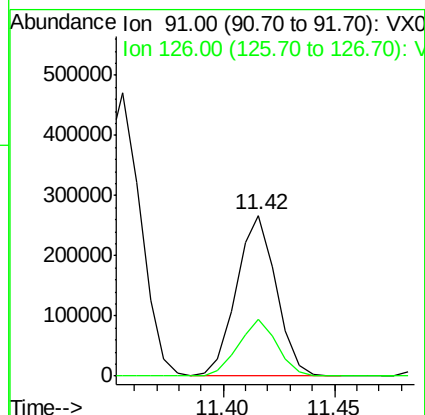
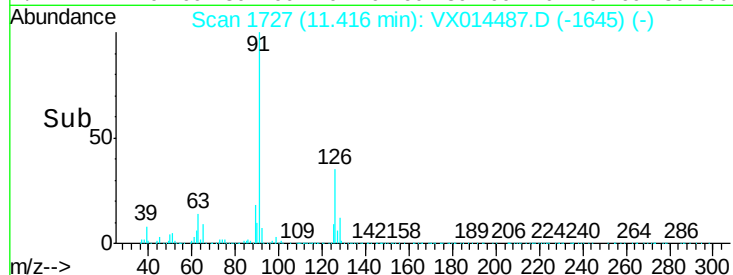
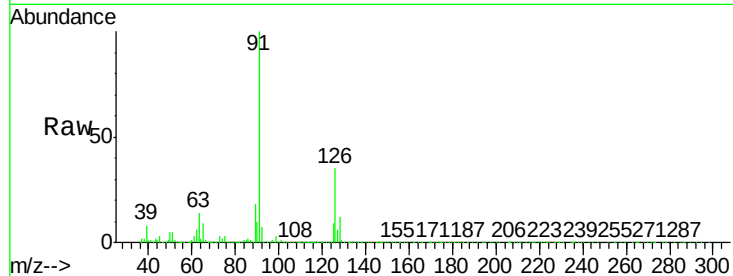
126 34.3 0.0 70.8

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#76

1,3,5-Trimethylbenzene

Concen: 21.151 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014487.D

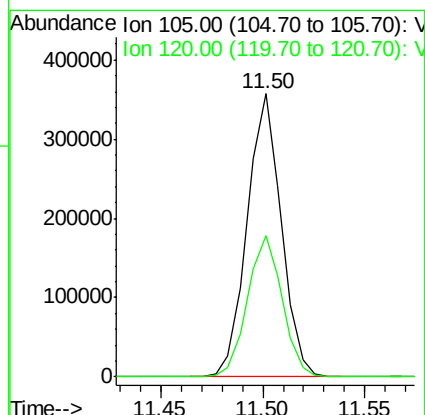
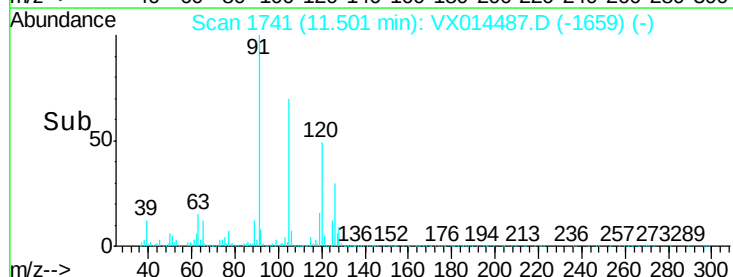
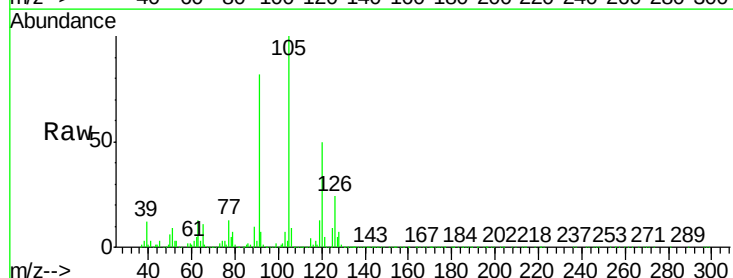
Acq: 09 Jan 2020 09:54

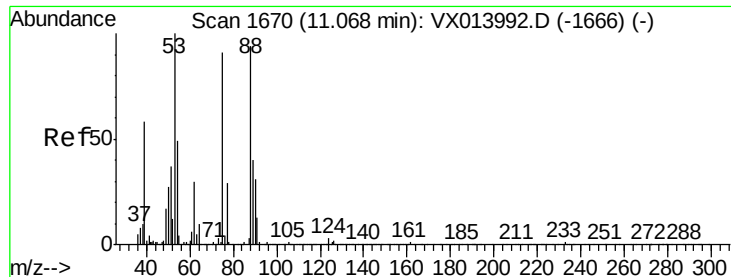
Tgt Ion: 105 Resp: 414256

Ion Ratio Lower Upper

105 100

120 50.4 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 20.499 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

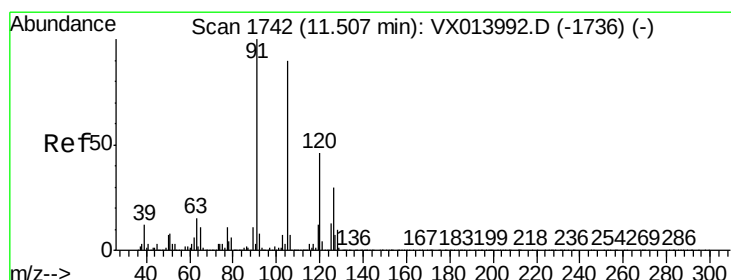
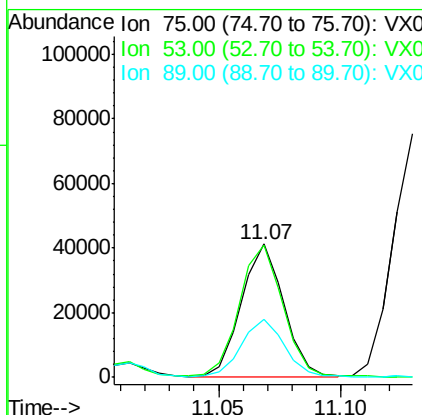
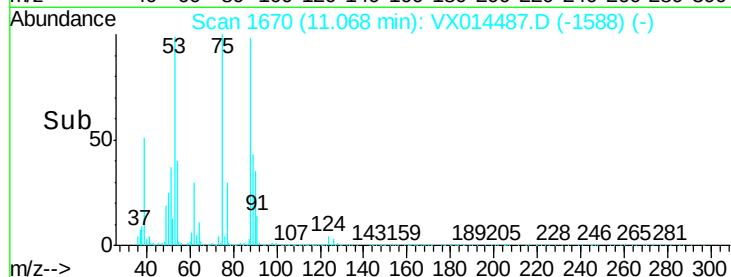
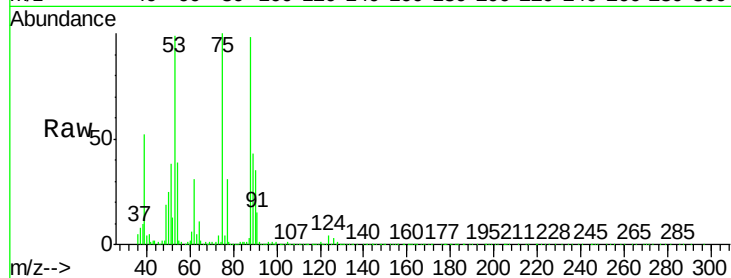
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	49335
Ion	Ratio	Lower	Upper
75	100		
53	99.0	54.4	163.1
89	42.8	21.9	65.5

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#78

4-Chlorotoluene

Concen: 21.150 ug/l

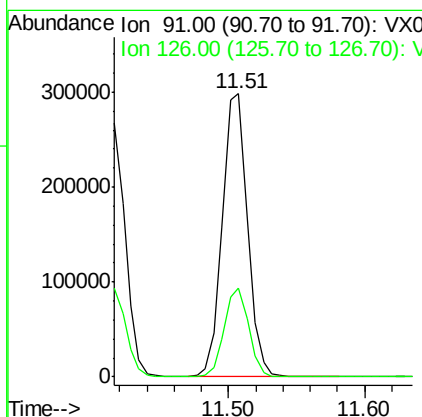
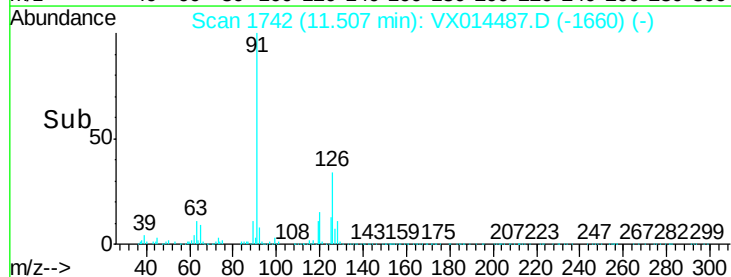
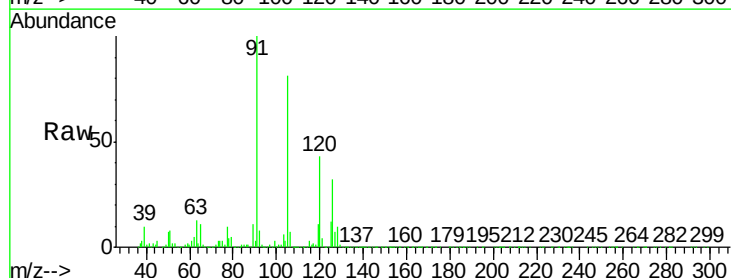
RT: 11.51 min Scan# 1742

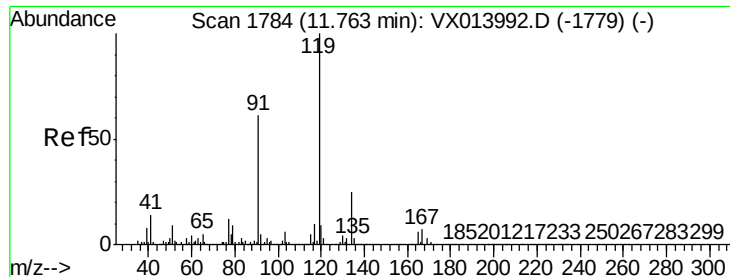
Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion:	91	Resp:	382417
Ion	Ratio	Lower	Upper
91	100		
126	30.5	0.0	59.6





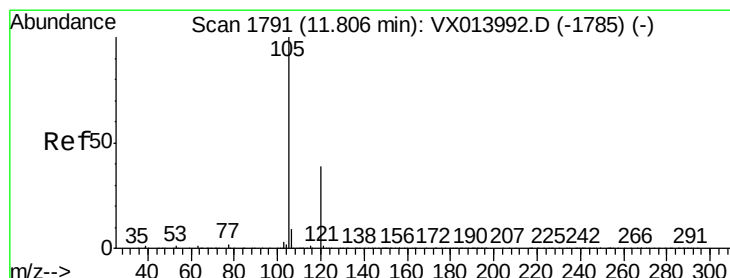
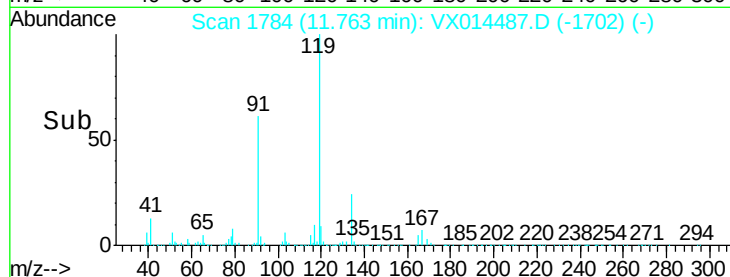
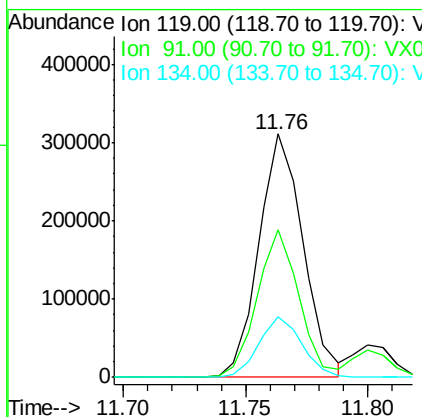
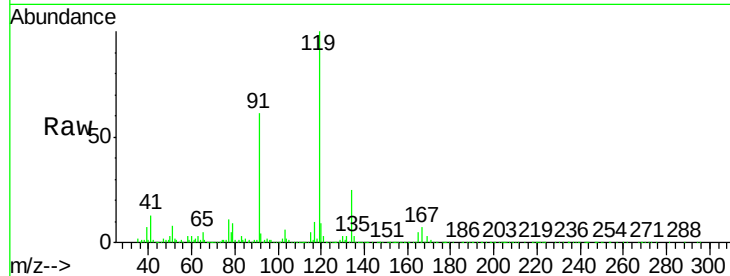
#79
tert-butylbenzene
Concen: 20.703 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	390839		
91	57.2	0.0	112.6	
134	24.0	0.0	49.8	

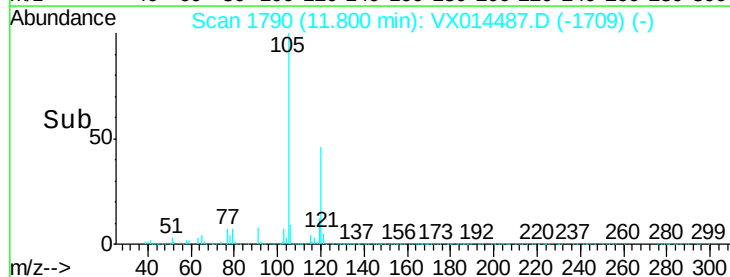
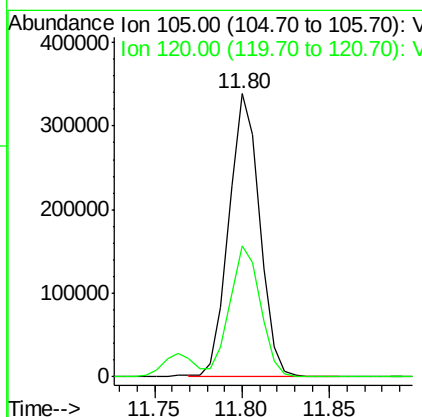
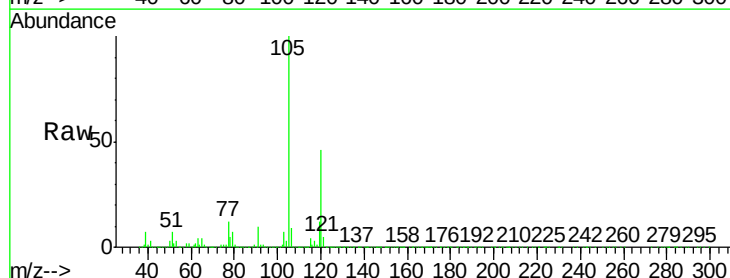
Manual Integrations
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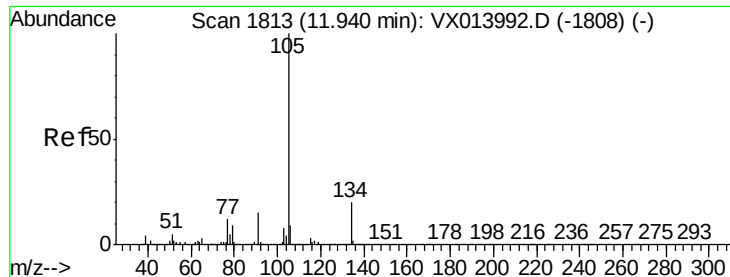
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 21.135 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	413913		
120	45.7	0.0	92.0	





#81

sec-Butylbenzene

Concen: 21.179 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:105 Resp: 475570

Ion Ratio Lower Upper

105 100

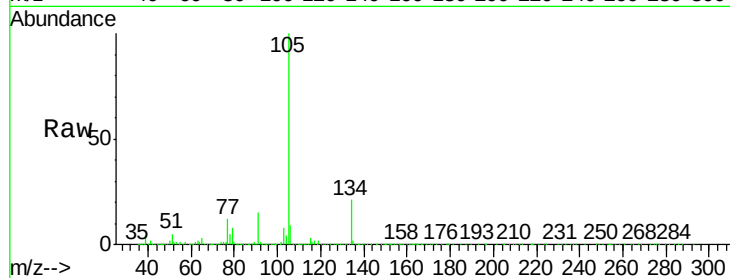
134 20.8 0.0 40.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

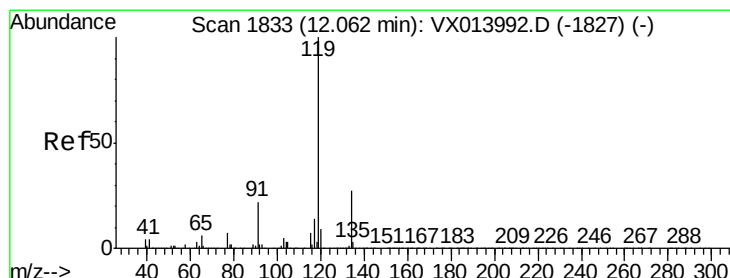
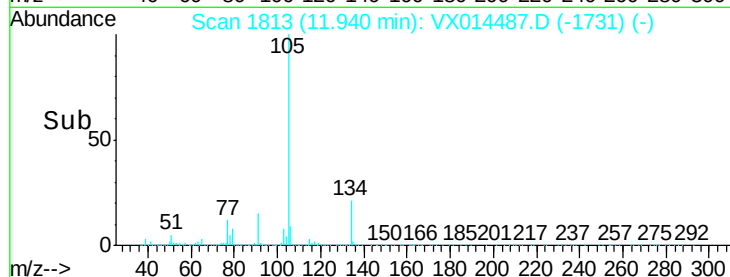
300000

200000

100000

0

Time-->



#82

p-Isopropyltoluene

Concen: 21.499 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

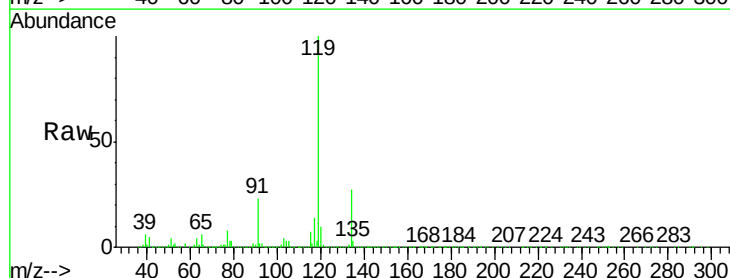
Tgt Ion:119 Resp: 435650

Ion Ratio Lower Upper

119 100

134 27.1 0.0 53.8

91 22.3 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

500000

400000

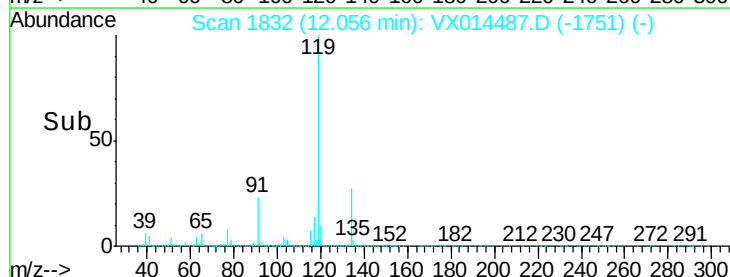
300000

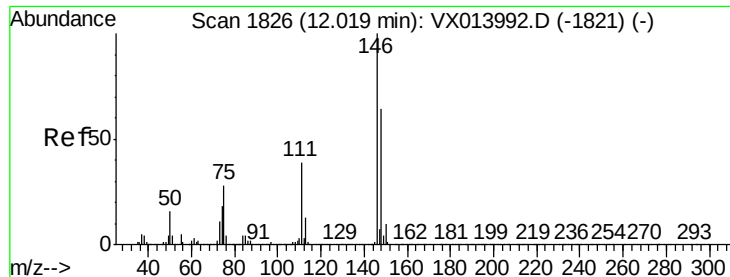
200000

100000

0

Time-->





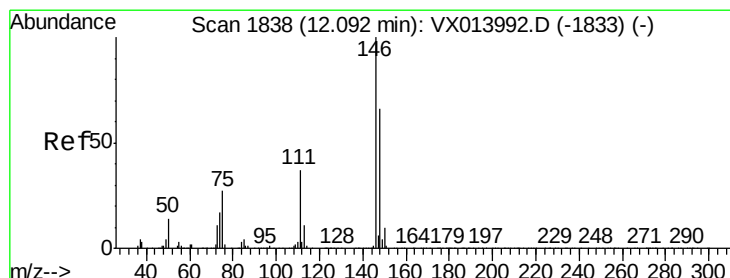
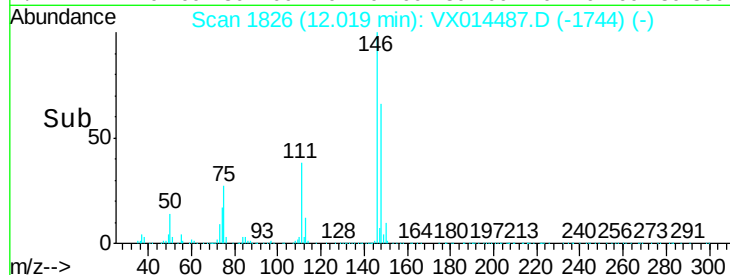
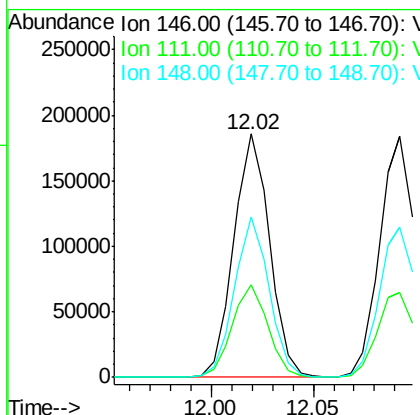
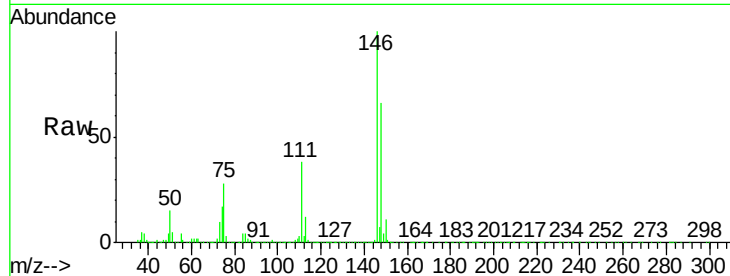
#83
 1,3-Dichlorobenzene
 Concen: 20.987 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.3	57.9
148	63.6	32.2	96.6

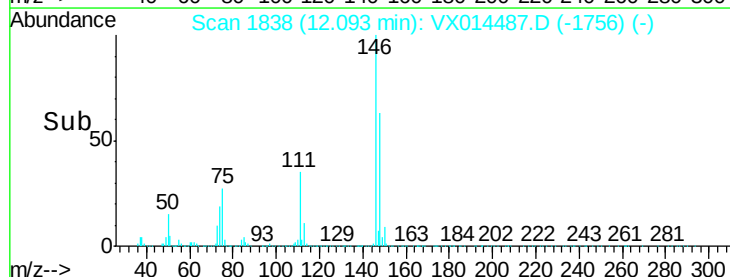
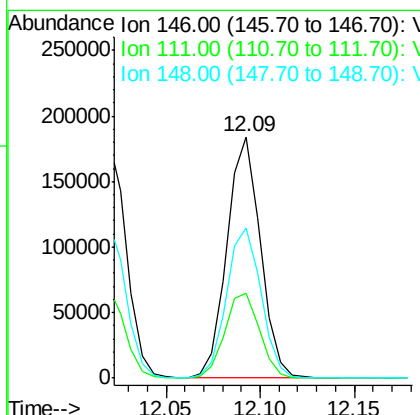
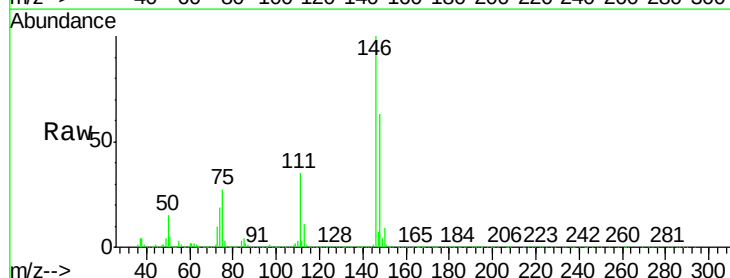
Manual Integrations
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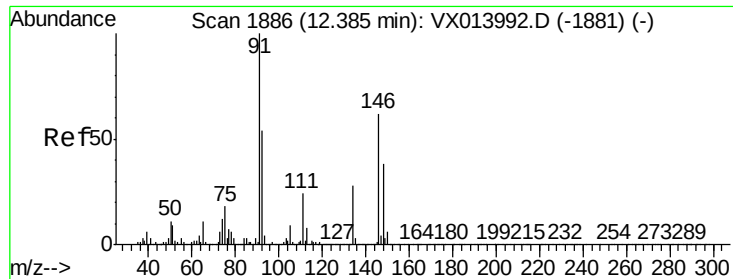
apatel
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#84
 1,4-Dichlorobenzene
 Concen: 21.229 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.4	55.4
148	63.9	32.0	96.0





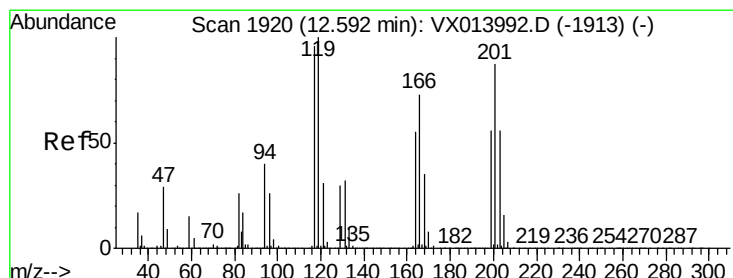
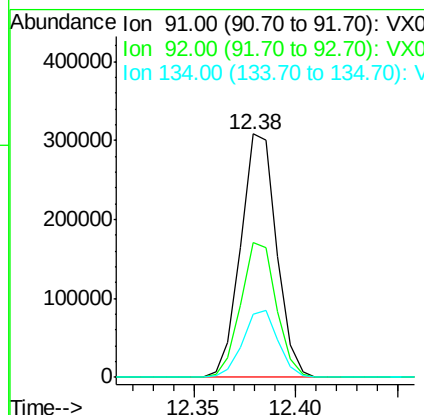
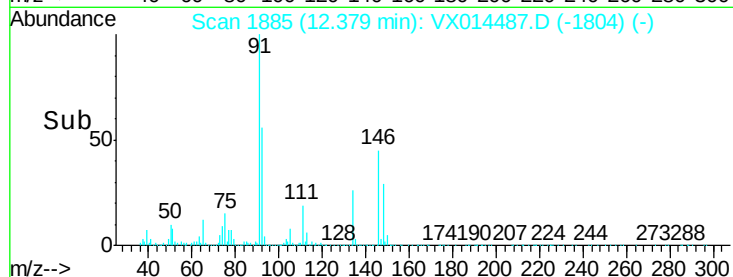
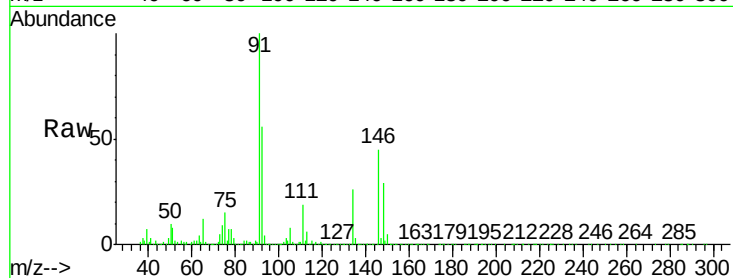
#85
n-Butylbenzene
Concen: 22.025 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	375255		
92	55.2	0.0	109.0	
134	27.0	0.0	54.0	

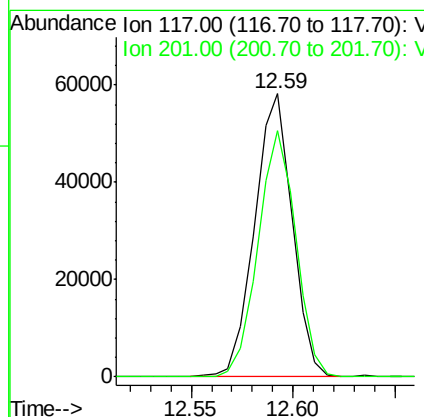
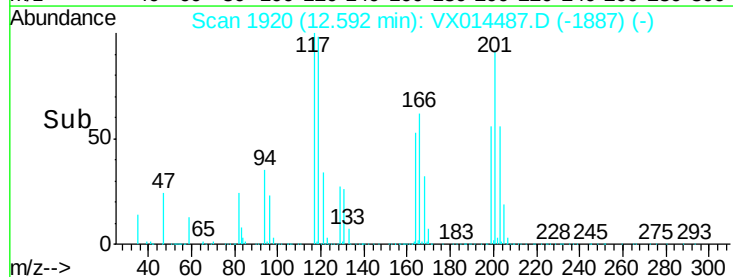
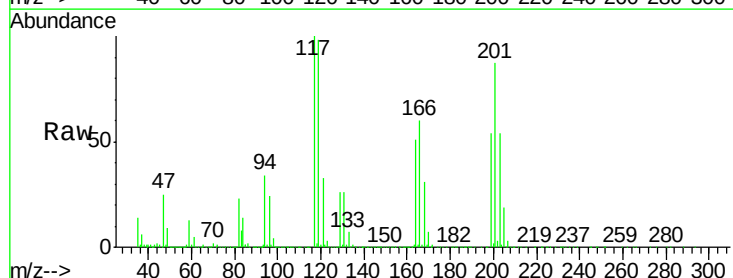
Manual Integrations
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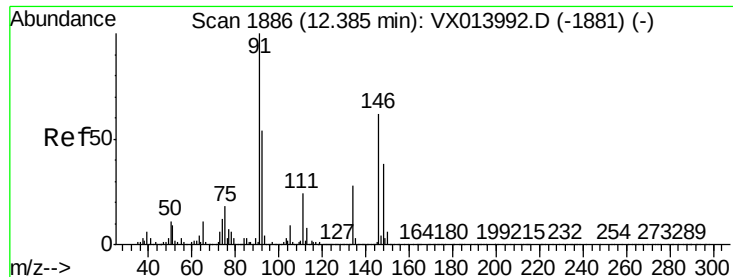
apatel
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#86
Hexachloroethane
Concen: 20.305 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	74643		
201	87.4	44.8	134.3	





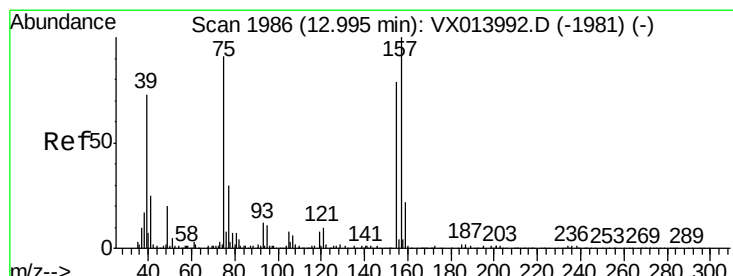
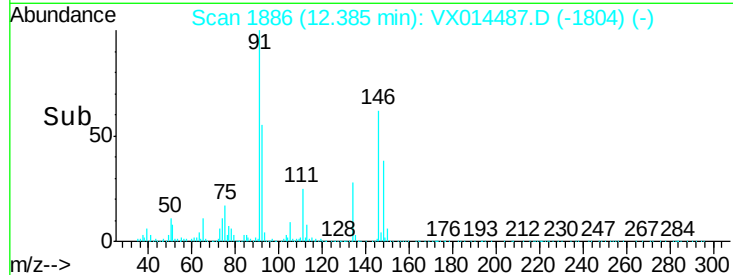
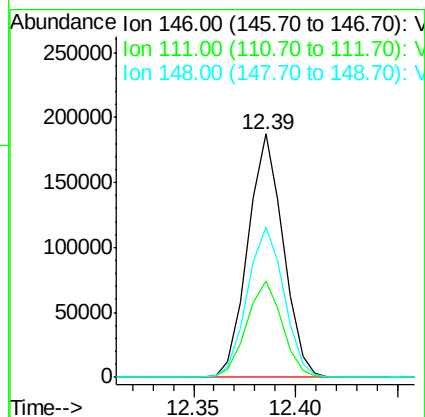
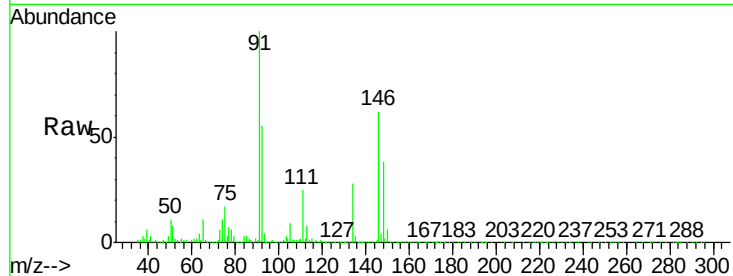
#87
 1,2-Dichlorobenzene
 Concen: 20.663 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.1	60.2
148	64.0	32.0	96.2

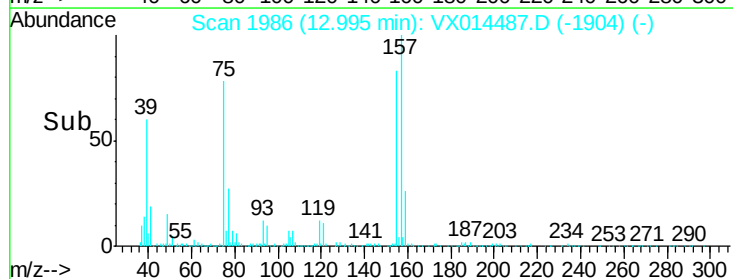
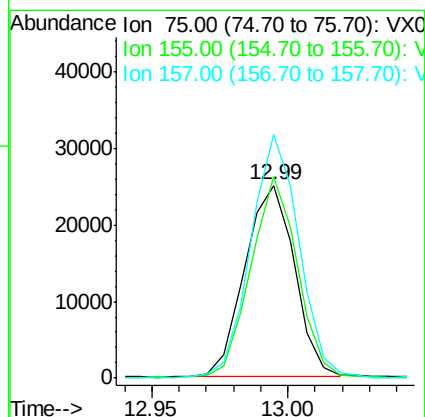
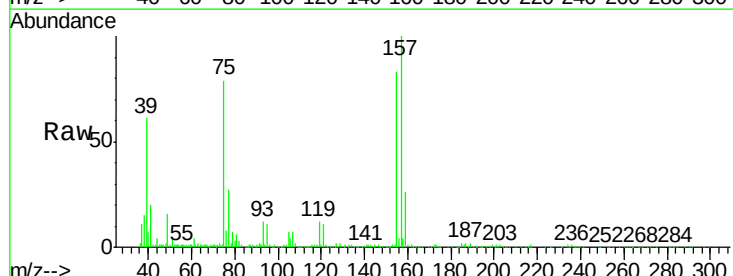
Manual Integrations
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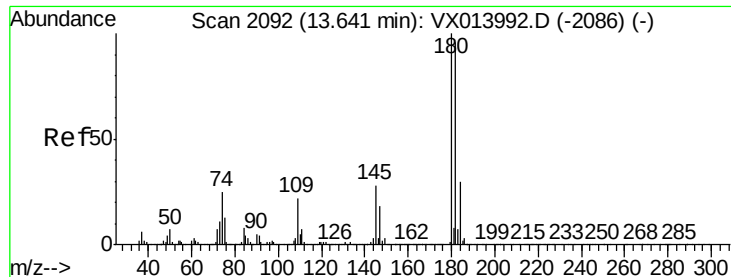
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.387 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.5	73.8	110.6
157	124.0	95.0	142.4





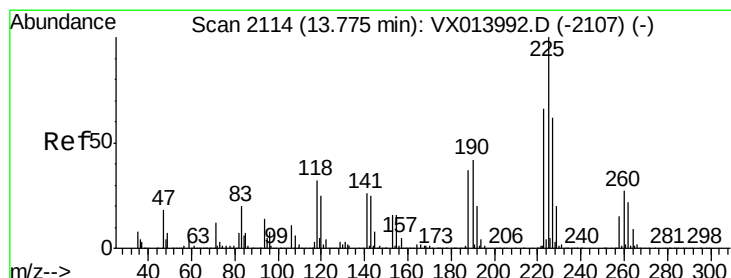
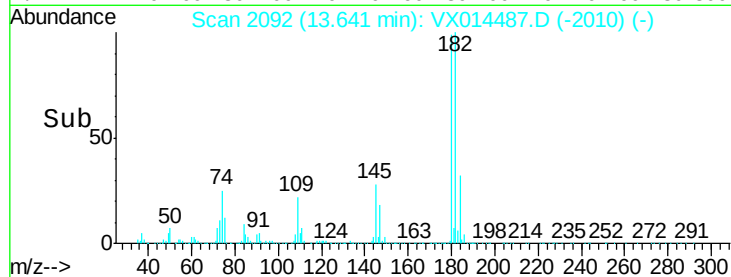
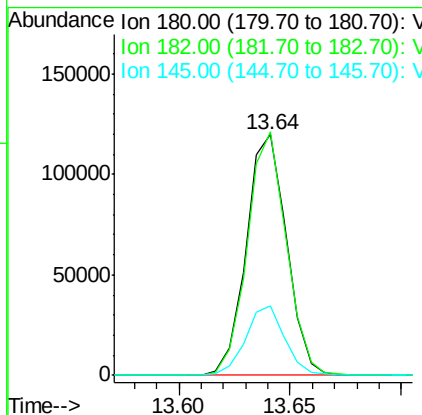
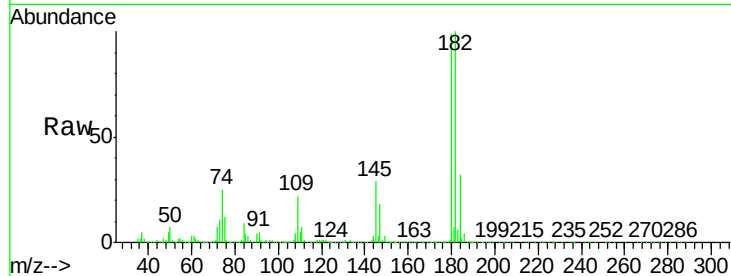
#89
 1,2,4-Trichlorobenzene
 Concen: 21.664 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	151079		
182	98.5	76.4	114.6	
145	28.2	21.9	32.9	

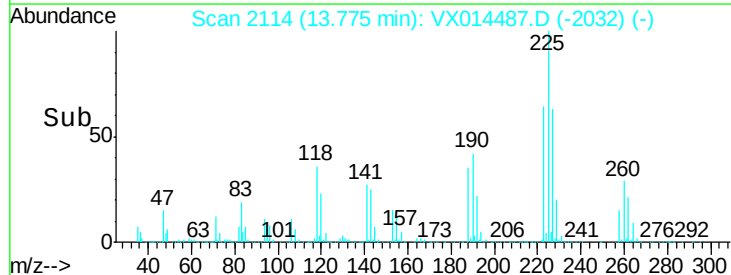
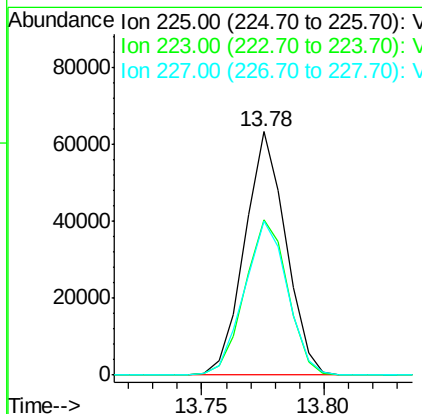
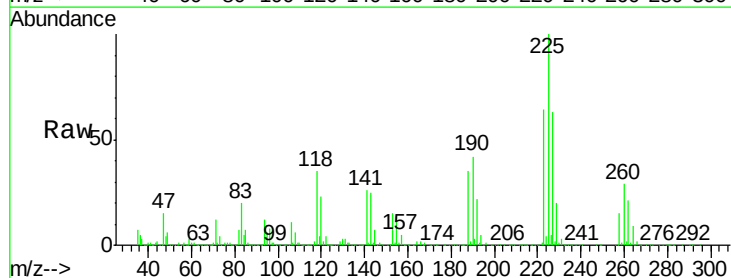
Manual Integrations
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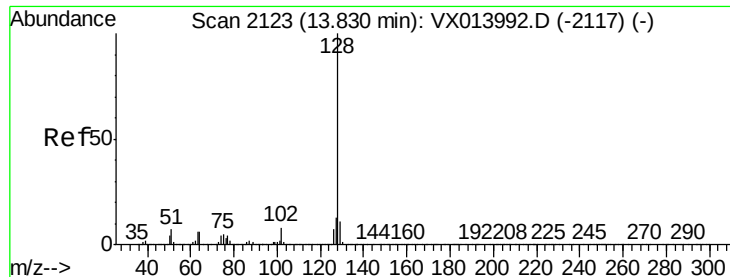
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#90
 Hexachlorobutadiene
 Concen: 22.366 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74139		
223	66.2	0.0	127.4	
227	66.3	0.0	122.8	





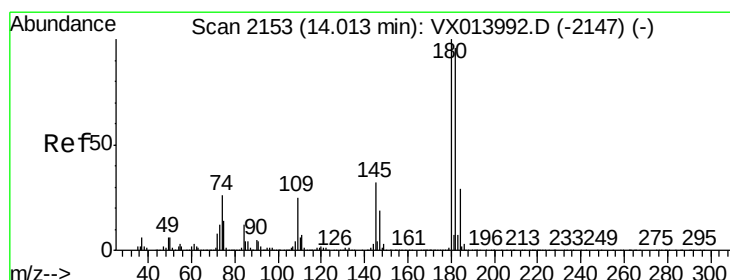
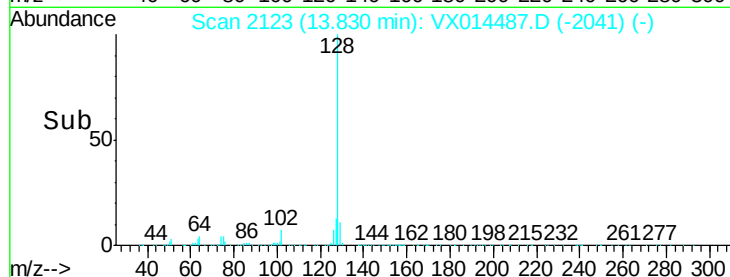
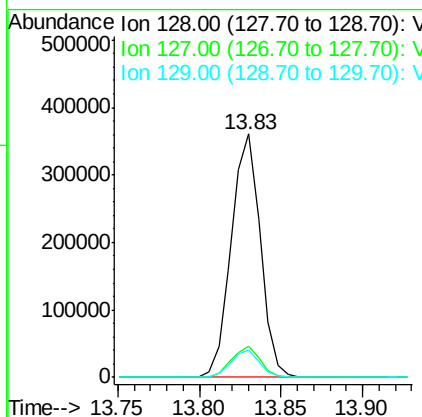
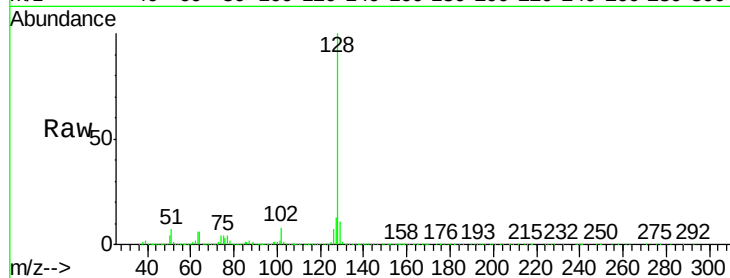
#91
Naphthalene
Concen: 21.279 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.9	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 21.742 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	0.0	192.8
145	29.7	0.0	60.0

