

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016575.D
 Acq On : 04 Jun 2020 09:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/5/2020 10:11:54 AM

Quant Time: Jun 05 06:23:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	257954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	381145	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	360548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180939	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	154903	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	5.46	113	125257	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
50) Toluene-d8	8.70	98	482912	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	11.12	95	184720	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	122515	48.262	ug/l	97
3) Chloromethane	1.31	50	129813	42.316	ug/l	99
4) Vinyl Chloride	1.39	62	144748	44.617	ug/l	99
5) Bromomethane	1.62	94	66876	42.396	ug/l	99
6) Chloroethane	1.70	64	87052	46.000	ug/l	99
7) Trichlorofluoromethane	1.91	101	212290	49.826	ug/l	98
8) Diethyl Ether	2.17	74	80687	45.417	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	117375	50.056	ug/l	98
10) Methyl Iodide	2.49	142	105207	38.314	ug/l	99
11) Tert butyl alcohol	3.01	59	168527	205.154	ug/l	99
12) 1,1-Dichloroethene	2.36	96	117206	47.221	ug/l	99
13) Acrolein	2.27	56	88394	252.958	ug/l	96
14) Allyl chloride	2.70	41	195274	42.779	ug/l	97
15) Acrylonitrile	3.11	53	366934	218.060	ug/l	99
16) Acetone	2.42	43	321795	229.279	ug/l	98
17) Carbon Disulfide	2.54	76	321408	43.605	ug/l	99
18) Methyl Acetate	2.75	43	159466	44.299	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	422490	47.402	ug/l	98
20) Methylene Chloride	2.83	84	131588	45.316	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	128948	46.968	ug/l	91
22) Diisopropyl ether	3.82	45	385927	44.011	ug/l	96
23) Vinyl Acetate	3.78	43	1700865	221.598	ug/l	97
24) 1,1-Dichloroethane	3.67	63	227111	45.888	ug/l	99
25) 2-Butanone	4.63	43	503503	211.717	ug/l	97
26) 2,2-Dichloropropane	4.54	77	215089	53.110	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	145623	45.849	ug/l	100
28) Bromochloromethane	4.98	49	97735	42.494	ug/l	88
29) Tetrahydrofuran	5.09	42	319898	208.210	ug/l	95
30) Chloroform	5.17	83	238471	47.819	ug/l	99
31) Cyclohexane	5.54	56	192380	43.206	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	219781	48.679	ug/l	98
36) 1,1-Dichloropropene	5.76	75	177357	49.147	ug/l	98
37) Ethyl Acetate	4.79	43	190209	43.902	ug/l	98
38) Carbon Tetrachloride	5.75	117	197942	52.195	ug/l	99

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Manual Integrations
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Quant Time: Jun 05 06:23:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	199469	50.889	ug/l	96
40) Benzene	6.11	78	523673	48.729	ug/l	99
41) Methacrylonitrile	5.00	41	103353	43.429	ug/l	97
42) 1,2-Dichloroethane	6.16	62	188175	49.238	ug/l	99
43) Isopropyl Acetate	6.41	43	297799	44.066	ug/l	97
44) Trichloroethene	7.18	130	167713	49.188	ug/l	99
45) 1,2-Dichloropropane	7.49	63	133339	48.738	ug/l	97
46) Dibromomethane	7.63	93	91692	49.898	ug/l	98
47) Bromodichloromethane	7.87	83	191665	50.374	ug/l	100
48) Methyl methacrylate	7.74	41	146729	45.346	ug/l	98
49) 1,4-Dioxane	7.71	88	69482	917.560	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	965220	229.379	ug/l	99
52) Toluene	8.76	92	342454	50.534	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	219358	50.701	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	233527	50.994	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	134972	50.093	ug/l	97
56) Ethyl methacrylate	9.16	69	218436	49.778	ug/l	97
57) 1,3-Dichloropropane	9.35	76	230632	49.868	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	528619	230.790	ug/l	97
59) 2-Hexanone	9.47	43	767164	234.438	ug/l	98
60) Dibromochloromethane	9.57	129	157155	51.829	ug/l	98
61) 1,2-Dibromoethane	9.65	107	147457	51.105	ug/l	99
64) Tetrachloroethene	9.32	164	197749	49.023	ug/l	99
65) Chlorobenzene	10.12	112	367432	49.987	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	144612	51.538	ug/l	98
67) Ethyl Benzene	10.23	91	648984	49.589	ug/l	99
68) m/p-Xylenes	10.34	106	498371	102.707	ug/l	99
69) o-Xylene	10.68	106	235733	50.164	ug/l	99
70) Styrene	10.70	104	416589	51.575	ug/l	100
71) Bromoform	10.84	173	123148	51.931	ug/l	97
73) Isopropylbenzene	11.00	105	639610	51.018	ug/l	99
74) N-amyl acetate	10.88	43	261272	45.307	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	159063	50.625	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	194237m	48.838	ug/l	
77) Bromobenzene	11.24	156	165633	50.372	ug/l	96
78) n-propylbenzene	11.34	91	715957	51.116	ug/l	99
79) 2-Chlorotoluene	11.40	91	432520	50.590	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	540993	51.680	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	78475	48.537	ug/l	95
82) 4-Chlorotoluene	11.49	91	510075	50.522	ug/l	100
83) tert-Butylbenzene	11.76	119	467414	52.257	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	546882	51.658	ug/l	99
85) sec-Butylbenzene	11.93	105	597498	53.250	ug/l	100
86) p-Isopropyltoluene	12.05	119	577116	54.907	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	288334	50.614	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	292846	50.263	ug/l	99
89) n-Butylbenzene	12.37	91	471613	53.869	ug/l	99
90) Hexachloroethane	12.58	117	95877	52.810	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	272724	49.413	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47284	46.461	ug/l	99

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VSTDCCC050

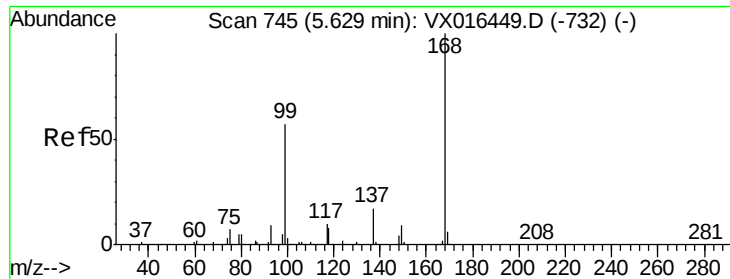
Manual Integrations
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6/5/2020 10:11:54 AM

Quant Time: Jun 05 06:23:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	199899	54.535	ug/l	98
94) Hexachlorobutadiene	13.77	225	87071	60.501	ug/l	98
95) Naphthalene	13.82	128	641623	51.060	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	195207	54.358	ug/l	97

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



#1

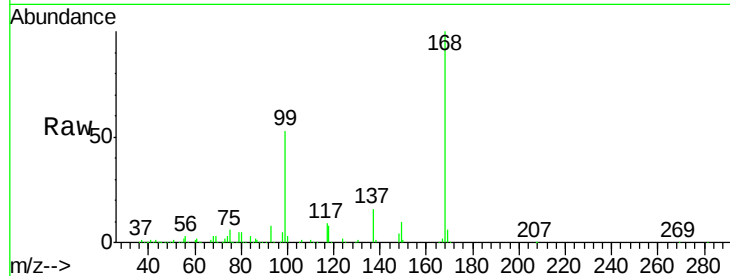
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

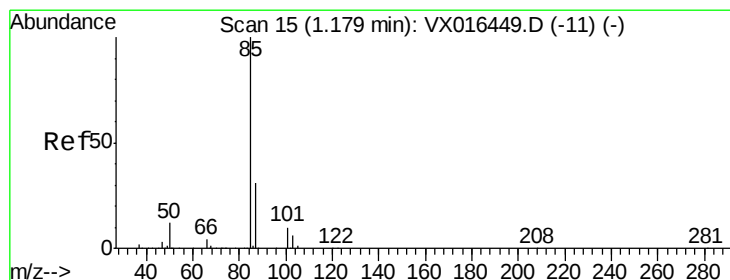
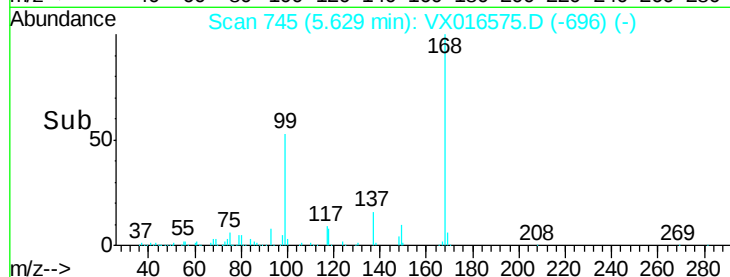
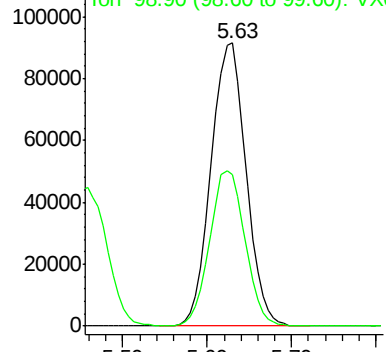
Tot Ion	Ratio	Lower	Upper
168	100		
99	53.3	45.2	67.8

Manual Integrations
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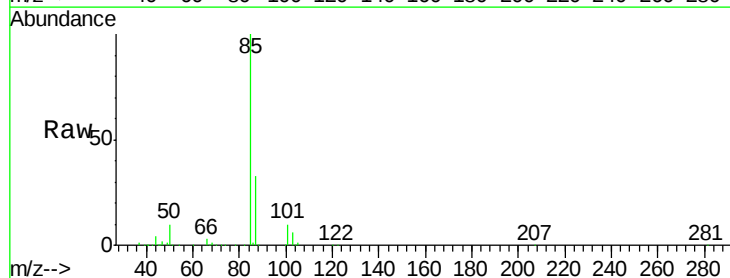
Abundance Ion 167.90 (167.60 to 168.60): V



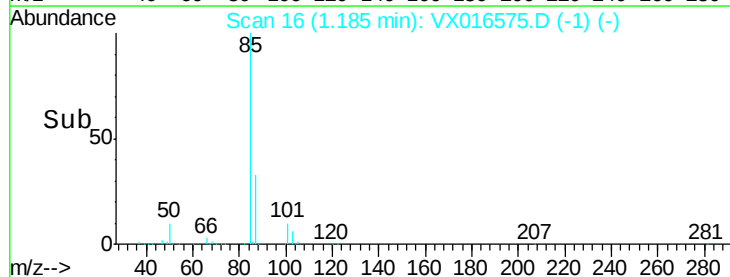
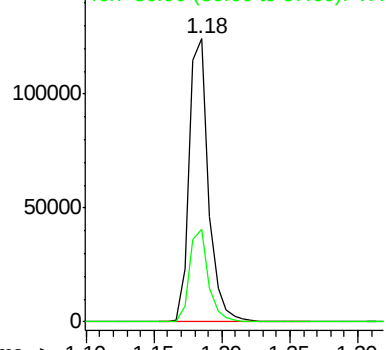
#2

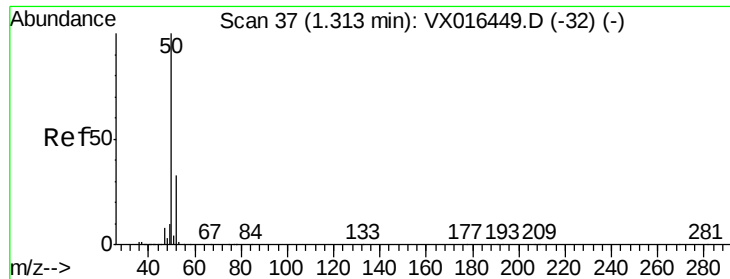
Dichlorodifluoromethane
 Concen: 48.262 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.01 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.4	46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0





#3

Chloromethane

Concen: 42.316 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 129813

Ion Ratio Lower Upper

50 100

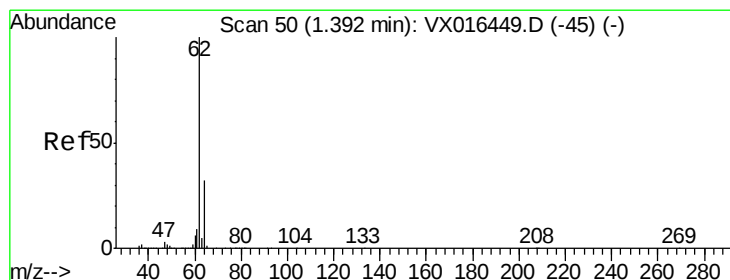
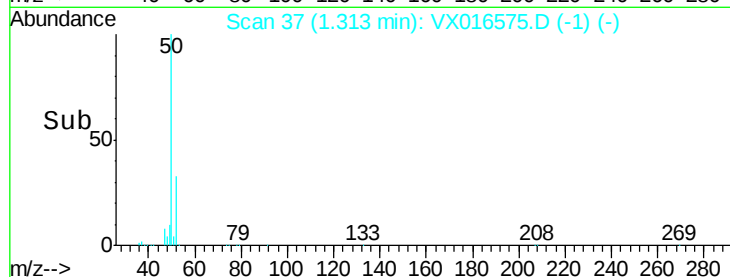
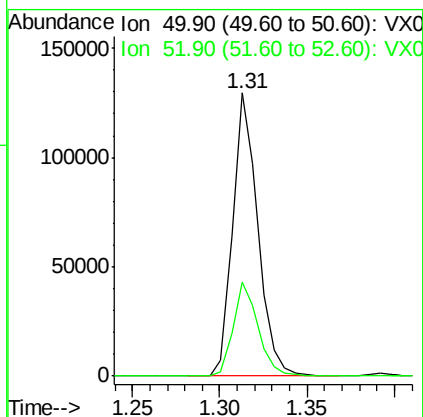
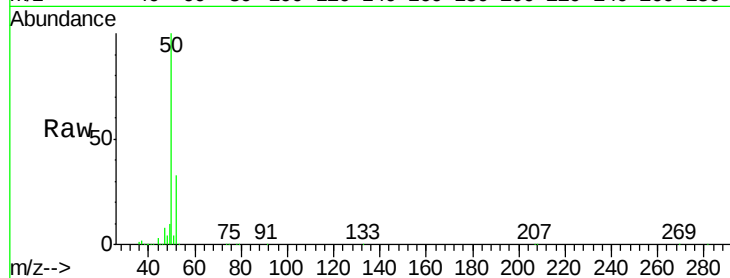
52 33.2 26.2 39.2

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#4

Vinyl Chloride

Concen: 44.617 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016575.D

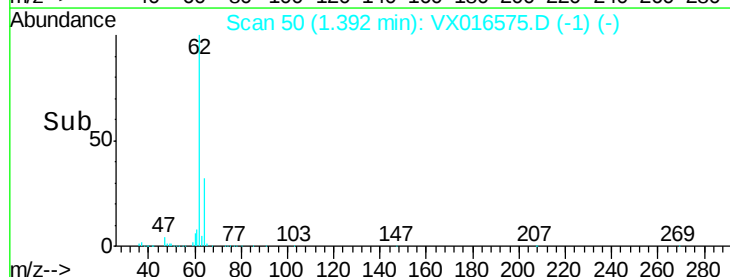
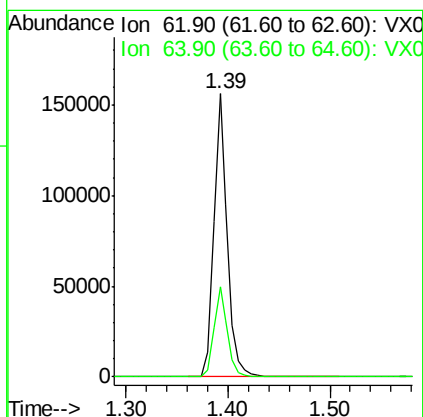
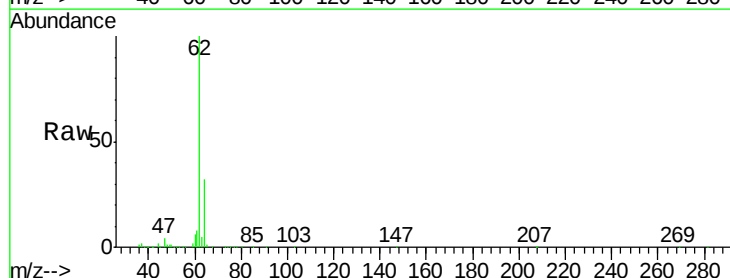
Acq: 04 Jun 2020 09:59

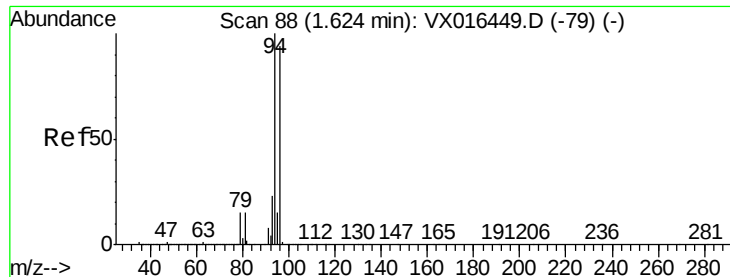
Tgt Ion: 62 Resp: 144748

Ion Ratio Lower Upper

62 100

64 31.7 25.9 38.9





#5

Bromomethane

Concen: 42.396 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 66876

Ion Ratio Lower Upper

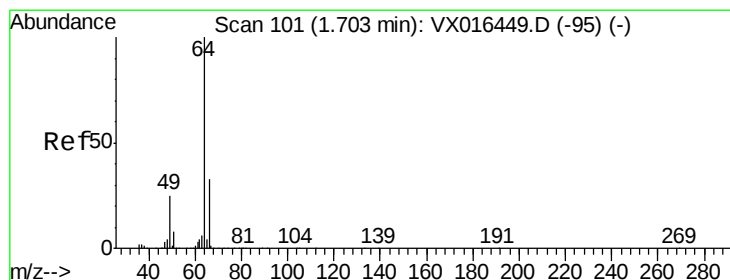
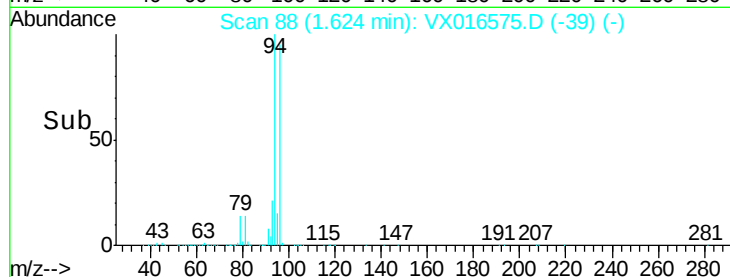
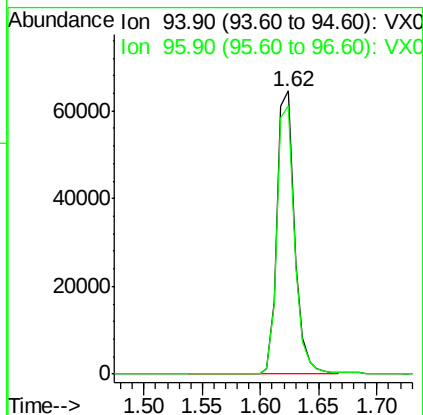
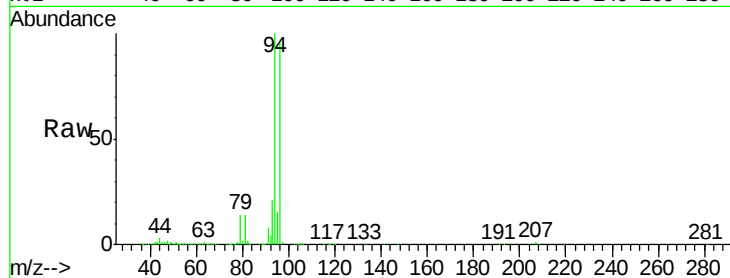
94 100

96 94.6 75.1 112.7

Manual Integrations
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#6

Chloroethane

Concen: 46.000 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016575.D

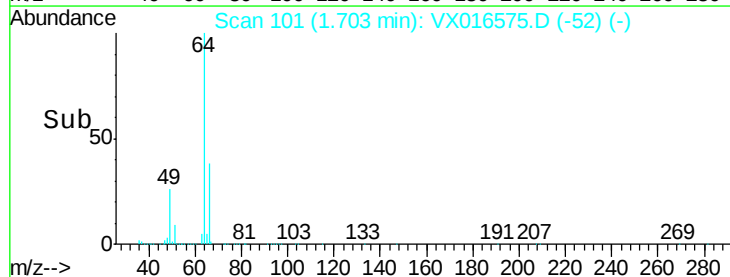
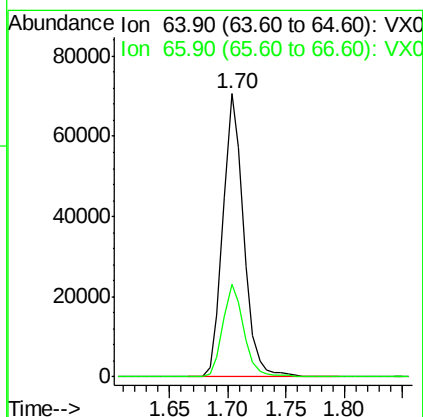
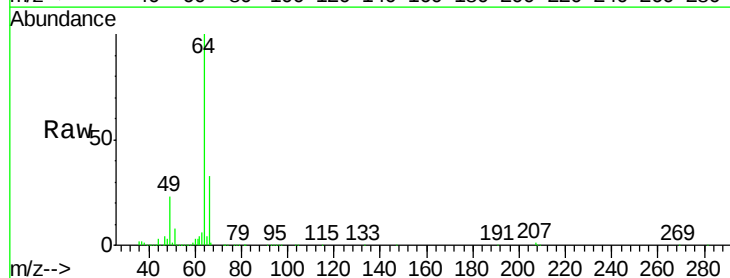
Acq: 04 Jun 2020 09:59

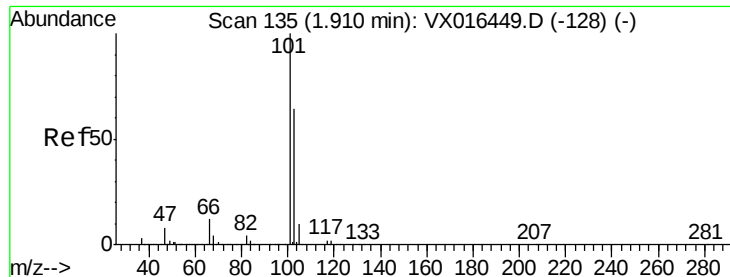
Tgt Ion: 64 Resp: 87052

Ion Ratio Lower Upper

64 100

66 32.7 26.7 40.1





#7

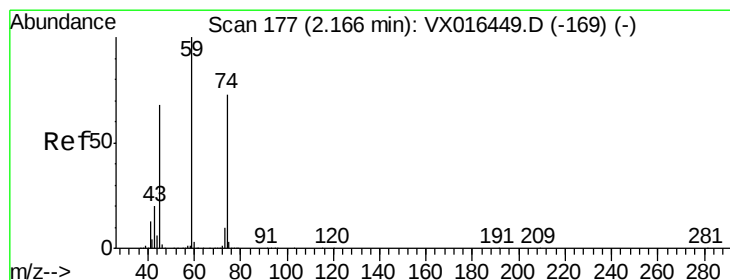
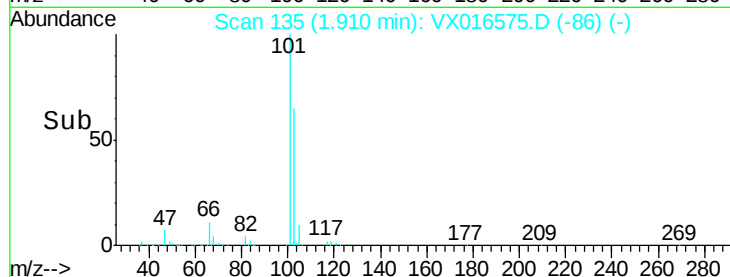
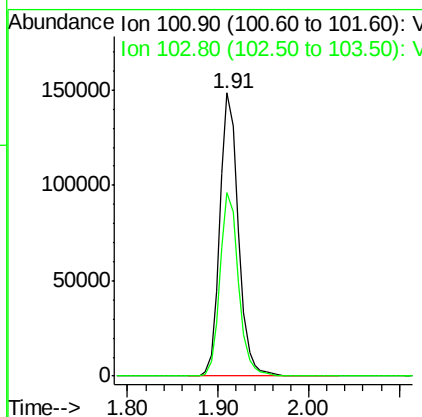
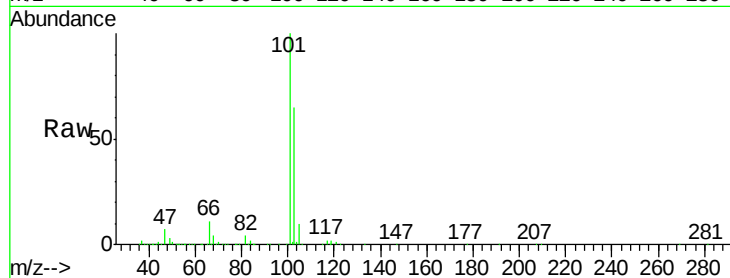
Trichlorofluoromethane
Concen: 49.826 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.9	76.3

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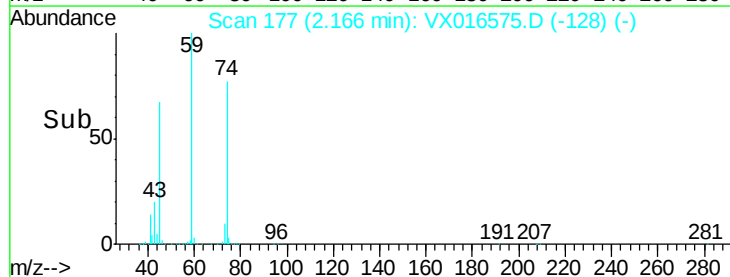
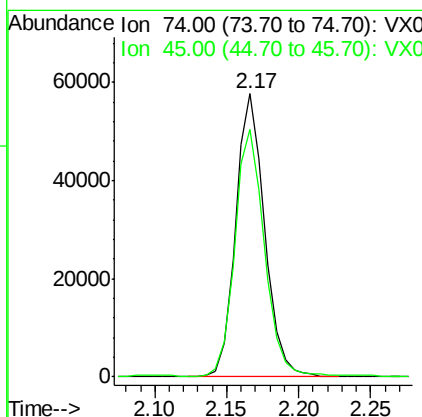
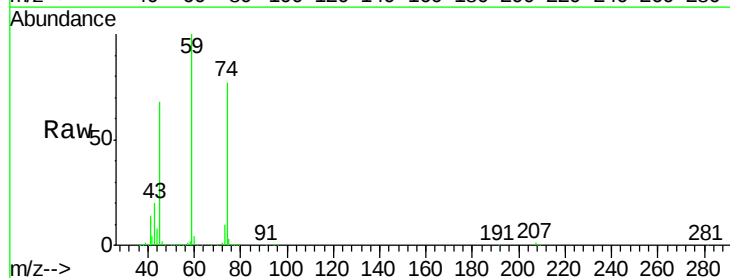
MMDadoda
6/5/2020 10:11:54 AM



#8

Diethyl Ether
Concen: 45.417 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.9	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.056 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

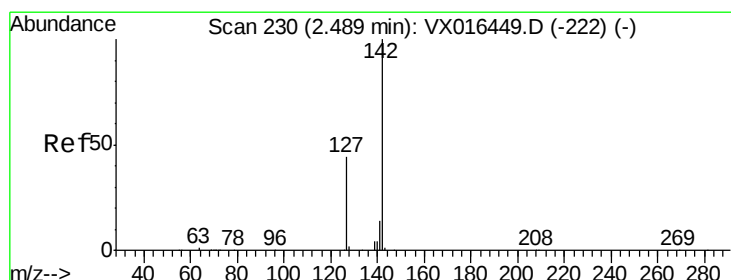
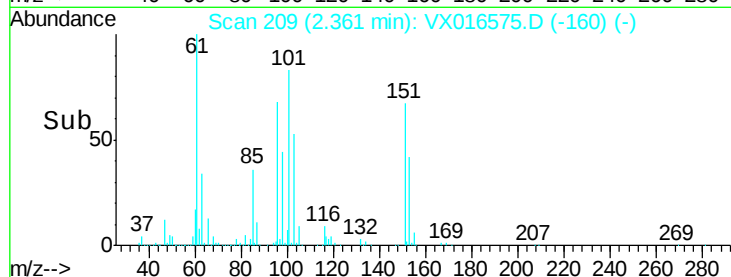
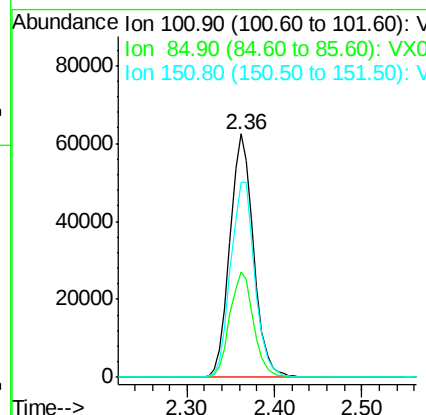
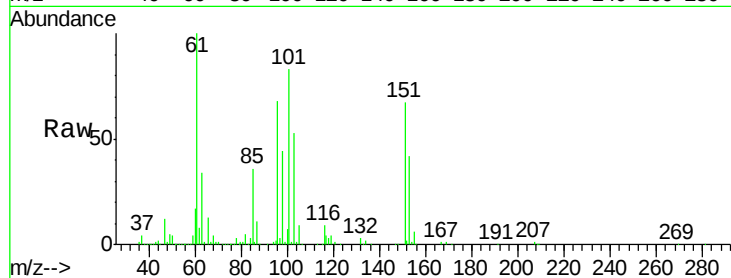
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	117375
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.4	51.6
151	82.1	63.8	95.6

Manual Integrations
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6/5/2020 10:11:54 AM



#10

Methyl Iodide

Concen: 38.314 ug/l

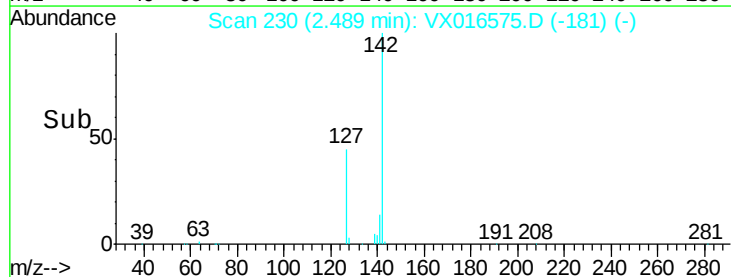
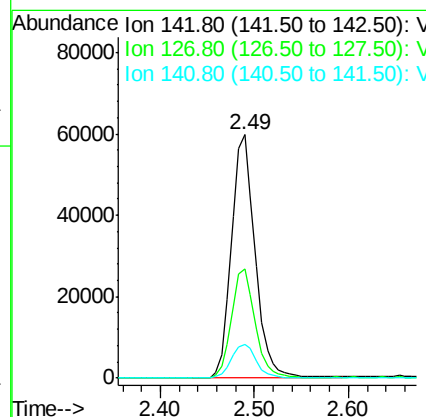
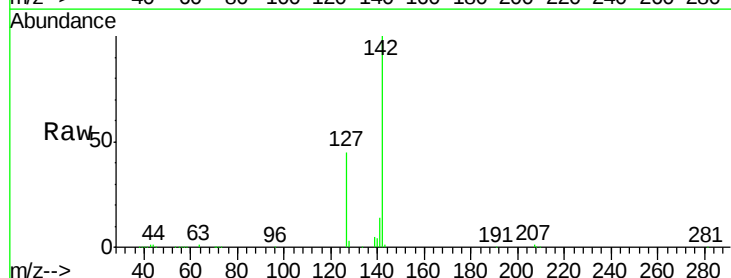
RT: 2.49 min Scan# 230

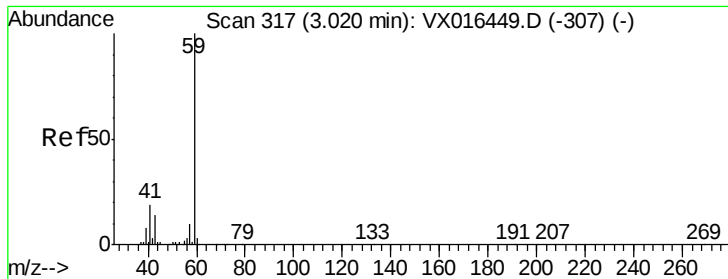
Delta R.T. 0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Tgt Ion:	142	Resp:	105207
Ion Ratio	Lower	Upper	
142	100		
127	44.8	35.3	52.9
141	14.4	11.4	17.2





#11

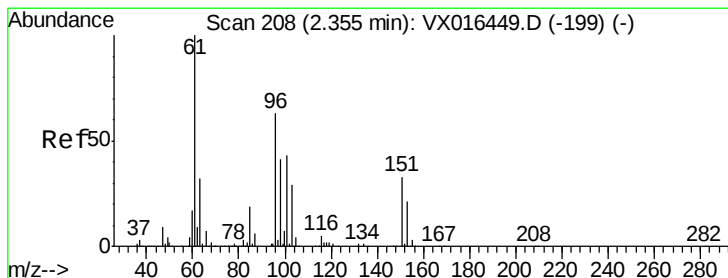
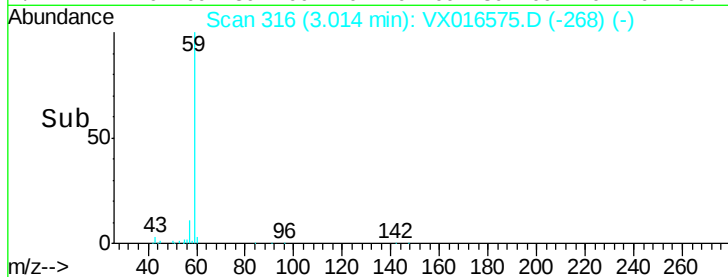
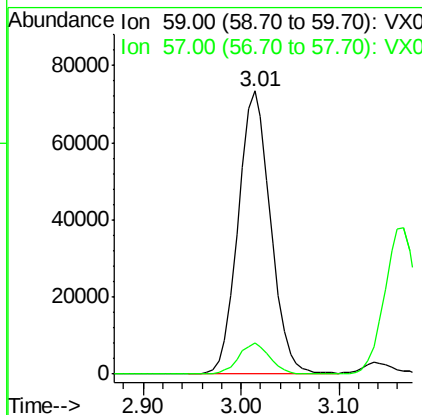
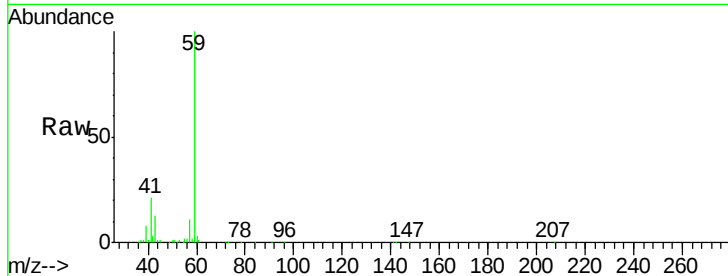
Tert butyl alcohol
 Concen: 205.154 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.5	8.2	12.4

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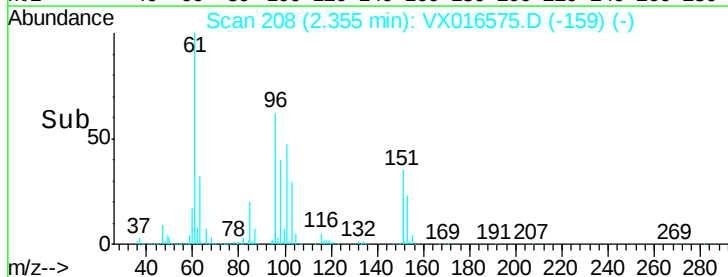
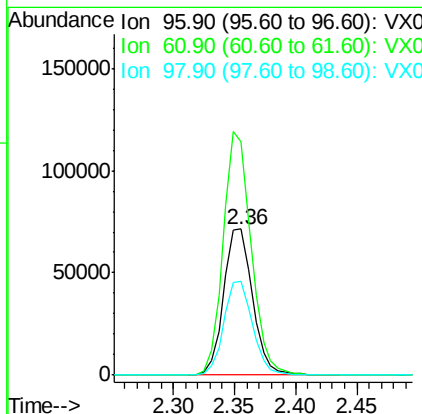
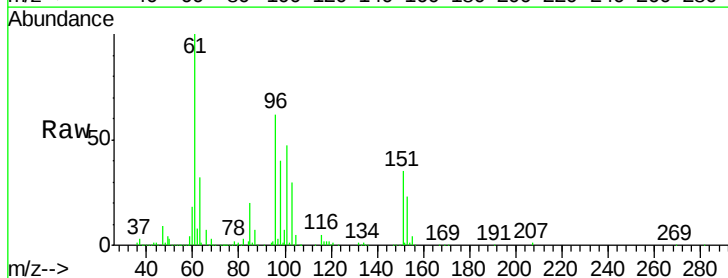
MMDadoda
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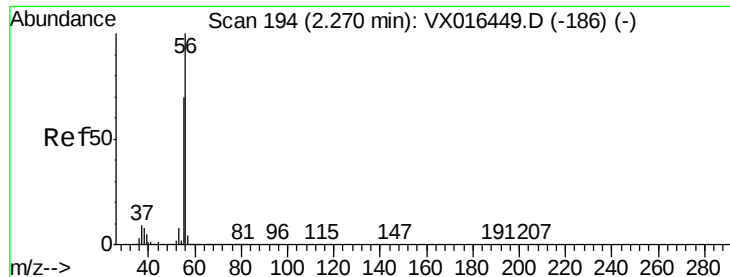


#12

1,1-Dichloroethene
 Concen: 47.221 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	160.5	126.6	189.8
98	98	64.4	51.3	76.9





#13

Acrolein

Concen: 252.958 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 88394

Ion Ratio Lower Upper

56 100

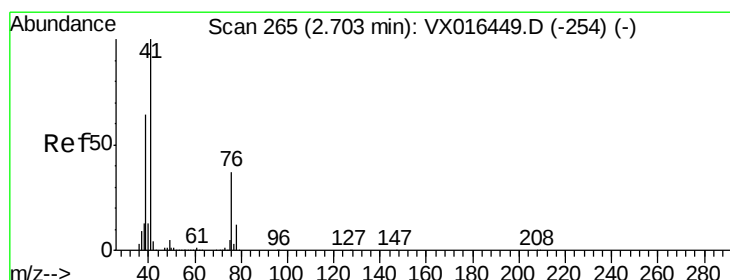
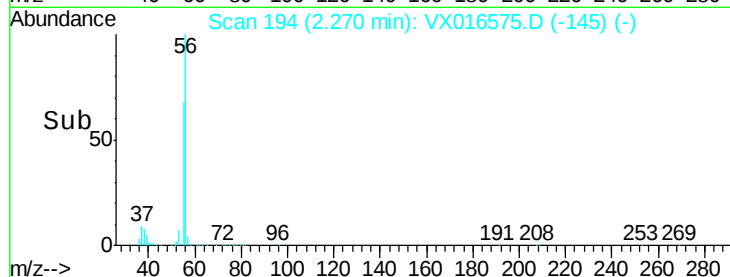
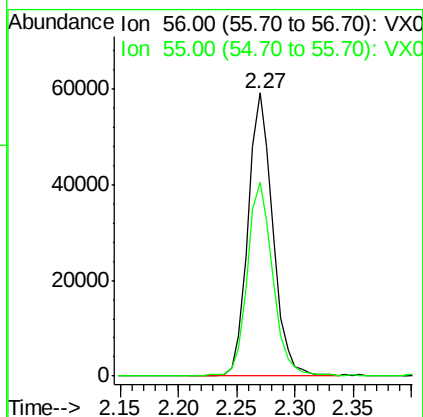
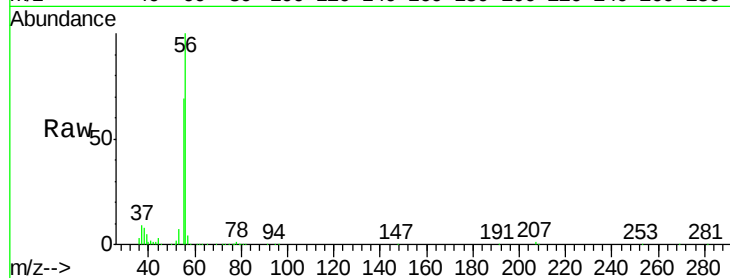
55 69.9 58.3 87.5

Manual Integrations

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#14

Allyl chloride

Concen: 42.779 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

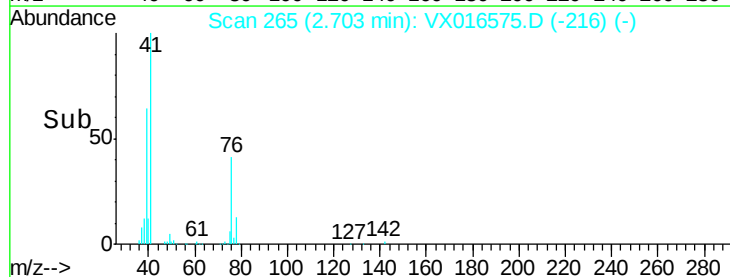
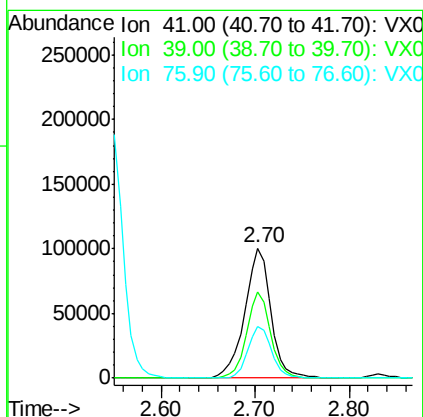
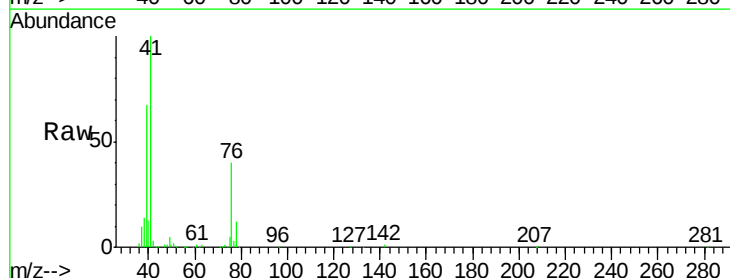
Tgt Ion: 41 Resp: 195274

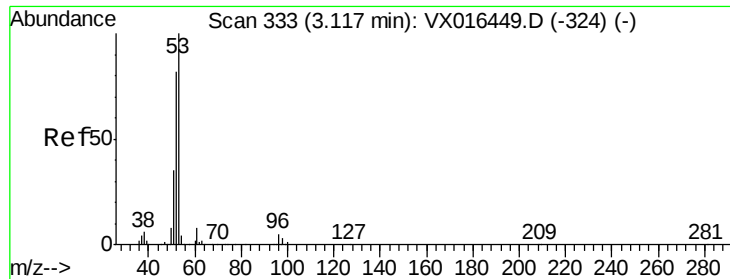
Ion Ratio Lower Upper

41 100

39 60.6 47.7 71.5

76 36.2 26.6 40.0





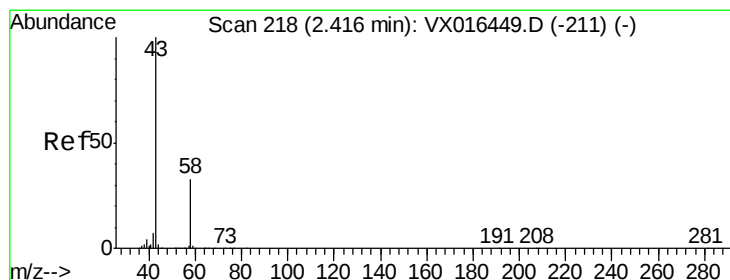
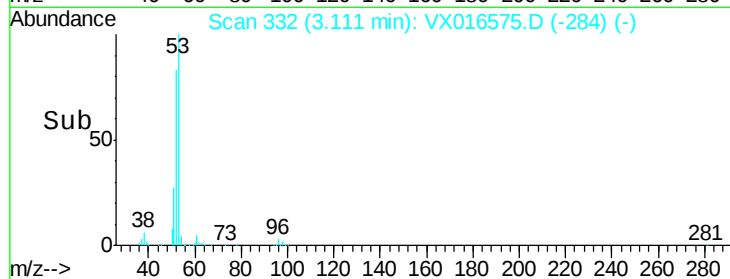
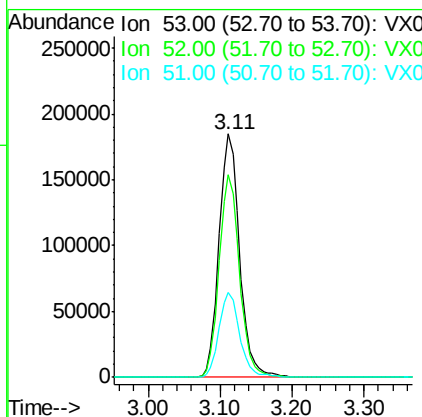
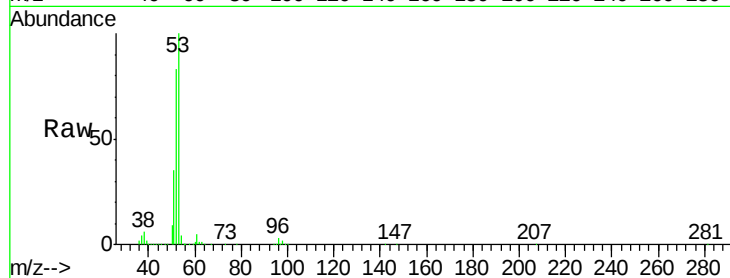
#15
 Acrylonitrile
 Concen: 218.060 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.7	100.1
51	35.4	28.6	43.0

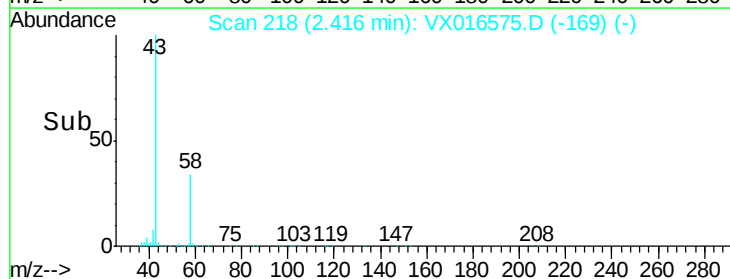
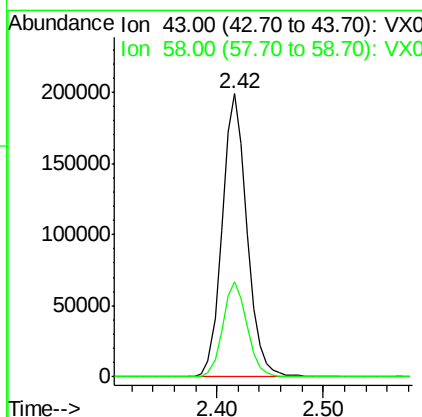
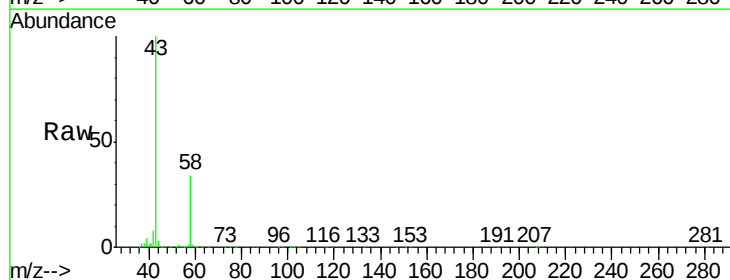
Manual Integrations
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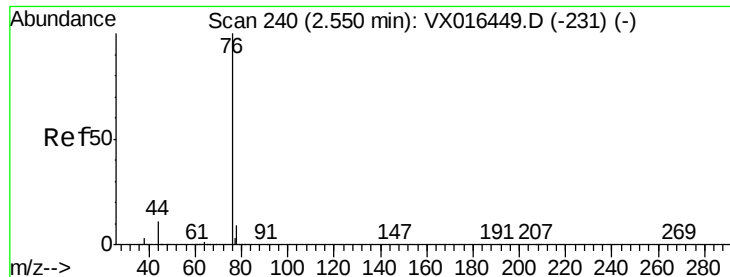
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#16
 Acetone
 Concen: 229.279 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.1	39.1





#17

Carbon Disulfide

Concen: 43.605 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 321408

Ion Ratio Lower Upper

76 100

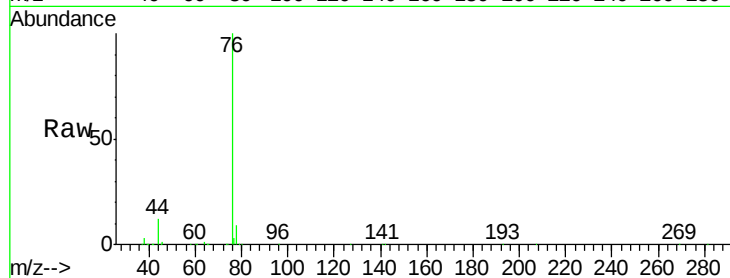
78 8.7 7.4 11.0

Manual Integrations

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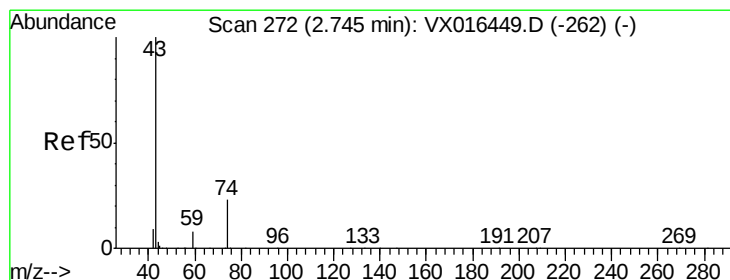
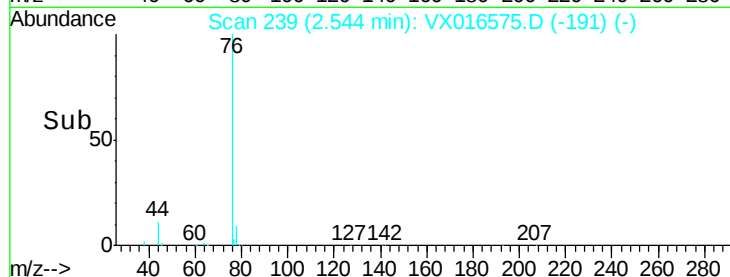
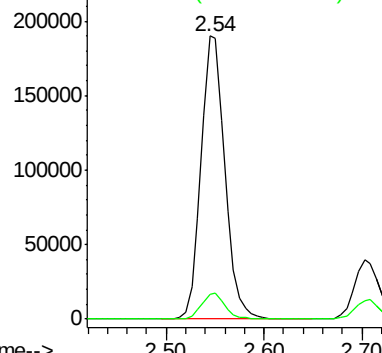
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.299 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016575.D

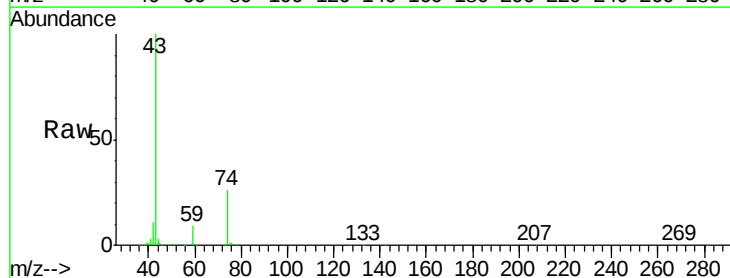
Acq: 04 Jun 2020 09:59

Tgt Ion: 43 Resp: 159466

Ion Ratio Lower Upper

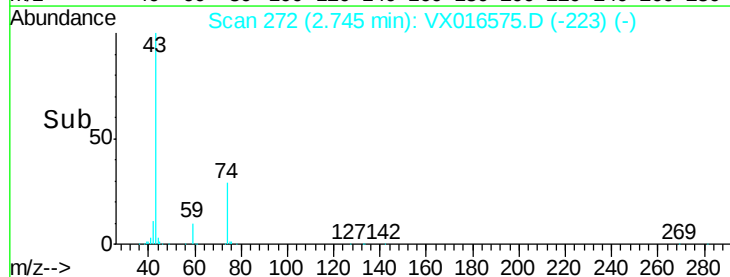
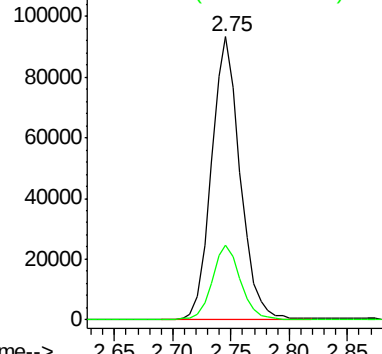
43 100

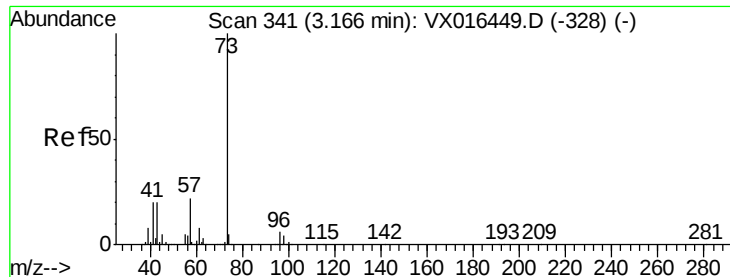
74 26.7 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





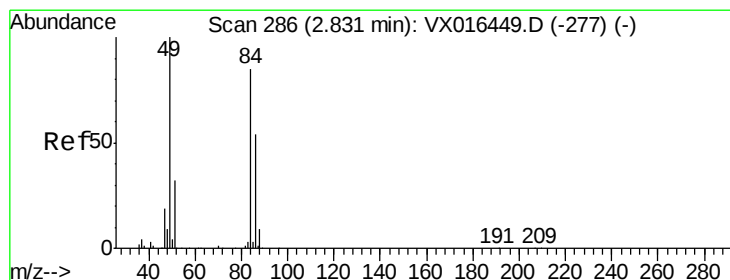
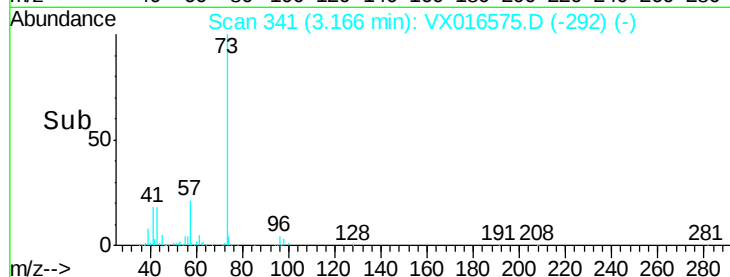
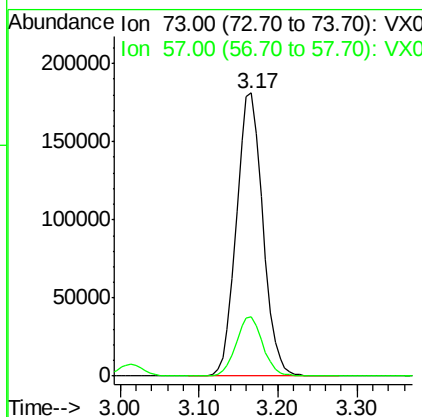
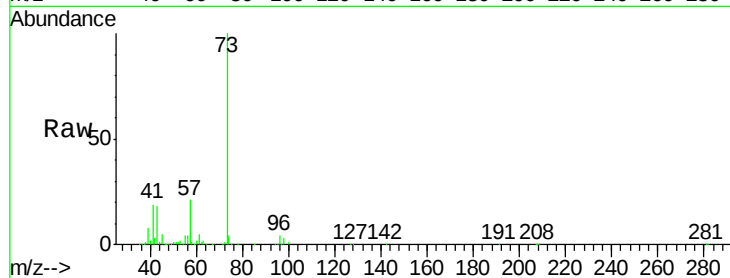
#19
Methyl tert-butyl Ether
Concen: 47.402 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.8	26.6

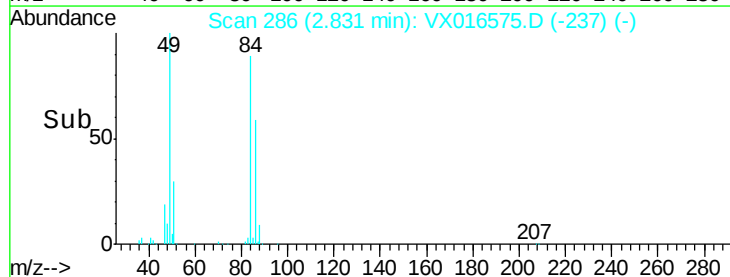
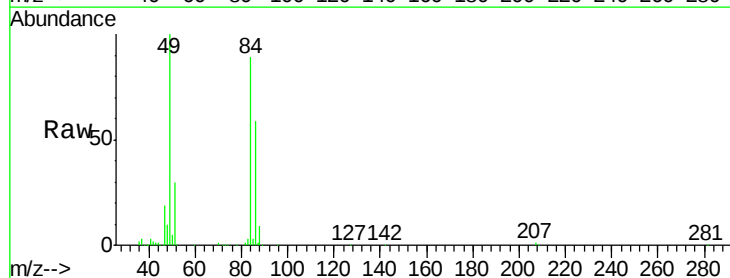
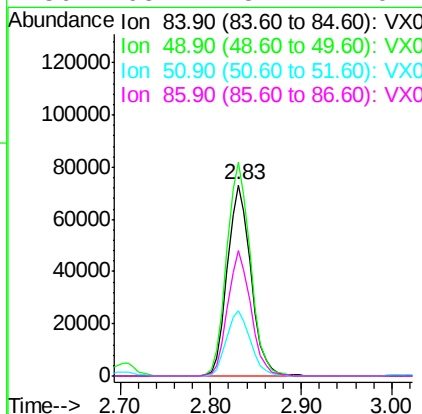
Manual Integrations
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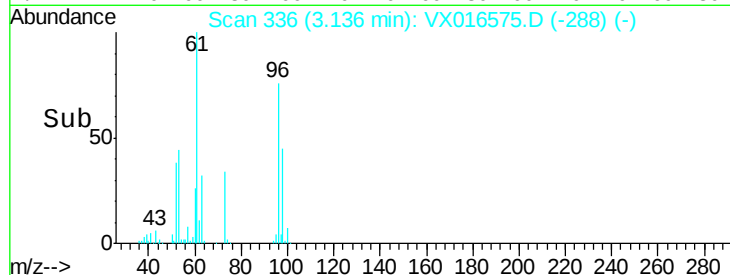
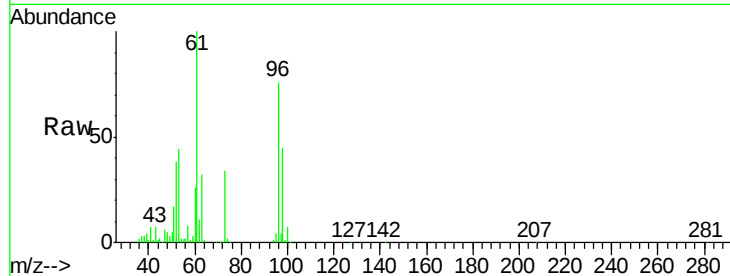
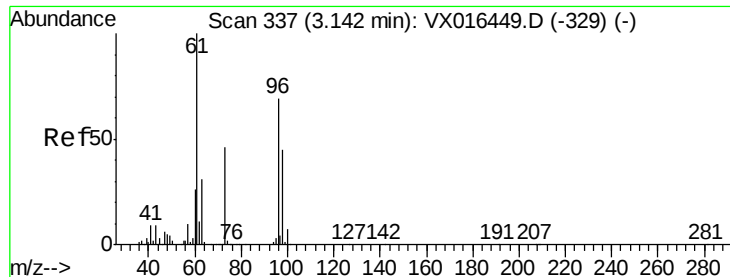
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#20
Methylene Chloride
Concen: 45.316 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.9	94.5	141.7
51	34.1	30.2	45.4
86	65.7	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 46.968 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016575.D

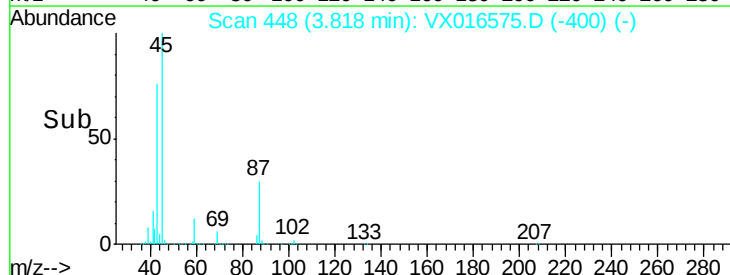
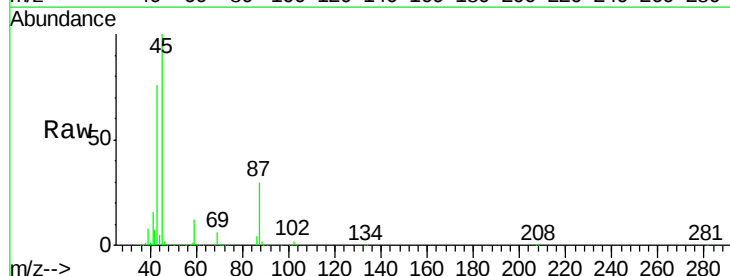
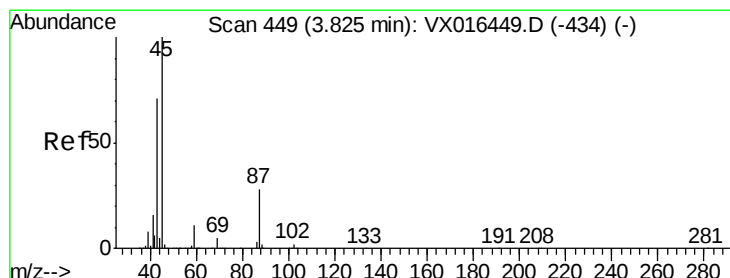
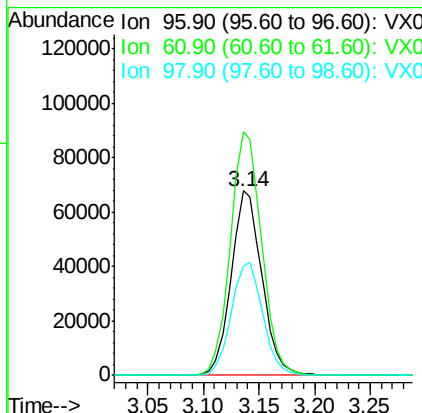
Acq: 04 Jun 2020 09:59

Tot Ion:	96	Resp:	128948
Ion	Ratio	Lower	Upper
96	100		
61	132.2	115.3	172.9
98	59.7	51.9	77.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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#22

Diisopropyl ether

Concen: 44.011 ug/l

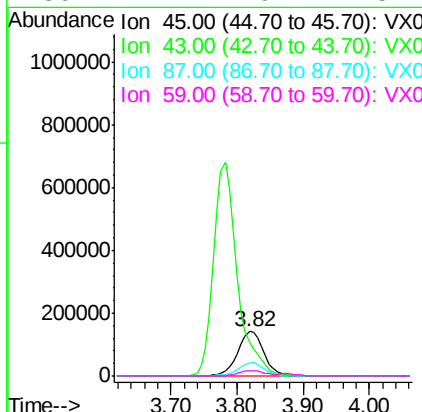
RT: 3.82 min Scan# 448

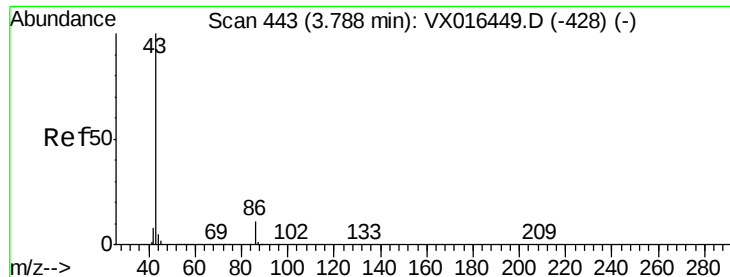
Delta R.T. -0.01 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Tgt Ion:	45	Resp:	385927
Ion	Ratio	Lower	Upper
45	100		
43	75.2	57.0	85.6
87	29.9	22.5	33.7
59	12.4	9.1	13.7





#23

Vinyl Acetate

Concen: 221.598 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1700865

Ion Ratio Lower Upper

43 100

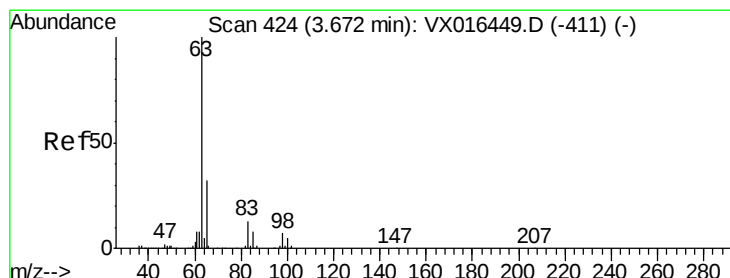
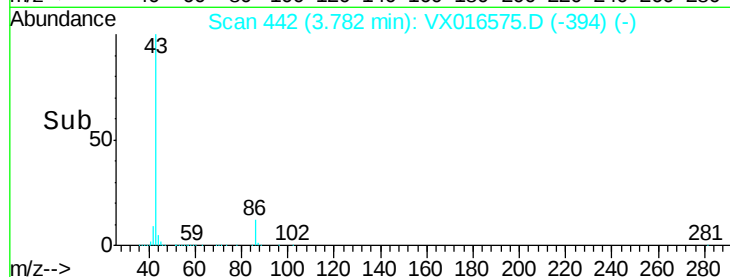
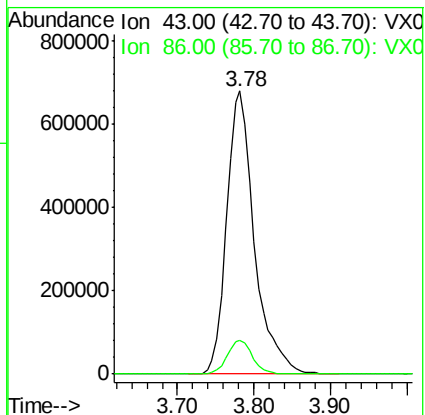
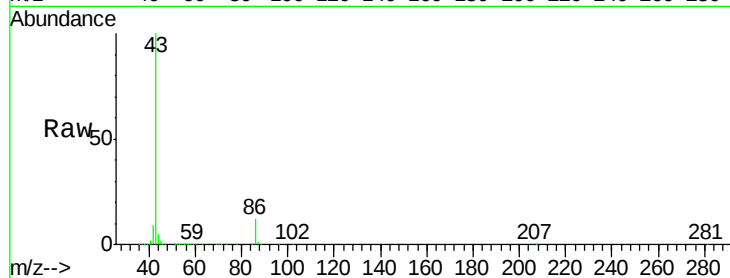
86 11.9 8.6 13.0

Manual Integrations

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6/5/2020 10:11:54 AM



#24

1,1-Dichloroethane

Concen: 45.888 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

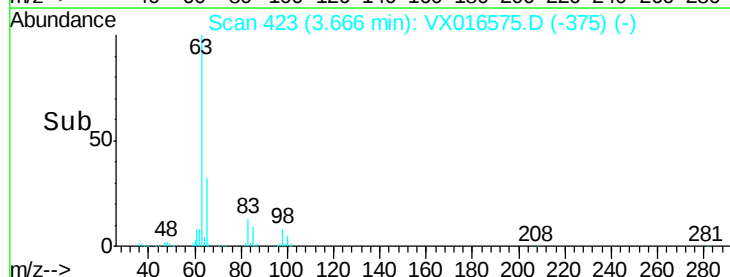
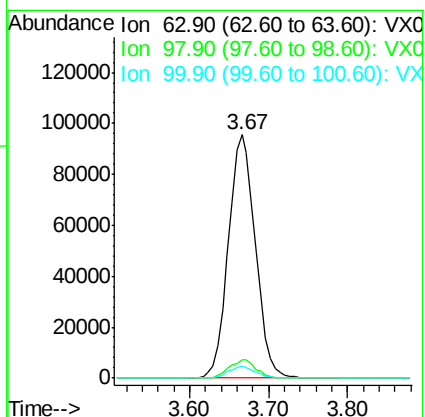
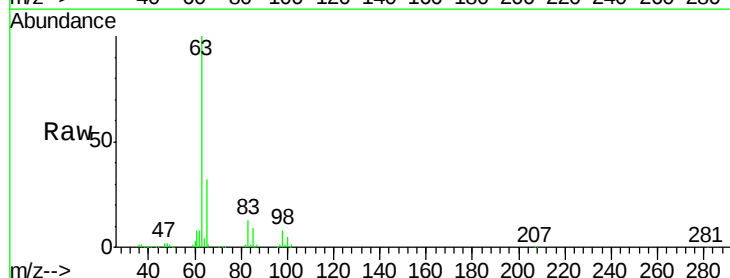
Tgt Ion: 63 Resp: 227111

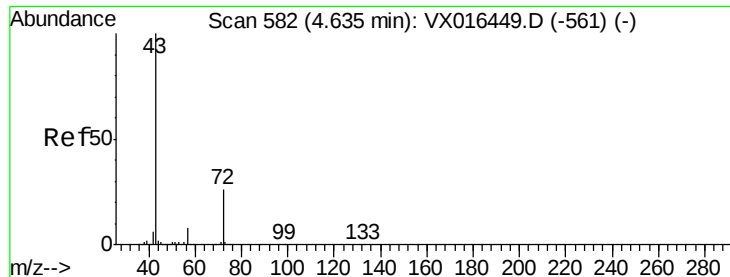
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 211.717 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 503503

Ion Ratio Lower Upper

43 100

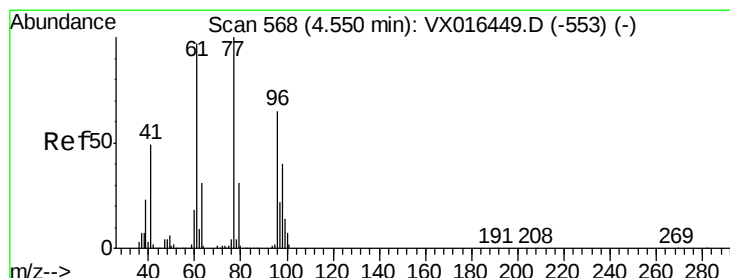
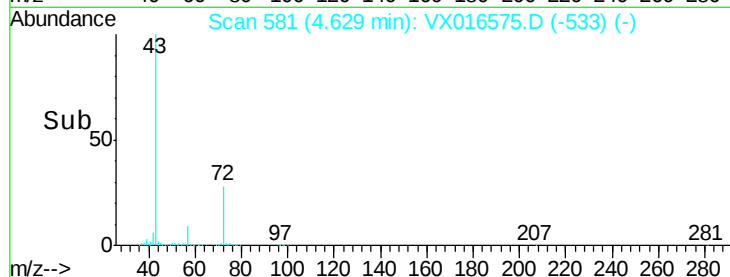
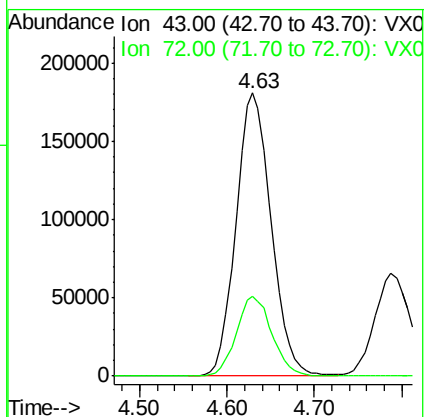
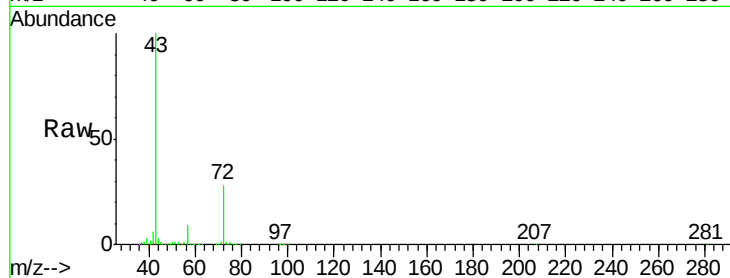
72 27.9 21.0 31.6

Manual Integrations

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6/5/2020 10:11:54 AM



#26

2,2-Dichloropropane

Concen: 53.110 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016575.D

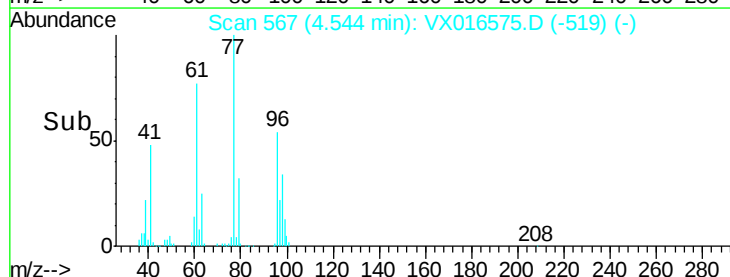
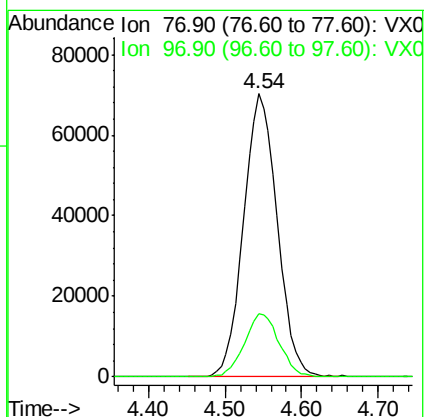
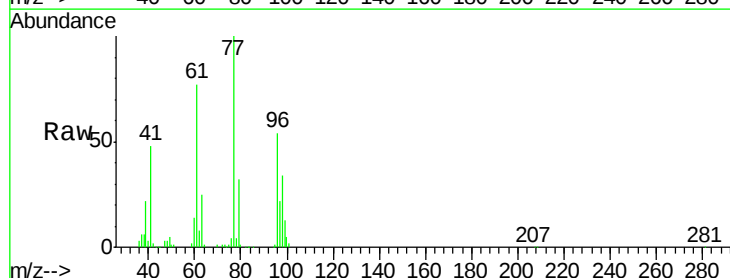
Acq: 04 Jun 2020 09:59

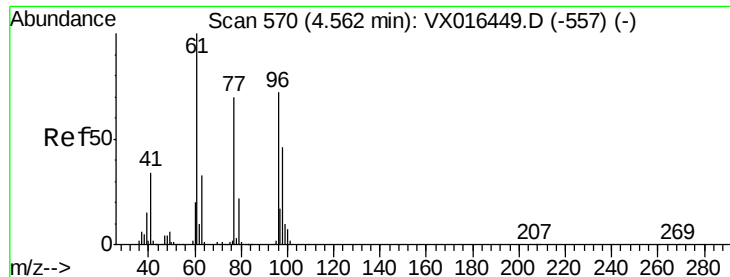
Tgt Ion: 77 Resp: 215089

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4





#27

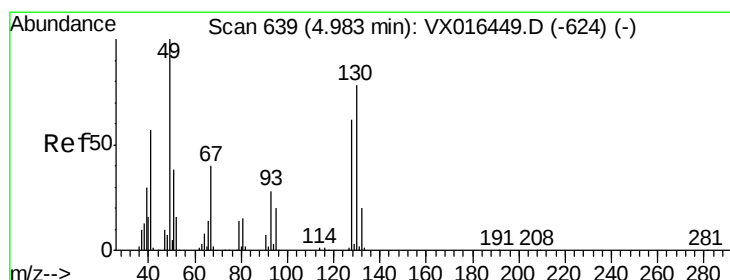
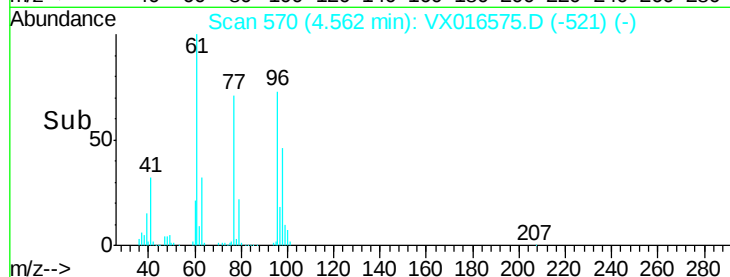
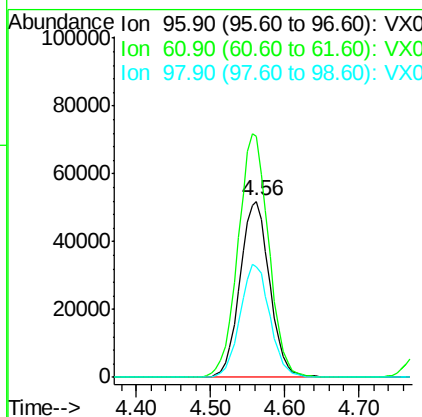
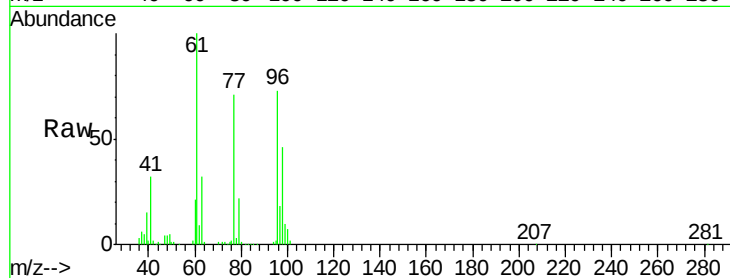
cis-1,2-Dichloroethene
Concen: 45.849 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	145623		
61	142.5	0.0	284.6	
98	64.1	0.0	127.2	

Manual Integrations
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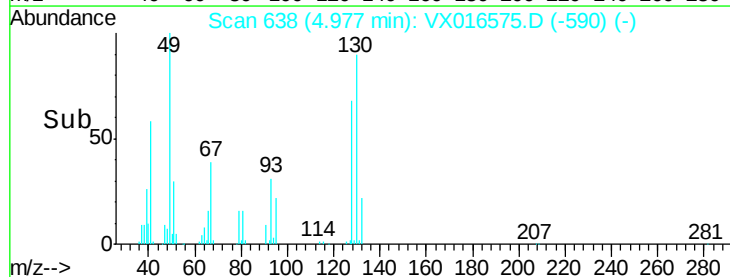
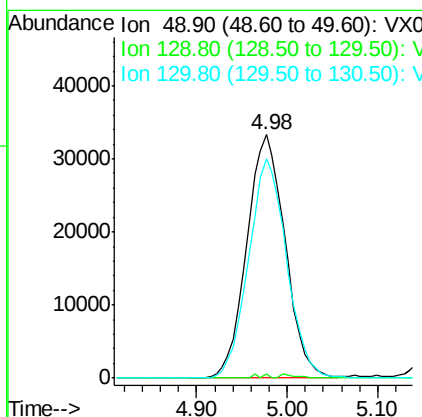
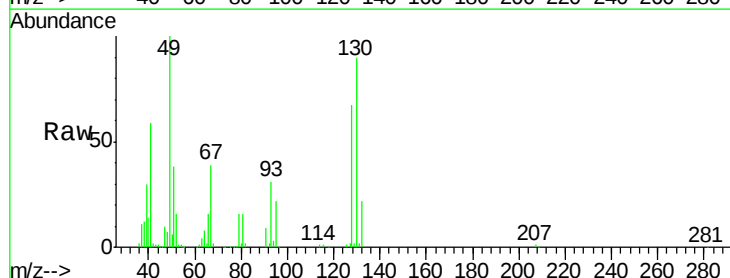
MMDadoda
6/5/2020 10:11:54 AM



#28

Bromochloromethane
Concen: 42.494 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	97735		
129	0.5	0.0	4.0	
130	89.3	63.0	94.4	





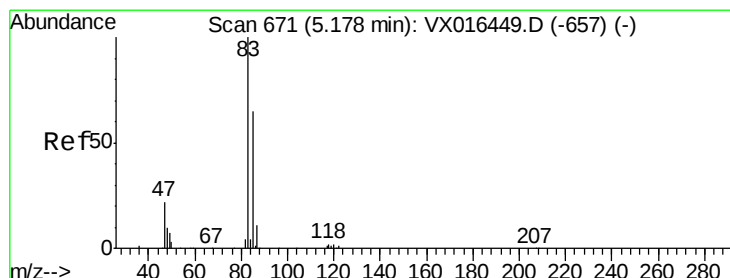
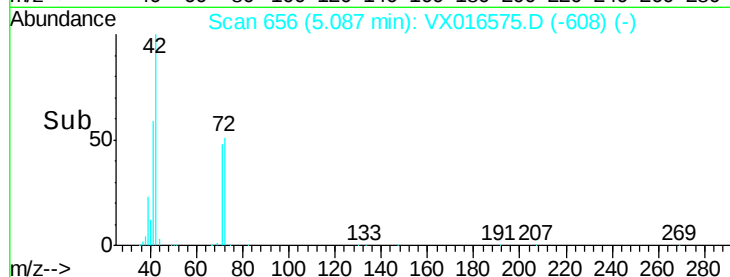
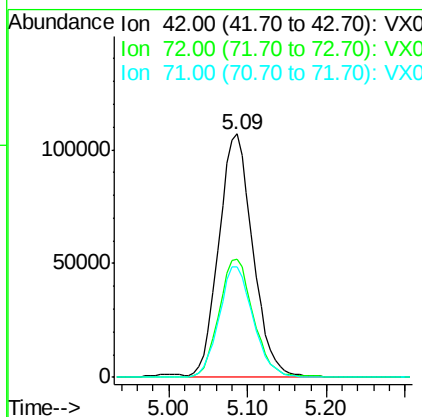
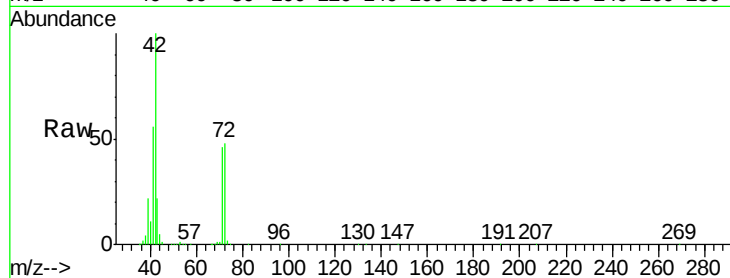
#29
Tetrahydrofuran
Concen: 208.210 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	49.5	37.0	55.4	
71	45.9	34.1	51.1	

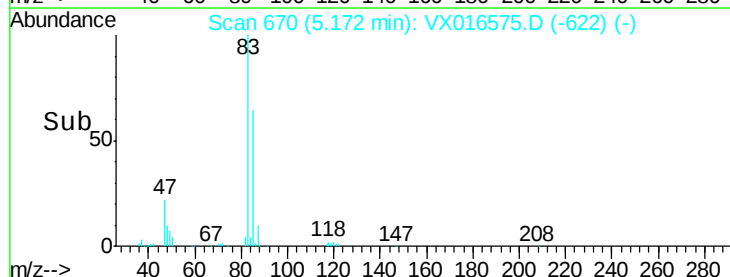
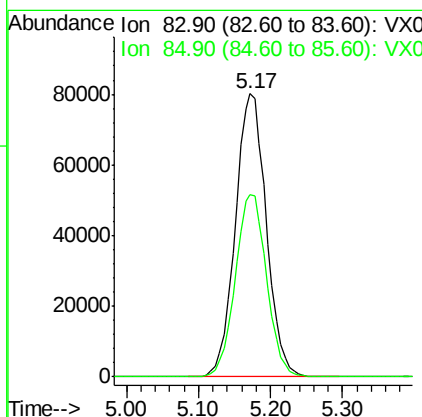
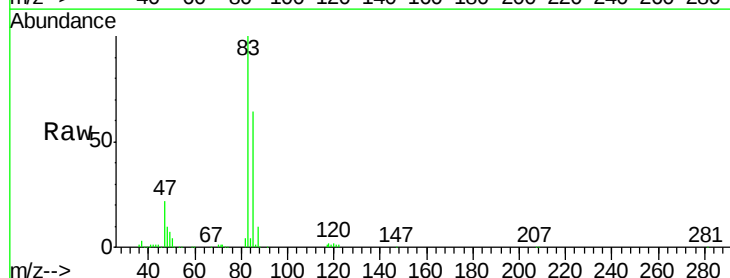
Manual Integrations
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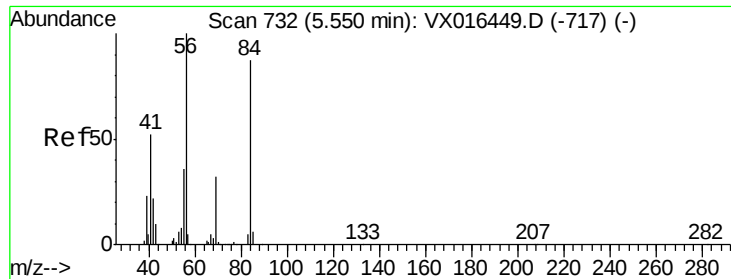
MMDadoda
6/5/2020 10:11:54 AM



#30
Chloroform
Concen: 47.819 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.4	52.0	78.0	





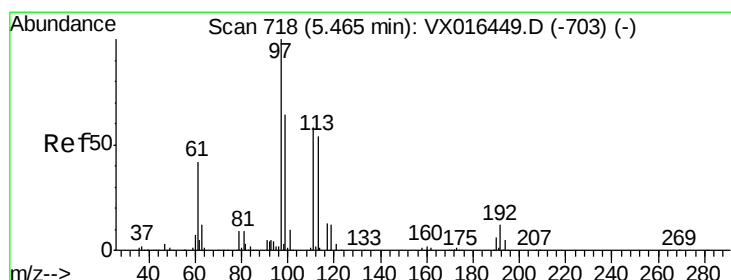
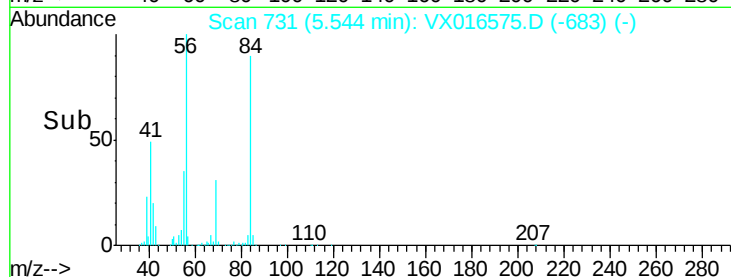
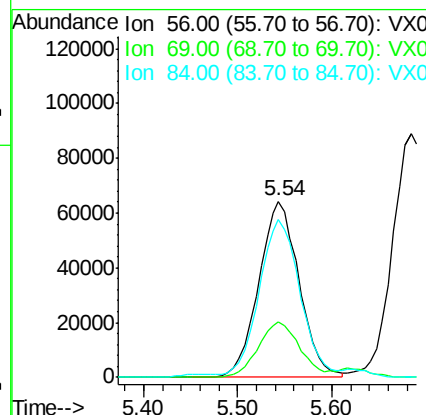
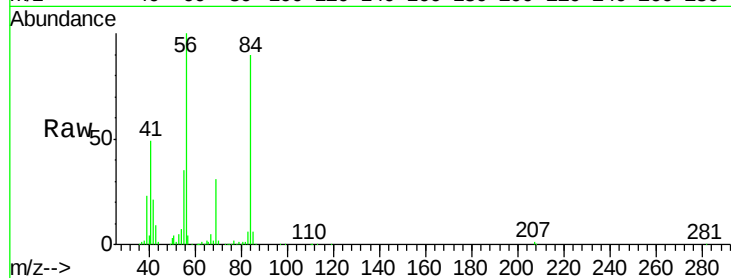
#31
Cyclohexane
Concen: 43.206 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.7	38.5
84	87.9	70.0	105.0

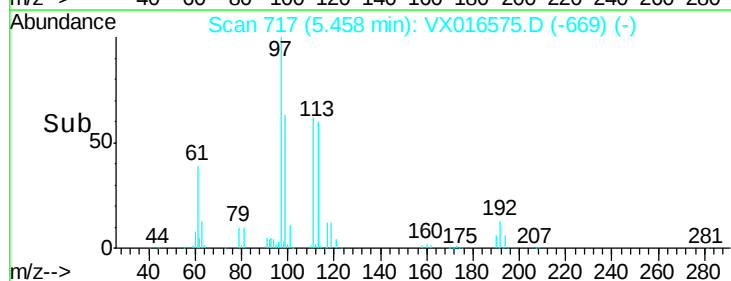
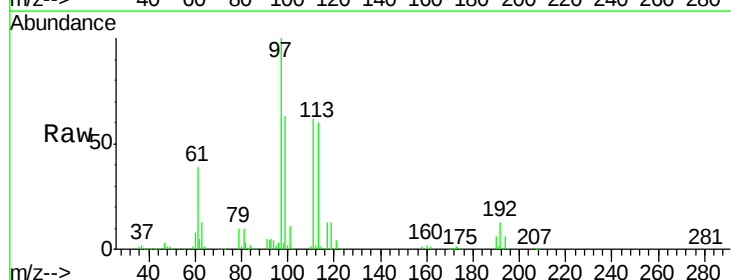
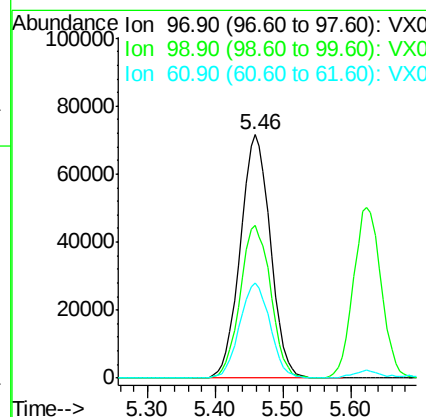
Manual Integrations
APPROVED

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6/5/2020 10:11:54 AM



#32
1,1,1-Trichloroethane
Concen: 48.679 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.2
61	39.7	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 48.355 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 154903

Ion Ratio Lower Upper

65 100

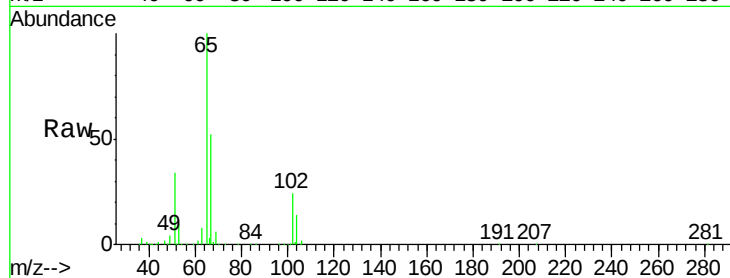
67 52.4 0.0 104.8

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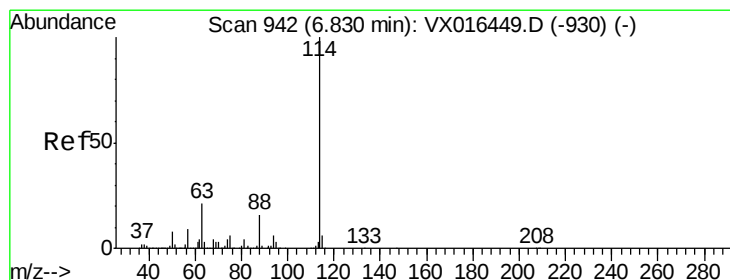
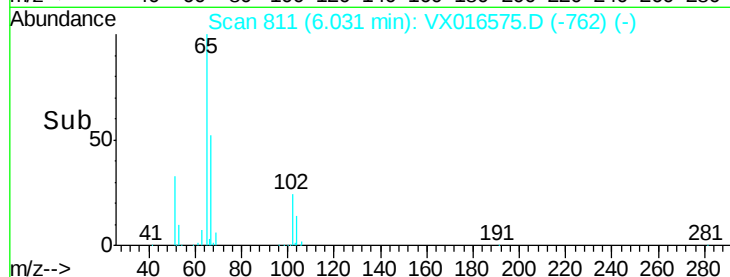
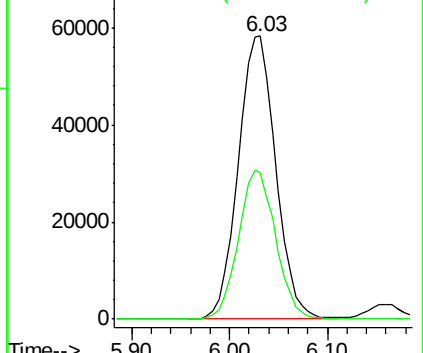
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

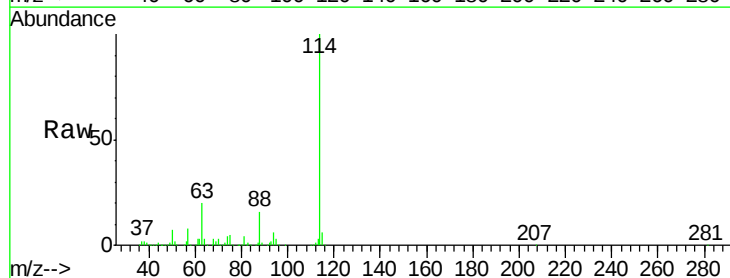
Tgt Ion: 114 Resp: 381145

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

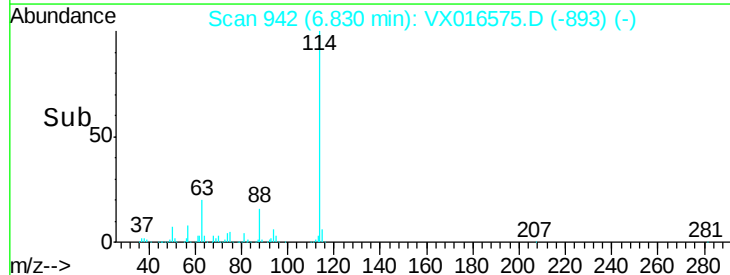
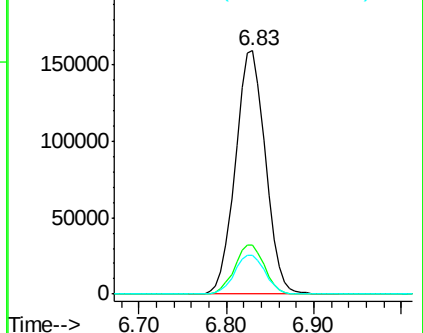
88 16.2 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.372 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

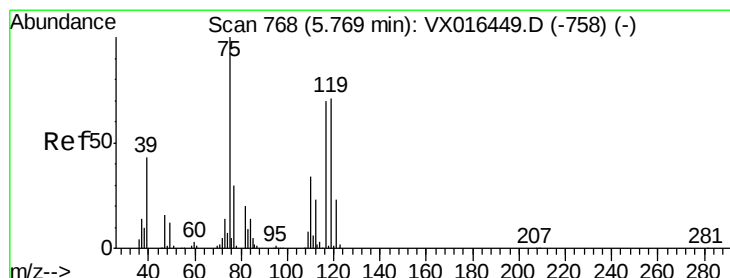
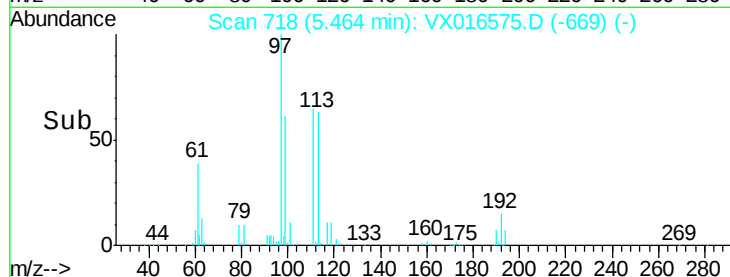
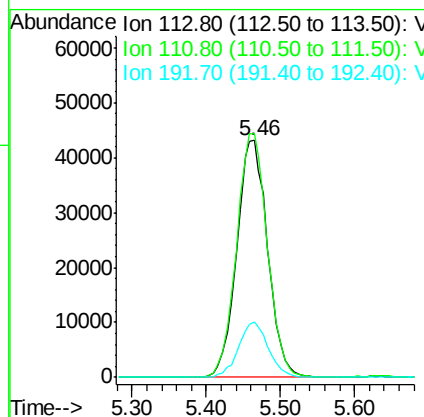
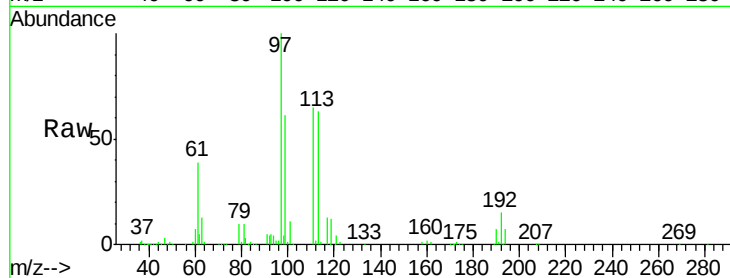
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	125257
Ion Ratio	Lower	Upper	
113	100		
111	102.7	83.0	124.6
192	22.6	17.7	26.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.147 ug/l

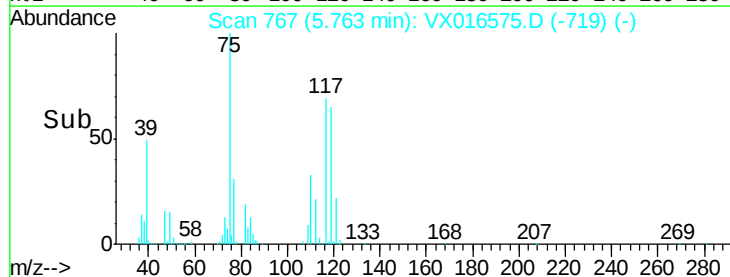
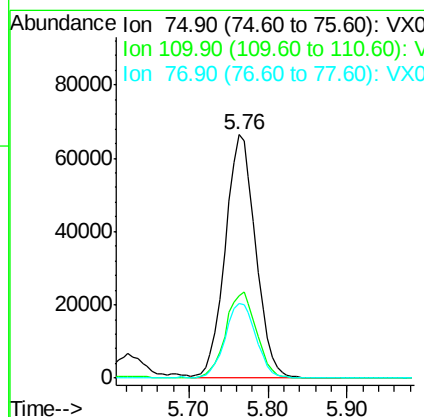
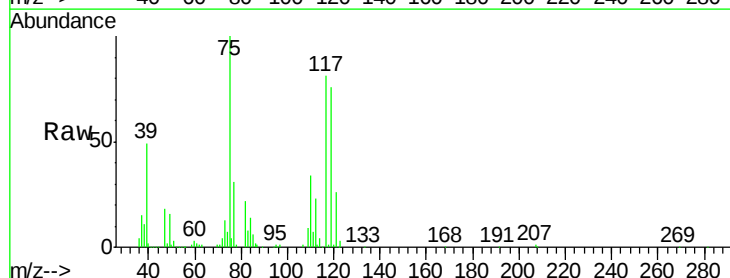
RT: 5.76 min Scan# 767

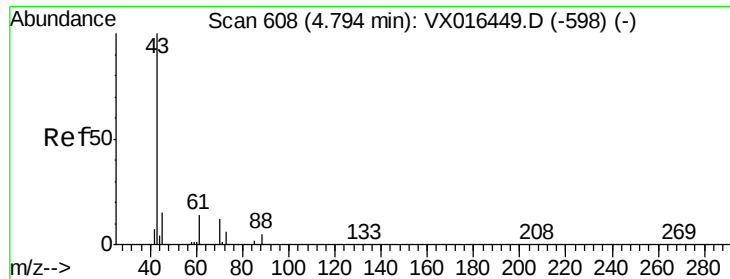
Delta R.T. -0.01 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Tgt Ion:	75	Resp:	177357
Ion Ratio	Lower	Upper	
75	100		
110	35.8	17.4	52.3
77	31.6	24.2	36.4





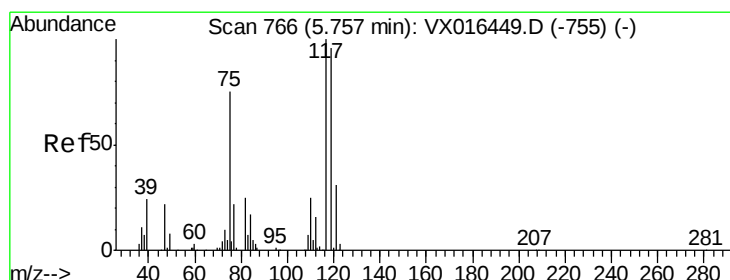
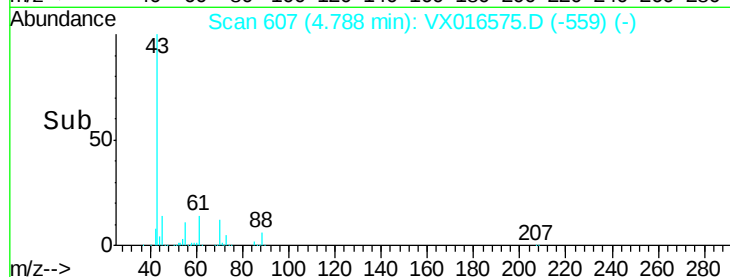
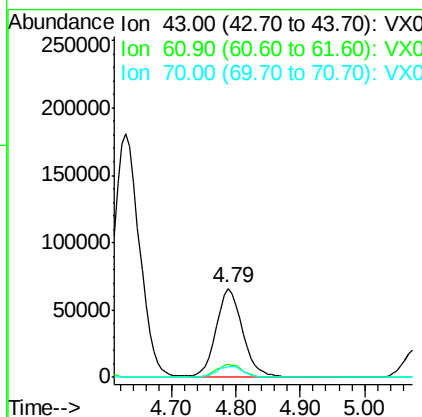
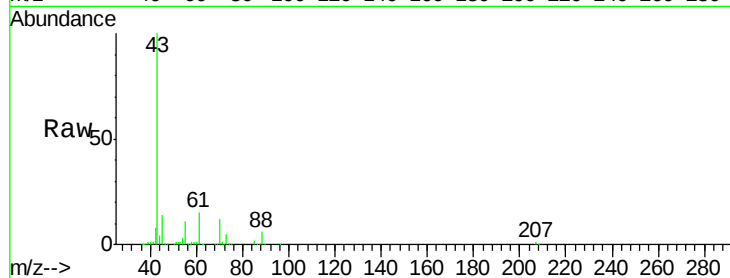
#37
Ethyl Acetate
Concen: 43.902 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.3	16.9
70	12.5	9.3	13.9

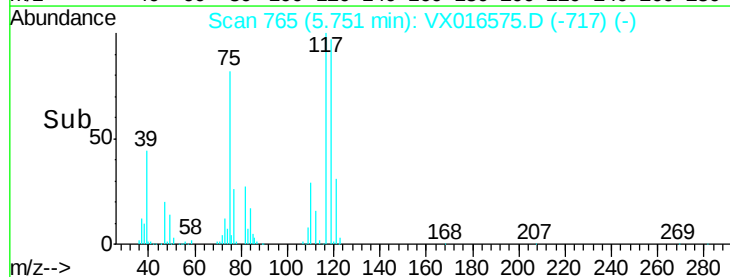
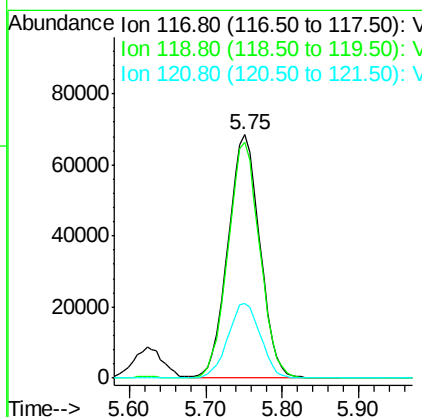
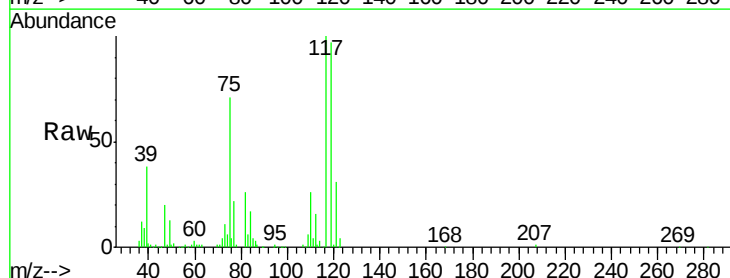
Manual Integrations
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6/5/2020 10:11:54 AM



#38
Carbon Tetrachloride
Concen: 52.195 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.3	114.5
121	30.6	24.6	37.0





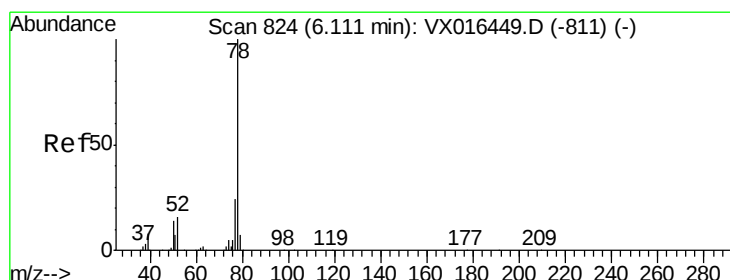
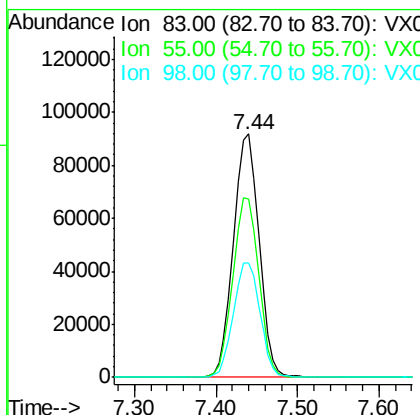
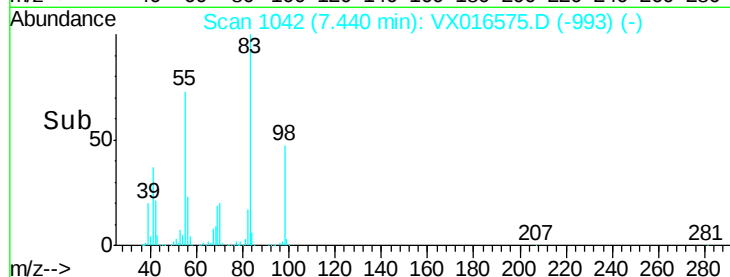
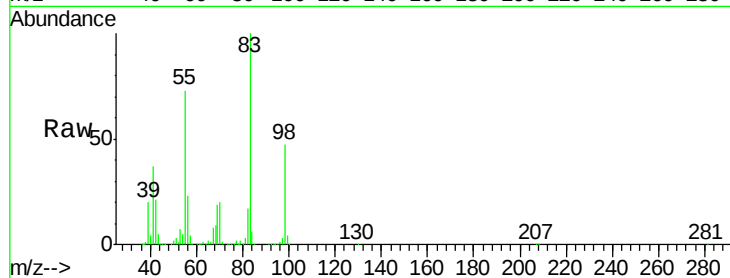
#39
Methvlcvclohexane
Concen: 50.889 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.3	61.7	92.5
98	46.9	38.7	58.1

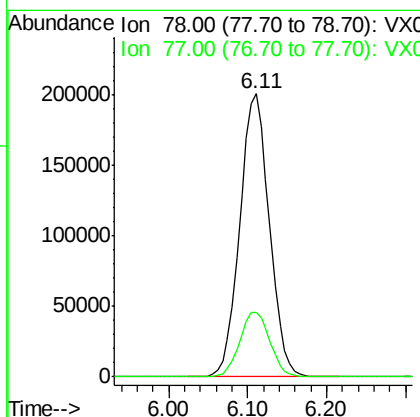
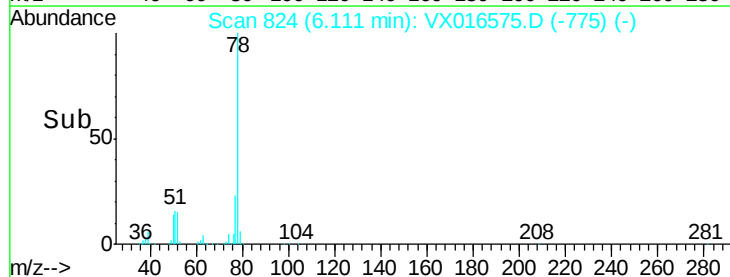
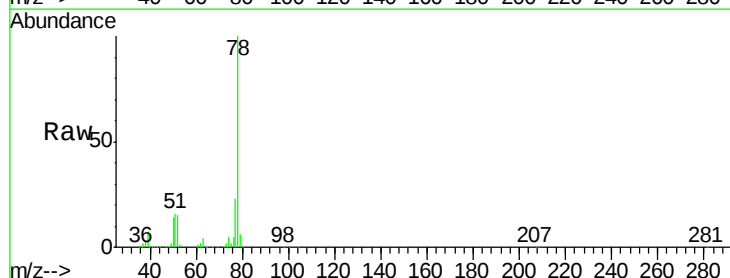
Manual Integrations
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6/5/2020 10:11:54 AM



#40
Benzene
Concen: 48.729 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.9	28.3





#41

Methacrylonitrile

Concen: 43.429 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

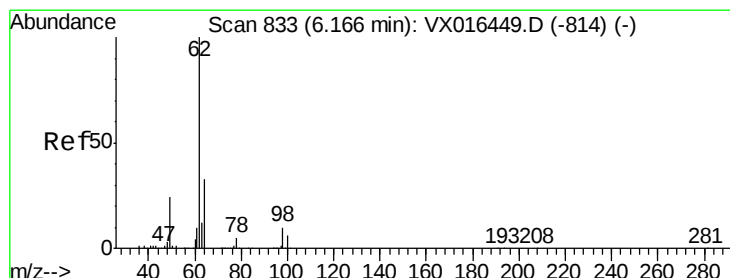
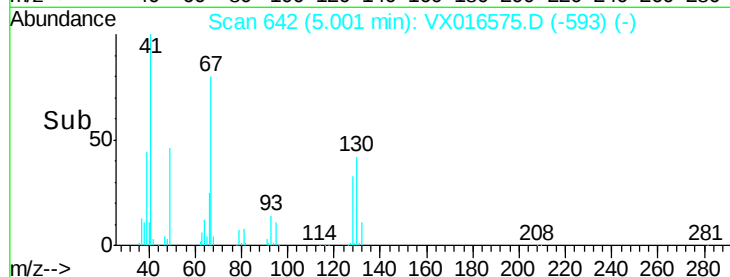
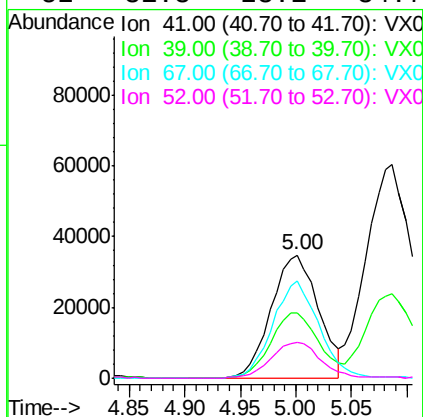
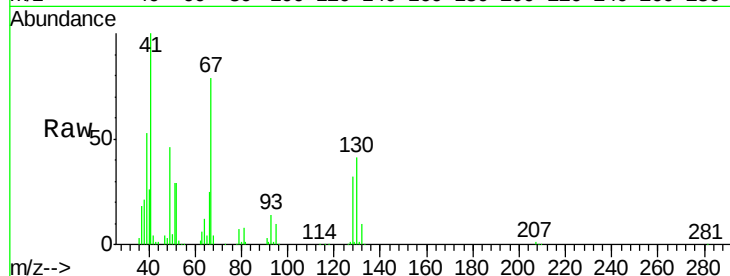
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	54.2	43.0	64.4		
67	77.2	58.9	88.3		
52	31.3	23.1	34.7		

Manual Integrations
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MMDadoda
6/5/2020 10:11:54 AM



#42

1,2-Dichloroethane

Concen: 49.238 ug/l

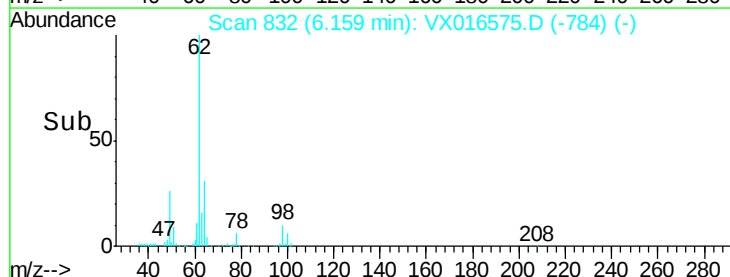
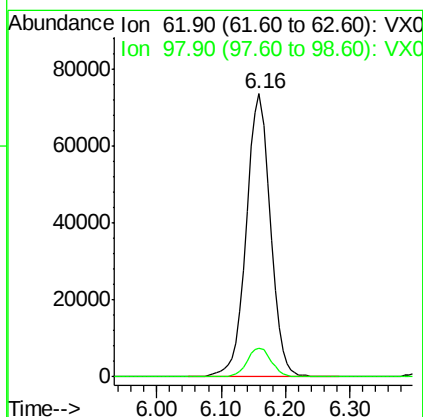
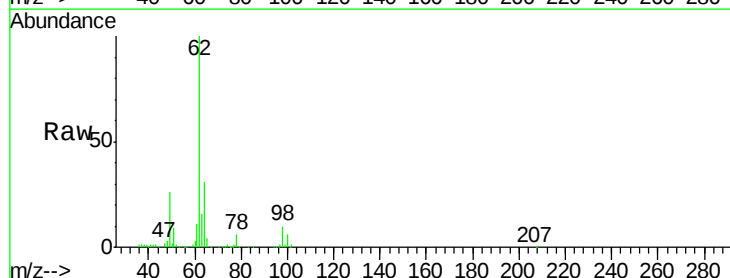
RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.1	0.0	19.8		





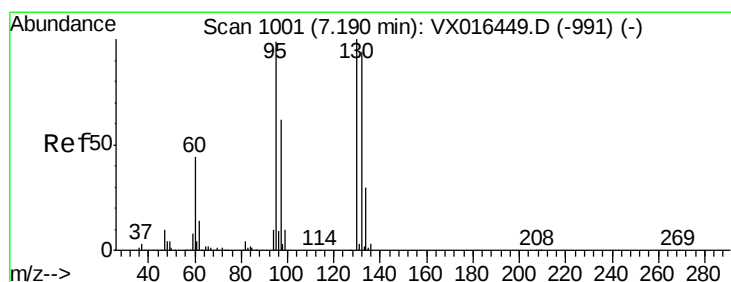
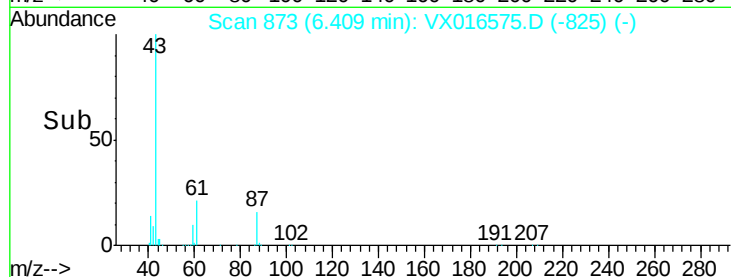
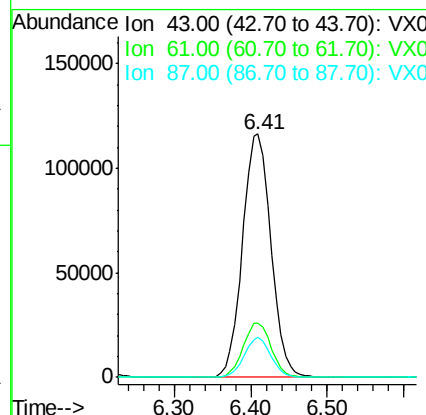
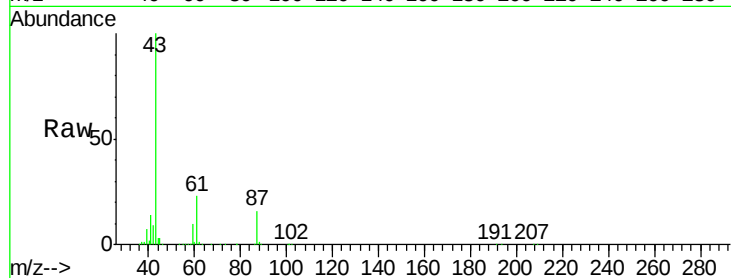
#43
Isopropyl Acetate
Concen: 44.066 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.1	16.8	25.2
87	15.4	11.2	16.8

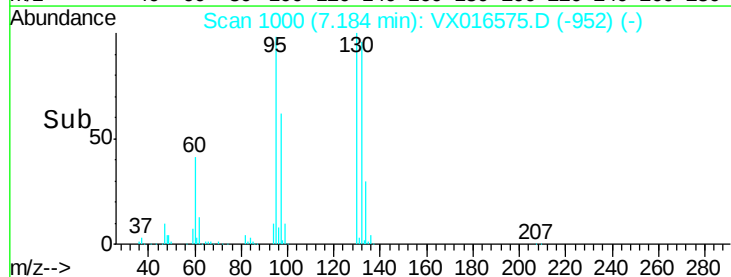
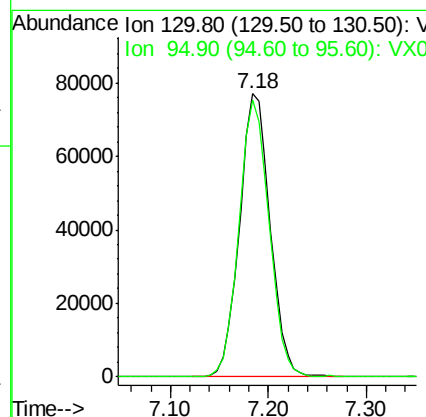
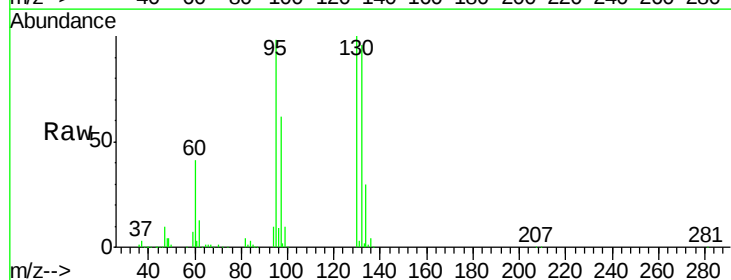
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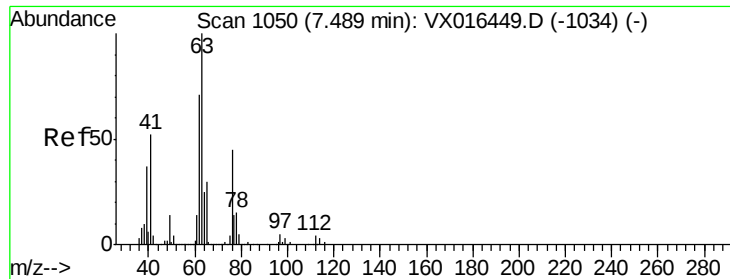
MMDadoda
6/5/2020 10:11:54 AM



#44
Trichloroethene
Concen: 49.188 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	198.2





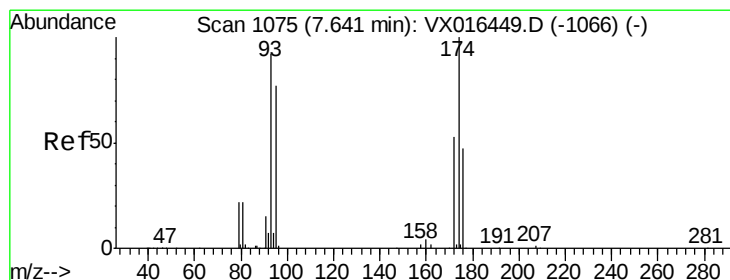
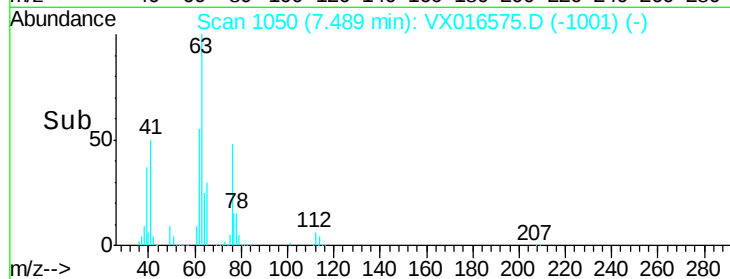
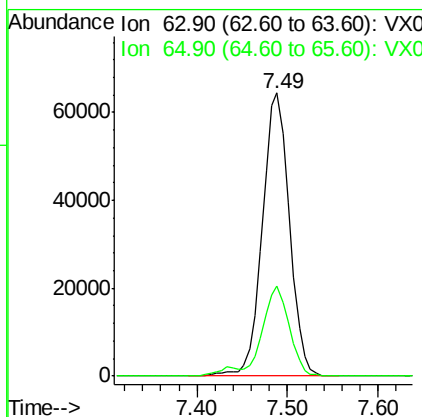
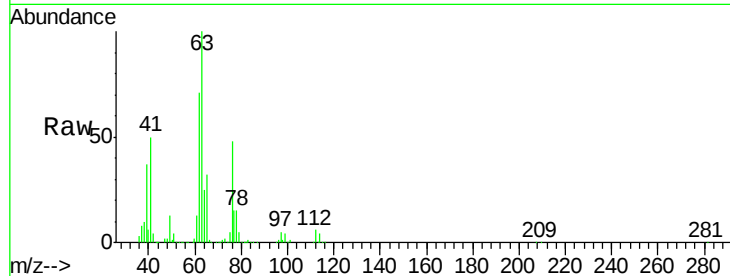
#45
 1,2-Dichloropropane
 Concen: 48.738 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.2	36.2

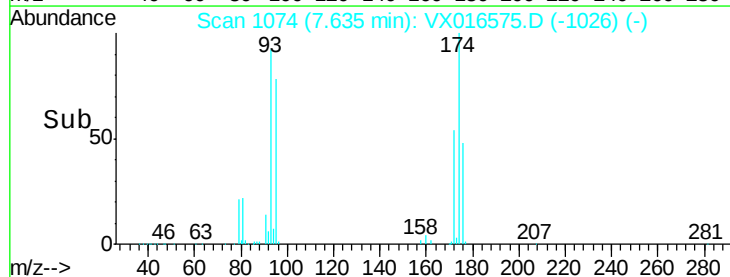
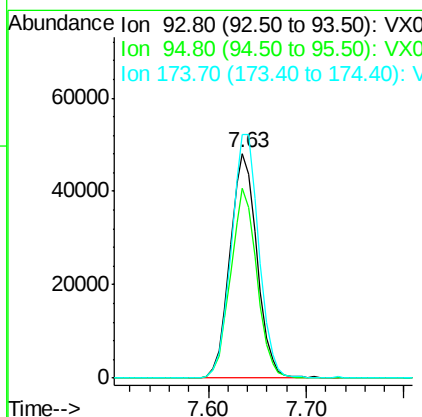
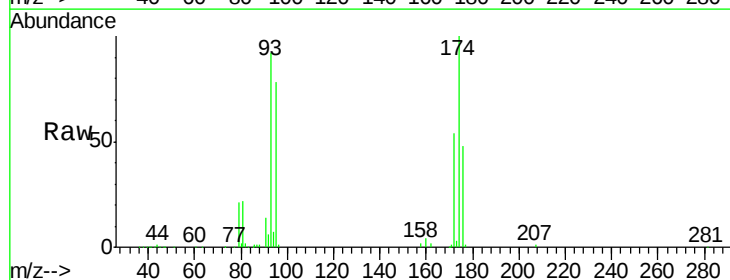
Manual Integrations
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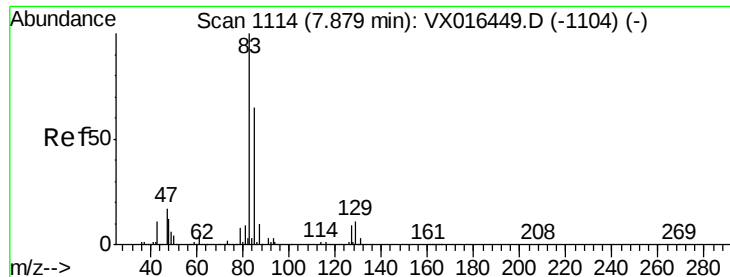
MMDadoda
 6/5/2020 10:11:54 AM



#46
 Dibromomethane
 Concen: 49.898 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.6	100.0
174	111.1	86.2	129.4





#47

Bromodichloromethane

Concen: 50.374 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

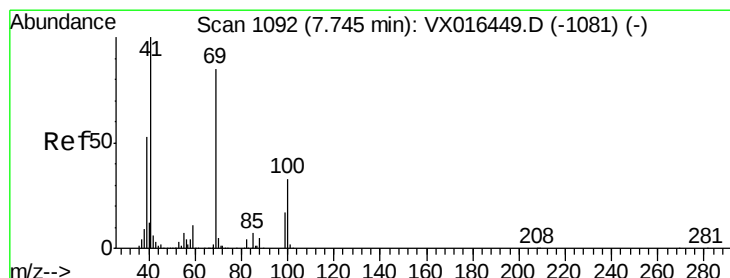
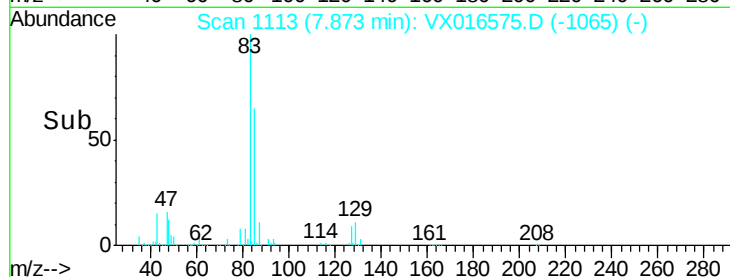
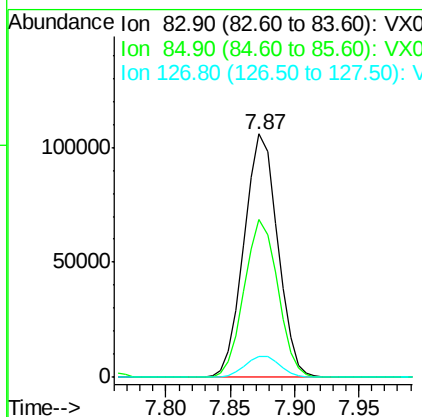
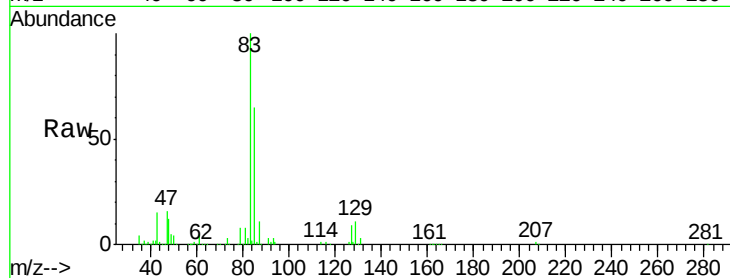
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	191665
Ion Ratio	Lower	Upper	
83	100		
85	64.9	52.0	78.0
127	8.6	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.346 ug/l

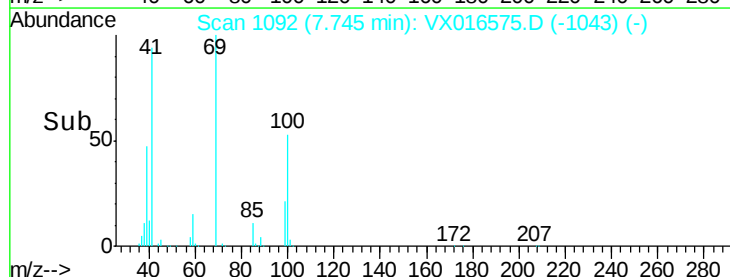
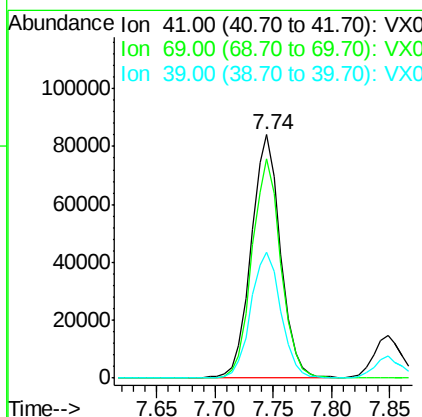
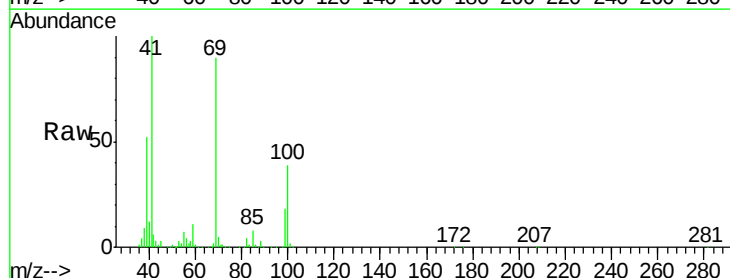
RT: 7.74 min Scan# 1092

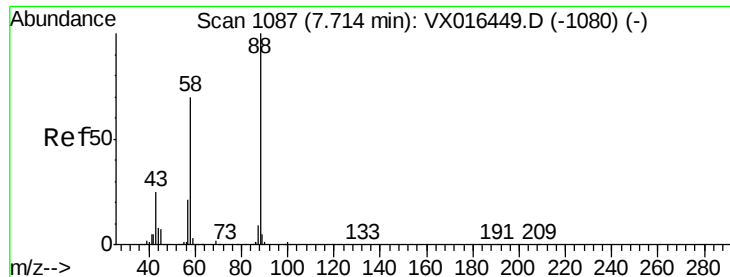
Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Tgt Ion:	41	Resp:	146729
Ion Ratio	Lower	Upper	
41	100		
69	89.2	68.6	102.8
39	53.0	42.4	63.6





#49

1,4-Dioxane

Concen: 917.560 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

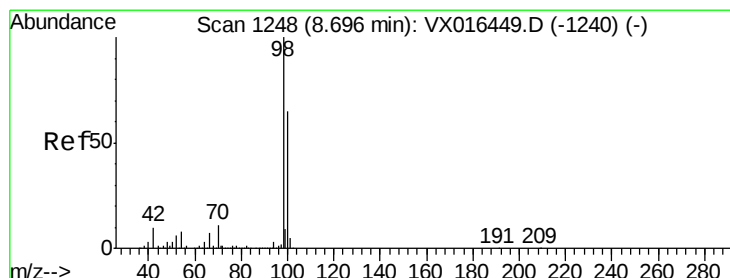
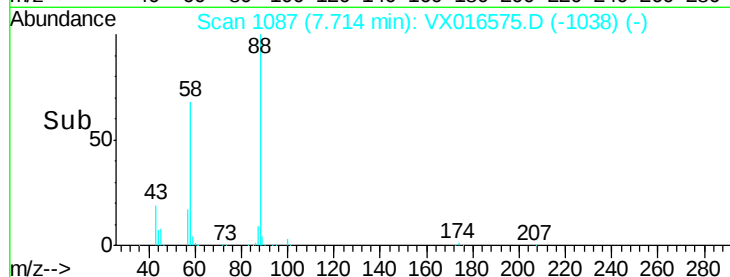
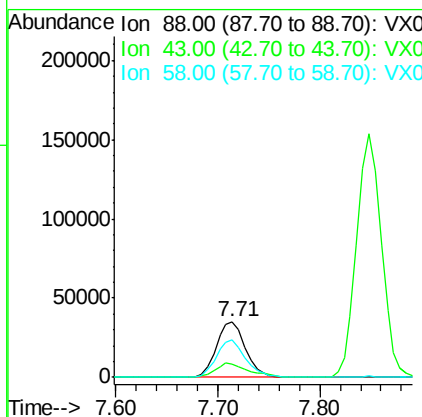
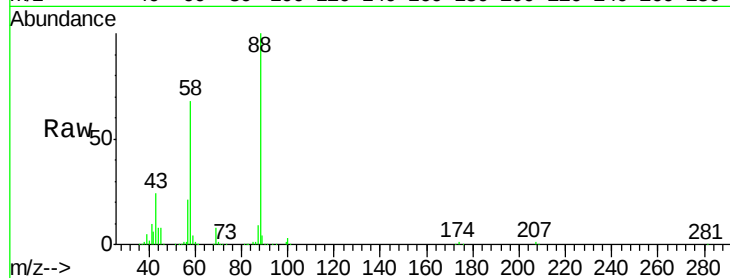
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	69482
Ion	Ratio	Lower	Upper
88	100		
43	29.4	24.2	36.4
58	68.7	56.5	84.7

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#50

Toluene-d8

Concen: 52.866 ug/l

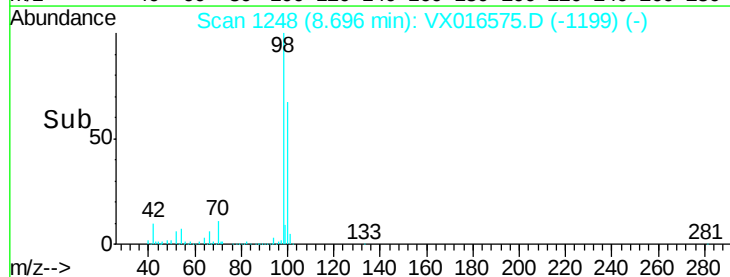
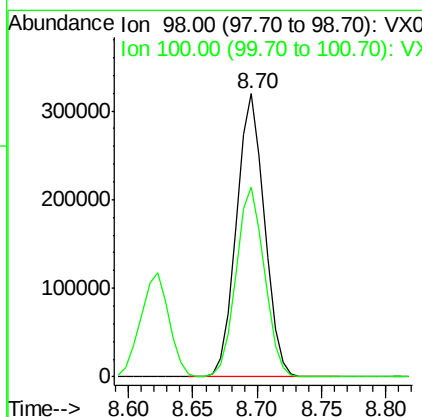
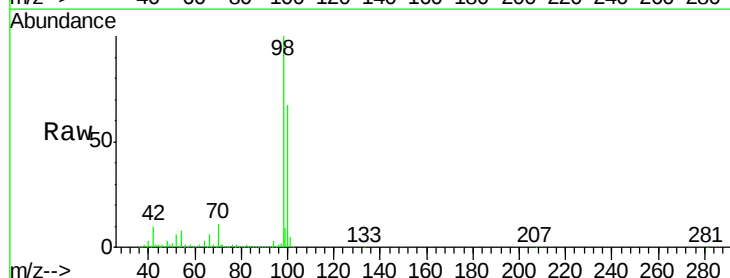
RT: 8.70 min Scan# 1248

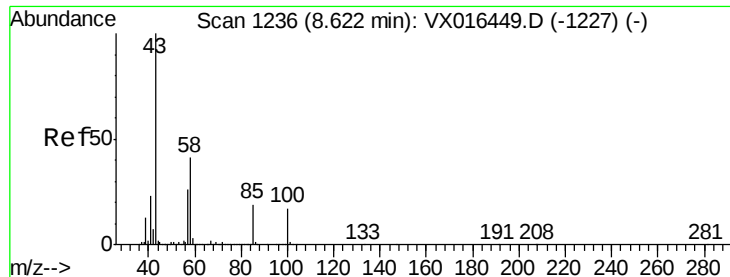
Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Tgt Ion:	98	Resp:	482912
Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.8	80.6





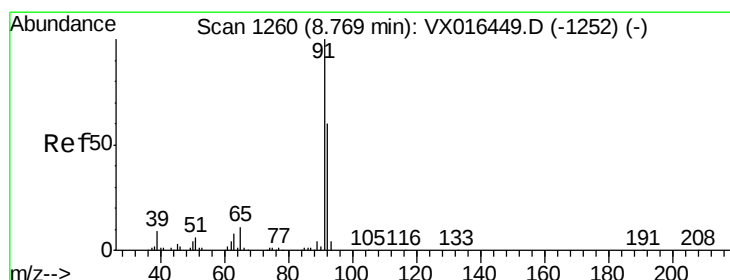
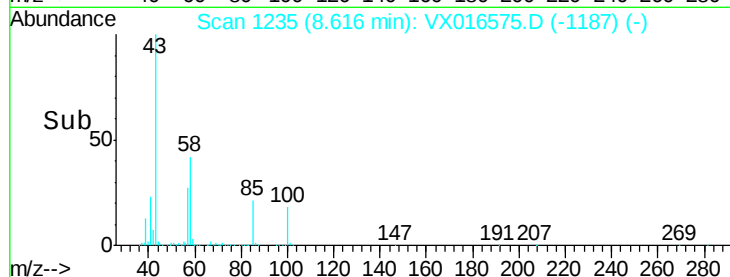
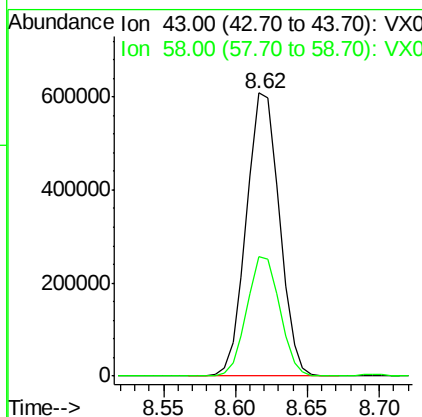
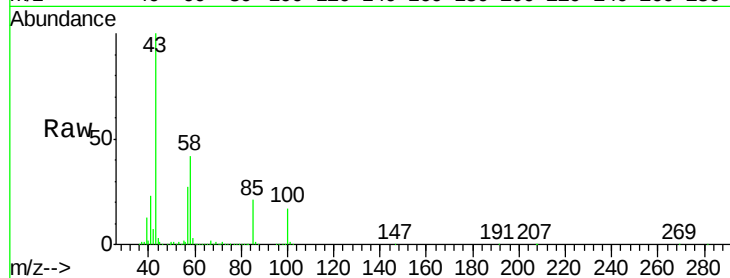
#51
 4-Methyl-2-Pentanone
 Concen: 229.379 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.1	33.0	49.6

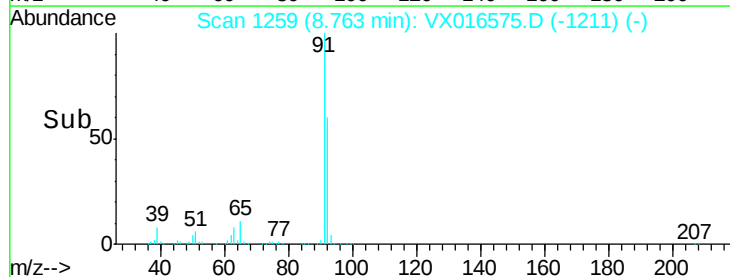
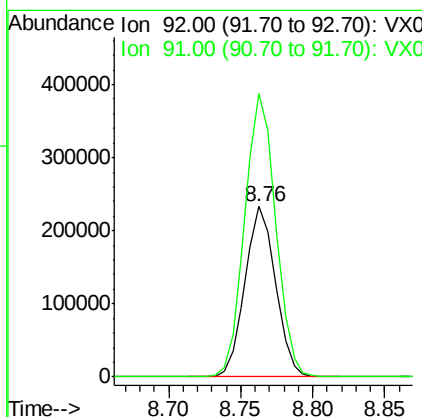
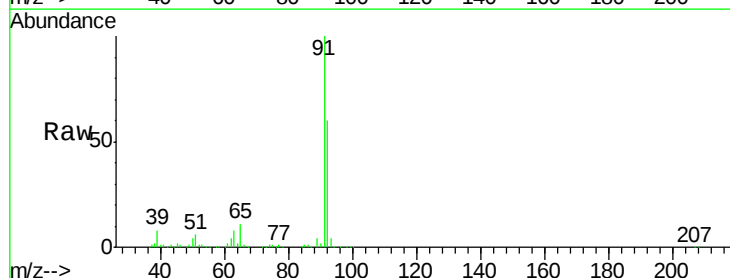
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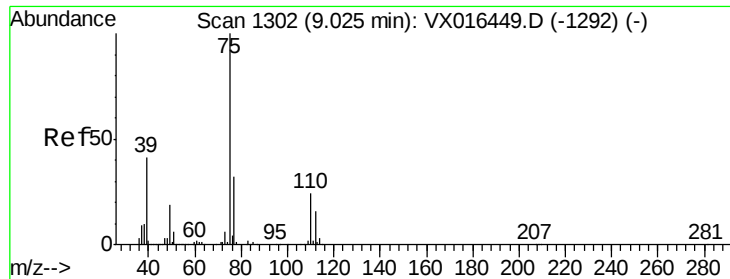
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#52
 Toluene
 Concen: 50.534 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.9	135.0	202.4





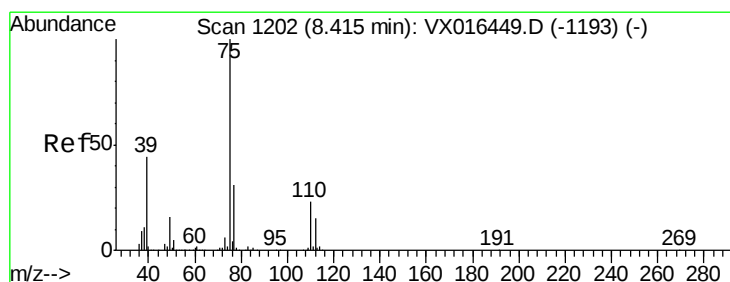
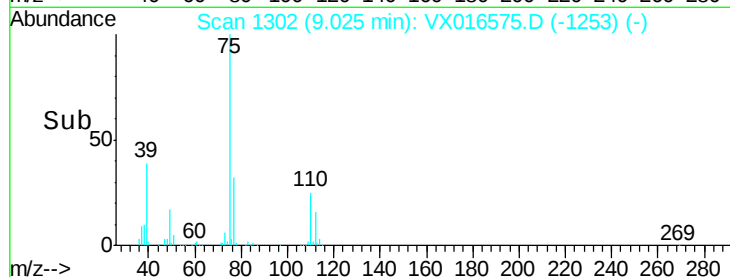
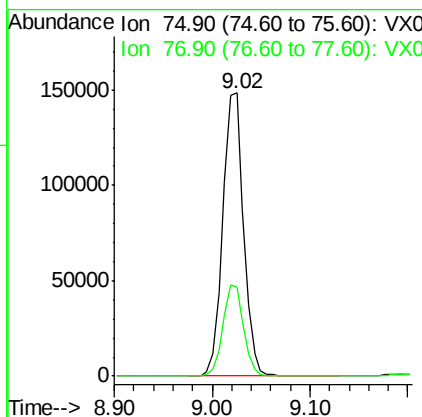
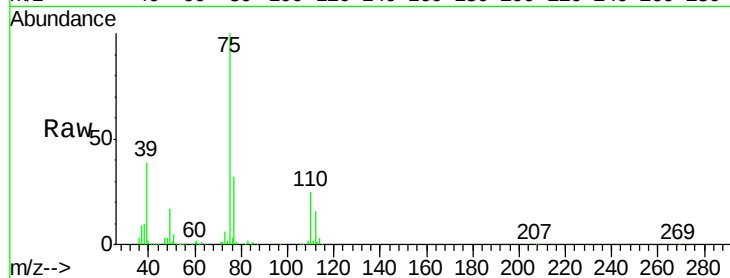
#53
t-1,3-Dichloropropene
Concen: 50.701 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.5	38.3

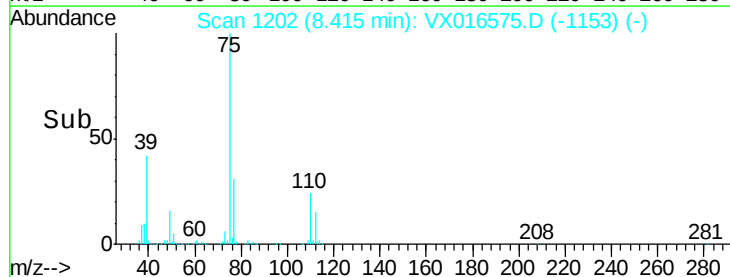
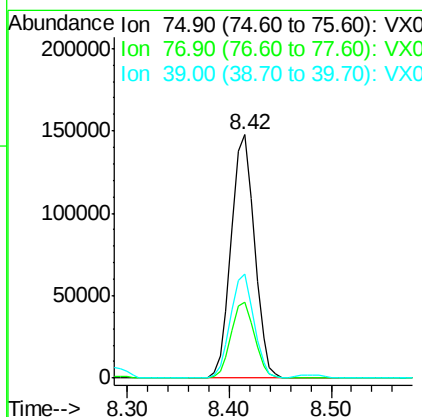
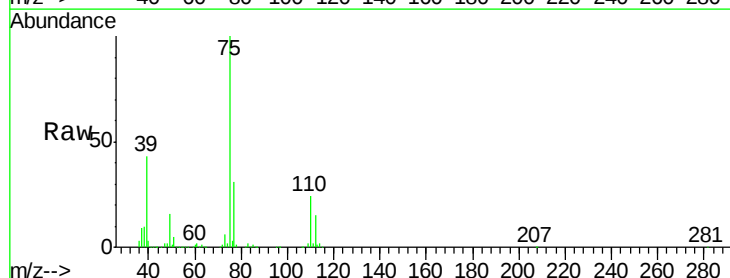
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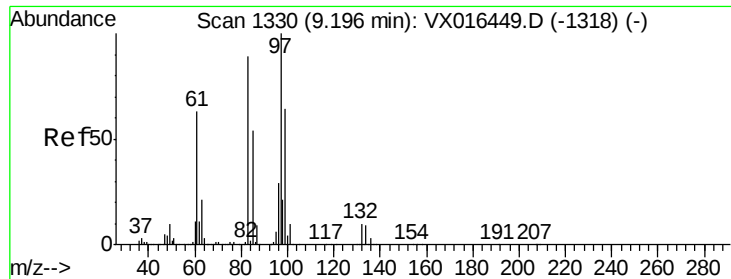
MMDadoda
6/5/2020 10:11:54 AM



#54
cis-1,3-Dichloropropene
Concen: 50.994 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.6	36.8
39	42.4	35.3	52.9





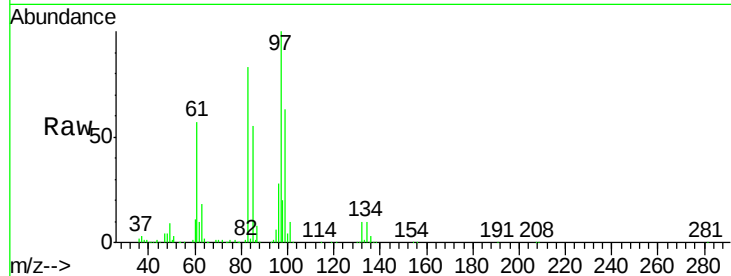
#55
 1,1,2-Trichloroethane
 Concen: 50.093 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion:	97	Resp:	134972
Ion Ratio	Lower	Upper	
97	100		
83	83.1	70.9	106.3
85	54.6	43.4	65.2
99	63.0	51.0	76.6

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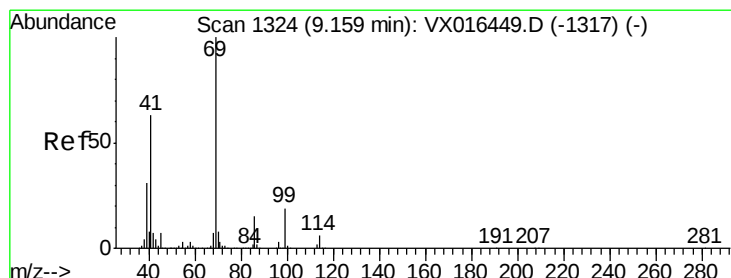
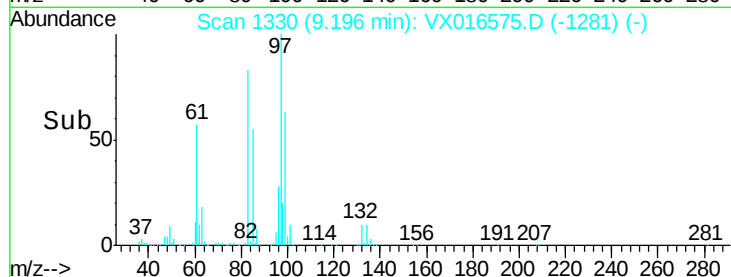
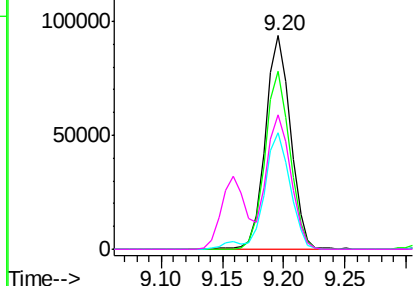


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

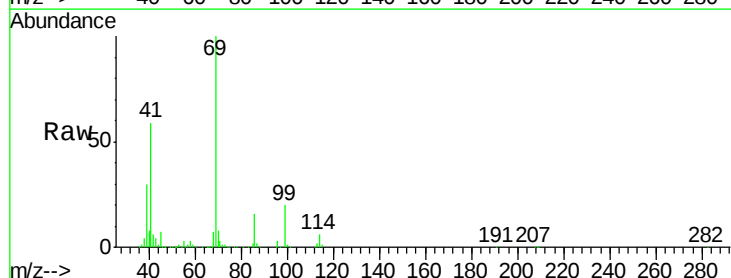
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 49.778 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

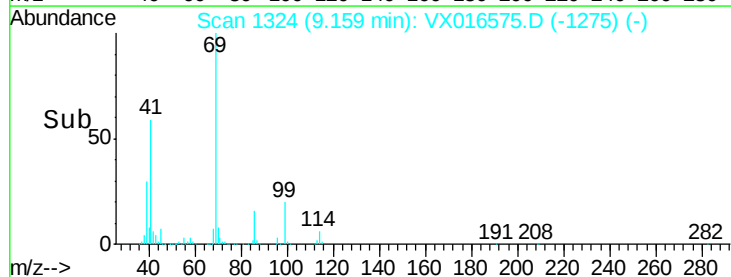
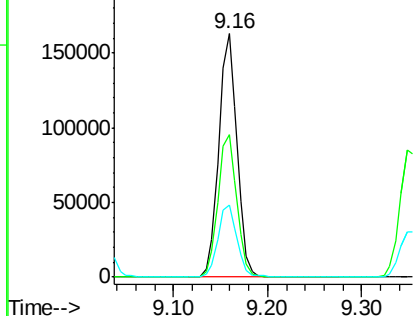
Tgt Ion:	69	Resp:	218436
Ion Ratio	Lower	Upper	
69	100		
41	60.3	50.7	76.1
39	31.0	25.8	38.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.868 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 230632

Ion Ratio Lower Upper

76 100

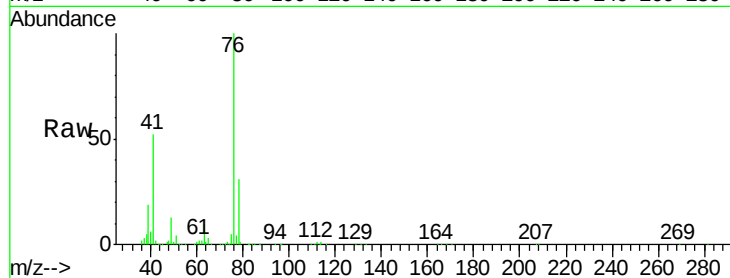
78 31.7 26.2 39.4

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

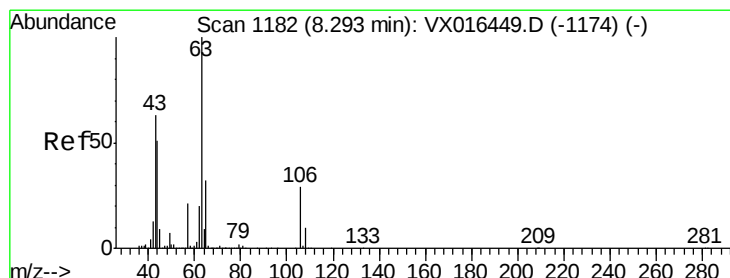
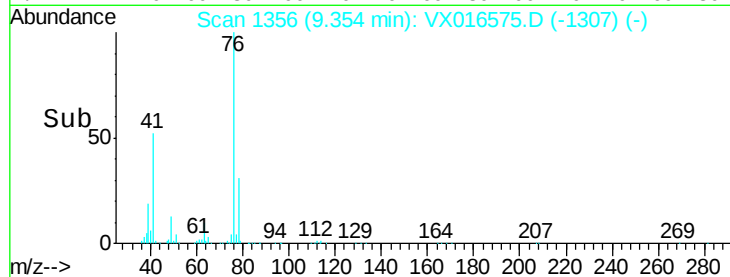
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 230.790 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016575.D

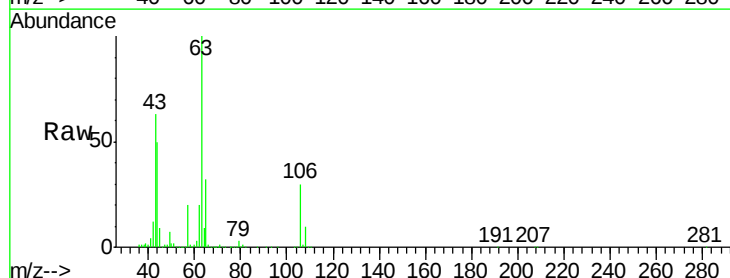
Acq: 04 Jun 2020 09:59

Tgt Ion: 63 Resp: 528619

Ion Ratio Lower Upper

63 100

106 30.3 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

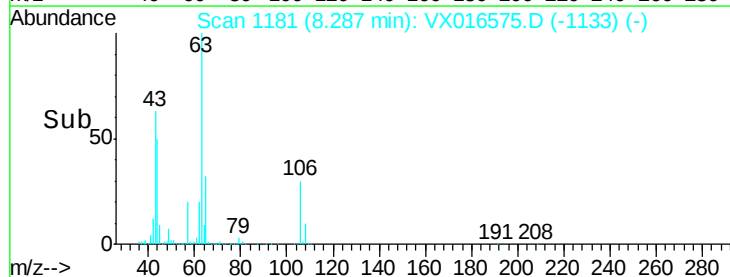
300000

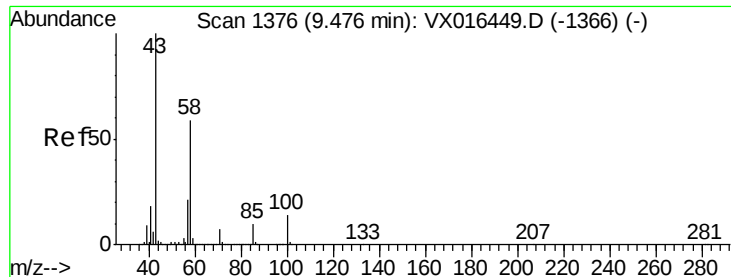
200000

100000

0

Time-->





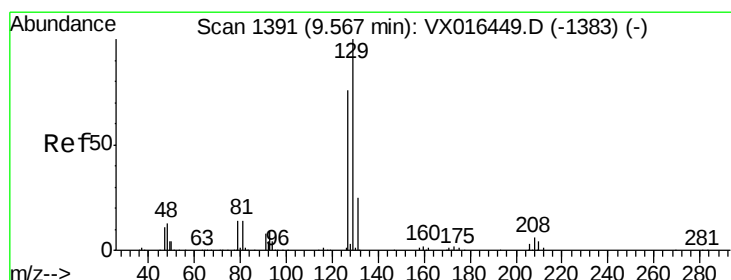
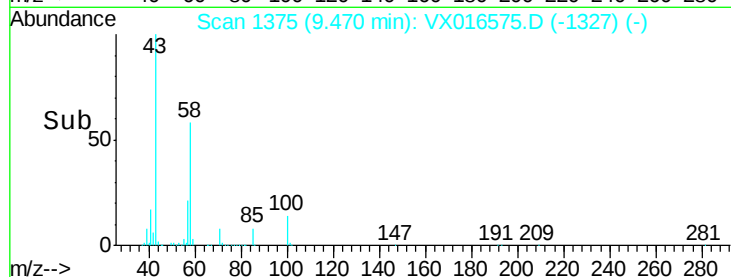
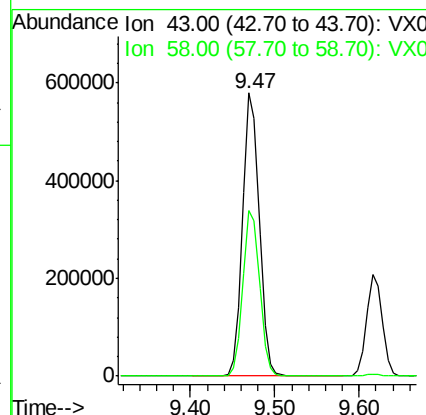
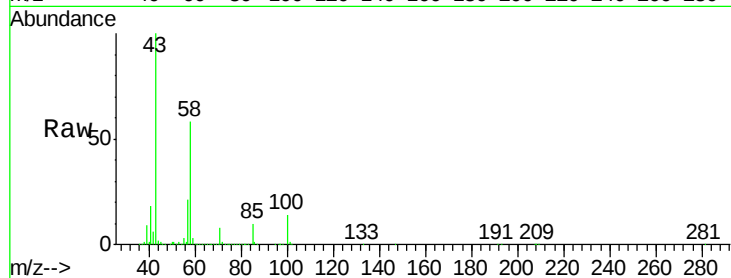
#59
2-Hexanone
Concen: 234.438 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.8	28.8	86.4

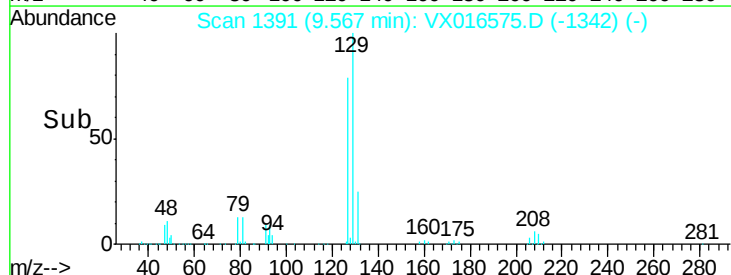
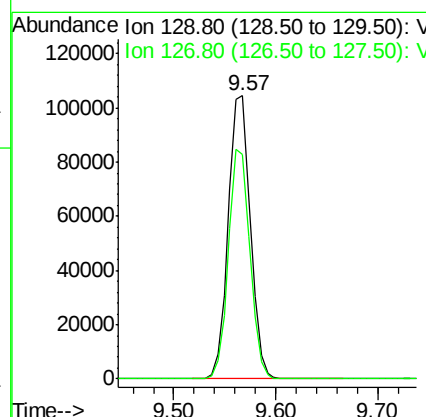
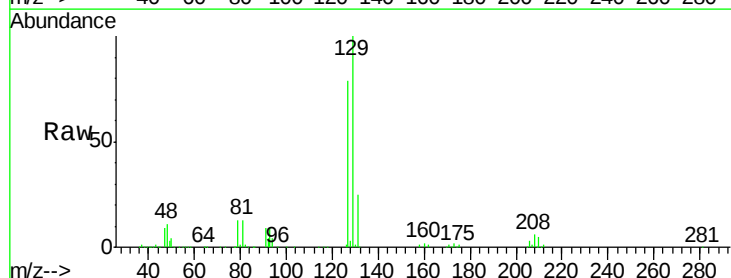
Manual Integrations
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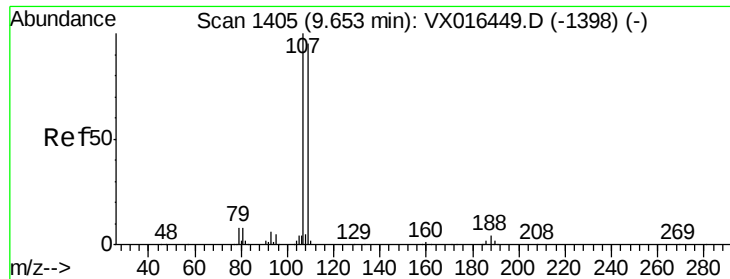
MMDadoda
6/5/2020 10:11:54 AM



#60
Dibromochloromethane
Concen: 51.829 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.2	38.6	116.0





#61

1,2-Dibromoethane

Concen: 51.105 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 147457

Ion Ratio Lower Upper

107 100

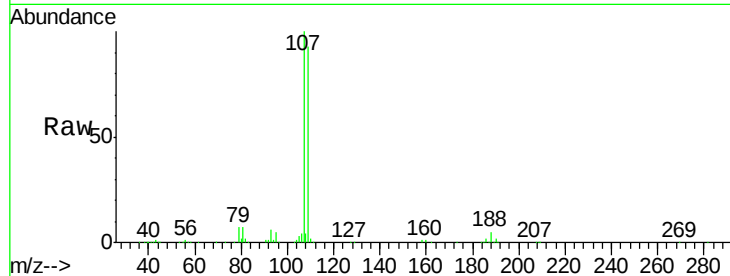
109 93.4 75.5 113.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

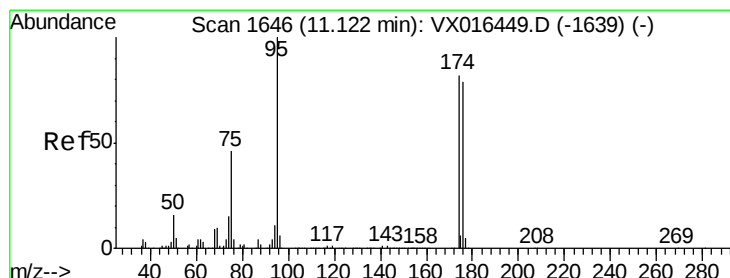
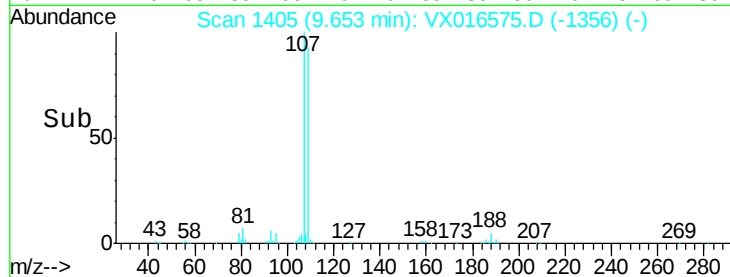
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.335 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

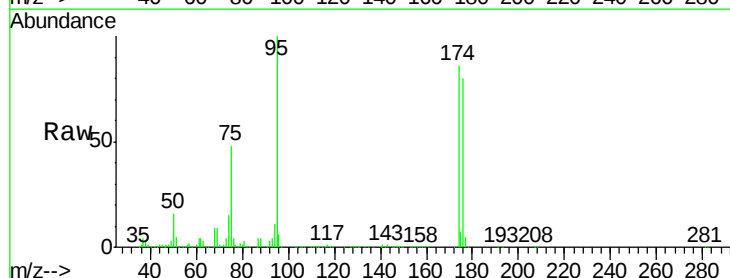
Tgt Ion: 95 Resp: 184720

Ion Ratio Lower Upper

95 100

174 84.4 0.0 163.0

176 80.8 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

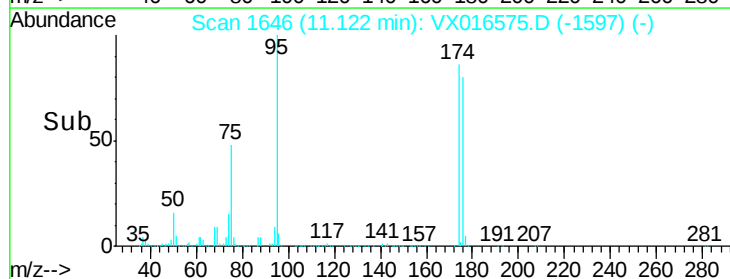
150000

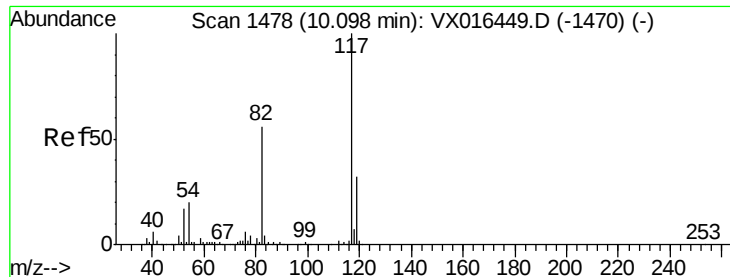
100000

50000

0

Time-->





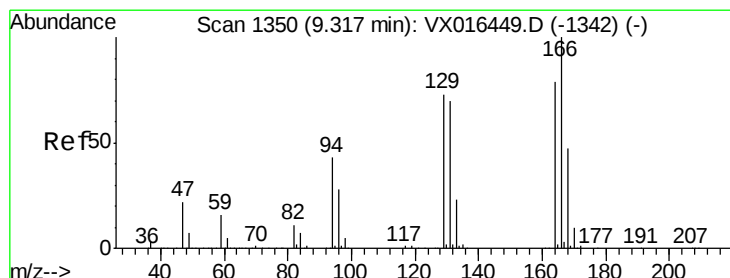
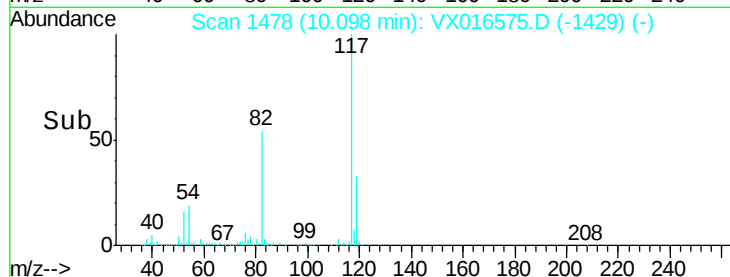
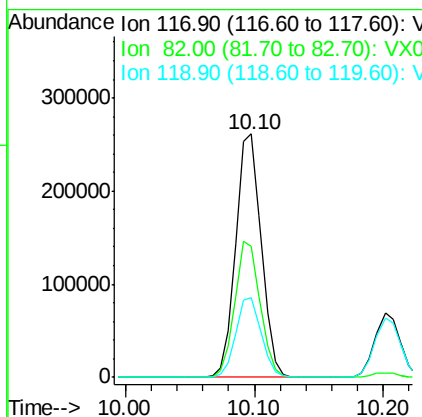
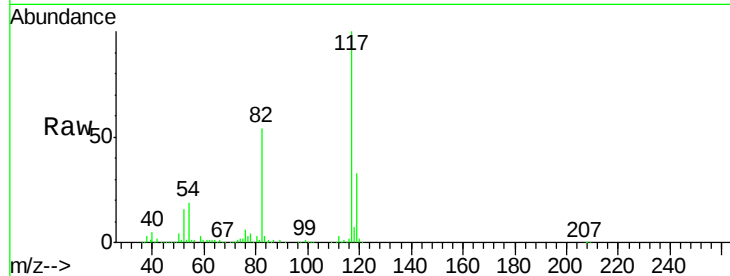
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.0	67.6
119	32.7	25.8	38.8

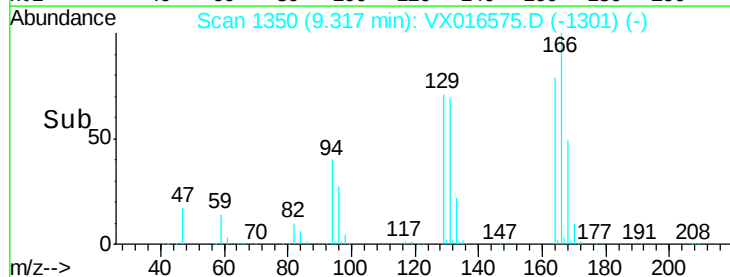
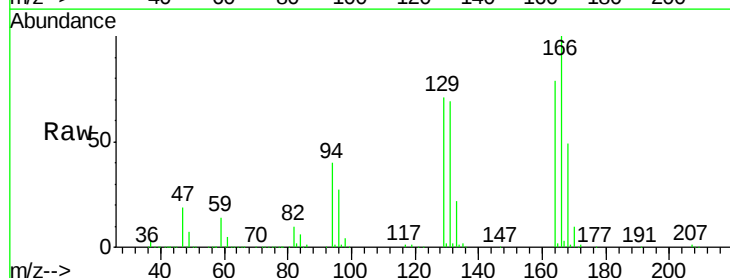
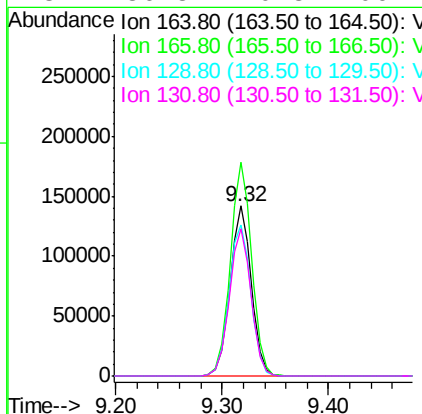
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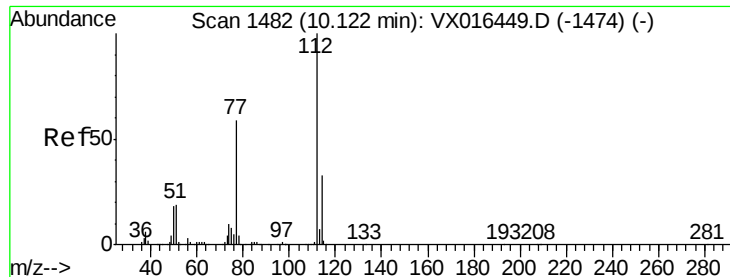
MMDadoda
6/5/2020 10:11:54 AM



#64
Tetrachloroethene
Concen: 49.023 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	100.9	151.3
129	89.4	73.2	109.8
131	86.8	70.8	106.2





#65

Chlorobenzene

Concen: 49.987 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 367432

Ion Ratio Lower Upper

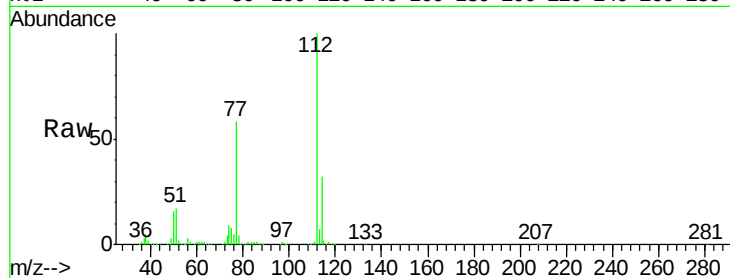
112 100

114 32.1 26.0 39.0

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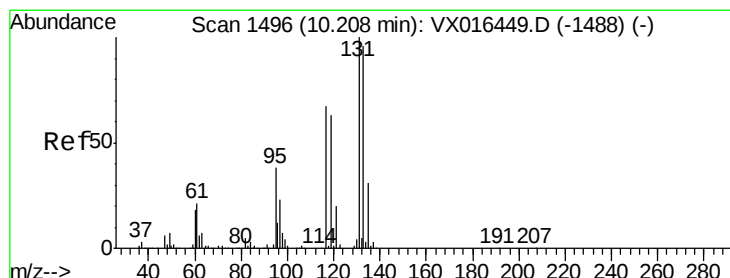
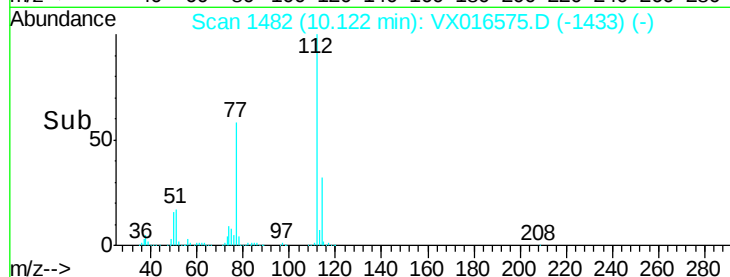
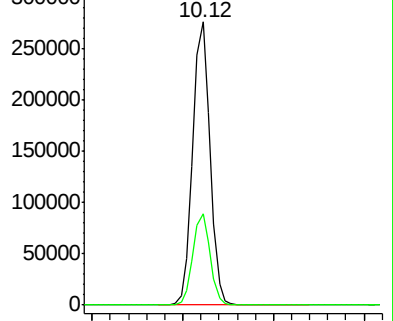
MMDadoda

6/5/2020 10:11:54 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.538 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

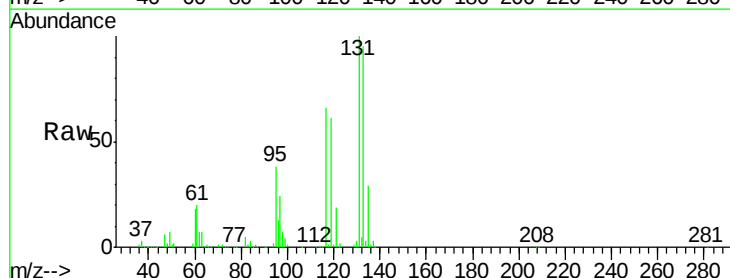
Tgt Ion:131 Resp: 144612

Ion Ratio Lower Upper

131 100

133 95.5 48.4 145.3

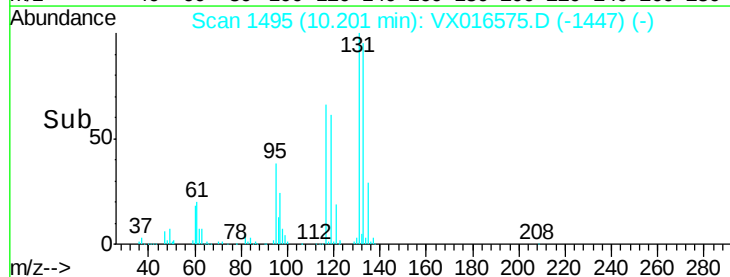
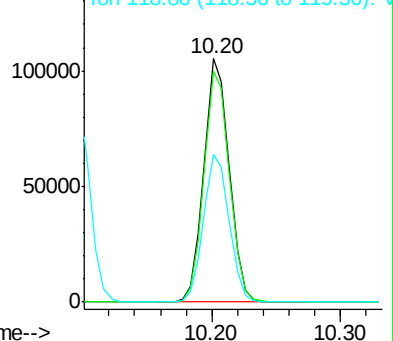
119 61.7 32.0 96.2

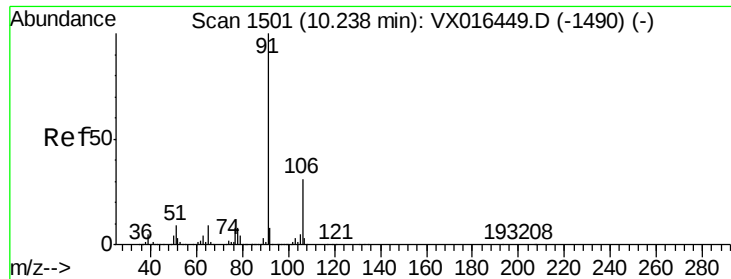


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





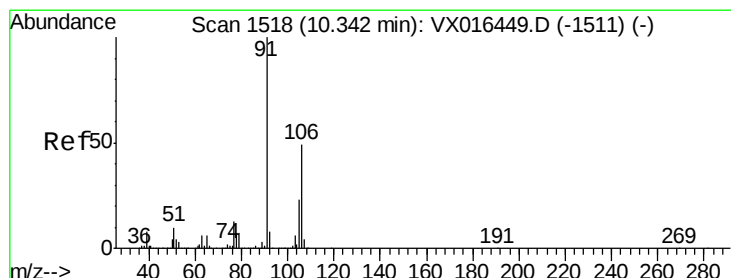
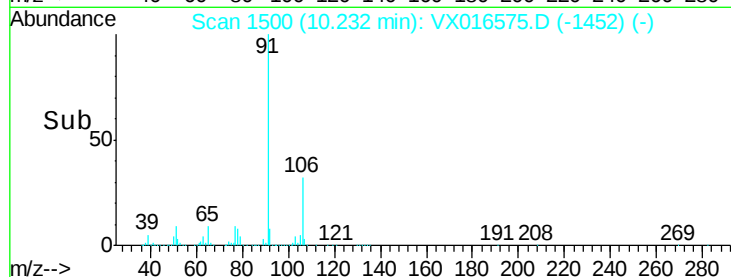
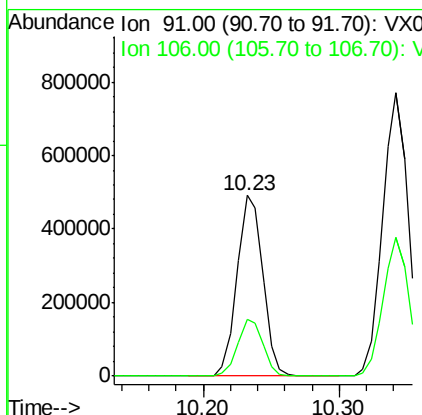
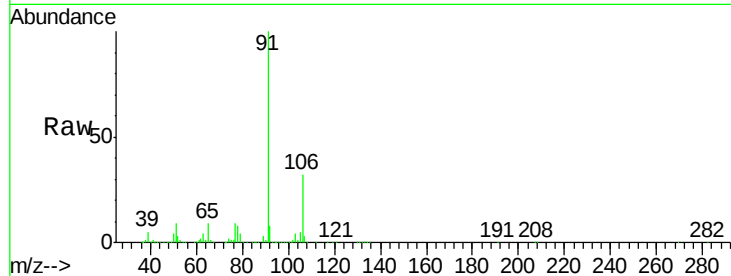
#67
Ethyl Benzene
Concen: 49.589 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 648984
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4

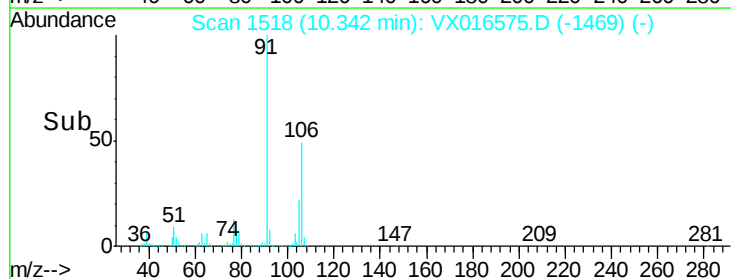
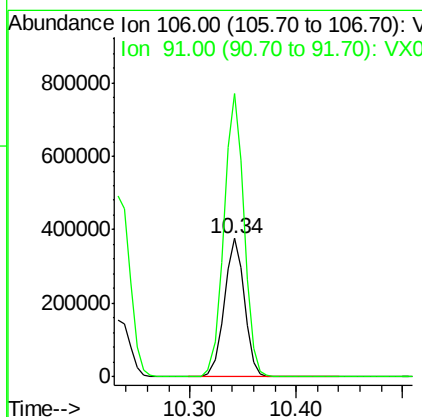
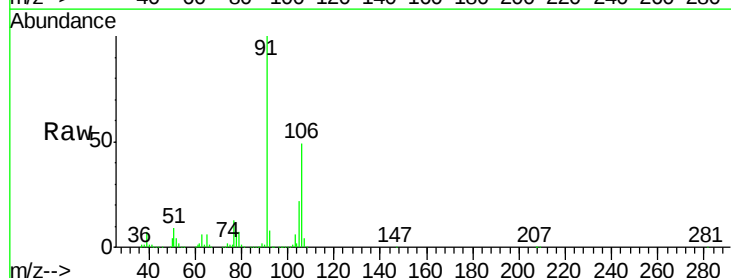
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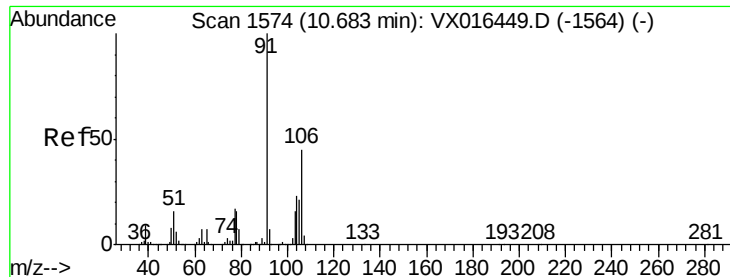
MMDadoda
6/5/2020 10:11:54 AM



#68
m/p-Xylenes
Concen: 102.707 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Tgt Ion: 106 Resp: 498371
Ion Ratio Lower Upper
106 100
91 203.7 163.8 245.8





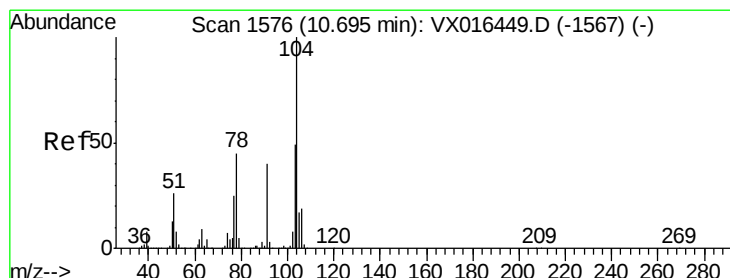
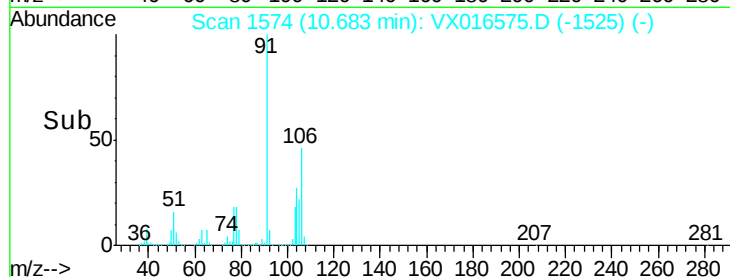
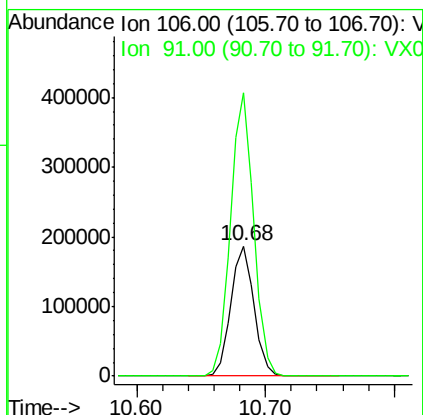
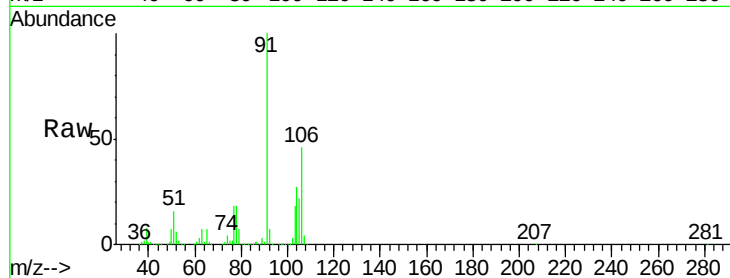
#69
o-Xylene
Concen: 50.164 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
235733	106	100		
	91	216.9	109.6	328.8

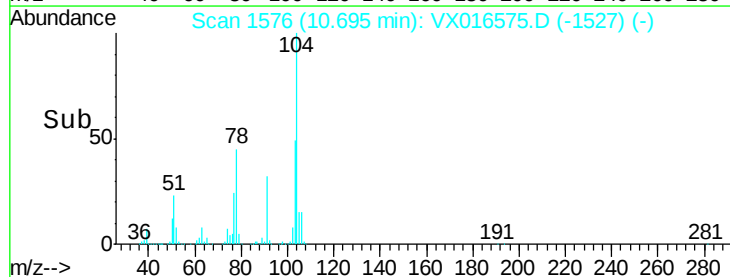
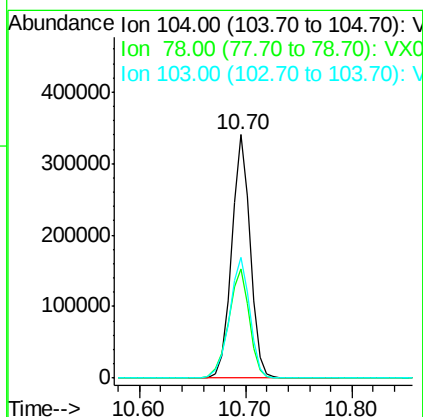
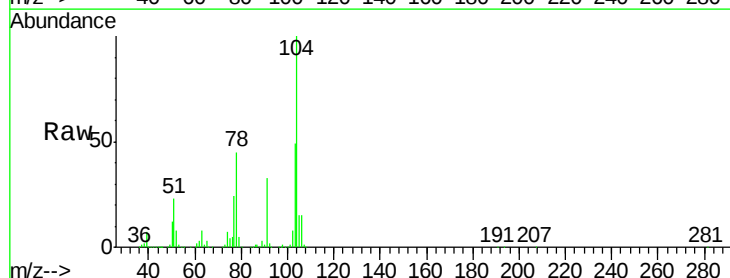
Manual Integrations
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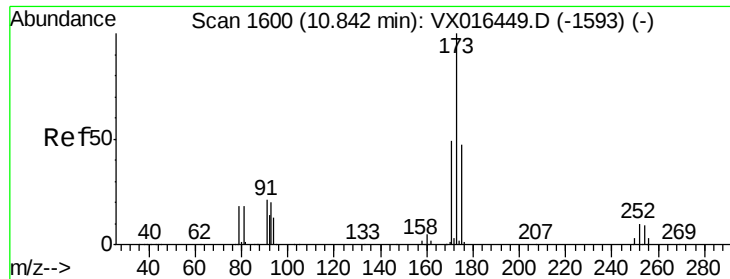
MMDadoda
6/5/2020 10:11:54 AM



#70
Styrene
Concen: 51.575 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Tgt Ion	Ion	Ratio	Lower	Upper
416589	104	100		
	78	49.9	40.2	60.2
	103	54.2	43.1	64.7





#71

Bromoform

Concen: 51.931 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

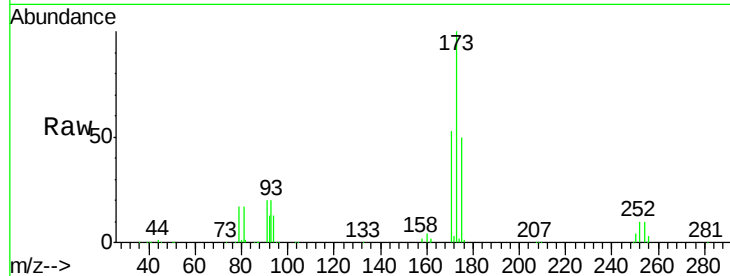
ClientSampleId :

VSTDCCC050

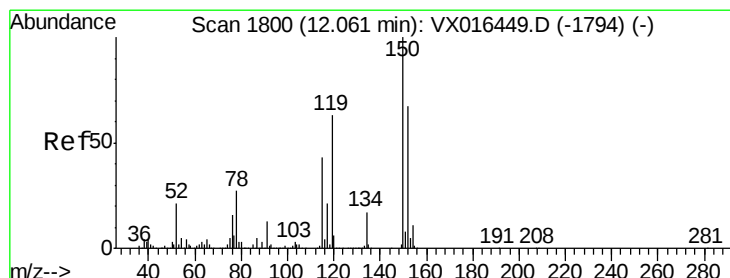
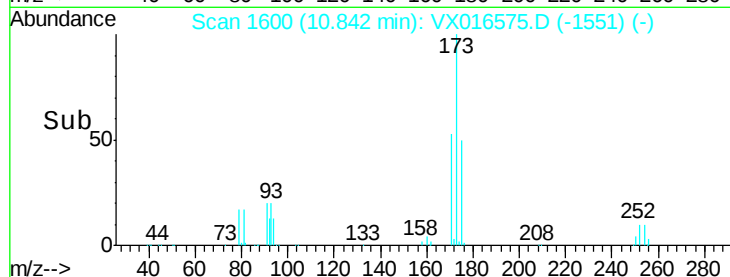
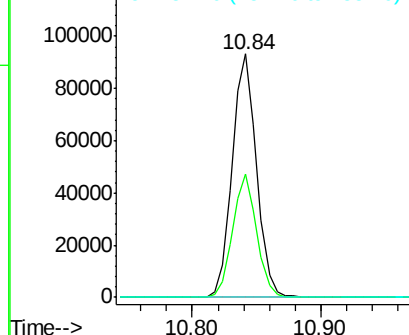
Tot Ion:	173	Resp:	123148
Ion Ratio	Lower	Upper	
173	100		
175	49.9	23.9	71.7
254	0.1	0.1	0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

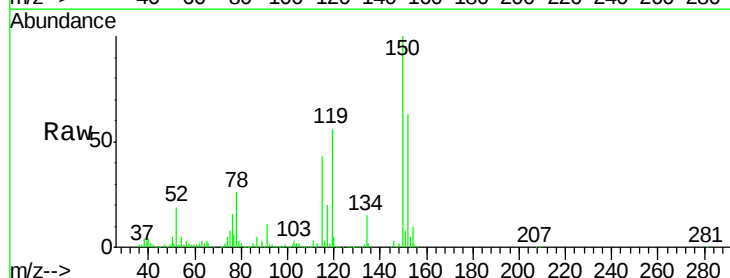
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

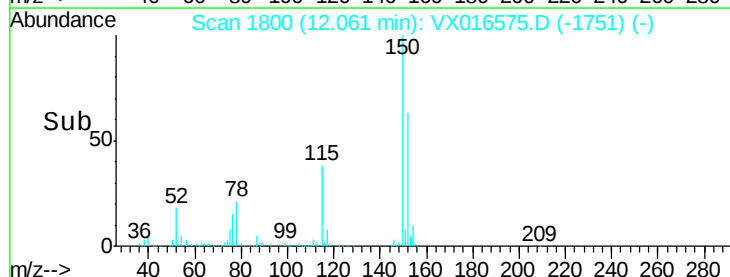
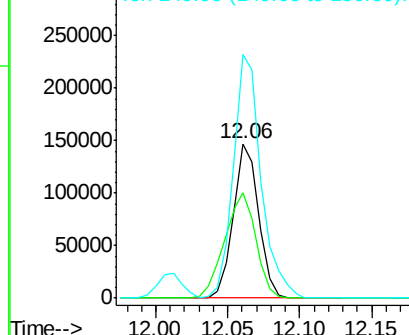
Lab File: VX016575.D

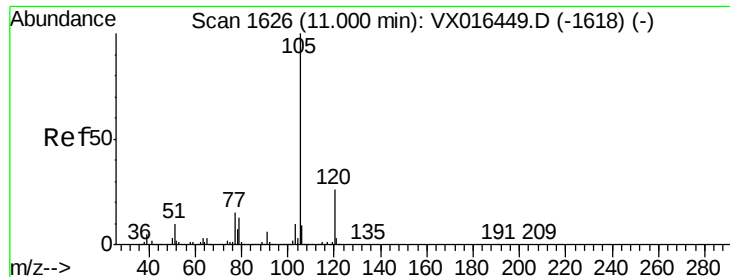
Acq: 04 Jun 2020 09:59

Tgt Ion:	152	Resp:	180939
Ion Ratio	Lower	Upper	
152	100		
115	83.7	39.9	119.6
150	174.2	0.0	341.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.018 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 639610

Ion Ratio Lower Upper

105 100

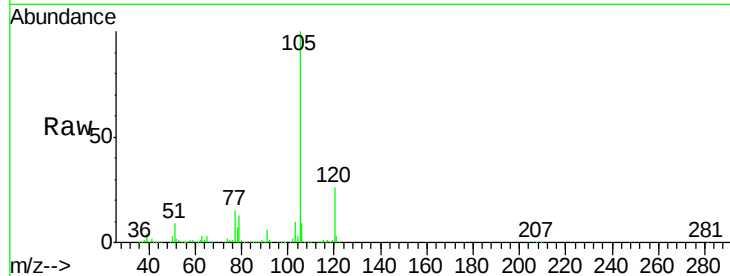
120 25.9 13.1 39.3

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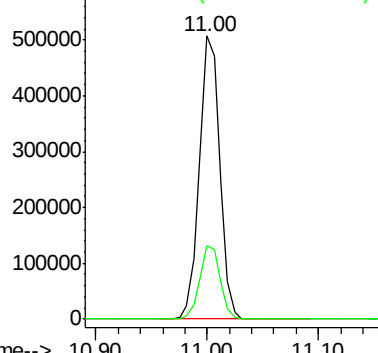
MMDadoda

6/5/2020 10:11:54 AM

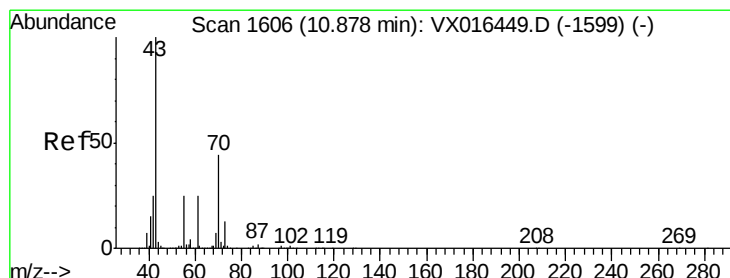
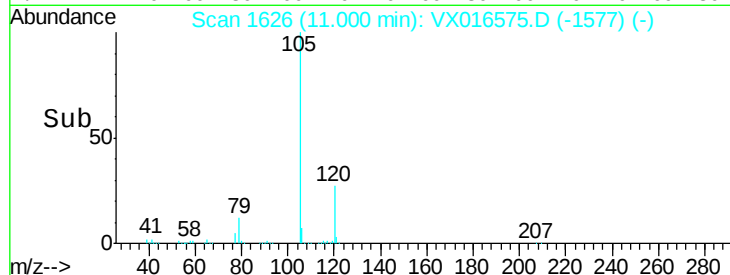


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 45.307 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Tgt Ion: 43 Resp: 261272

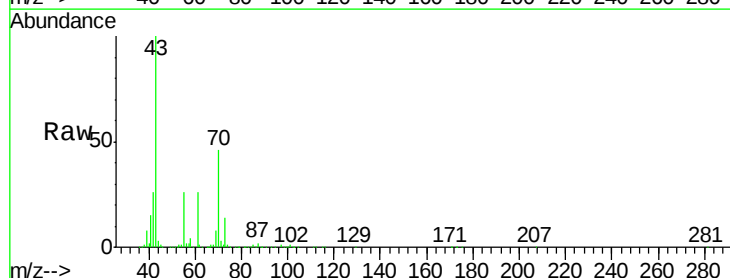
Ion Ratio Lower Upper

43 100

70 47.6 36.1 54.1

55 26.3 20.2 30.4

61 26.4 20.3 30.5

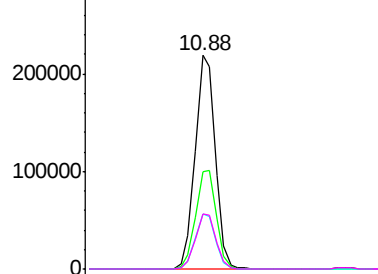


Abundance Ion 43.00 (42.70 to 43.70): VX0

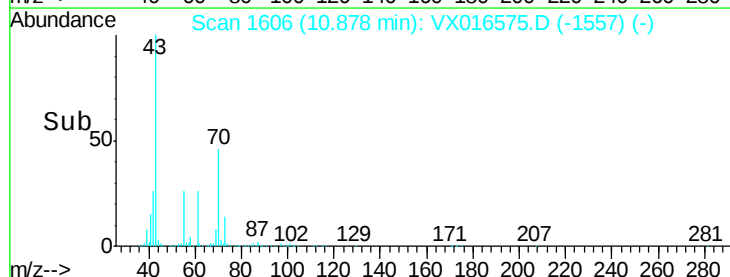
Ion 70.00 (69.70 to 70.70): VX0

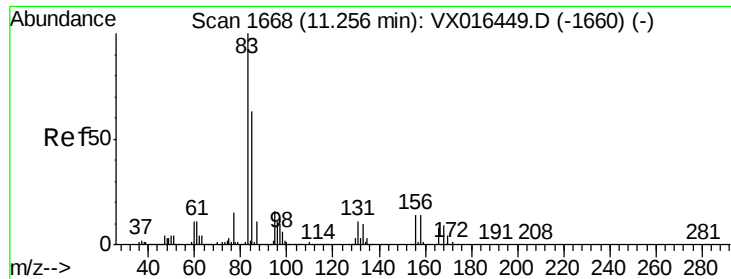
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 50.625 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

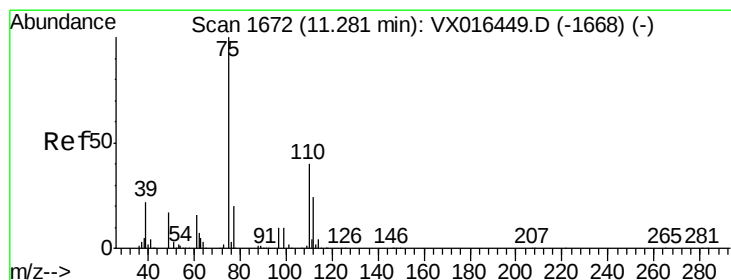
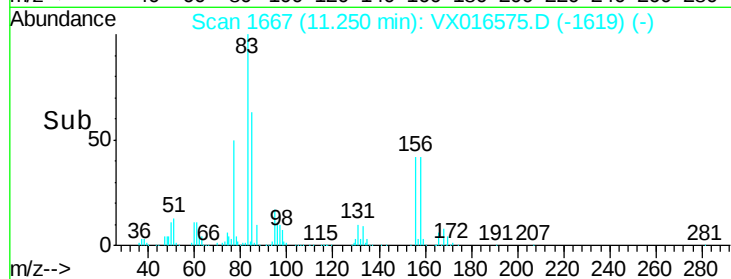
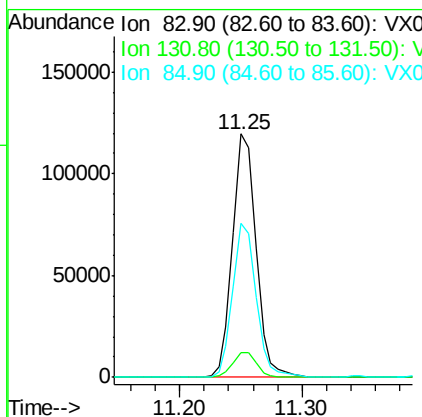
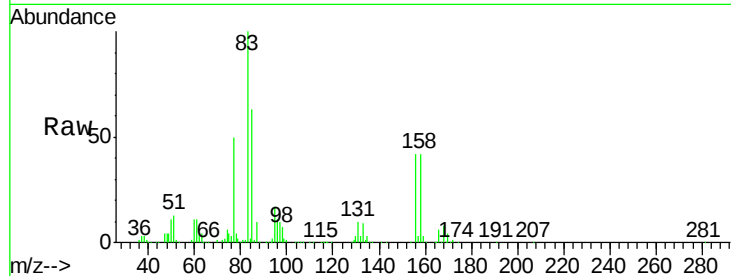
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	159063
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	63.5	32.0	96.2

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6/5/2020 10:11:54 AM



#76

1,2,3-Trichloropropane

Concen: 48.838 ug/l m

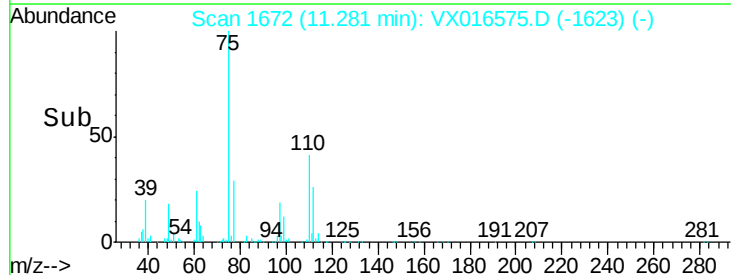
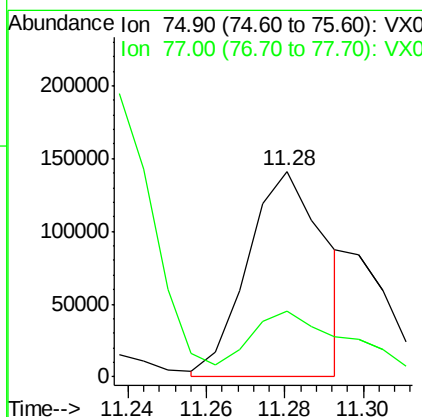
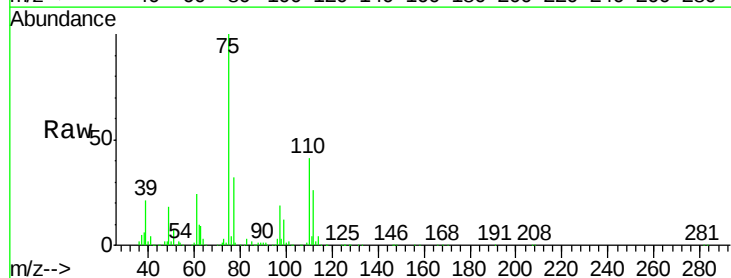
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Tgt Ion:	75	Resp:	194237
Ion Ratio	Lower	Upper	
75	100		
77	41.7	21.3	63.7





#77

Bromobenzene

Concen: 50.372 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

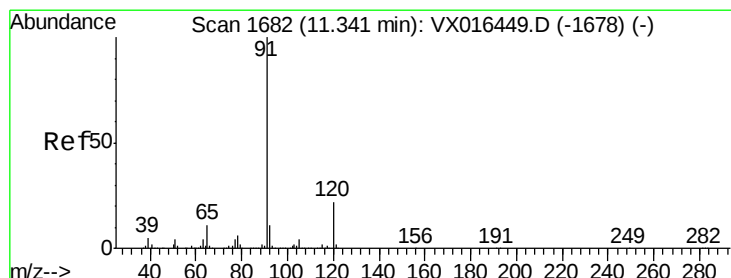
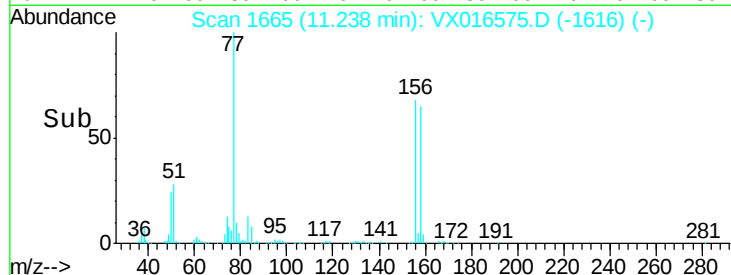
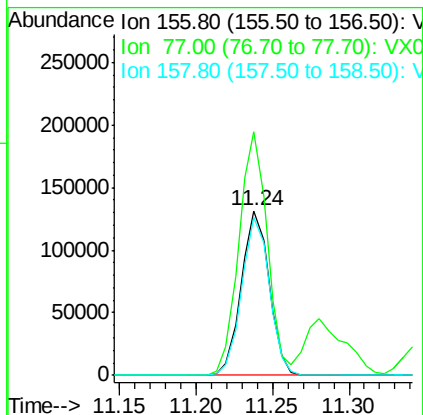
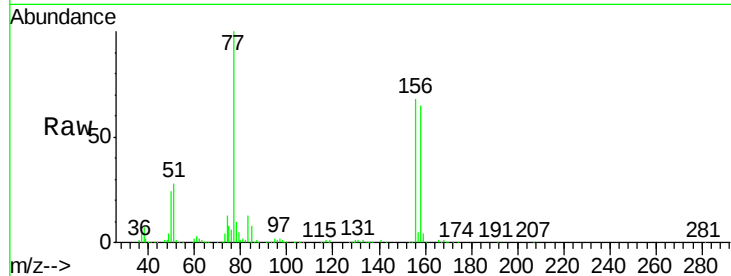
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.3	79.6	238.8
158	96.1	48.1	144.4

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#78

n-propylbenzene

Concen: 51.116 ug/l

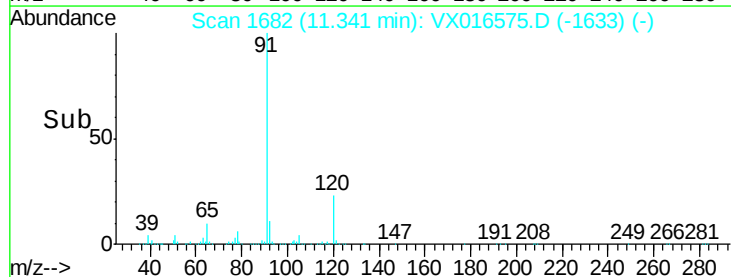
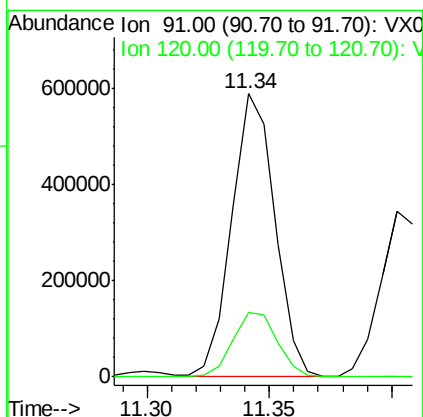
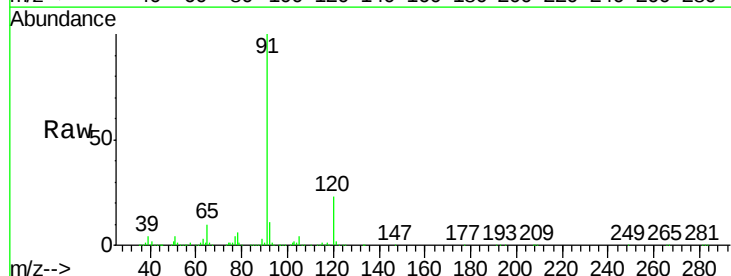
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.6	34.7





#79

2-Chlorotoluene

Concen: 50.590 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 432520

Ion Ratio Lower Upper

91 100

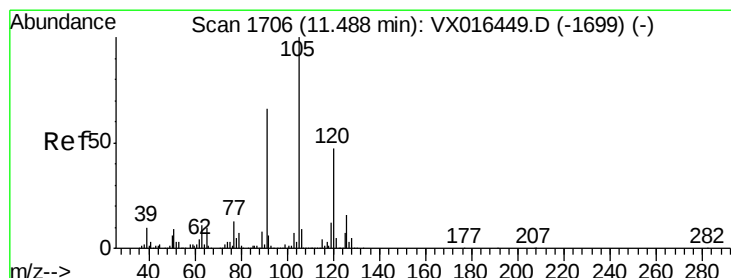
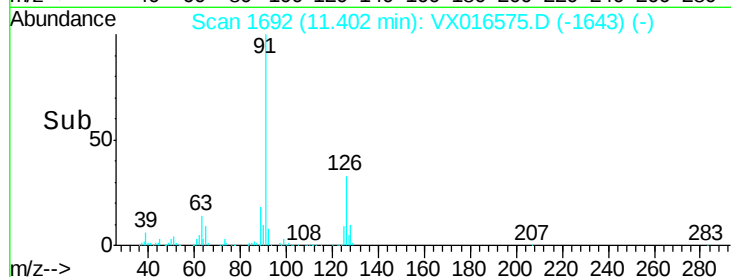
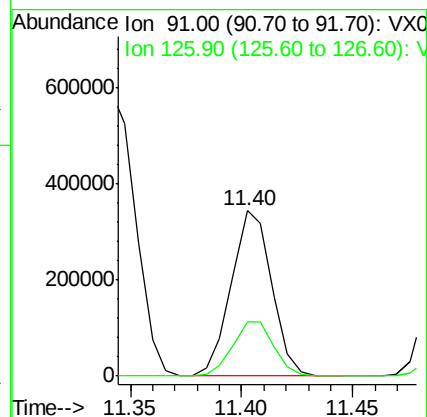
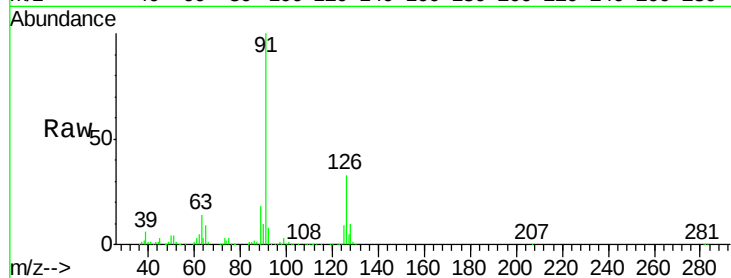
126 34.1 16.8 50.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.680 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016575.D

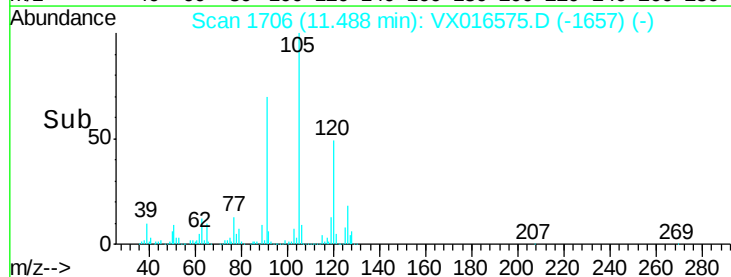
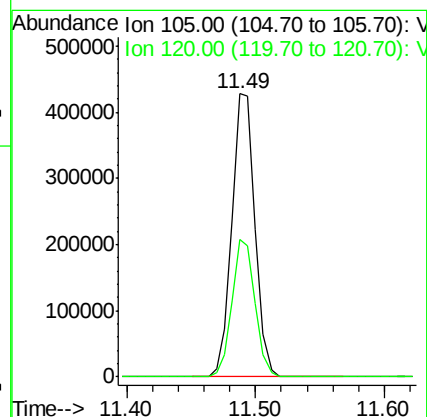
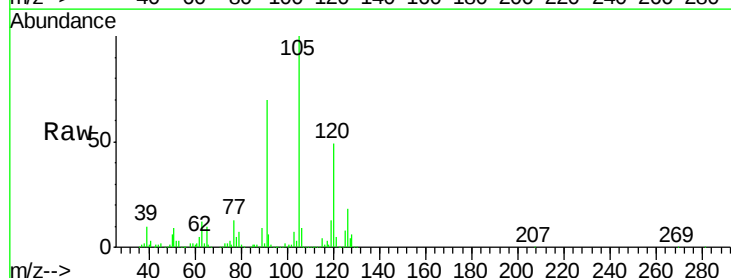
Acq: 04 Jun 2020 09:59

Tgt Ion: 105 Resp: 540993

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.8





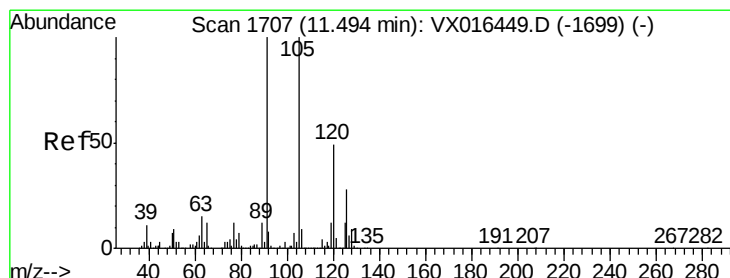
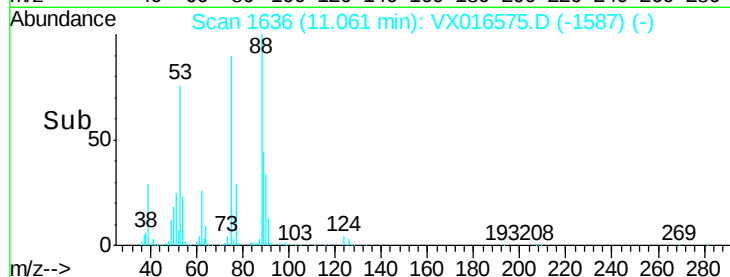
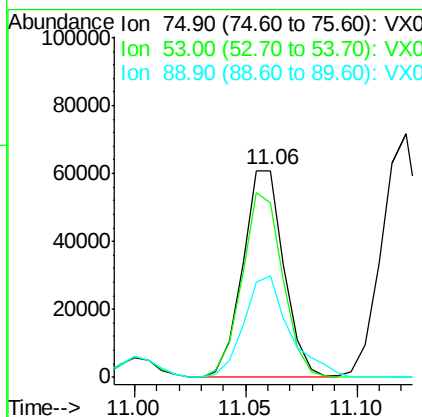
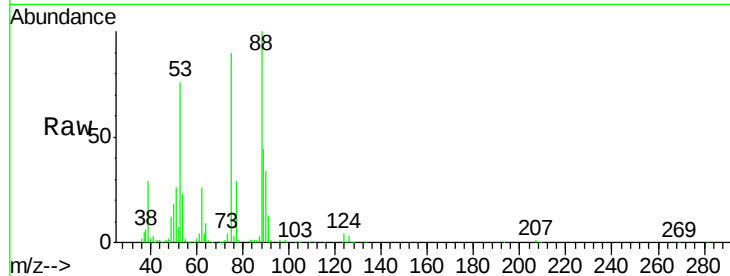
#81
trans-1,4-Dichloro-2-butene
Concen: 48.537 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.7	71.3	106.9
89	54.5	36.6	55.0

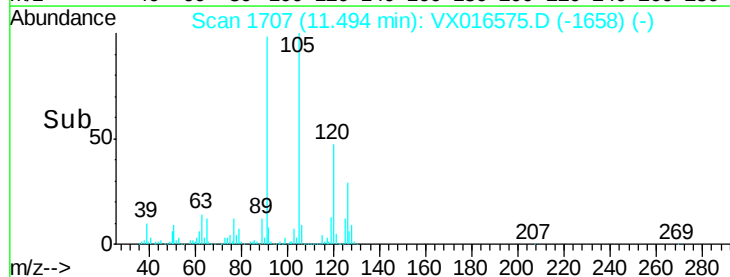
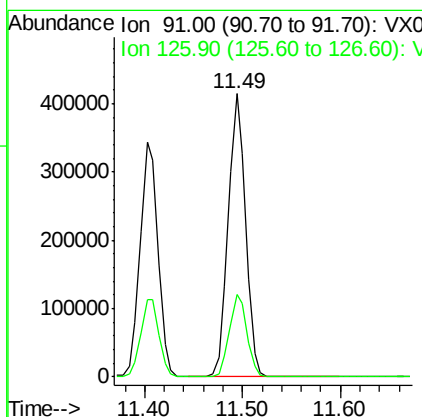
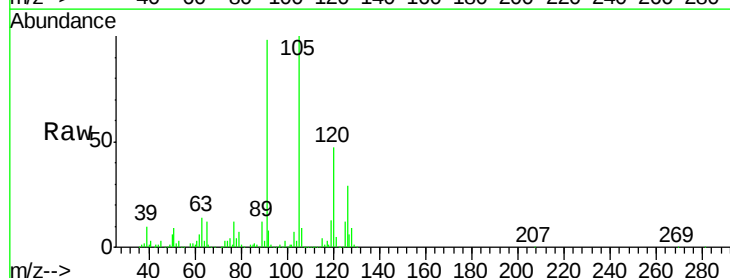
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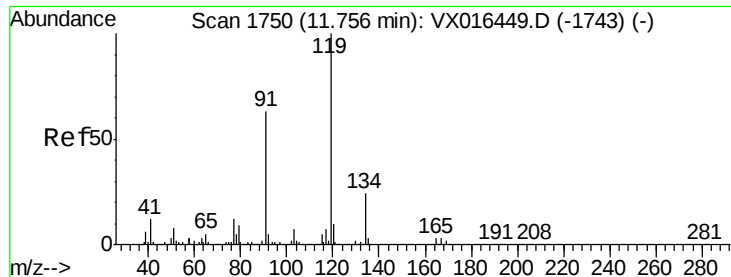
MMDadoda
6/5/2020 10:11:54 AM



#82
4-Chlorotoluene
Concen: 50.522 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.7	44.1





#83

tert-Butylbenzene

Concen: 52.257 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Instrument :

MSVOA_X

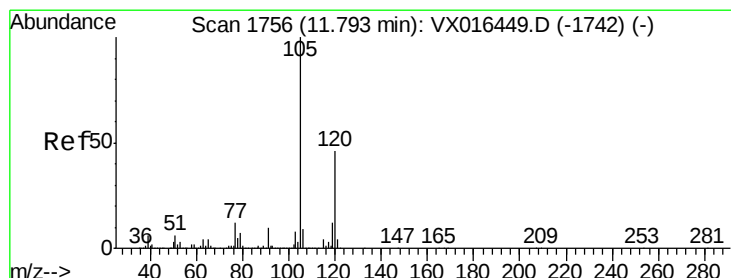
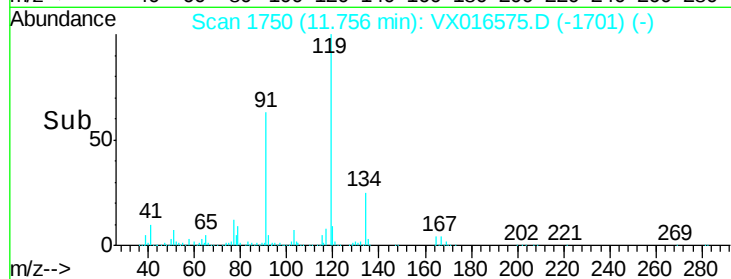
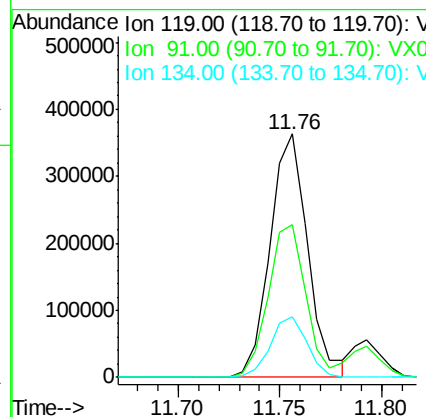
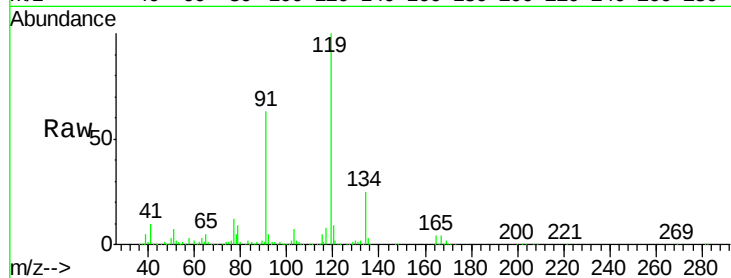
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	467414
Ion Ratio	Lower	Upper	
119	100		
91	62.5	31.3	93.8
134	24.0	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 51.658 ug/l

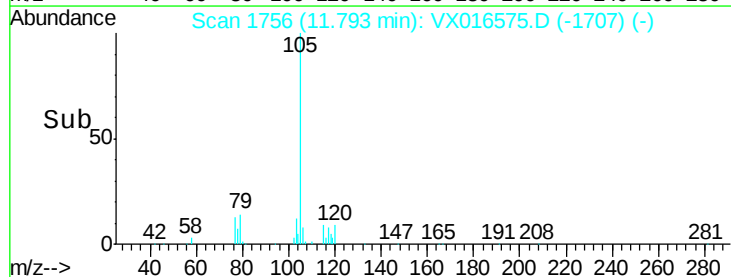
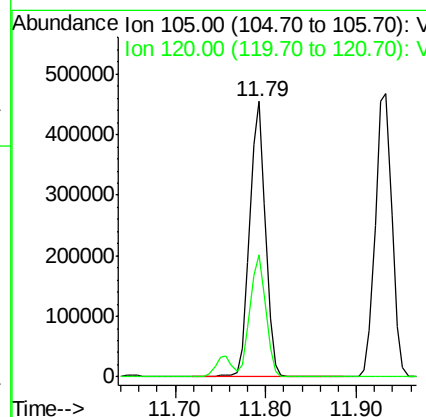
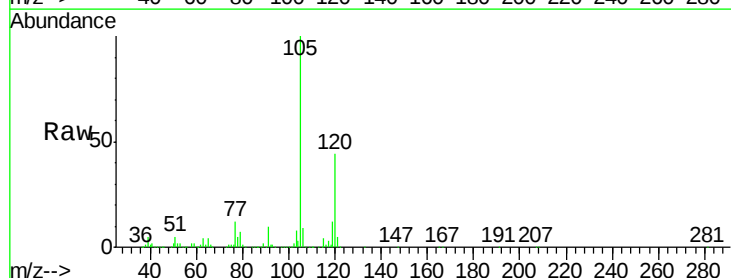
RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016575.D

Acq: 04 Jun 2020 09:59

Tgt Ion:	105	Resp:	546882
Ion Ratio	Lower	Upper	
105	100		
120	44.5	22.6	67.7





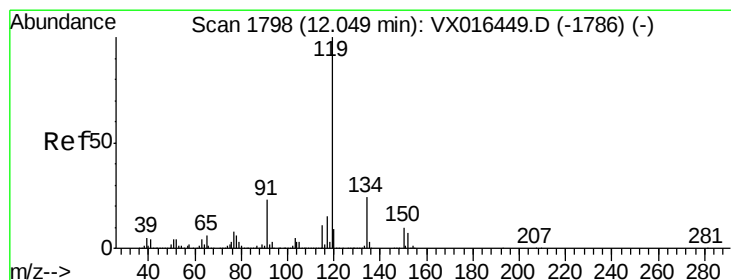
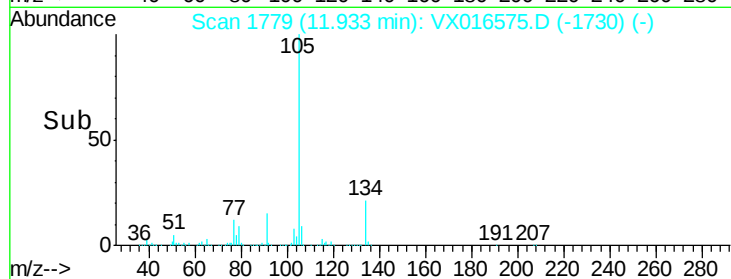
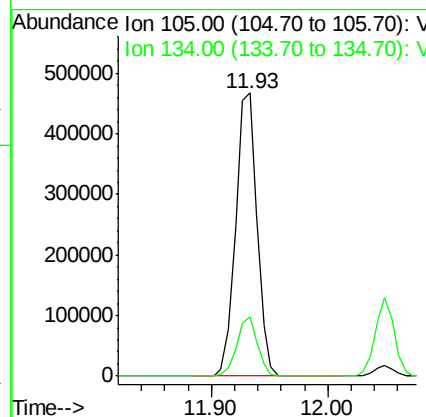
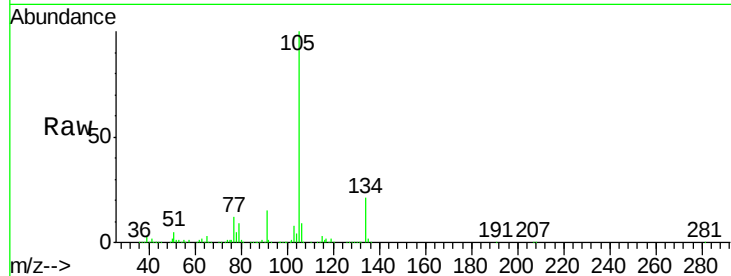
#85
 sec-Butylbenzene
 Concen: 53.250 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.3

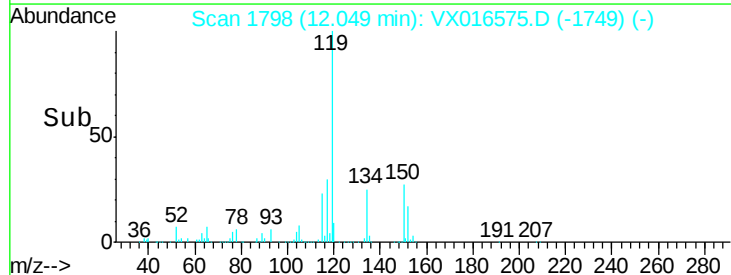
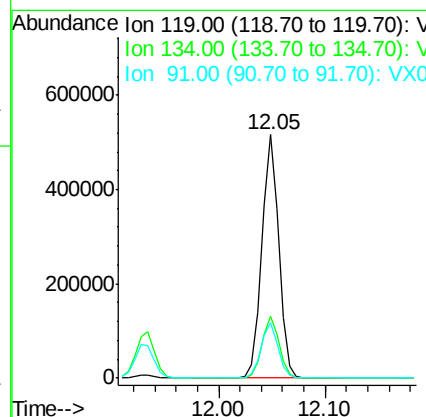
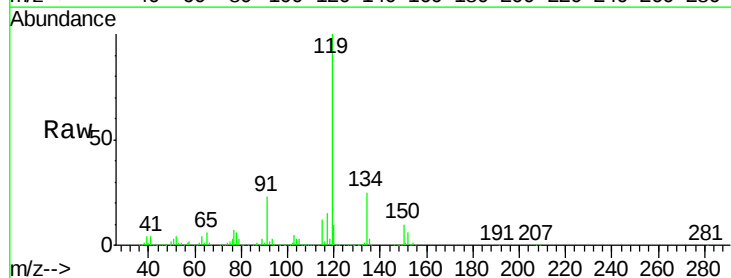
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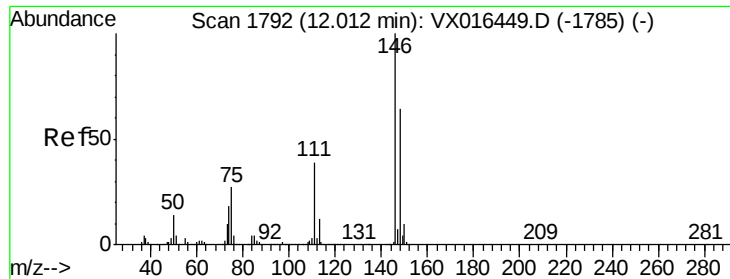
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#86
 p-Isopropyltoluene
 Concen: 54.907 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.7	38.0
91	22.8	11.7	35.0





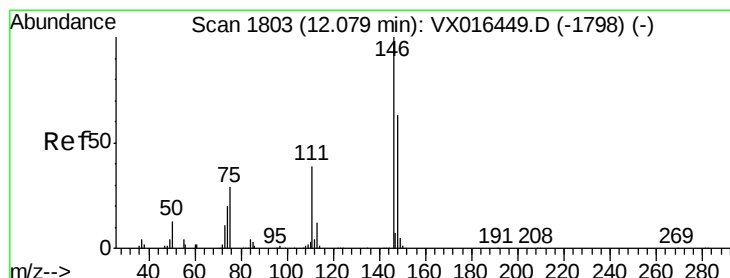
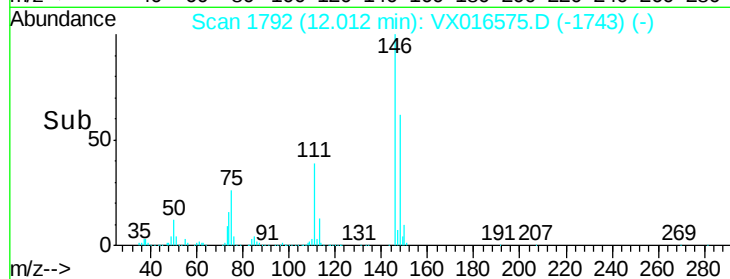
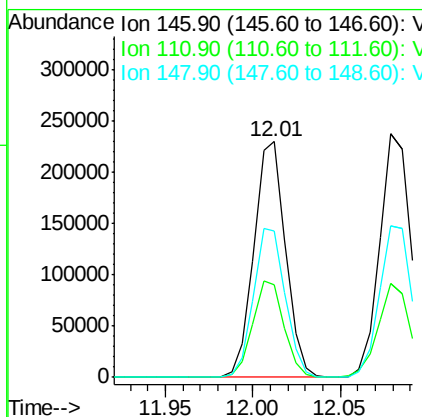
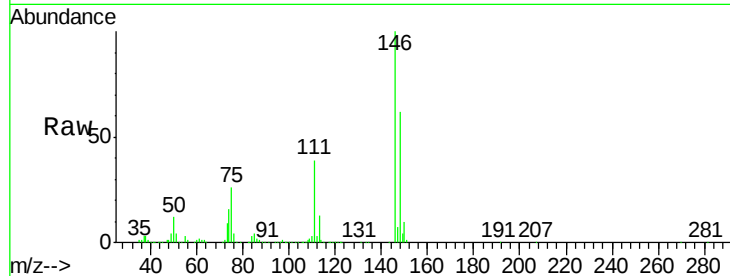
#87
 1,3-Dichlorobenzene
 Concen: 50.614 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	60.0
148	63.7	31.9	95.5

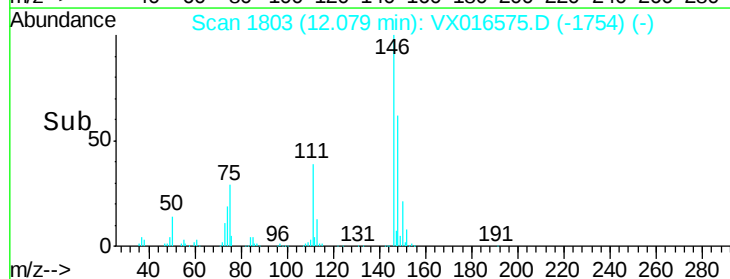
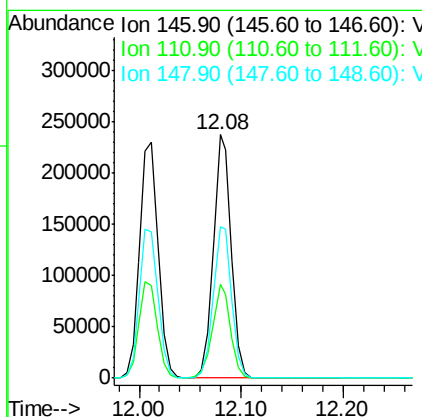
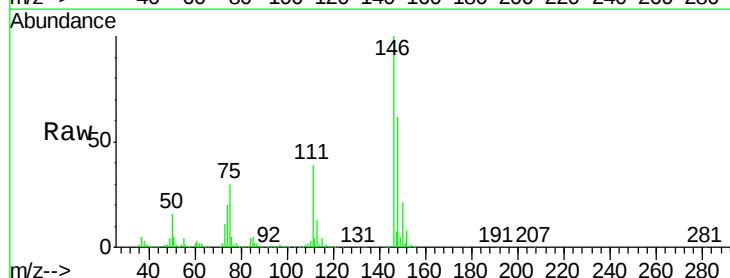
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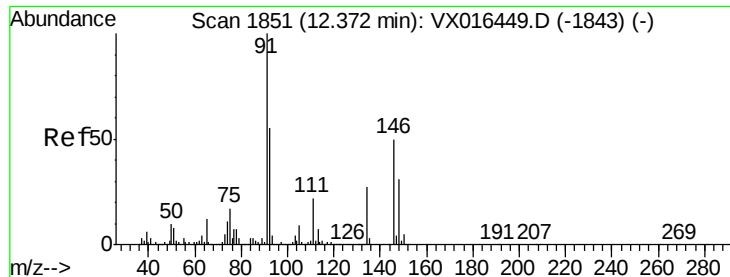
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#88
 1,4-Dichlorobenzene
 Concen: 50.263 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	64.5	31.4	94.3





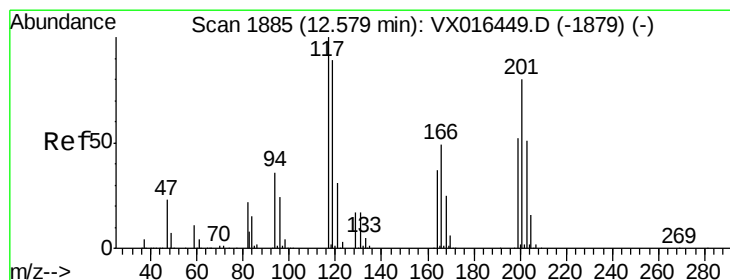
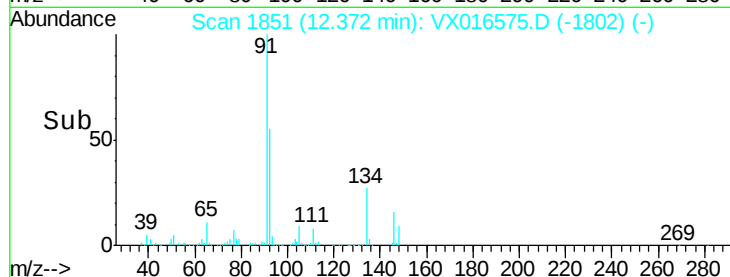
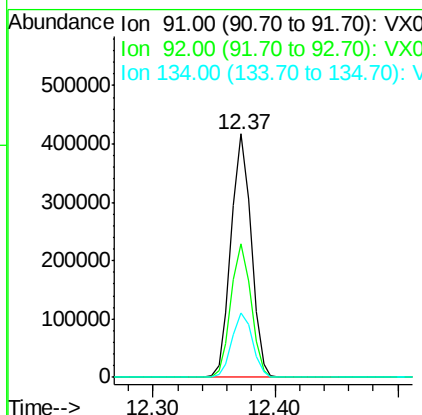
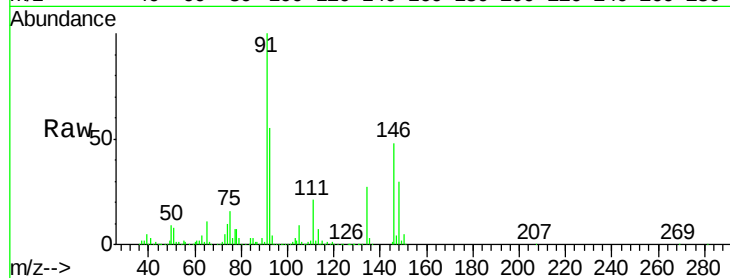
#89
n-Butylbenzene
Concen: 53.869 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.2	81.5
134	27.1	13.1	39.3

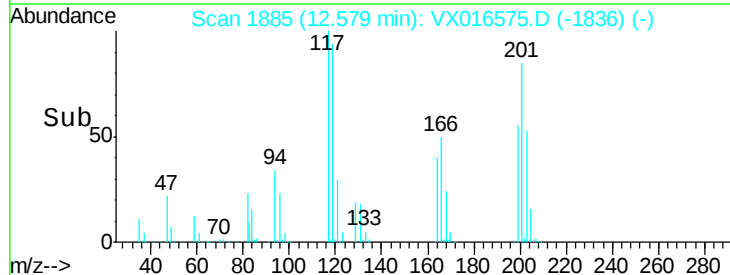
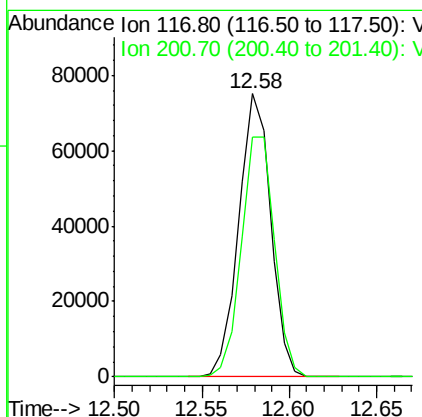
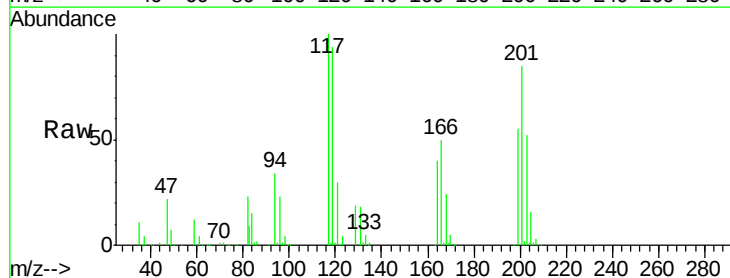
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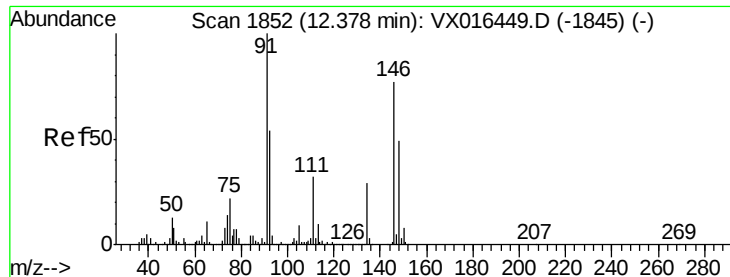
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#90
Hexachloroethane
Concen: 52.810 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	43.1	129.3





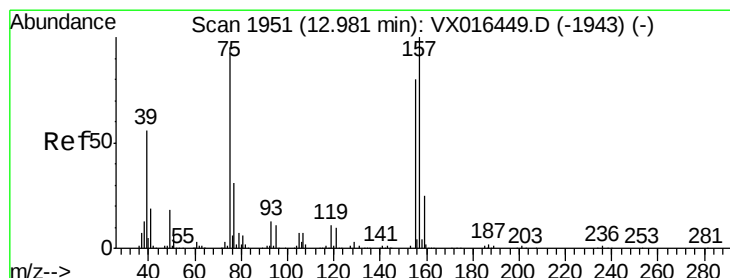
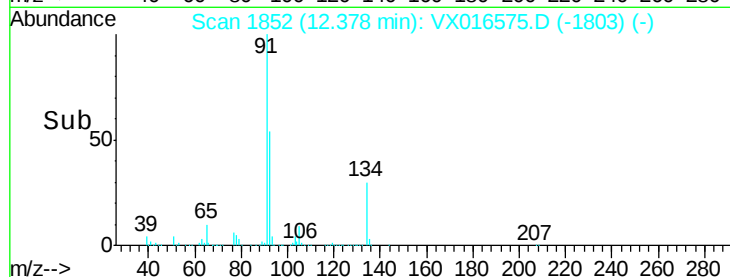
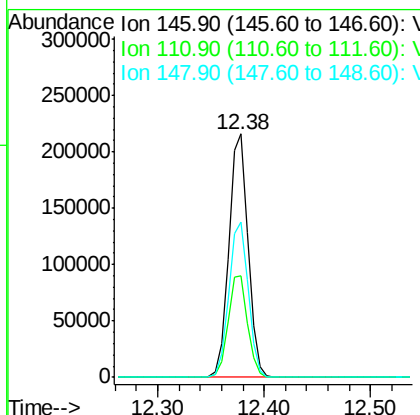
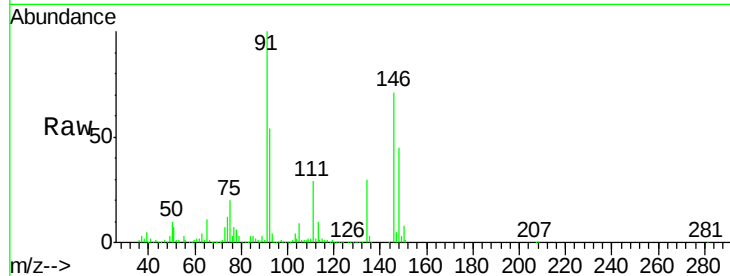
#91
 1,2-Dichlorobenzene
 Concen: 49.413 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.4	64.3
148	64.6	31.9	95.7

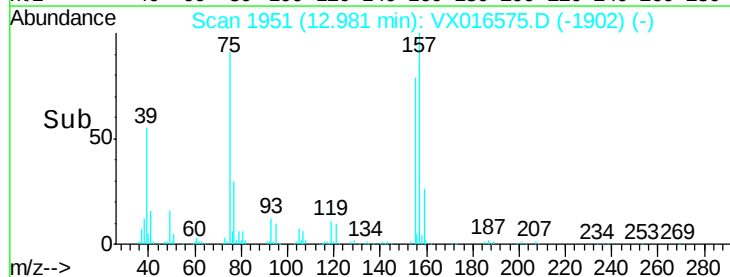
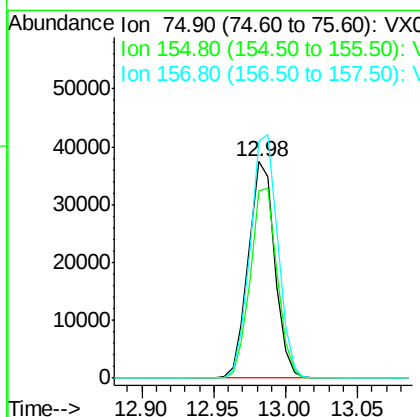
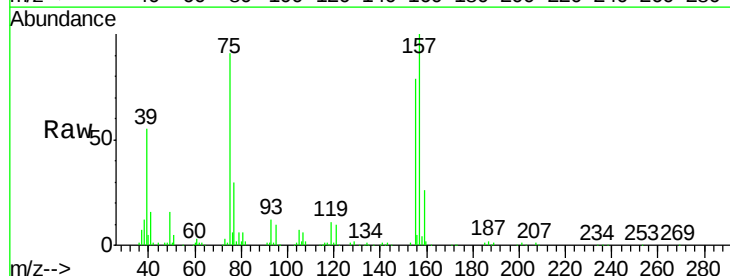
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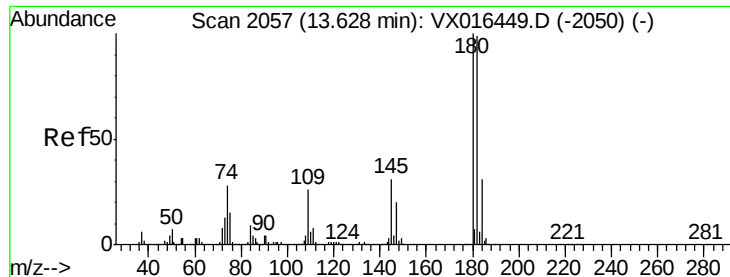
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.461 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.1	44.1	132.4
157	117.0	57.8	173.3





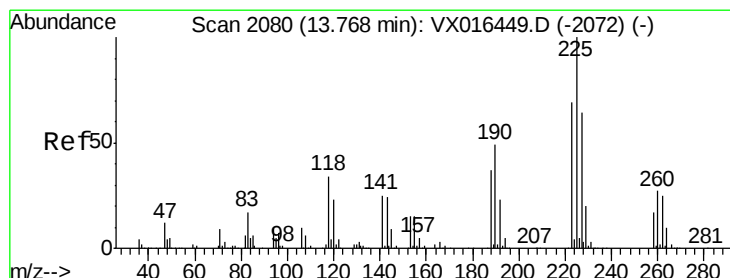
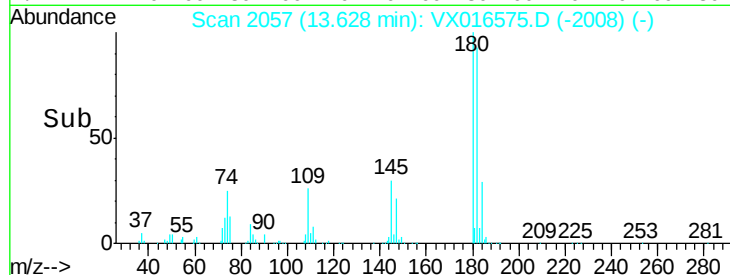
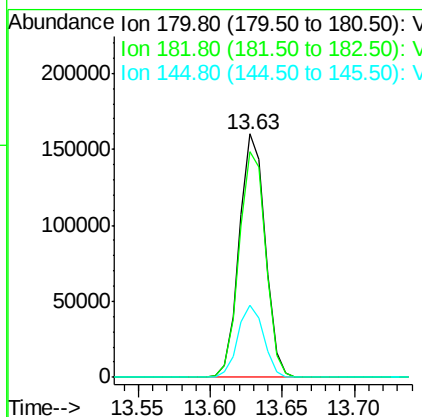
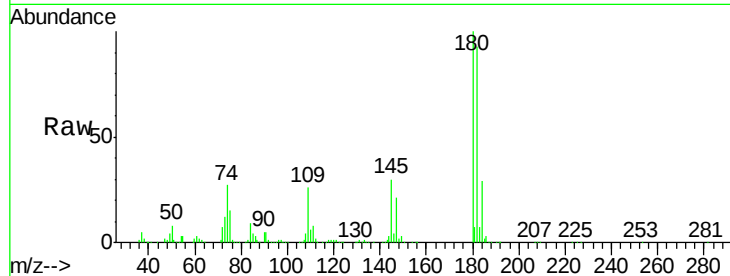
#93
 1,2,4-Trichlorobenzene
 Concen: 54.535 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	199899		
182	94.5	48.3	144.8	
145	29.9	15.4	46.2	

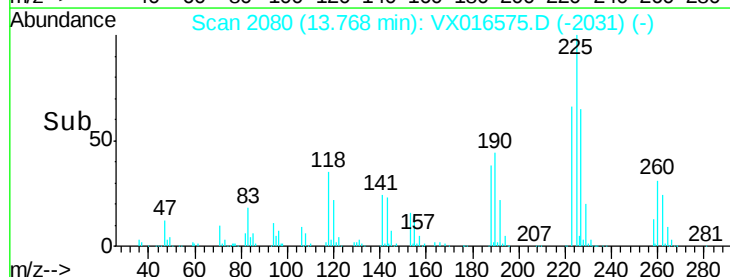
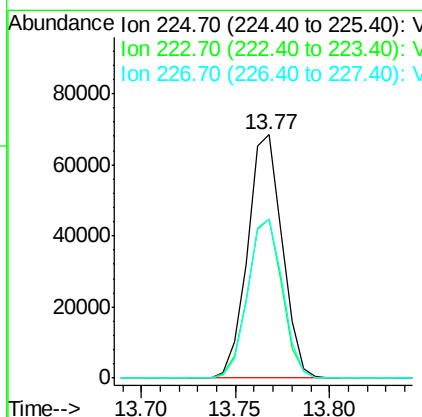
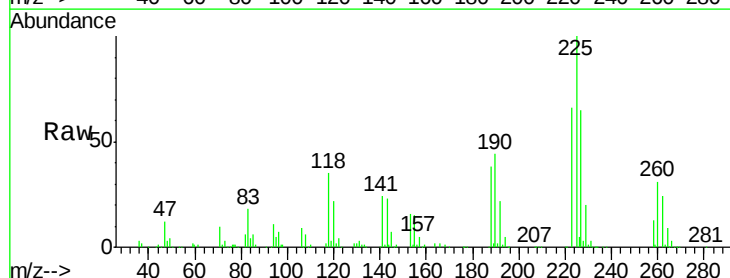
Manual Integrations
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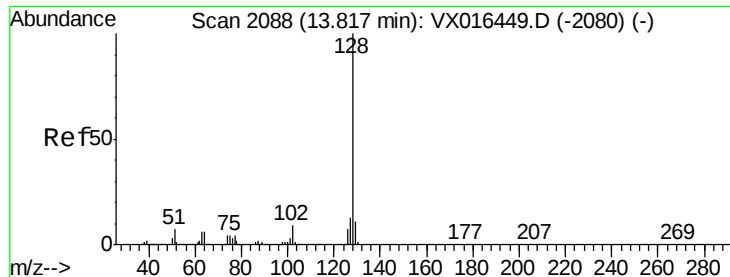
MMDadoda
 6/5/2020 10:11:54 AM



#94
 Hexachlorobutadiene
 Concen: 60.501 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016575.D
 Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87071		
223	64.9	32.3	96.8	
227	65.4	31.6	94.7	





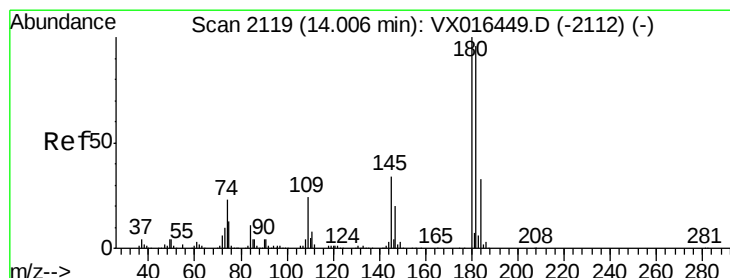
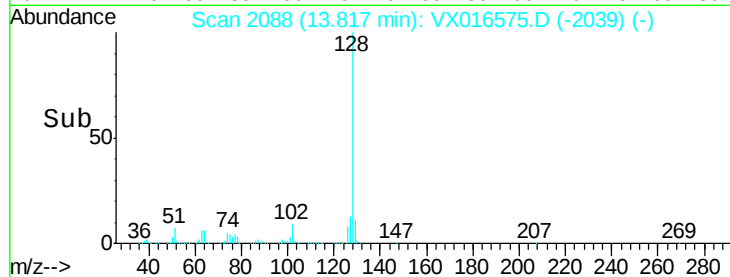
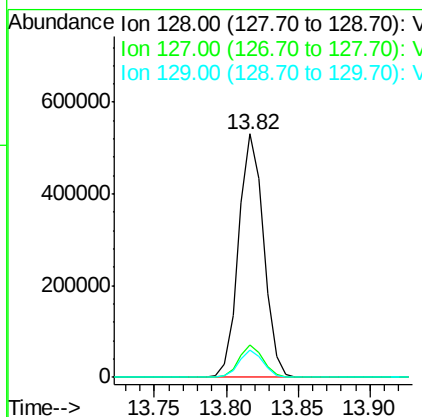
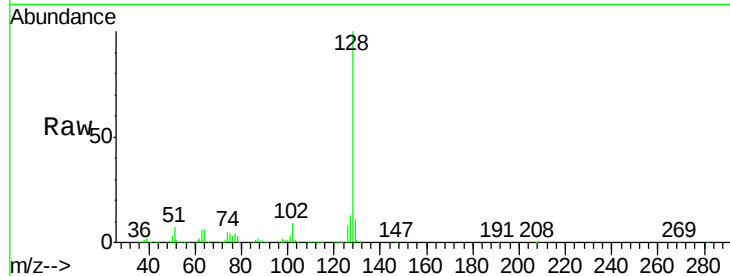
#95
Naphthalene
Concen: 51.060 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	11.0	8.6	13.0

Manual Integrations
APPROVED

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6/5/2020 10:11:54 AM



#96
1,2,3-Trichlorobenzene
Concen: 54.358 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016575.D
Acq: 04 Jun 2020 09:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.6	145.8
145	32.5	16.6	49.8

