

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052220\
 Data File : VX016418.D
 Acq On : 22 May 2020 17:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/26/2020 11:43:56 AM

Quant Time: May 23 03:50:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	210997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	342448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	324676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	166842	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	123786	44.58	ug/l	0.00
Spiked Amount			Recovery	=	89.16%	
35) Dibromofluoromethane	5.47	113	106751	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
50) Toluene-d8	8.70	98	407694	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.12	95	163637	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	99771	44.673	ug/l	99
3) Chloromethane	1.31	50	113030	43.579	ug/l	99
4) Vinyl Chloride	1.39	62	124409	44.959	ug/l	99
5) Bromomethane	1.62	94	53624	38.439	ug/l	99
6) Chloroethane	1.70	64	77828	46.225	ug/l	100
7) Trichlorofluoromethane	1.91	101	171010	47.073	ug/l	99
8) Diethyl Ether	2.17	74	71409	46.652	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.36	101	94761	45.212	ug/l	98
10) Methyl Iodide	2.49	142	100813	35.808	ug/l	99
11) Tert butyl alcohol	3.03	59	159330	226.931	ug/l	100
12) 1,1-Dichloroethene	2.35	96	100356	45.755	ug/l	96
13) Acrolein	2.27	56	99692	226.906	ug/l	99
14) Allyl chloride	2.70	41	169589	42.170	ug/l	92
15) Acrylonitrile	3.12	53	347432	238.535	ug/l	98
16) Acetone	2.42	43	261066	210.732	ug/l	93
17) Carbon Disulfide	2.55	76	277421	42.086	ug/l	99
18) Methyl Acetate	2.75	43	139058	45.652	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	377854	49.974	ug/l	98
20) Methylene Chloride	2.83	84	118593	46.437	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	116249	47.561	ug/l	94
22) Diisopropyl ether	3.82	45	341323	44.988	ug/l	96
23) Vinyl Acetate	3.79	43	1519142	227.590	ug/l	96
24) 1,1-Dichloroethane	3.67	63	203668	47.988	ug/l	97
25) 2-Butanone	4.64	43	459204	230.029	ug/l	95
26) 2,2-Dichloropropane	4.56	77	172314	44.457	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	133917	50.117	ug/l	93
28) Bromochloromethane	4.98	49	77609	40.103	ug/l	86
29) Tetrahydrofuran	5.09	42	299614	226.509	ug/l	93
30) Chloroform	5.18	83	211627	50.080	ug/l	99
31) Cyclohexane	5.55	56	166995	43.295	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	189336	49.292	ug/l	97
36) 1,1-Dichloropropene	5.77	75	154622	45.869	ug/l	99
37) Ethyl Acetate	4.79	43	173570	44.425	ug/l	96
38) Carbon Tetrachloride	5.76	117	167070	48.761	ug/l	96

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 5/26/2020 11:43:56 AM

Quant Time: May 23 03:50:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	164325	40.479	ug/l	95
40) Benzene	6.12	78	483036	48.974	ug/l	100
41) Methacrylonitrile	5.01	41	91669	43.446	ug/l	94
42) 1,2-Dichloroethane	6.17	62	162841	45.832	ug/l	97
43) Isopropyl Acetate	6.42	43	275652	44.219	ug/l	95
44) Trichloroethene	7.19	130	148195	42.293	ug/l	99
45) 1,2-Dichloropropane	7.49	63	121393	48.641	ug/l	99
46) Dibromomethane	7.64	93	83177	49.043	ug/l	97
47) Bromodichloromethane	7.88	83	173130	50.122	ug/l	98
48) Methyl methacrylate	7.75	41	131217	44.422	ug/l	90
49) 1,4-Dioxane	7.71	88	67851	957.766	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	884360	231.830	ug/l	94
52) Toluene	8.77	92	310254	50.465	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	199428	48.423	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	212364	49.367	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	127720	52.803	ug/l	99
56) Ethyl methacrylate	9.16	69	202856	51.379	ug/l	89
57) 1,3-Dichloropropane	9.35	76	214328	50.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	461934	219.766	ug/l	97
59) 2-Hexanone	9.48	43	690497	230.491	ug/l	93
60) Dibromochloromethane	9.57	129	144697	54.317	ug/l	100
61) 1,2-Dibromoethane	9.65	107	136114	51.952	ug/l	99
64) Tetrachloroethene	9.32	164	161525	40.525	ug/l	94
65) Chlorobenzene	10.12	112	340179	50.038	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	127984	50.934	ug/l	99
67) Ethyl Benzene	10.24	91	589529	48.601	ug/l	98
68) m/p-Xylenes	10.34	106	461054	101.450	ug/l	99
69) o-Xylene	10.68	106	222075	50.836	ug/l	99
70) Styrene	10.69	104	390931	52.749	ug/l	99
71) Bromoform	10.84	173	111743	54.583	ug/l #	99
73) Isopropylbenzene	11.01	105	583899	48.116	ug/l	99
74) N-amyl acetate	10.88	43	244800	43.248	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	161208	65.148	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	181107m	47.836	ug/l	
77) Bromobenzene	11.24	156	154009	49.168	ug/l	97
78) n-propylbenzene	11.35	91	655949	46.464	ug/l	99
79) 2-Chlorotoluene	11.41	91	406008	48.722	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	499509	48.752	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	76570	48.196	ug/l	94
82) 4-Chlorotoluene	11.49	91	473531	48.121	ug/l	99
83) tert-Butylbenzene	11.76	119	429557	48.648	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	509700	49.205	ug/l	99
85) sec-Butylbenzene	11.93	105	515062	43.202	ug/l	100
86) p-Isopropyltoluene	12.05	119	498240	45.012	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	269965	48.001	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	271277	47.523	ug/l	99
89) n-Butylbenzene	12.37	91	405144	40.065	ug/l	99
90) Hexachloroethane	12.58	117	87320	45.933	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	260658	48.132	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47235	47.338	ug/l	92

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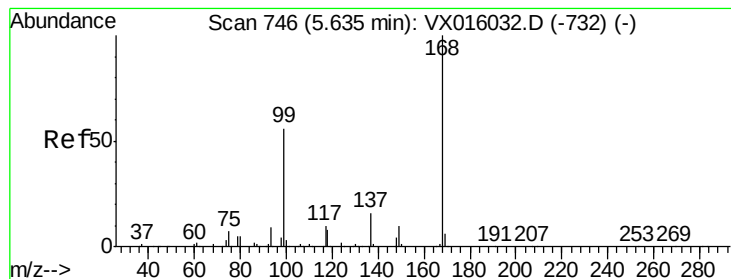
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	173638	43.308	ug/l	98
94) Hexachlorobutadiene	13.77	225	62518	36.356	ug/l	98
95) Naphthalene	13.82	128	627930	48.368	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	169156	43.169	ug/l	99

(#) = 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. -0.01 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 210997

Ion Ratio Lower Upper

168 100

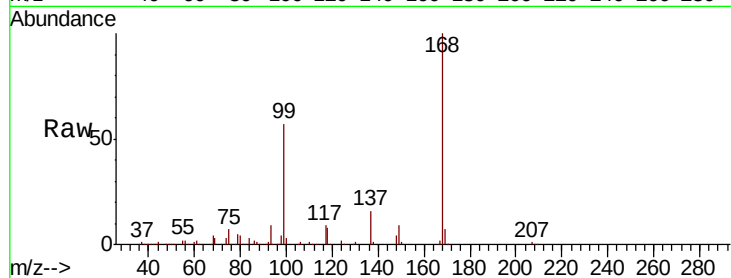
99 56.9 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

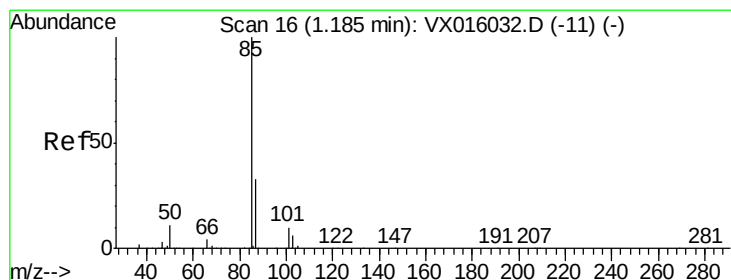
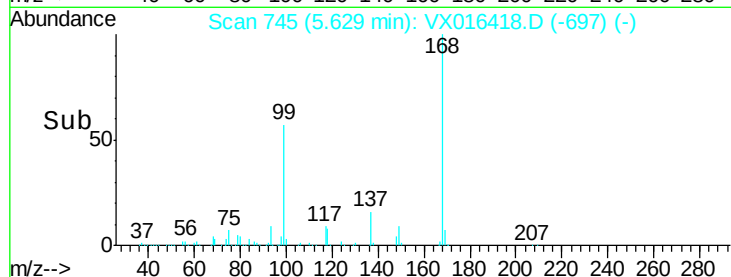
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.673 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016418.D

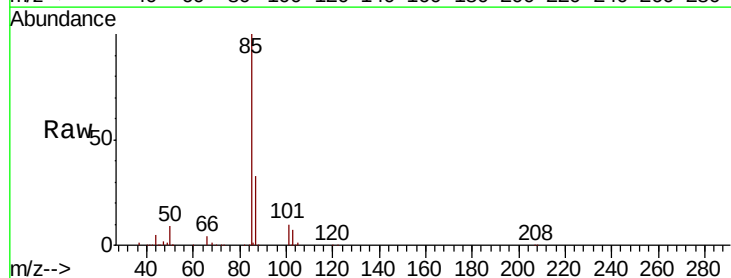
Acq: 22 May 2020 17:30

Tgt Ion: 85 Resp: 99771

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

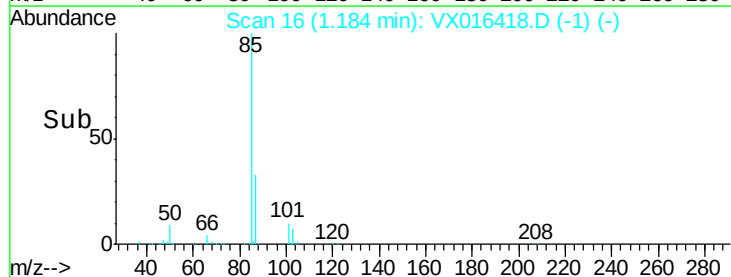
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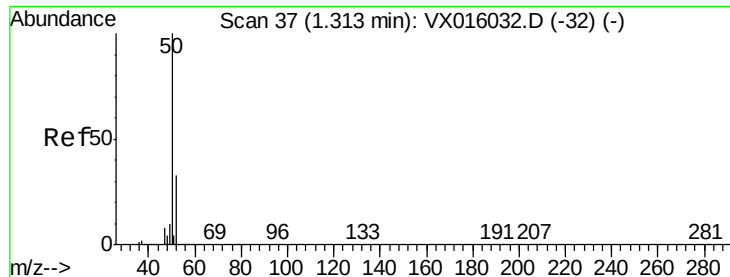
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 43.579 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 113030

Ion Ratio Lower Upper

50 100

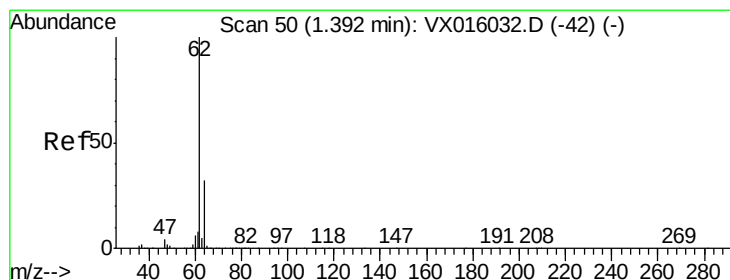
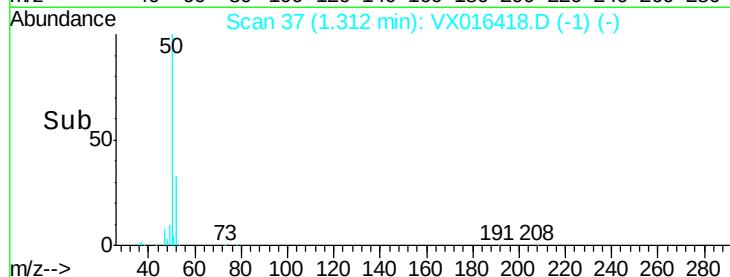
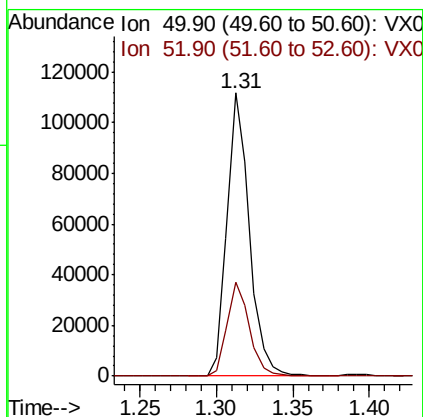
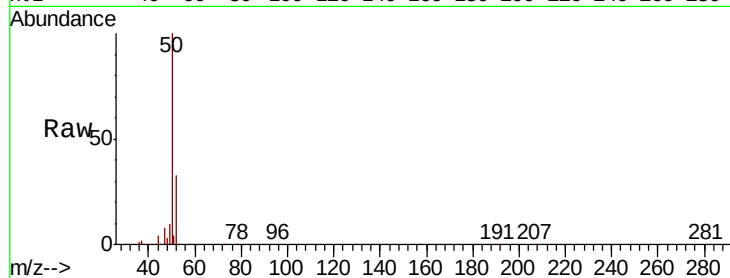
52 33.1 26.1 39.1

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#4

Vinyl Chloride

Concen: 44.959 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016418.D

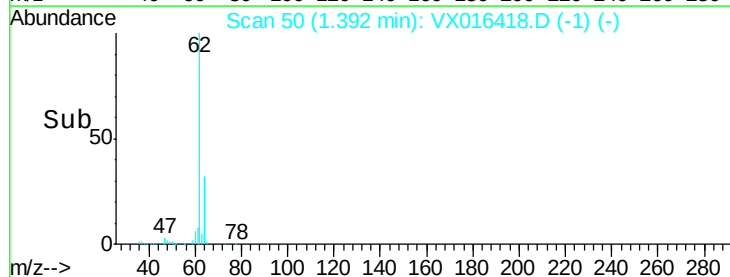
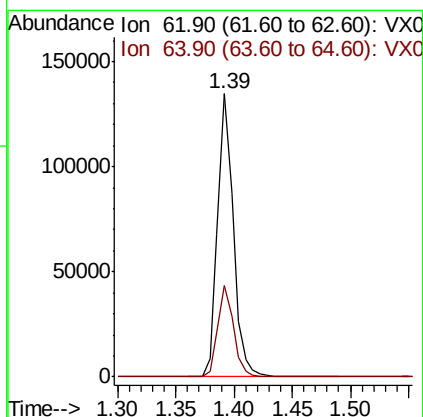
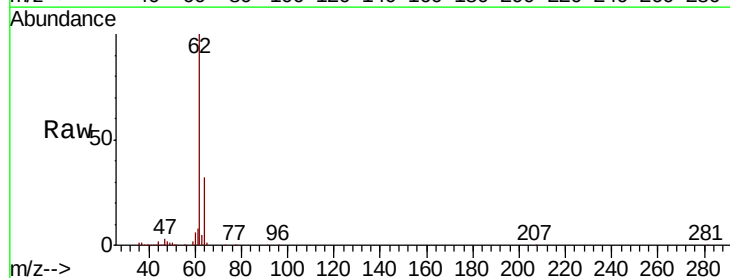
Acq: 22 May 2020 17:30

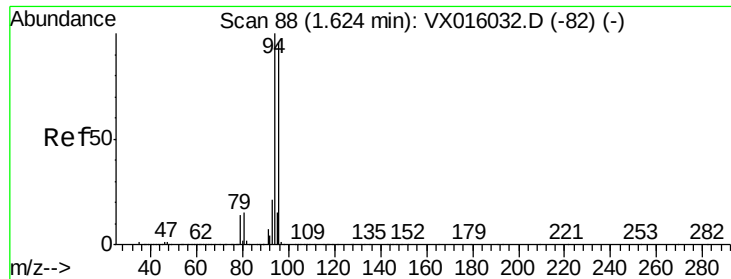
Tgt Ion: 62 Resp: 124409

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 38.439 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 53624

Ion Ratio Lower Upper

94 100

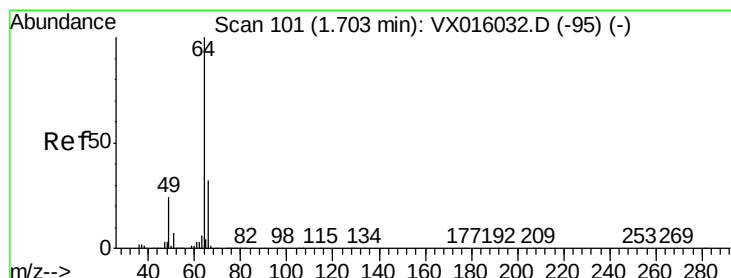
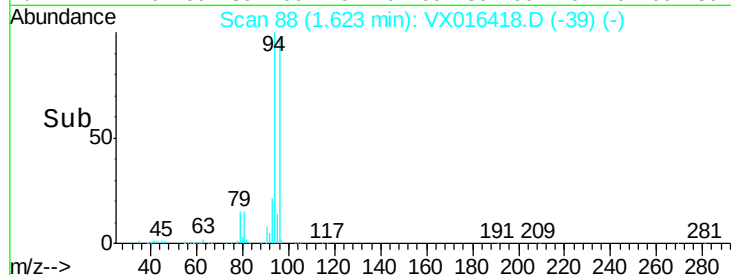
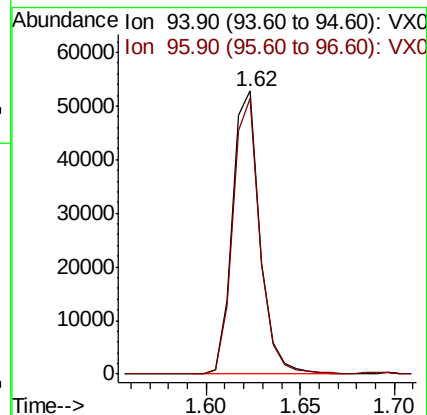
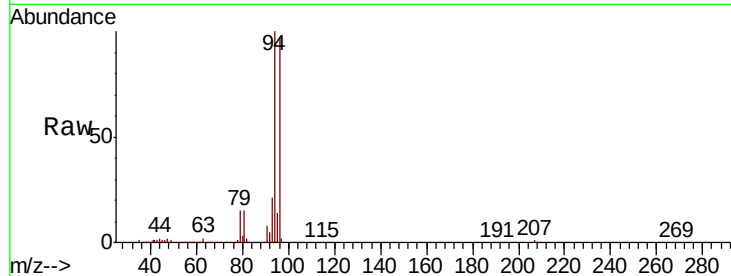
96 97.3 76.9 115.3

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#6

Chloroethane

Concen: 46.225 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016418.D

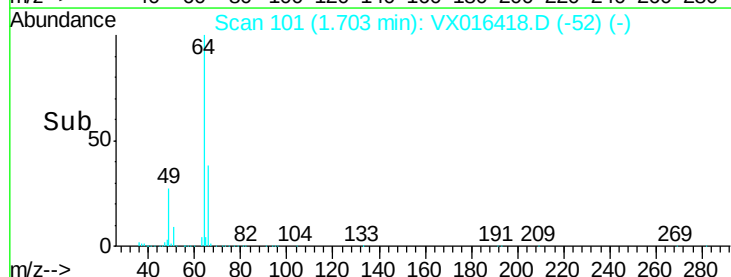
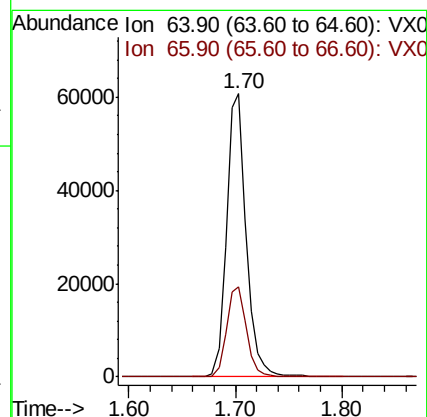
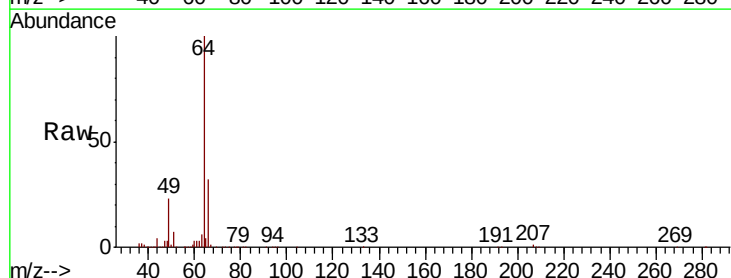
Acq: 22 May 2020 17:30

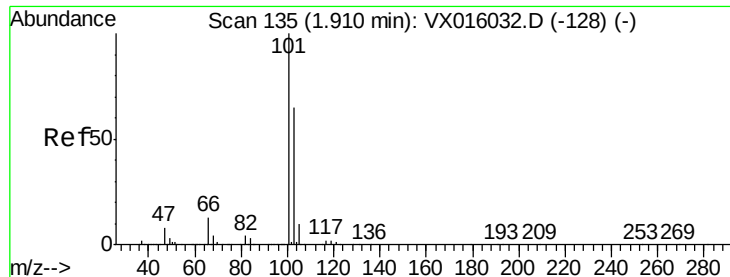
Tgt Ion: 64 Resp: 77828

Ion Ratio Lower Upper

64 100

66 31.7 25.2 37.8





#7

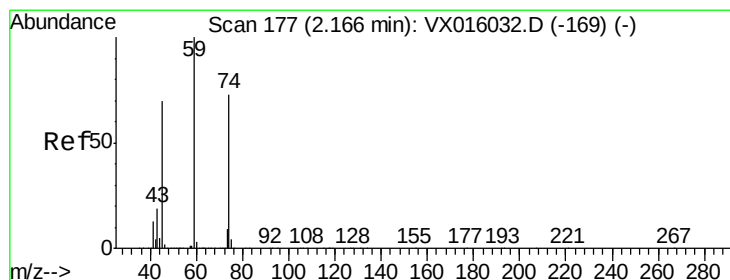
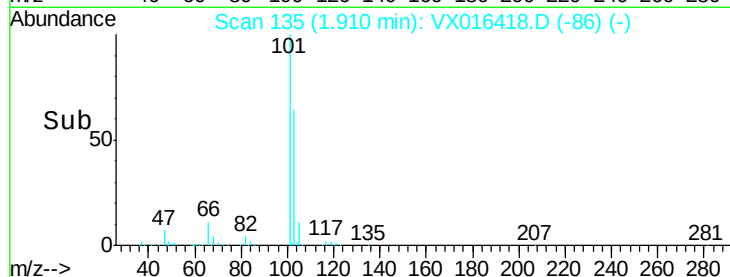
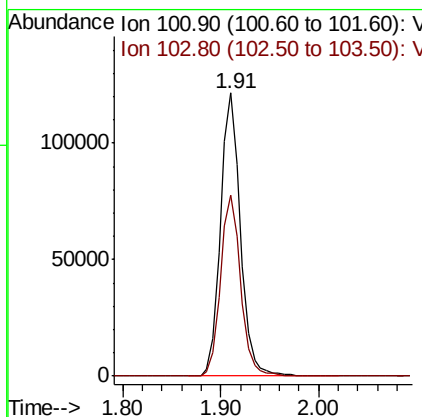
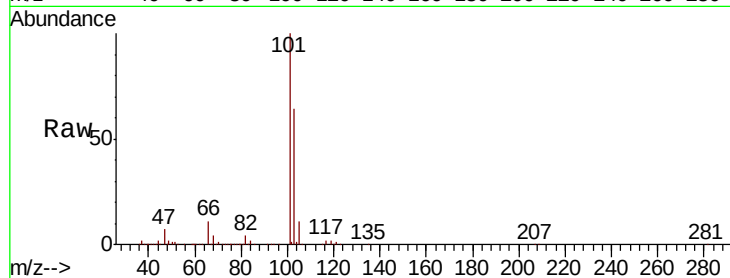
Trichlorofluoromethane
Concen: 47.073 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.8	77.6

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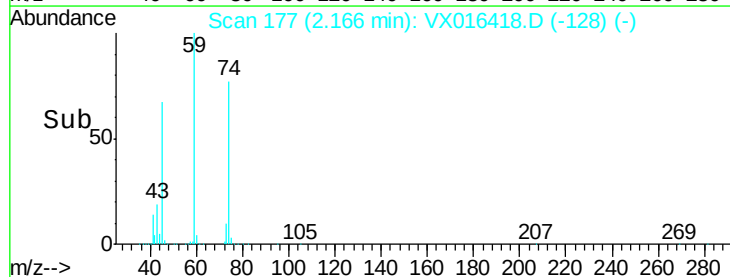
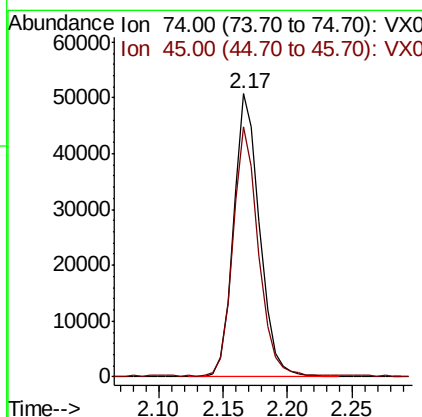
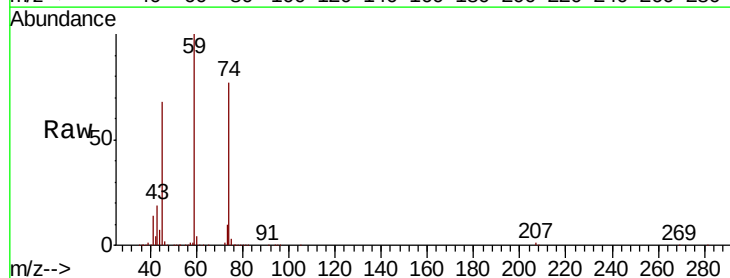
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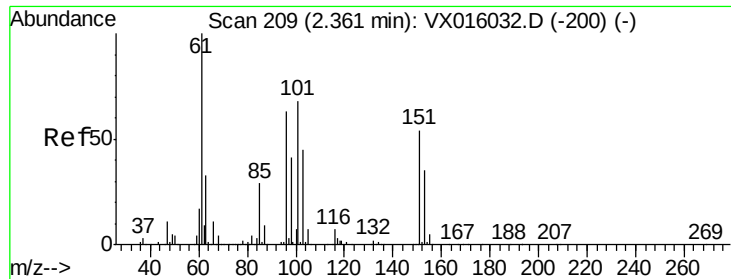


#8

Diethyl Ether
Concen: 46.652 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.8	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.212 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

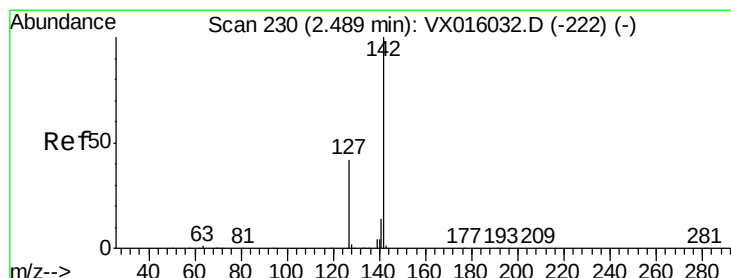
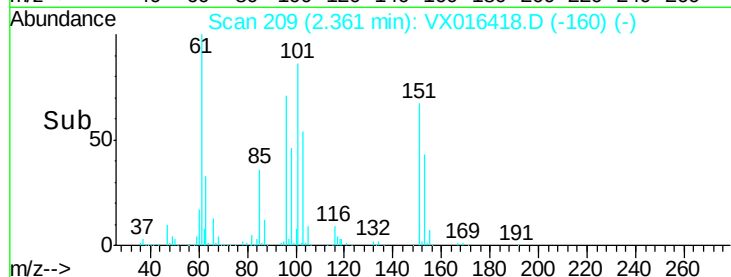
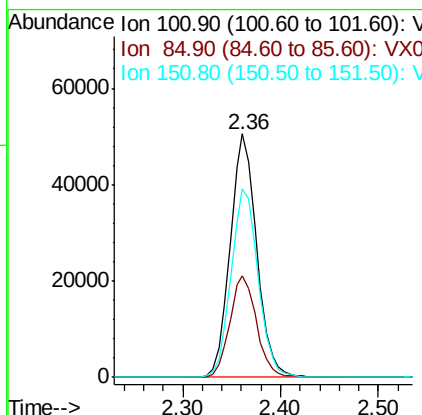
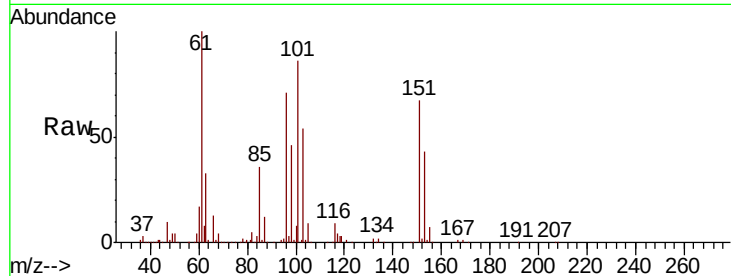
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	94761
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.2	51.4
151	79.6	62.1	93.1

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#10

Methyl Iodide

Concen: 35.808 ug/l

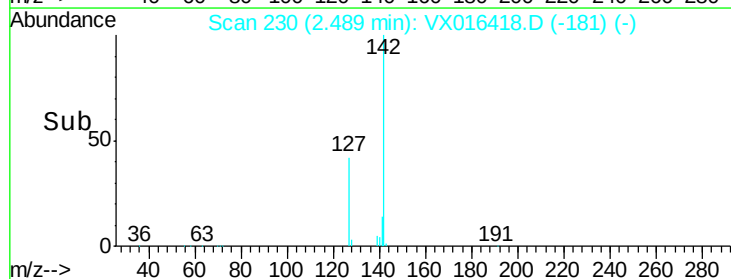
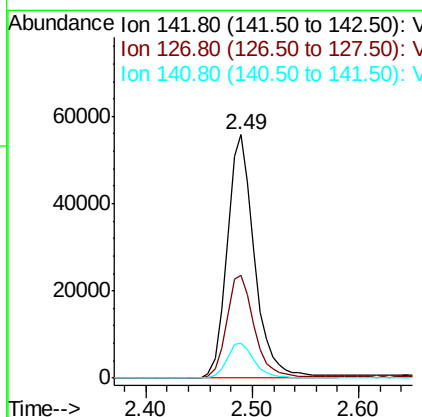
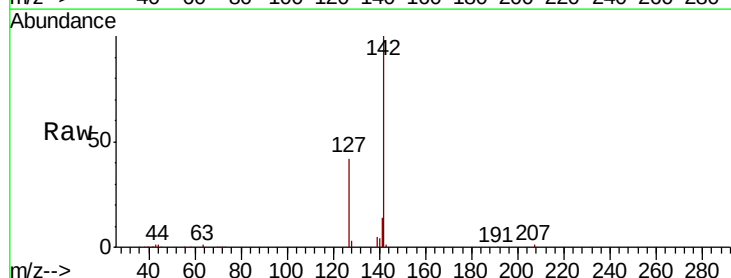
RT: 2.49 min Scan# 230

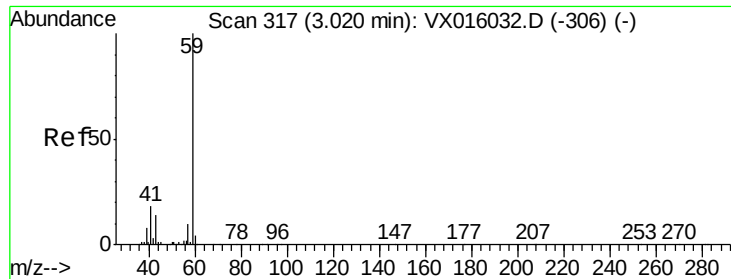
Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Tgt Ion:	142	Resp:	100813
Ion Ratio	Lower	Upper	
142	100		
127	42.8	34.6	52.0
141	14.2	11.3	16.9





#11

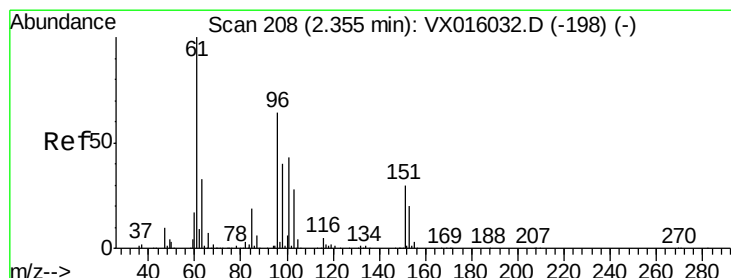
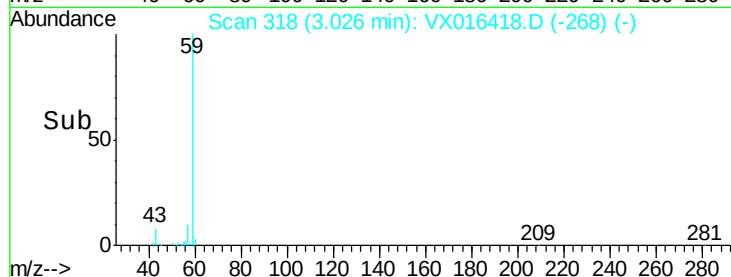
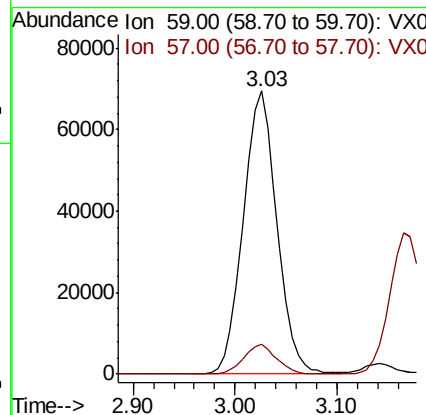
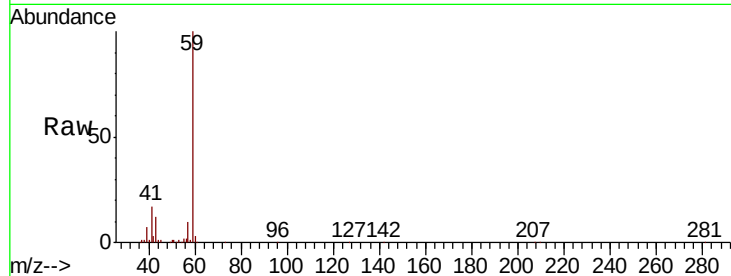
Tert butyl alcohol
Concen: 226.931 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations
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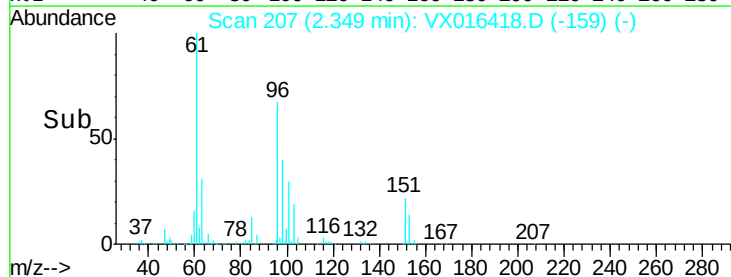
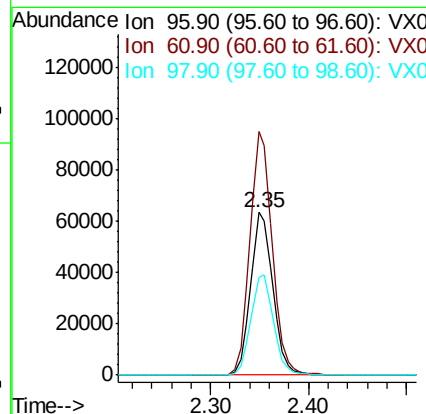
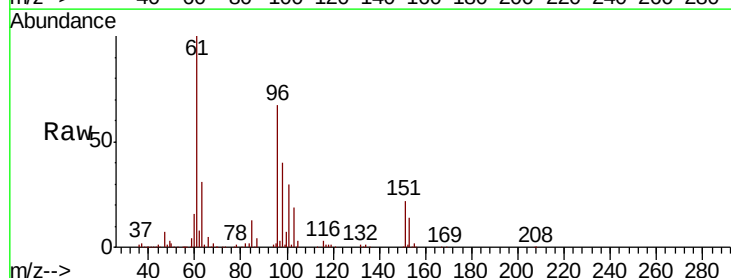
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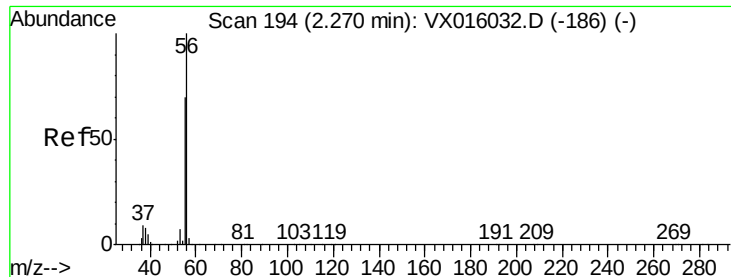


#12

1,1-Dichloroethene
Concen: 45.755 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.6	124.8	187.2
98	59.9	49.7	74.5





#13

Acrolein

Concen: 226.906 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 99692

Ion Ratio Lower Upper

56 100

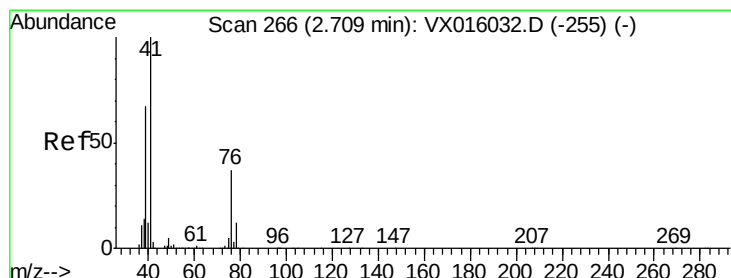
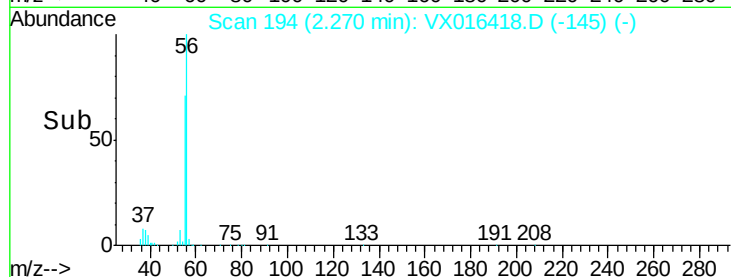
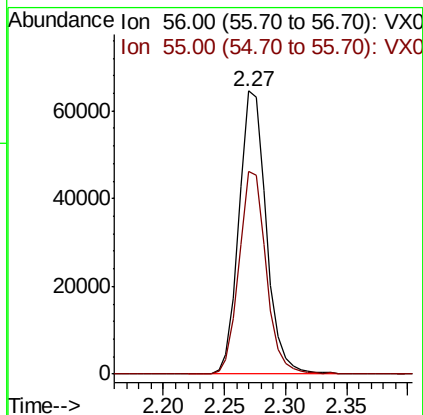
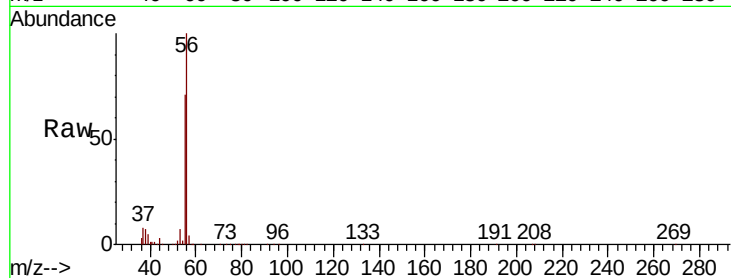
55 71.3 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 42.170 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

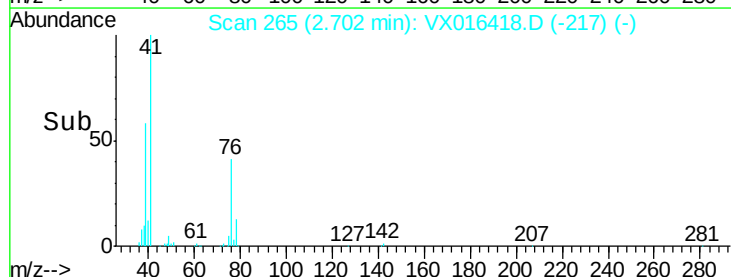
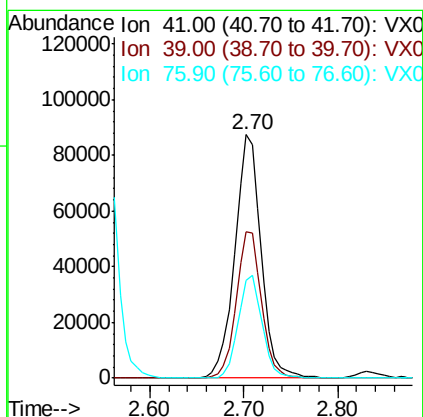
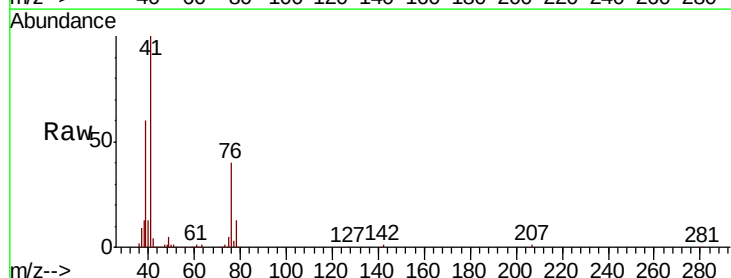
Tgt Ion: 41 Resp: 169589

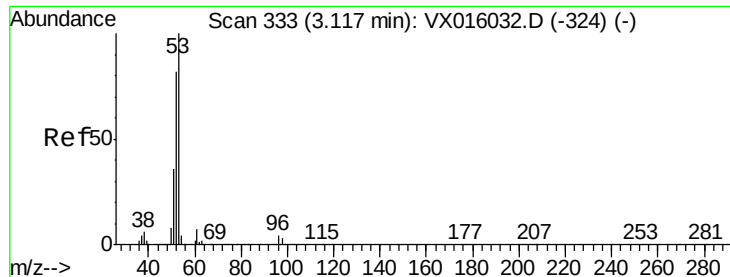
Ion Ratio Lower Upper

41 100

39 57.6 50.5 75.7

76 38.3 26.6 40.0





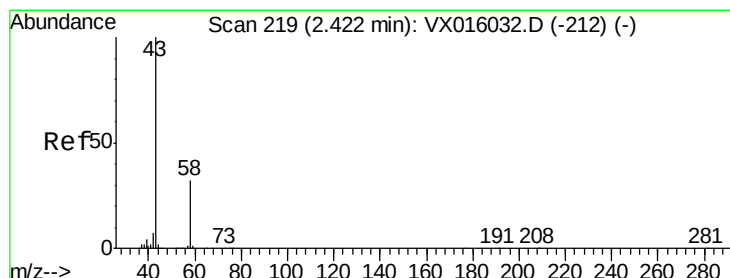
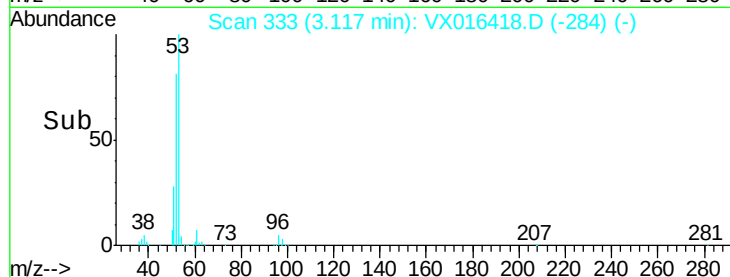
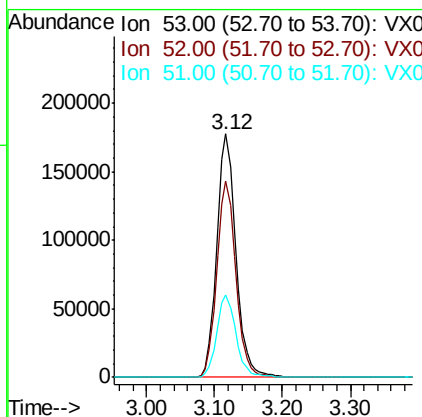
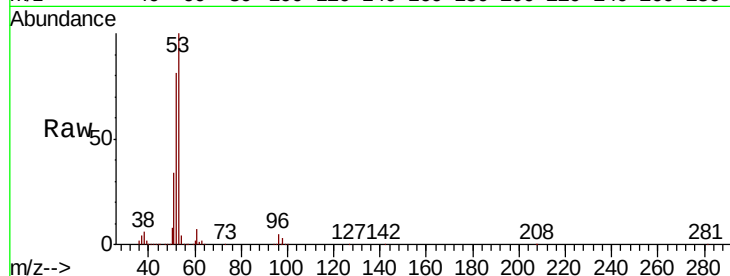
#15
 Acrylonitrile
 Concen: 238.535 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	80.6	66.1	99.1
51	34.4	28.8	43.2

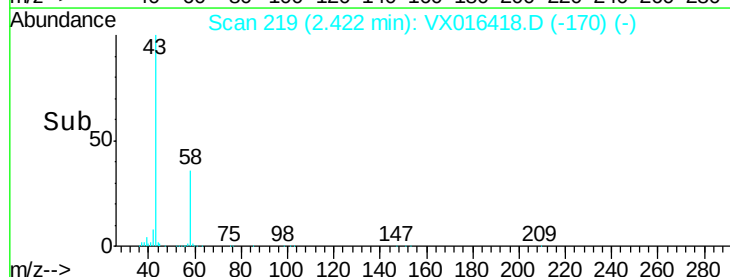
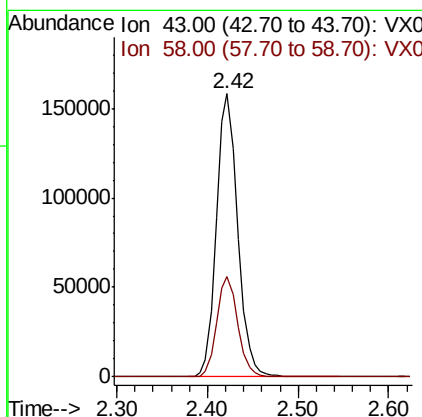
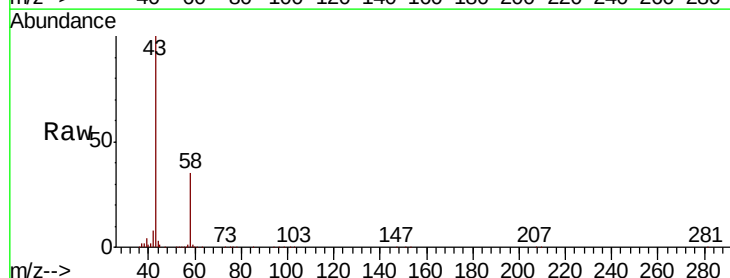
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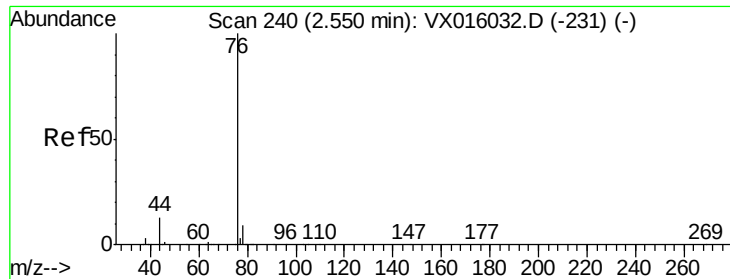
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#16
 Acetone
 Concen: 210.732 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.4	25.4	38.0





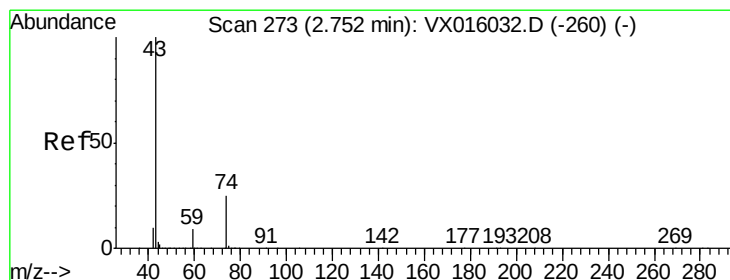
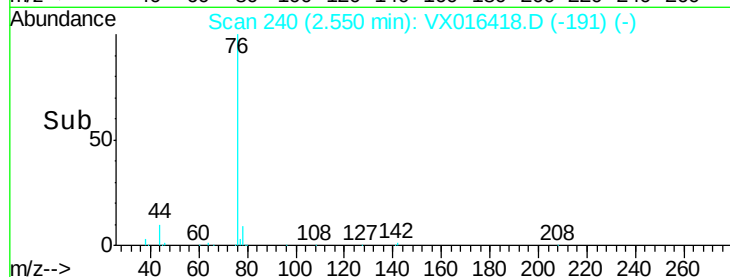
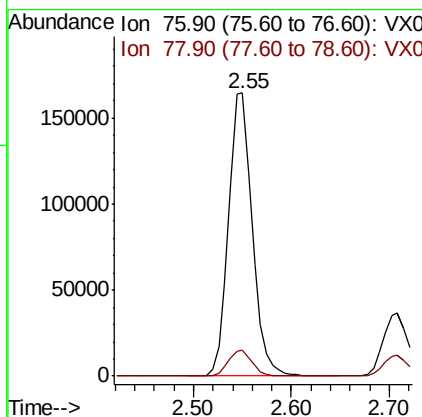
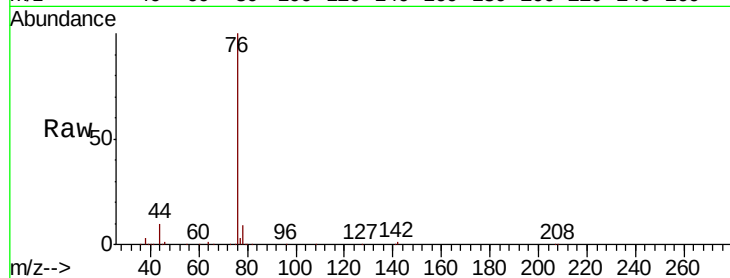
#17
Carbon Disulfide
Concen: 42.086 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

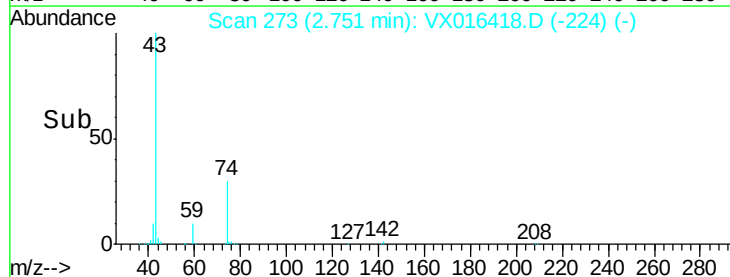
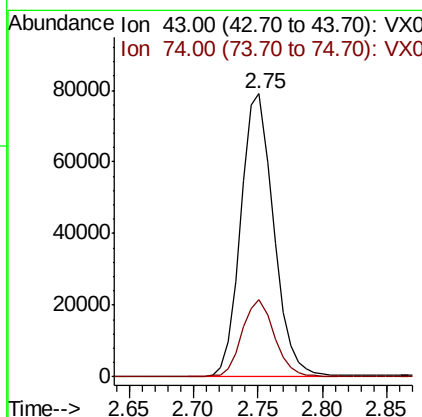
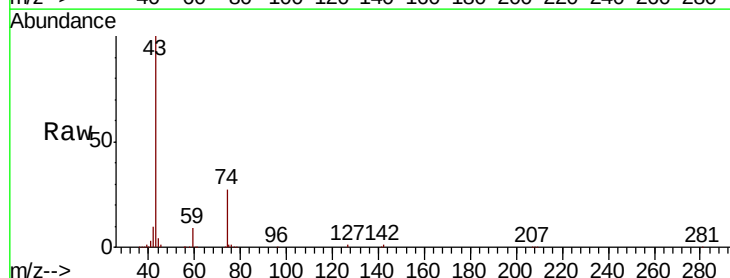
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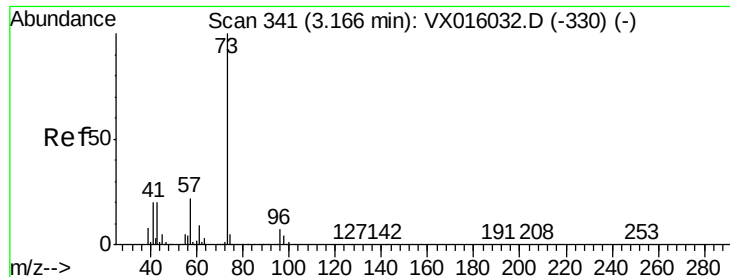
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#18
Methyl Acetate
Concen: 45.652 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.7	20.2	30.2





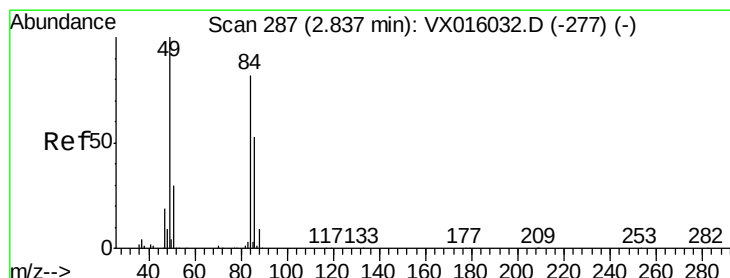
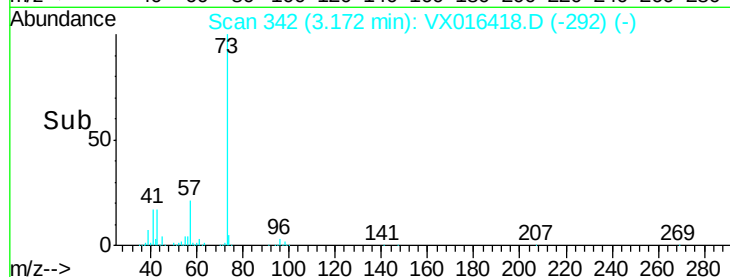
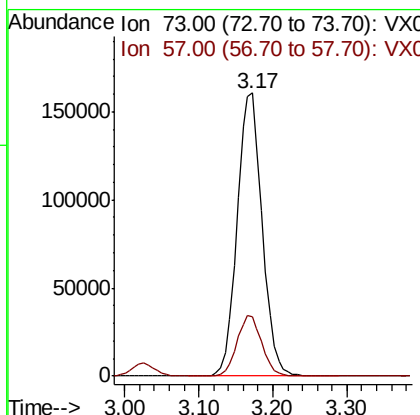
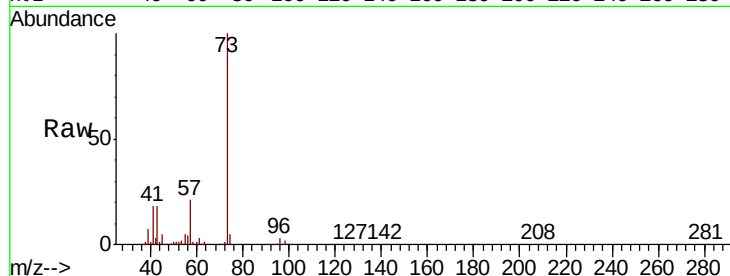
#19
Methyl tert-butyl Ether
Concen: 49.974 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.8	26.6

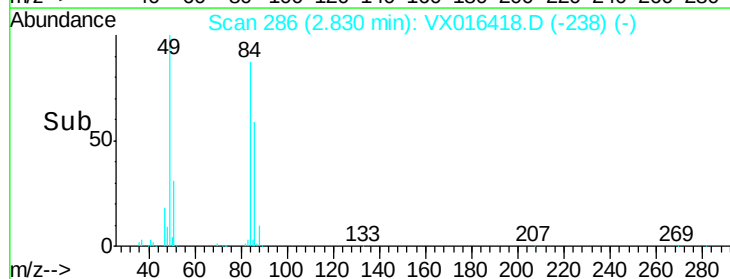
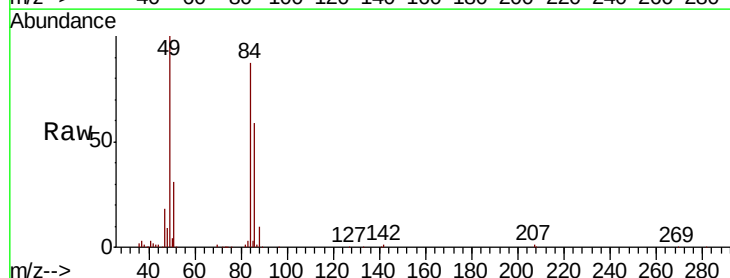
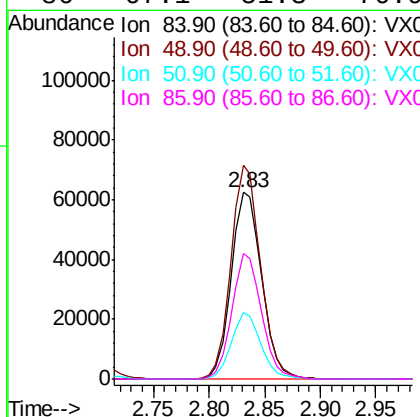
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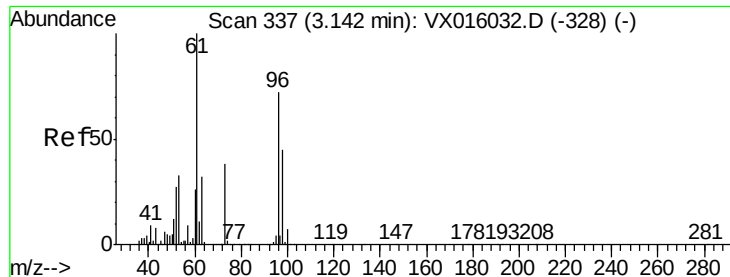
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#20
Methylene Chloride
Concen: 46.437 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.3	97.3	145.9
51	35.4	29.3	43.9
86	67.1	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 47.561 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

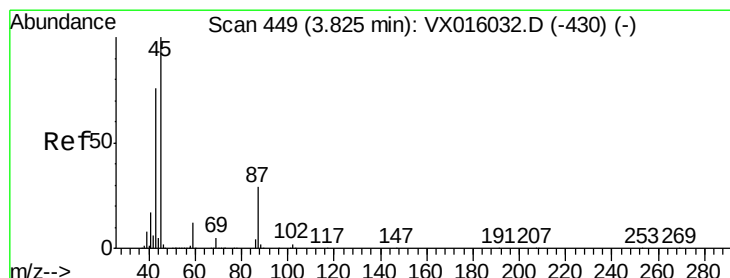
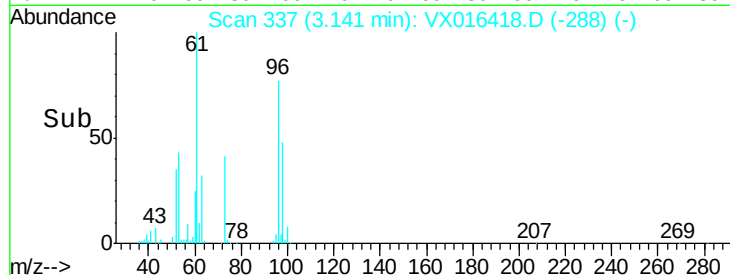
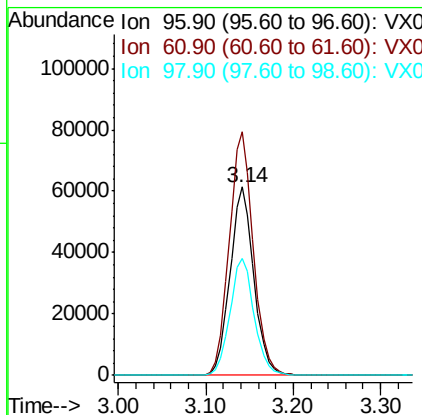
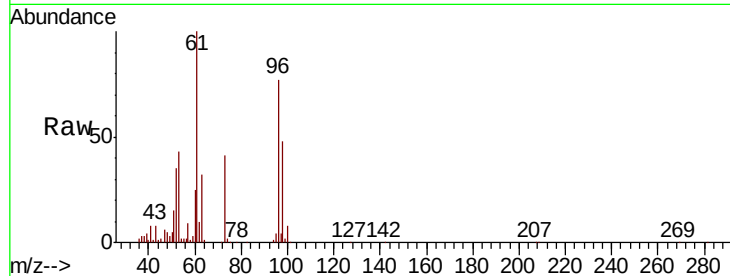
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	116249
Ion	Ratio	Lower	Upper
96	100		
61	129.5	111.2	166.8
98	62.2	50.2	75.4

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#22

Diisopropyl ether

Concen: 44.988 ug/l

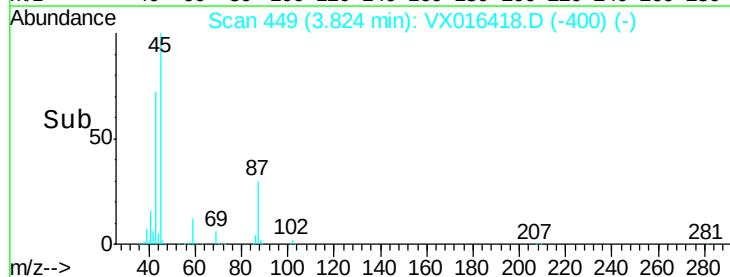
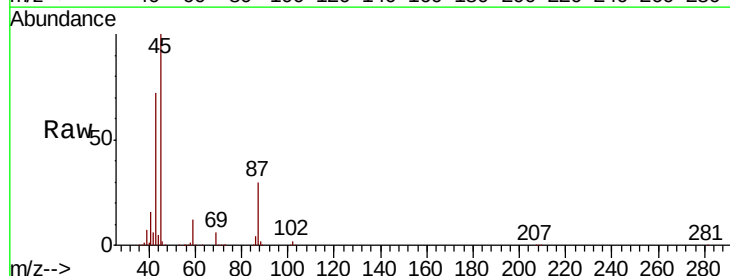
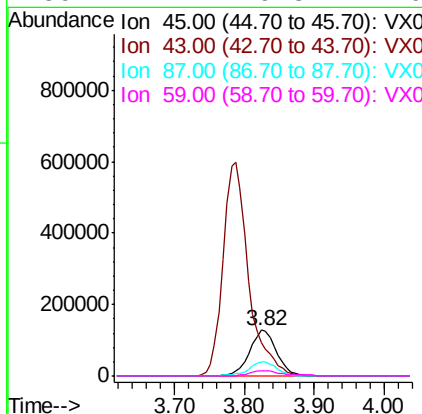
RT: 3.82 min Scan# 449

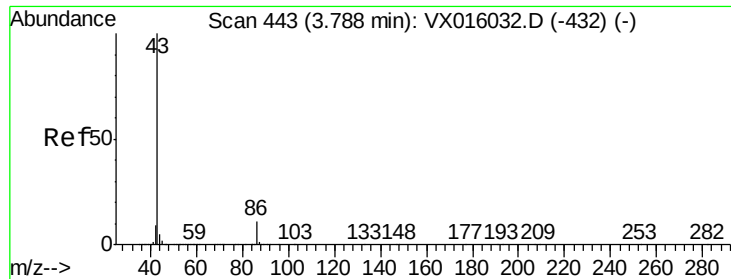
Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Tgt Ion:	45	Resp:	341323
Ion	Ratio	Lower	Upper
45	100		
43	72.4	61.1	91.7
87	30.2	23.0	34.6
59	12.4	9.8	14.6





#23

Vinyl Acetate

Concen: 227.590 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1519142

Ion Ratio Lower Upper

43 100

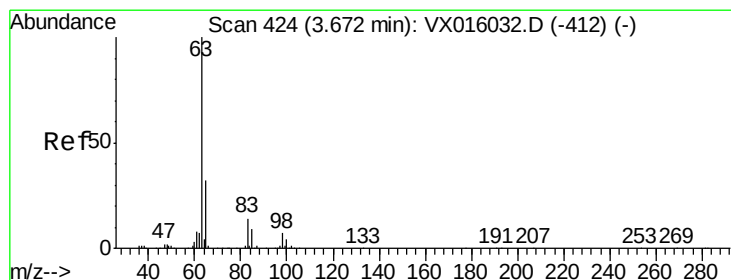
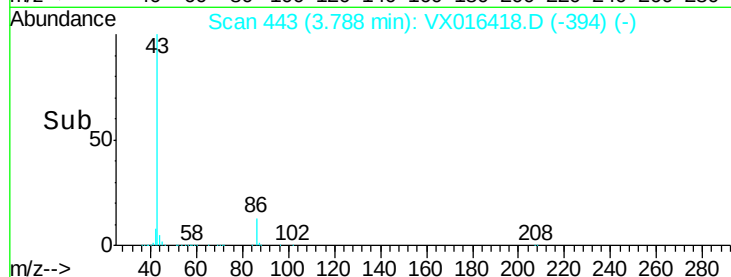
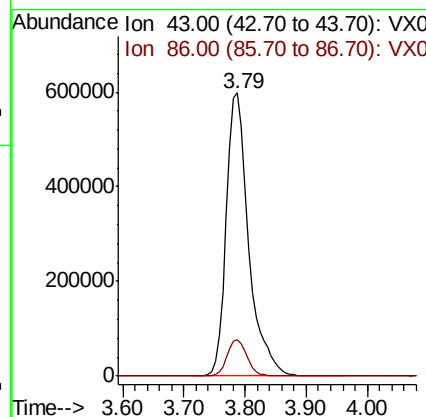
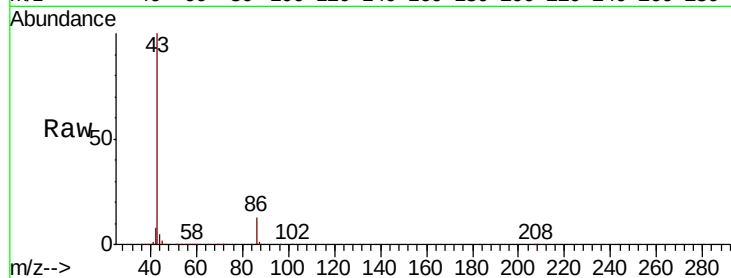
86 12.7 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 47.988 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

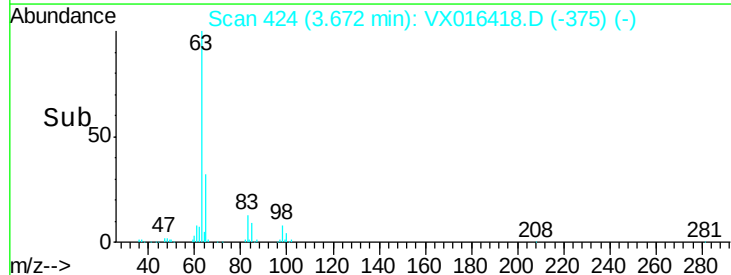
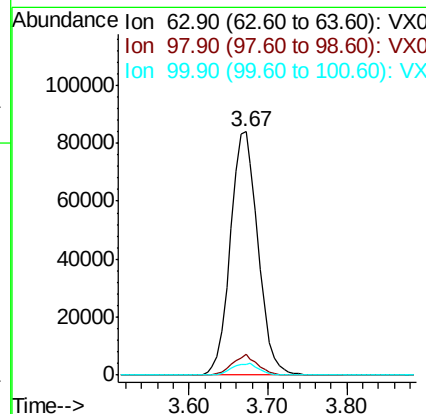
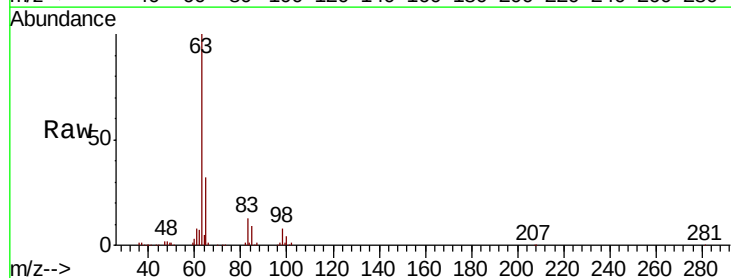
Tgt Ion: 63 Resp: 203668

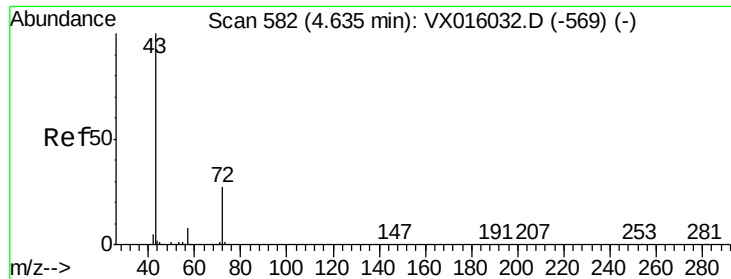
Ion Ratio Lower Upper

63 100

98 8.4 3.5 10.5

100 4.5 2.1 6.5





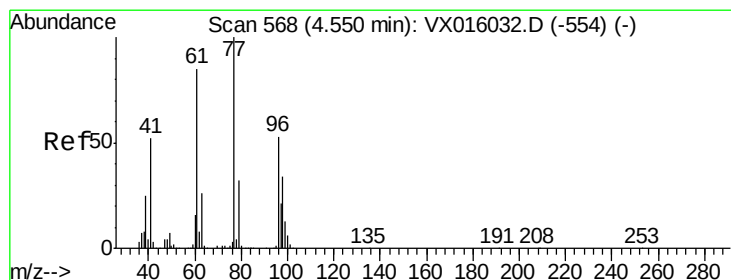
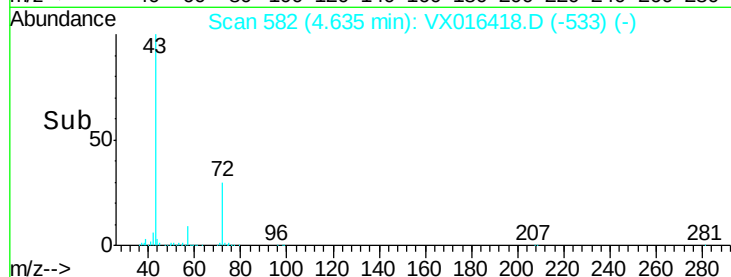
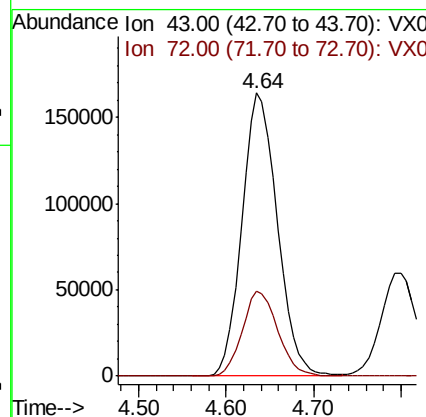
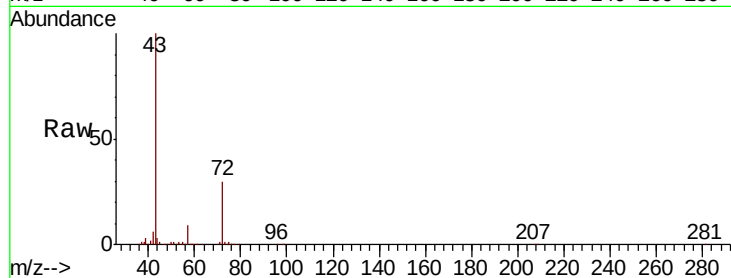
#25
2-Butanone
Concen: 230.029 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 459204
Ion Ratio Lower Upper
43 100
72 29.8 21.8 32.8

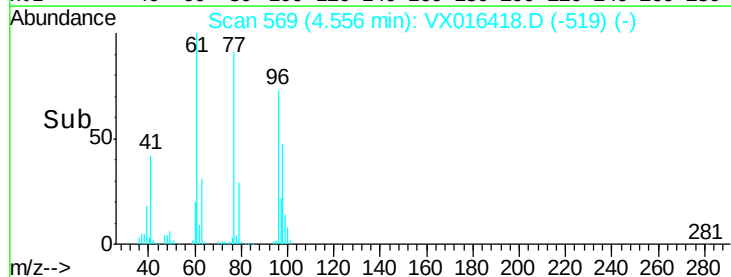
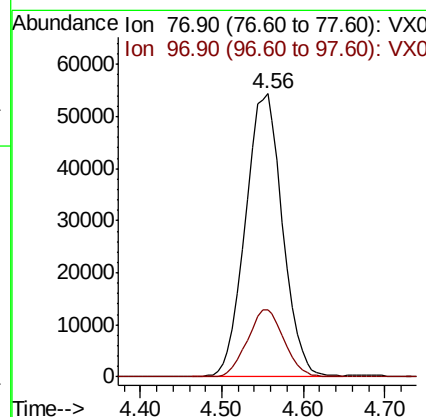
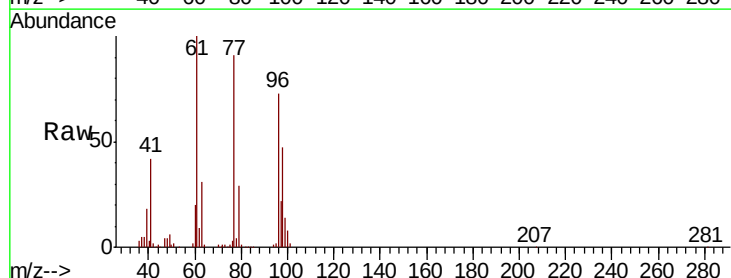
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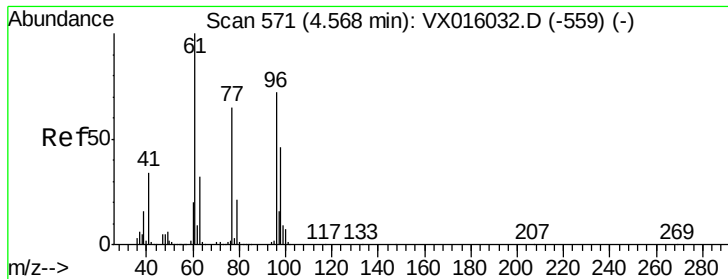
MMDadoda
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#26
2,2-Dichloropropane
Concen: 44.457 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion: 77 Resp: 172314
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





#27

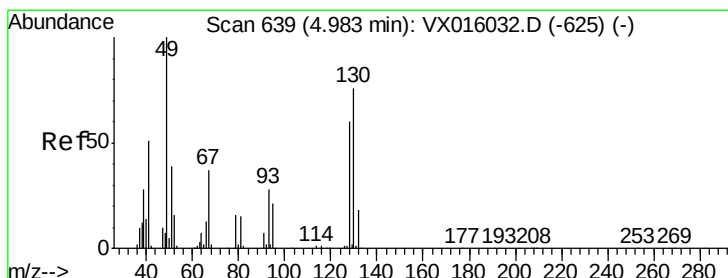
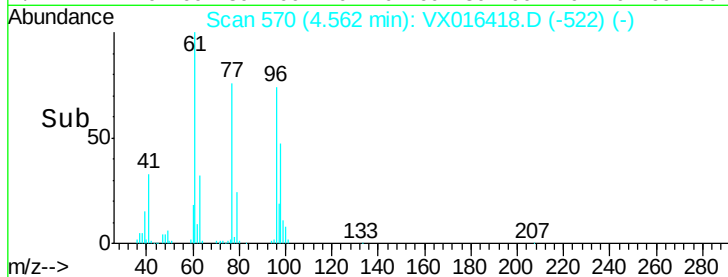
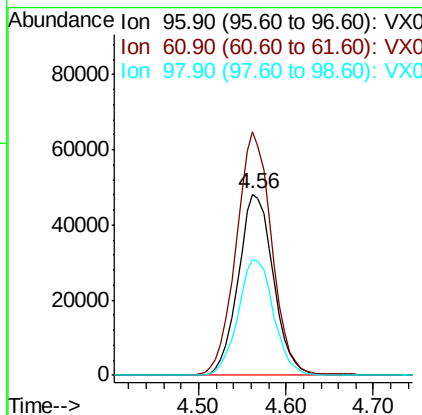
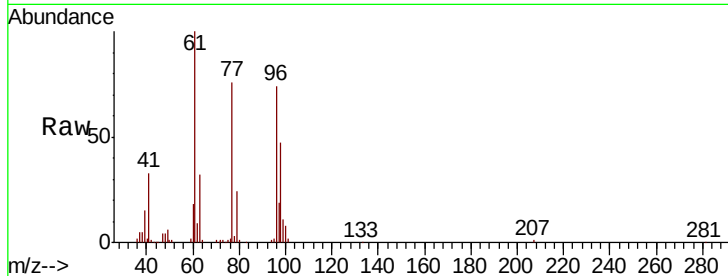
cis-1,2-Dichloroethene
Concen: 50.117 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	133917		
61	136.4	0.0	296.2	
98	64.6	0.0	129.4	

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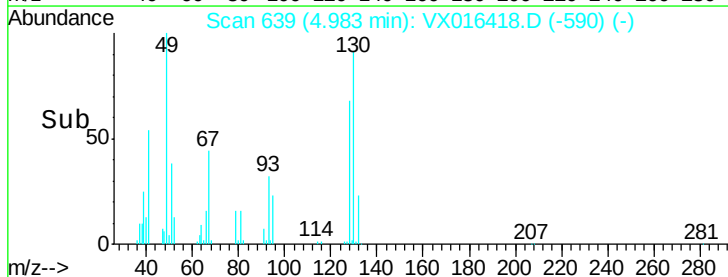
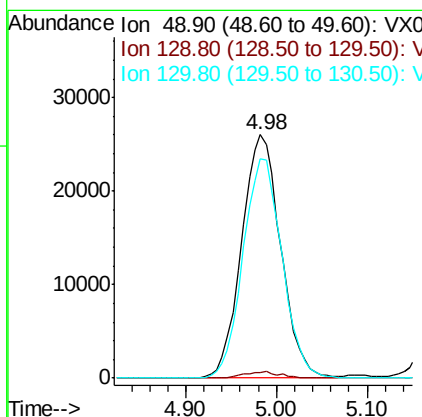
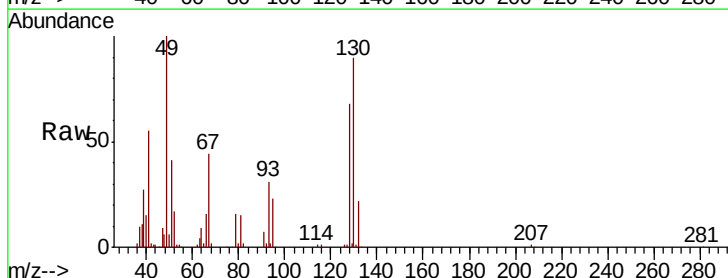
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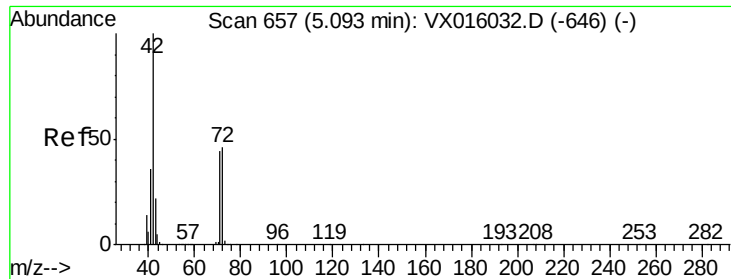


#28

Bromochloromethane
Concen: 40.103 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	77609		
129	2.4	0.0	4.0	
130	90.2	62.4	93.6	





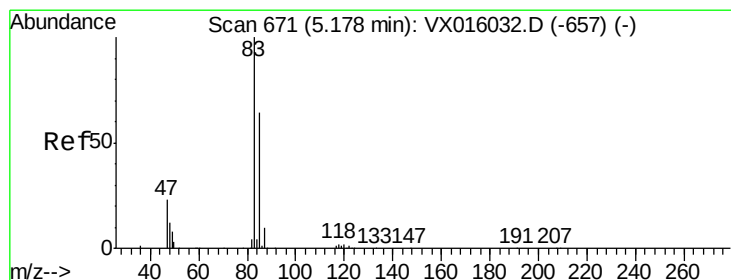
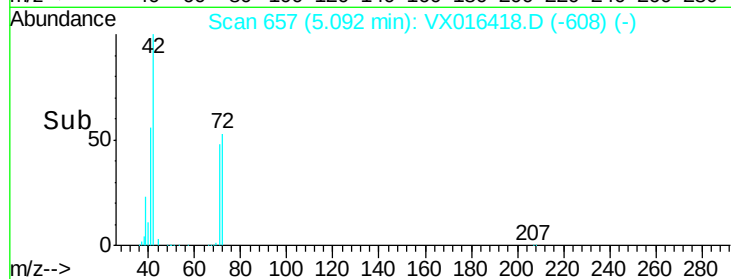
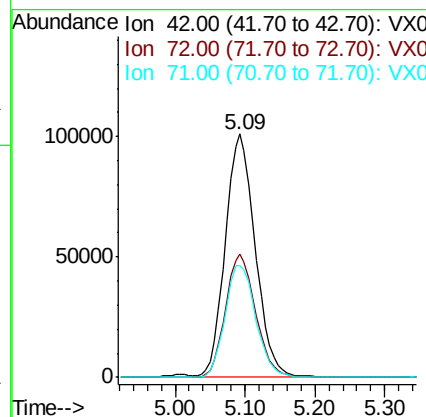
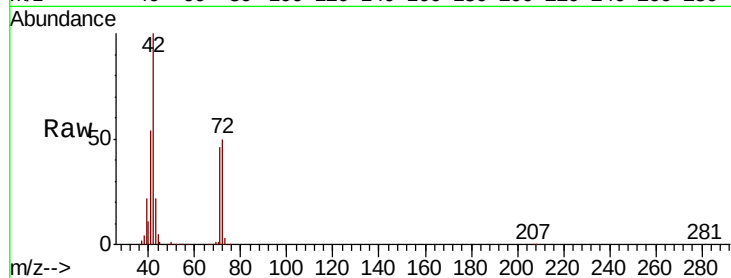
#29
Tetrahydrofuran
Concen: 226.509 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.4	37.1	55.7
71	47.7	34.5	51.7

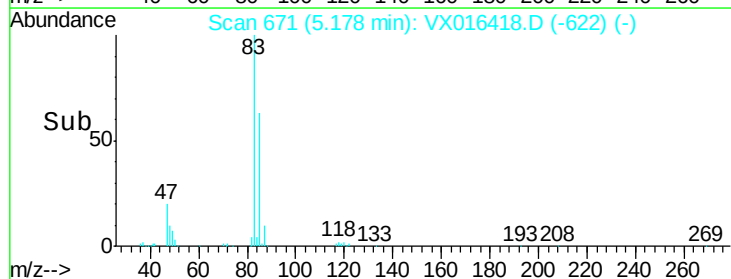
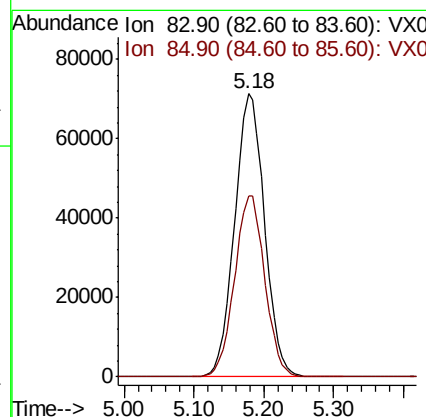
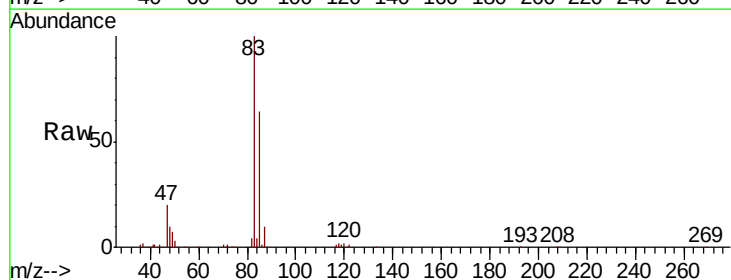
Manual Integrations
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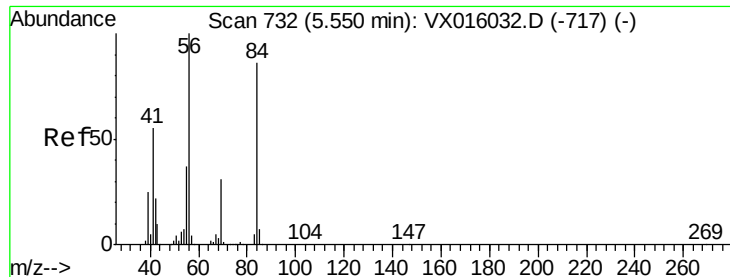
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#30
Chloroform
Concen: 50.080 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.6	77.4





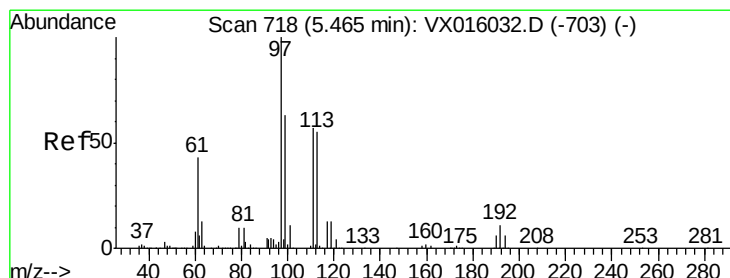
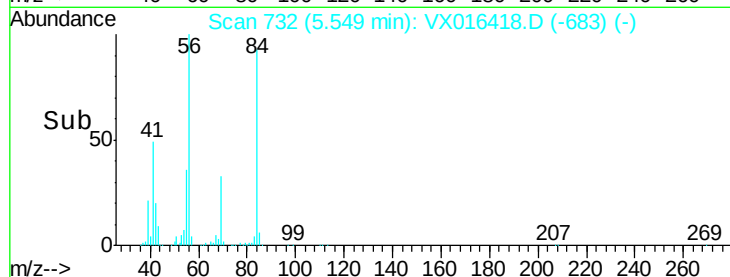
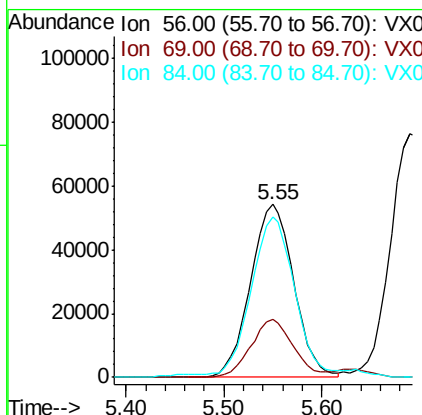
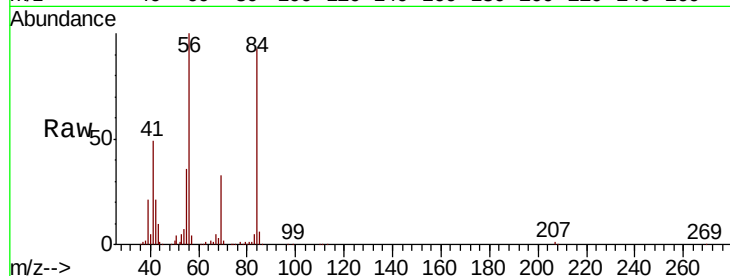
#31
Cyclohexane
Concen: 43.295 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.5	25.0	37.6
84	90.8	69.0	103.6

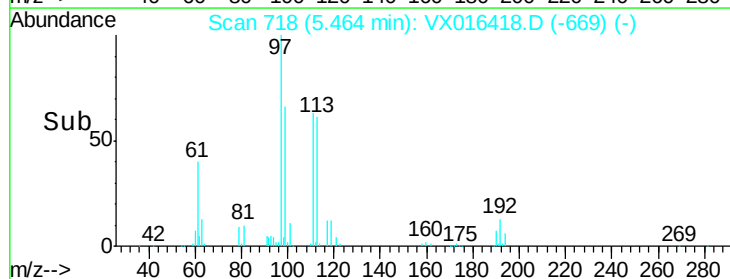
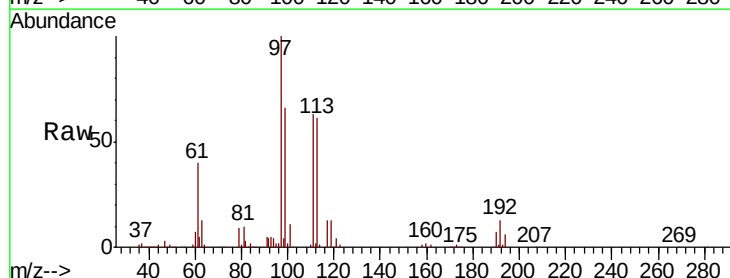
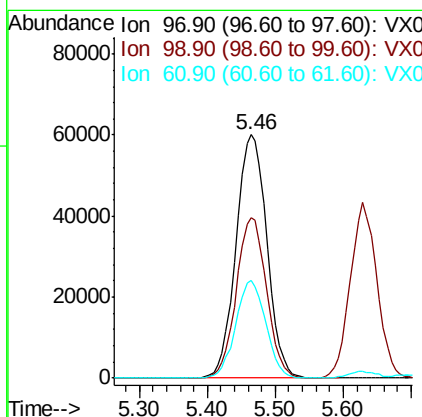
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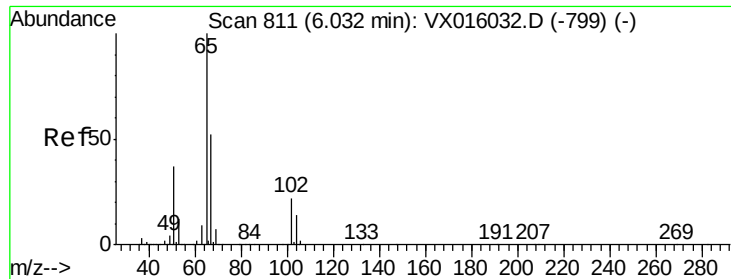
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#32
1,1,1-Trichloroethane
Concen: 49.292 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	39.3	34.5	51.7





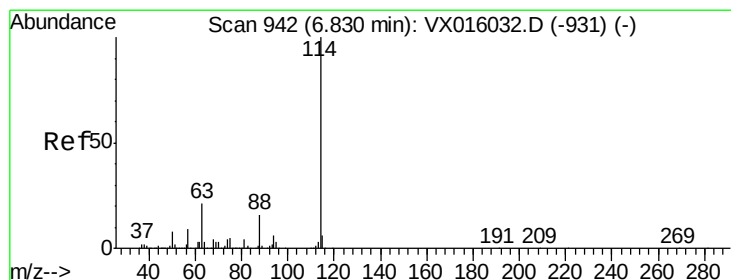
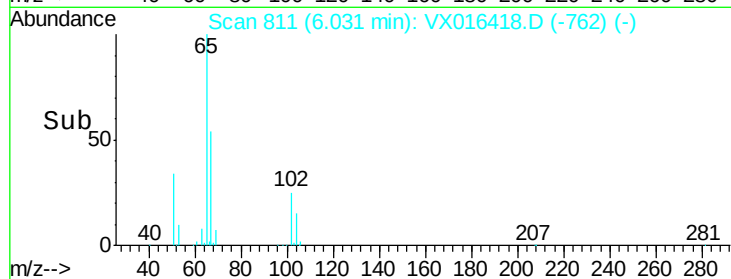
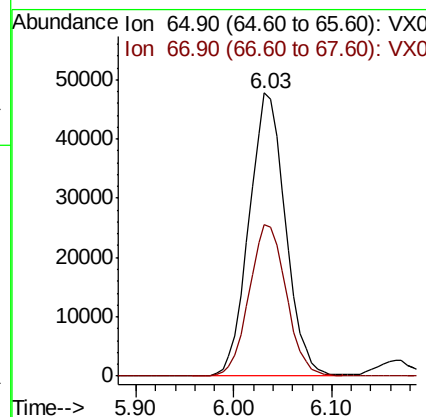
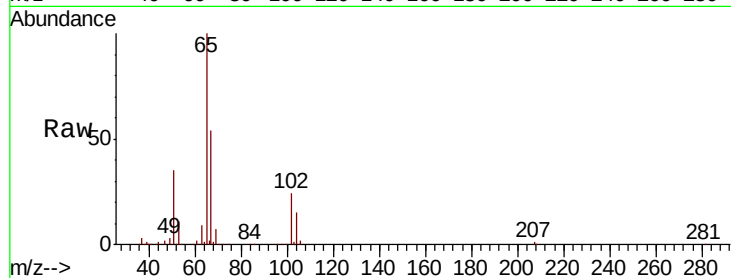
#33
 1,2-Dichloroethane-d4
 Concen: 44.583 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	104.8

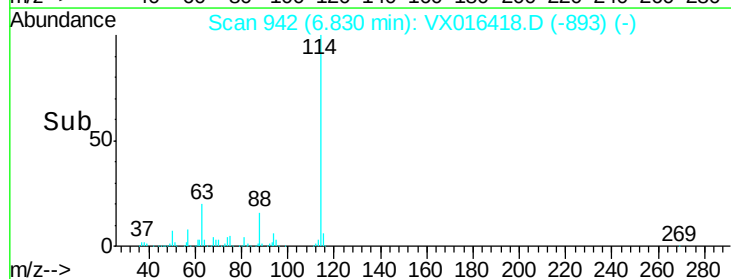
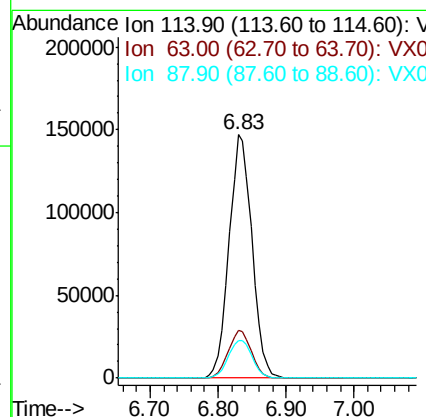
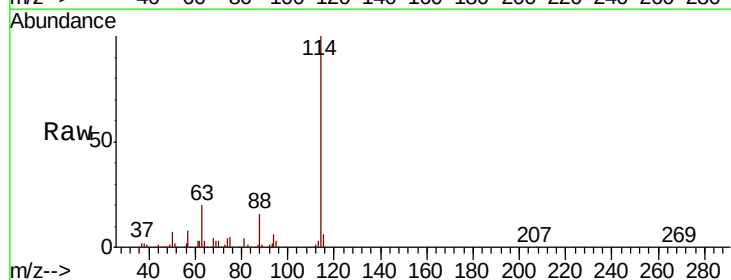
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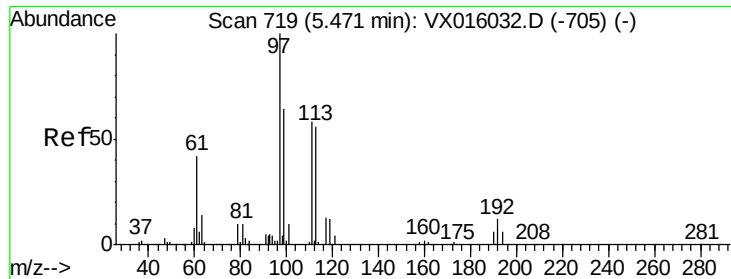
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.8
88	15.6	0.0	31.4





#35

Dibromofluoromethane

Concen: 49.204 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

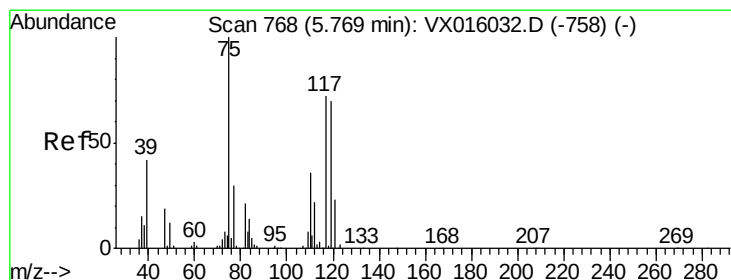
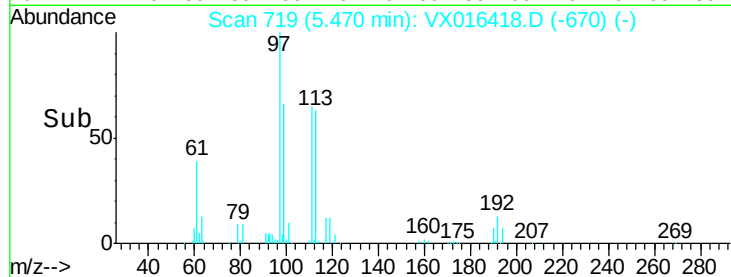
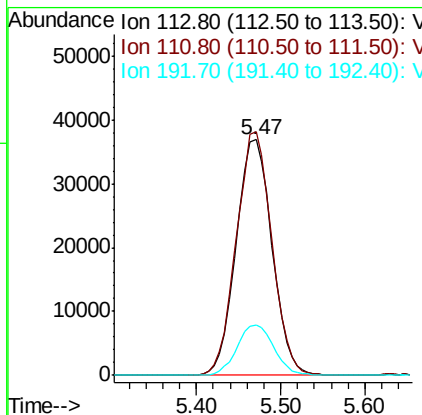
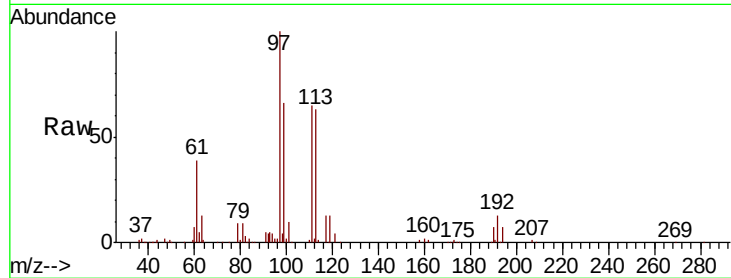
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	106751
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.6	122.4
192	21.7	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 45.869 ug/l

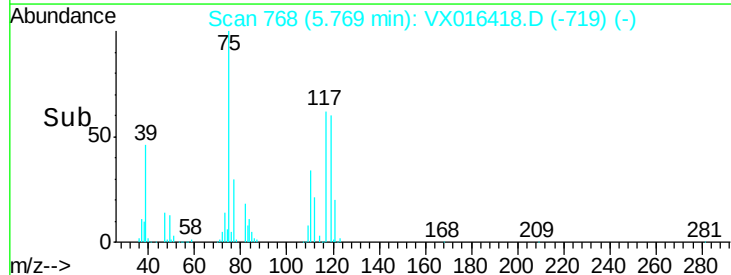
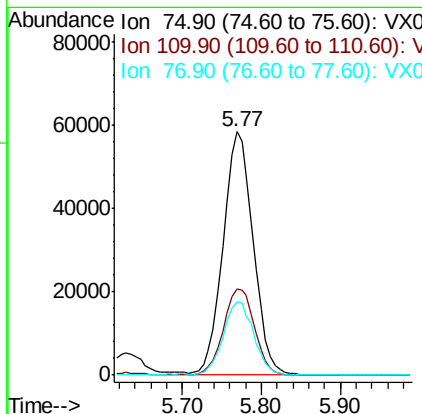
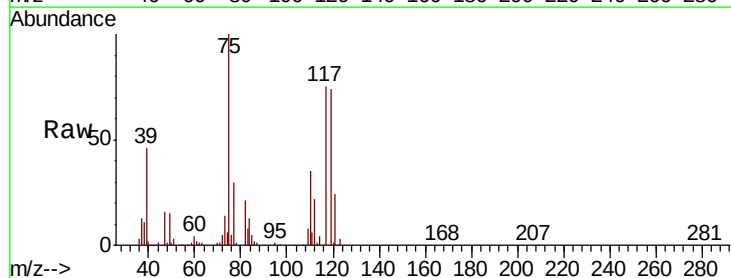
RT: 5.77 min Scan# 768

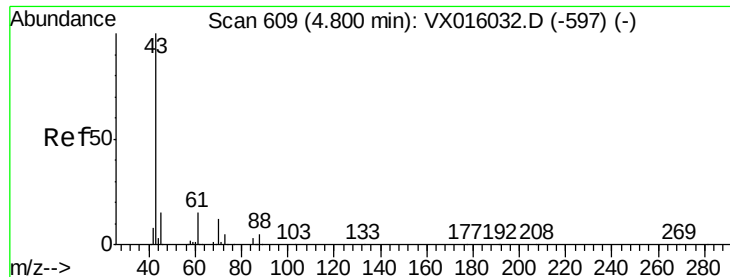
Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Tgt Ion:	75	Resp:	154622
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.1	54.1
77	30.8	25.0	37.6





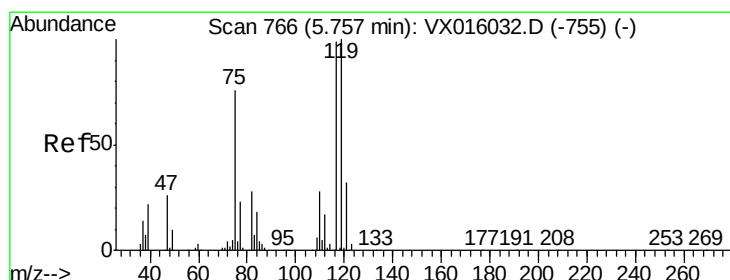
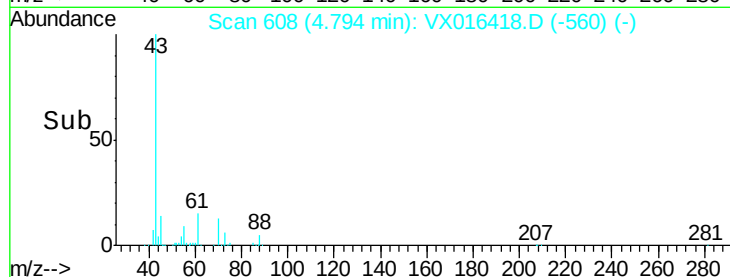
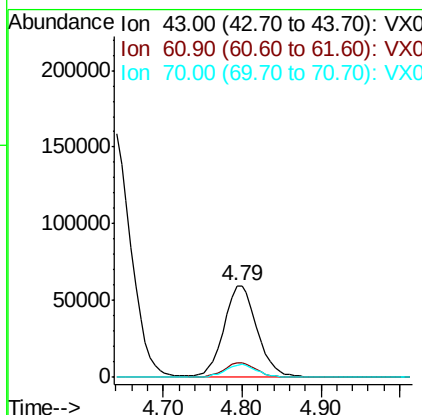
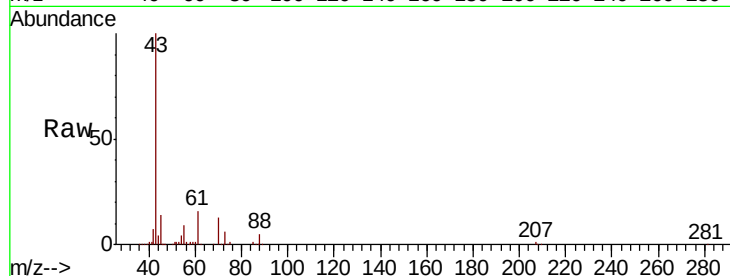
#37
Ethyl Acetate
Concen: 44.425 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	173570
Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.7	17.5
70	13.5	9.3	13.9

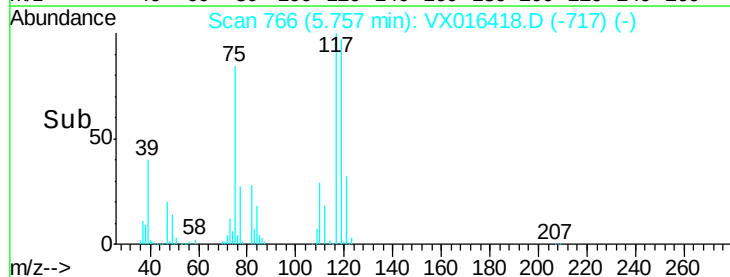
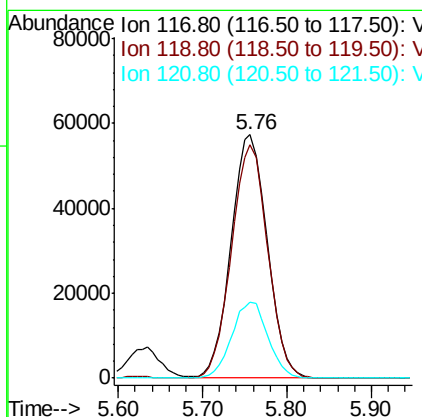
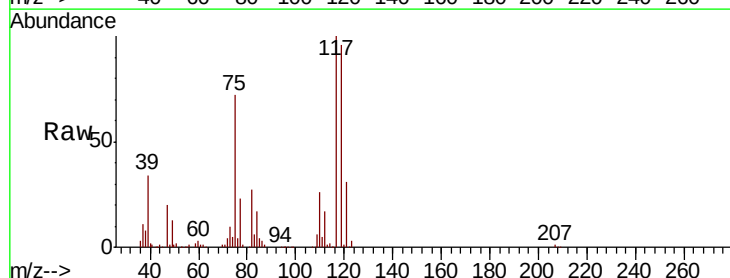
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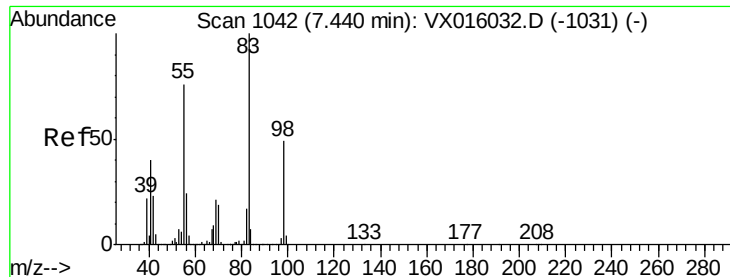
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#38
Carbon Tetrachloride
Concen: 48.761 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	117	Resp	167070
Ion	Ratio	Lower	Upper
117	100		
119	95.9	80.3	120.5
121	31.3	25.7	38.5





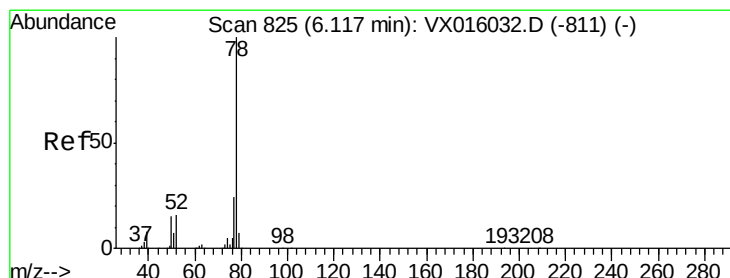
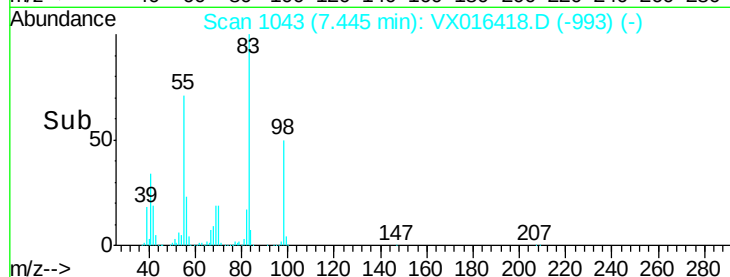
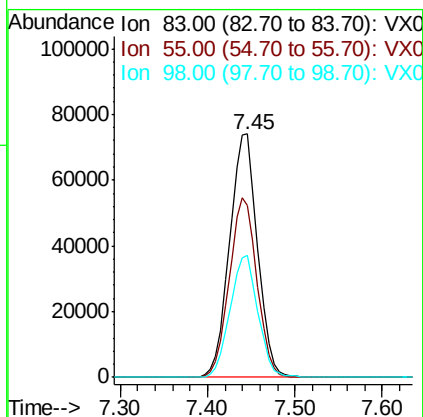
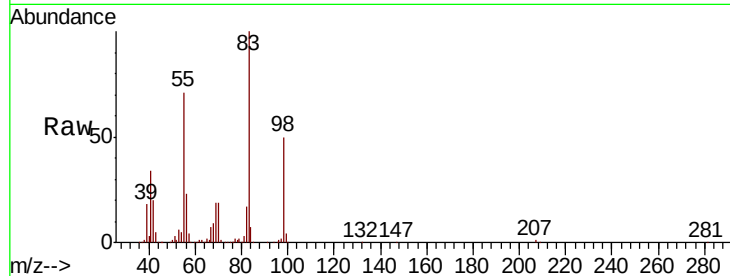
#39
Methylvlcyclohexane
Concen: 40.479 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.5	61.1	91.7
98	50.3	39.0	58.4

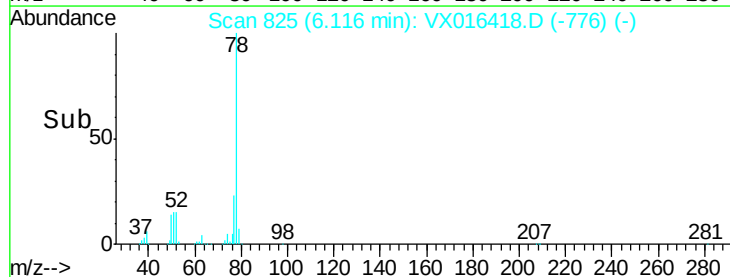
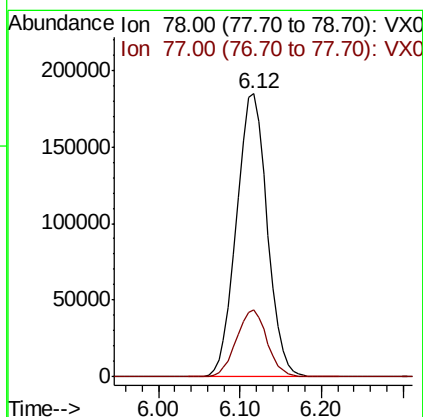
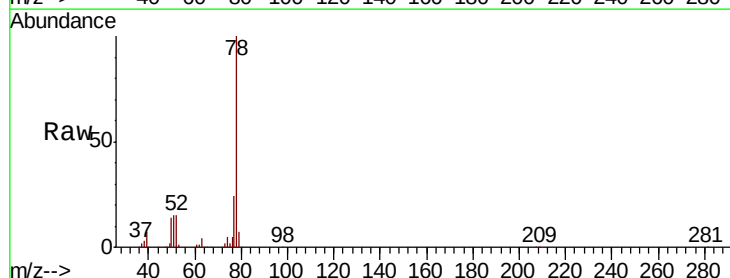
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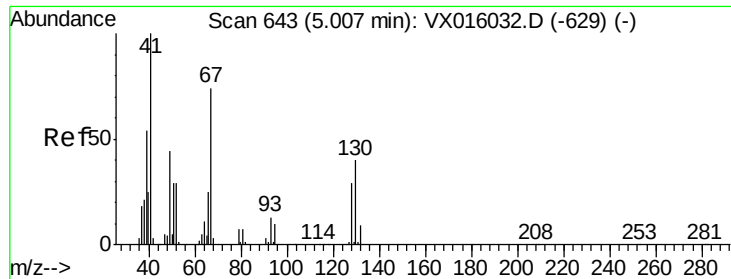
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#40
Benzene
Concen: 48.974 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





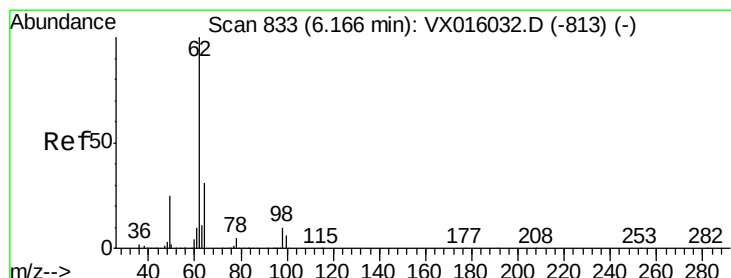
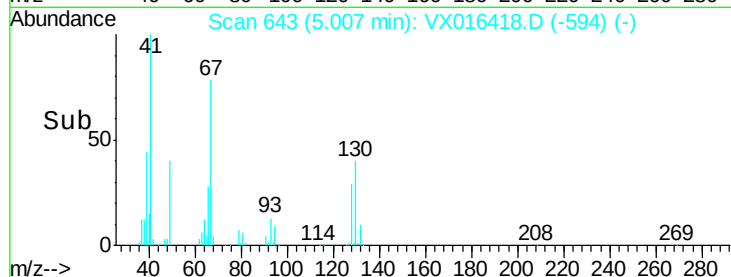
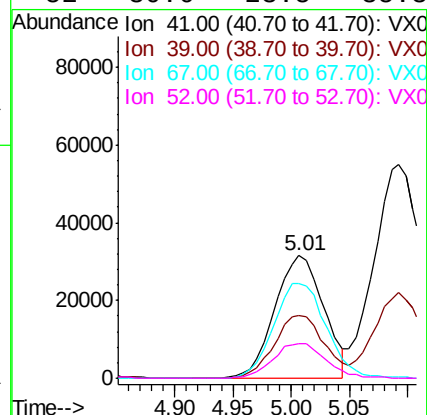
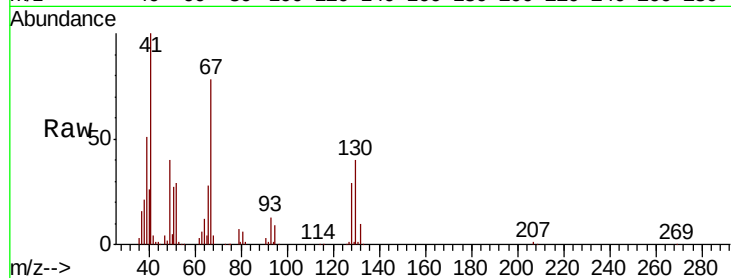
#41
Methacrylonitrile
Concen: 43.446 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	43.2	64.8	
67	83.7	59.3	88.9	
52	30.6	23.5	35.3	

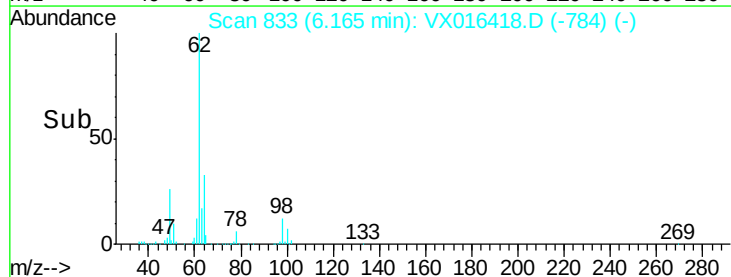
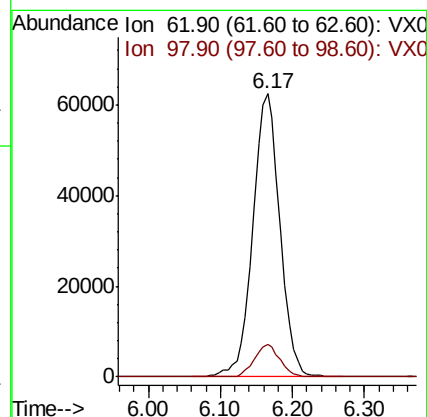
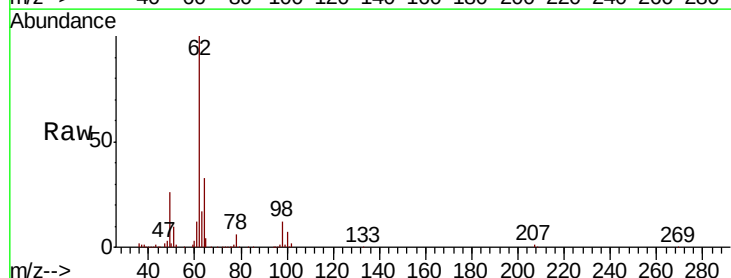
Manual Integrations
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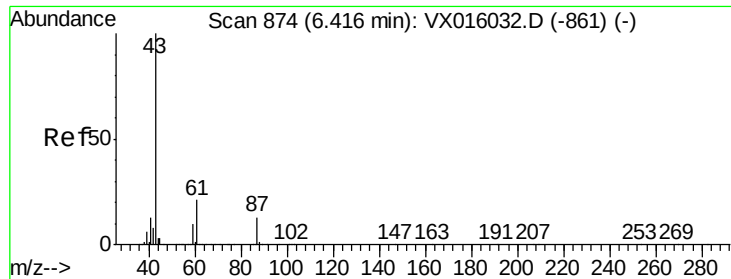
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#42
1,2-Dichloroethane
Concen: 45.832 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.8	0.0	19.4	





#43

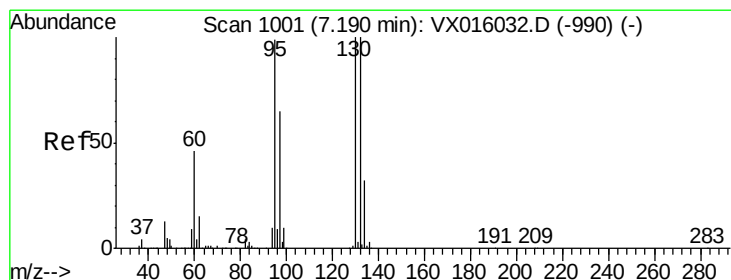
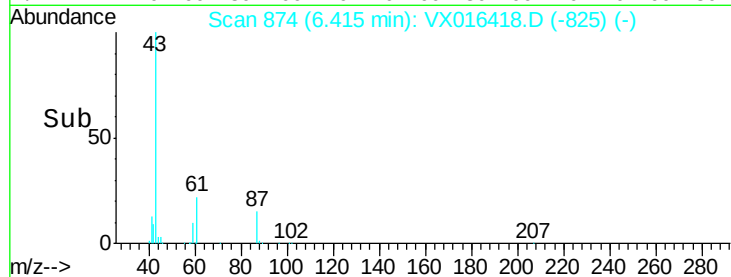
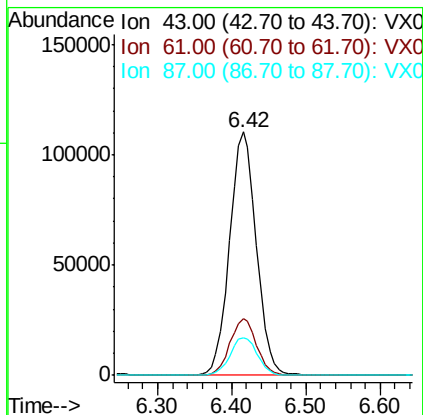
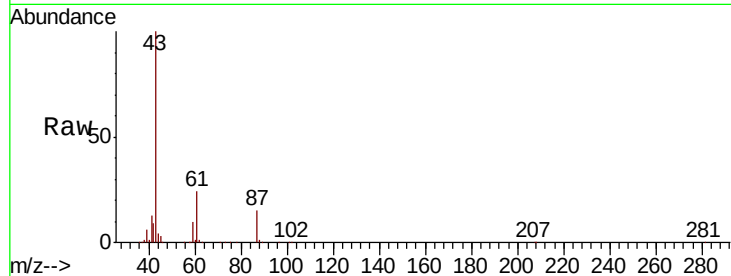
Isopropyl Acetate
 Concen: 44.219 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.3	17.0	25.4
87	15.9	11.0	16.6

Manual Integrations
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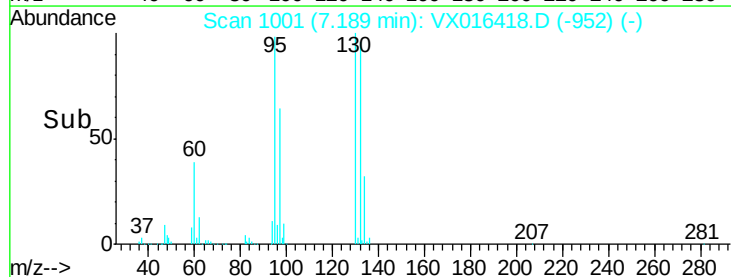
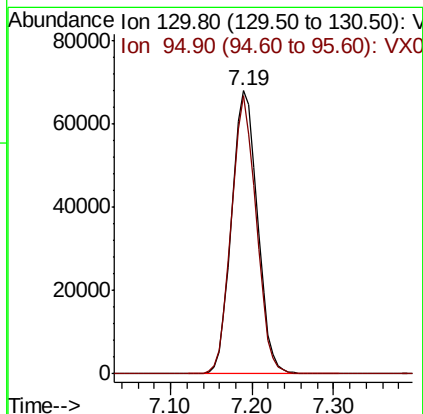
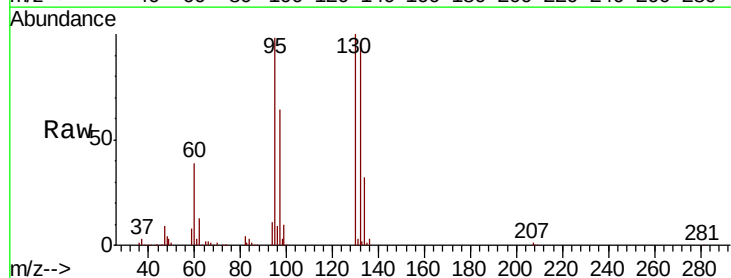
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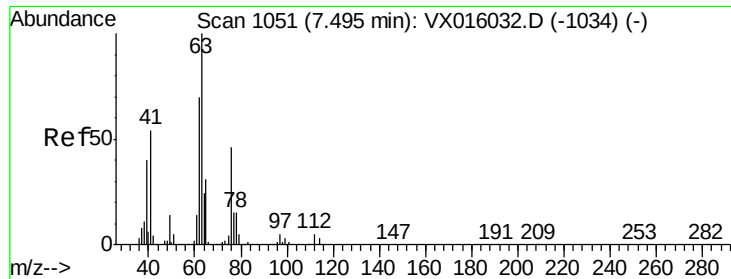


#44

Trichloroethene
 Concen: 42.293 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	197.4





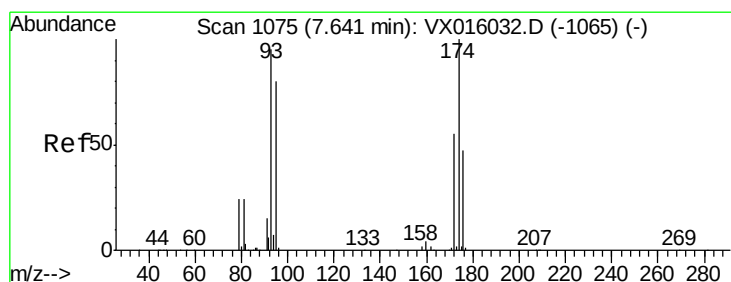
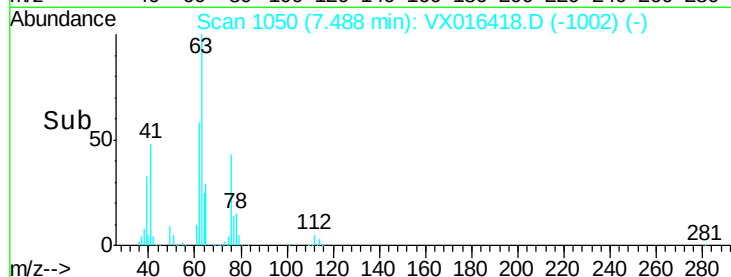
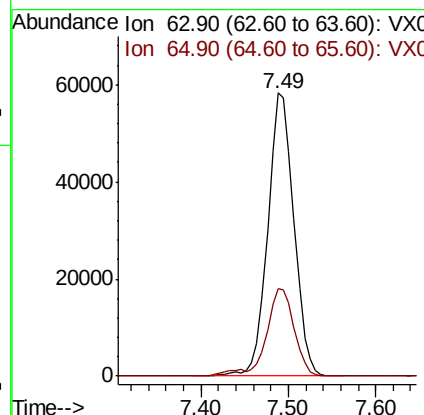
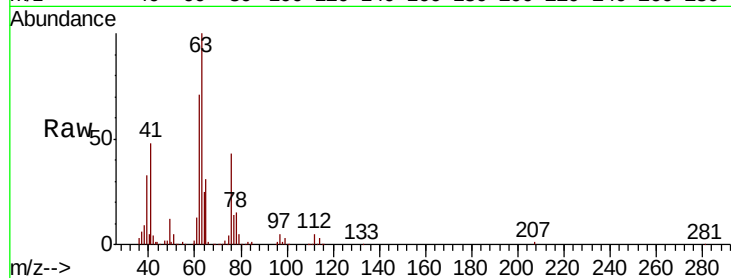
#45
 1,2-Dichloropropane
 Concen: 48.641 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.4	36.6

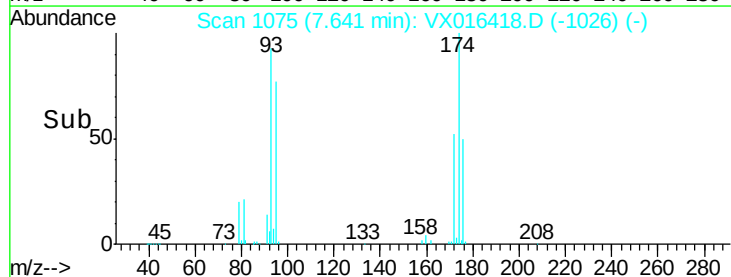
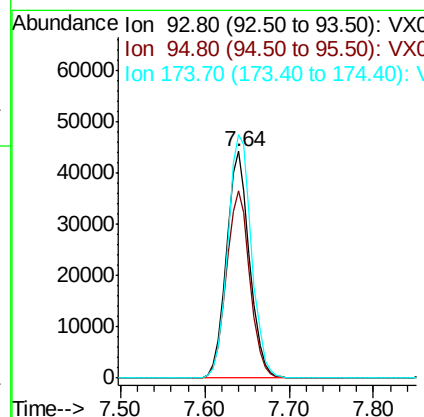
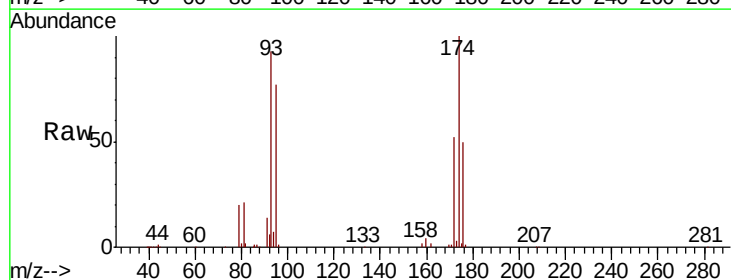
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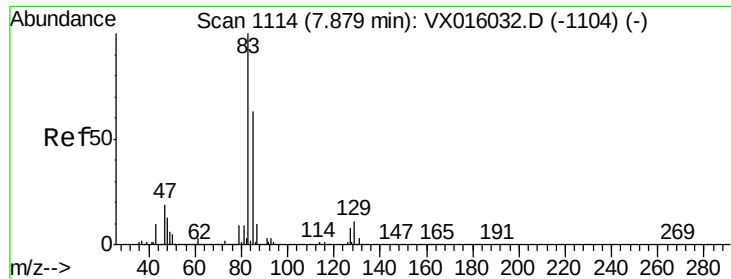
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#46
 Dibromomethane
 Concen: 49.043 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	66.6	100.0
174	110.4	84.2	126.4





#47

Bromodichloromethane

Concen: 50.122 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

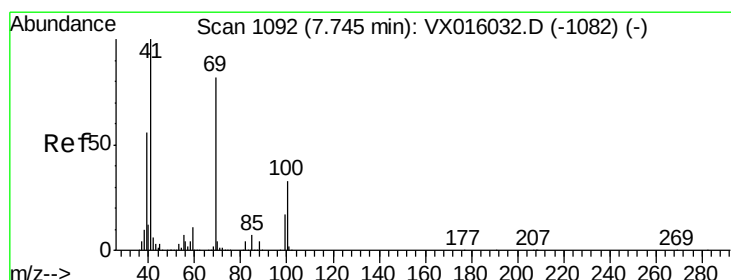
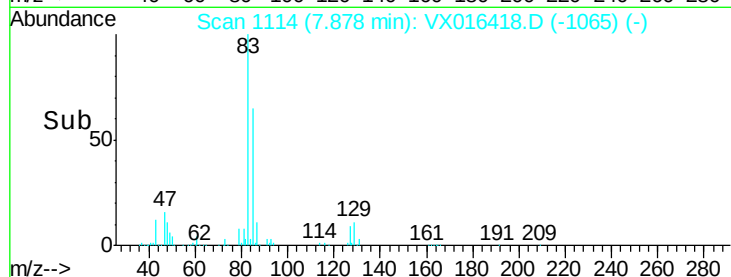
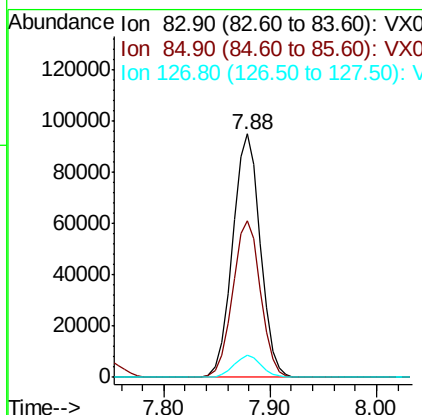
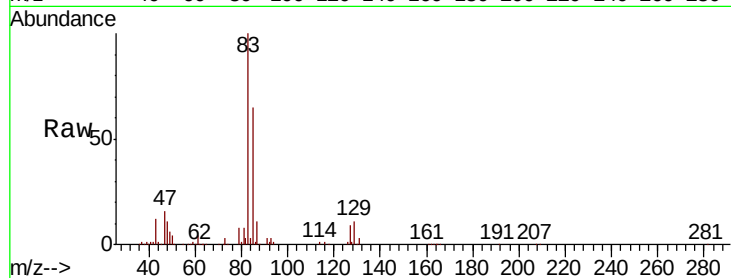
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	173130
Ion Ratio	Lower	Upper	
83	100		
85	64.5	50.5	75.7
127	9.2	6.7	10.1

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#48

Methyl methacrylate

Concen: 44.422 ug/l

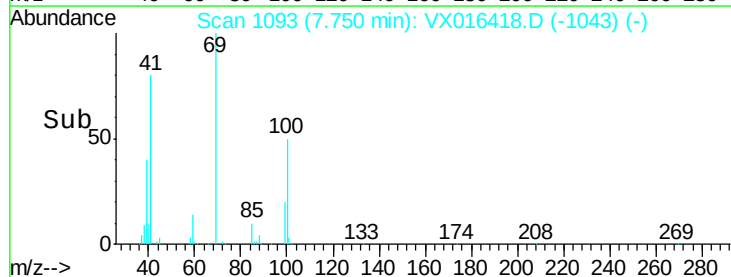
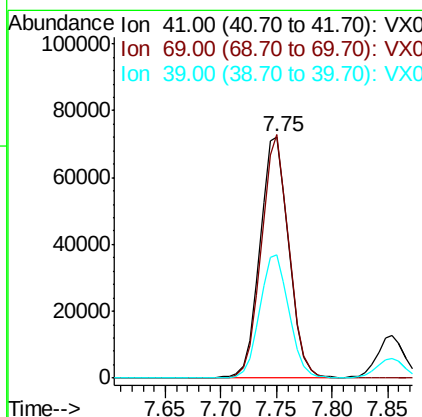
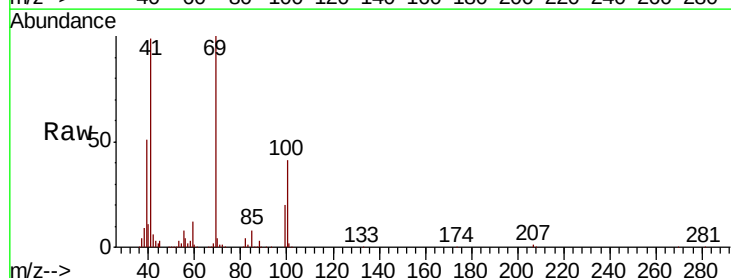
RT: 7.75 min Scan# 1093

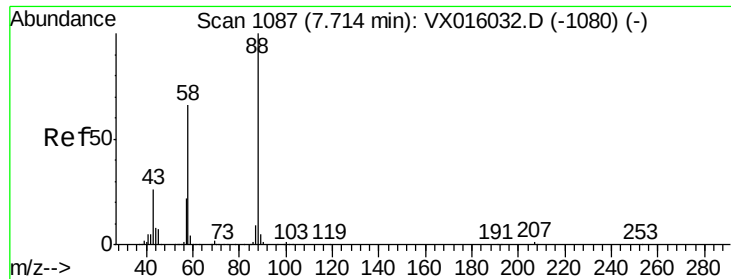
Delta R.T. 0.01 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Tgt Ion:	41	Resp:	131217
Ion Ratio	Lower	Upper	
41	100		
69	96.0	67.8	101.6
39	51.3	44.6	67.0





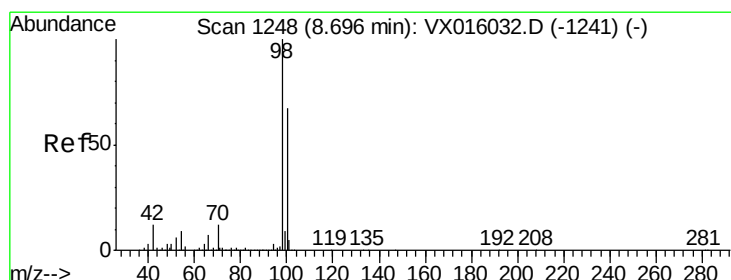
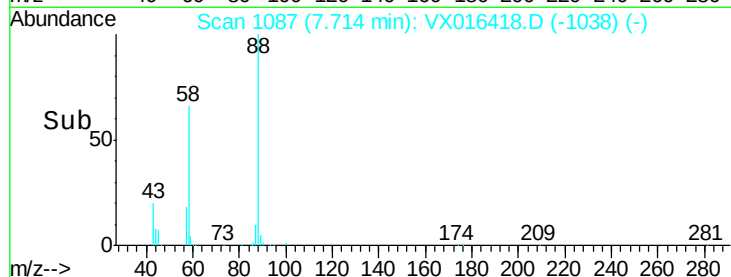
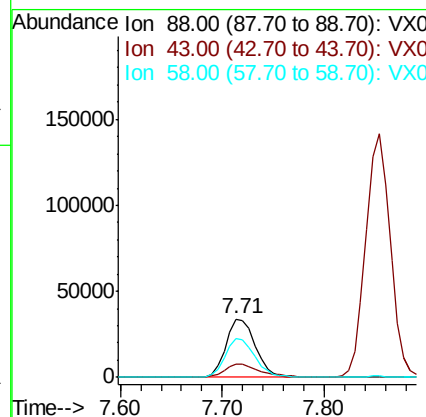
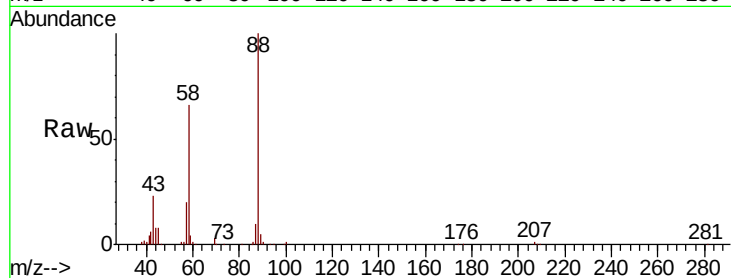
#49
1,4-Dioxane
Concen: 957.766 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.0	25.3	37.9
58	67.9	55.9	83.9

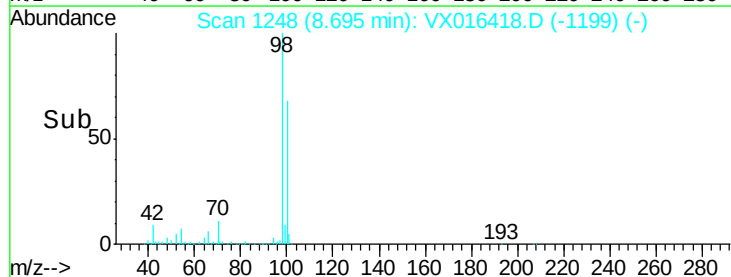
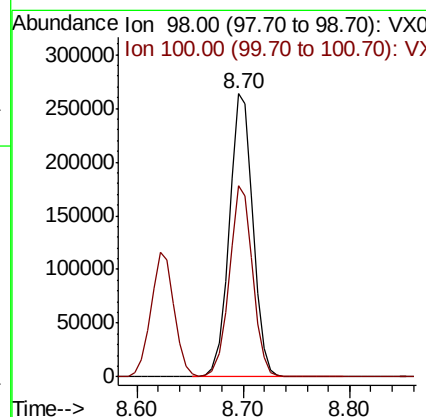
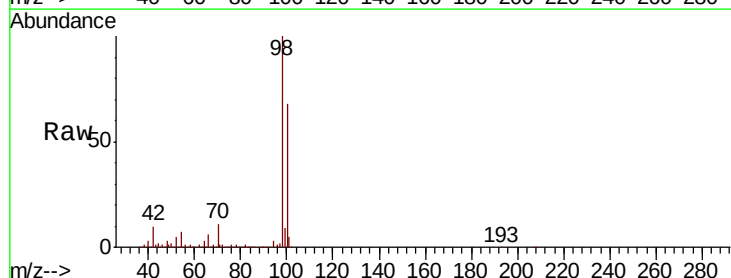
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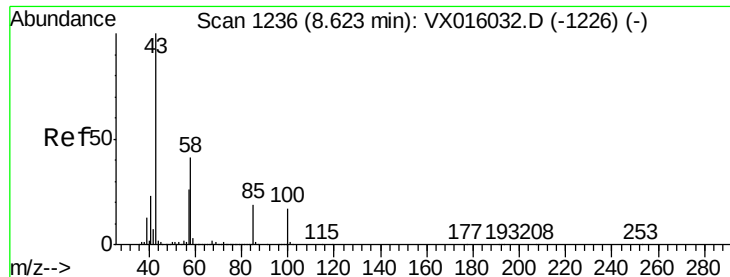
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#50
Toluene-d8
Concen: 48.770 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.7	80.5





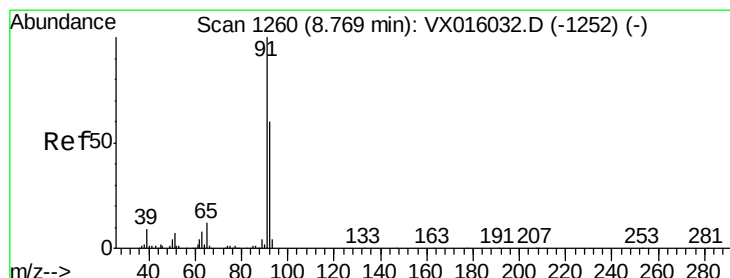
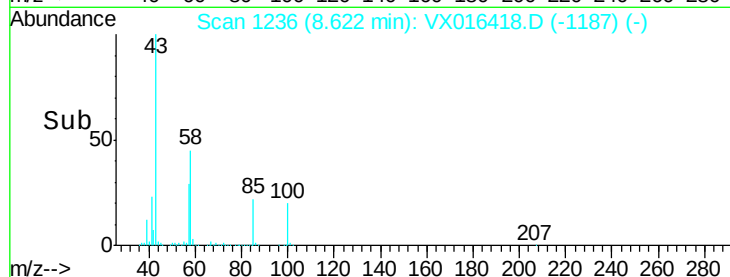
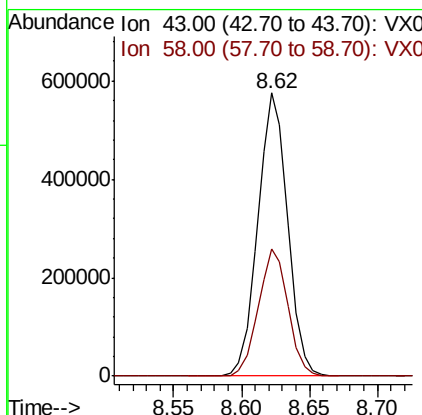
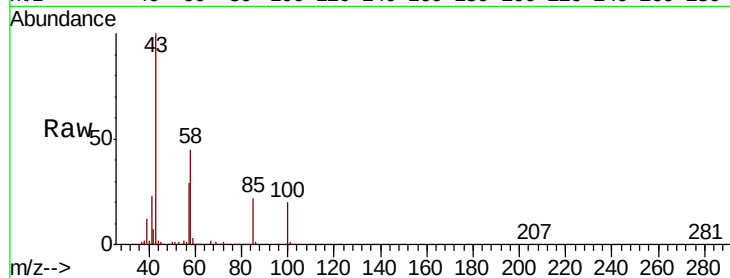
#51
4-Methyl-2-Pentanone
Concen: 231.830 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.7	33.0	49.4

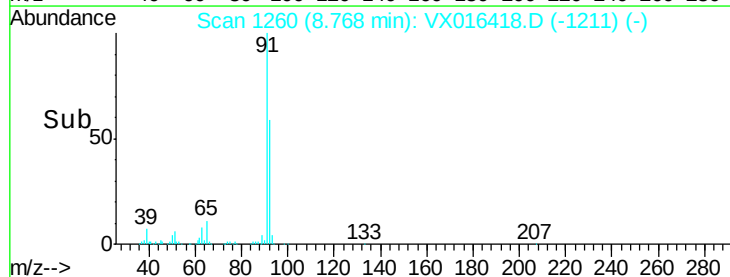
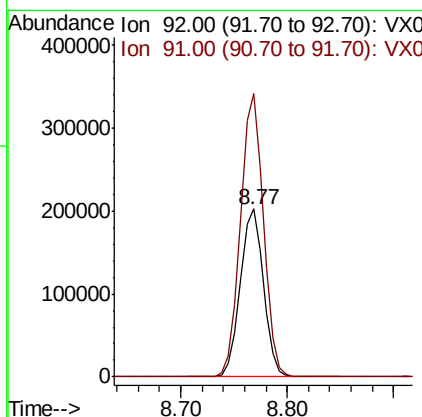
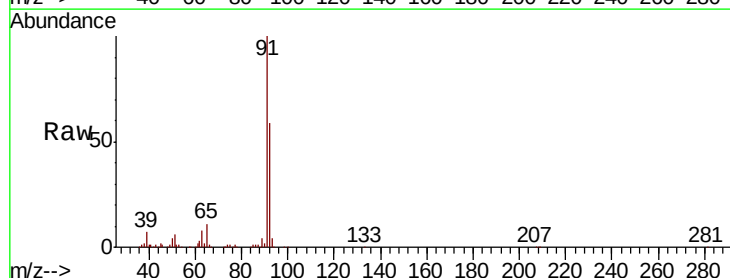
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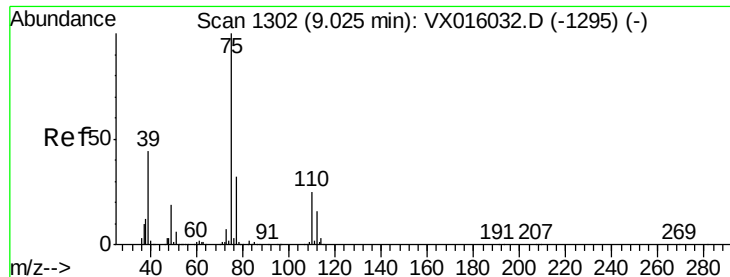
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#52
Toluene
Concen: 50.465 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.3	134.5	201.7





#53

t-1,3-Dichloropropene

Concen: 48.423 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 199428

Ion Ratio Lower Upper

75 100

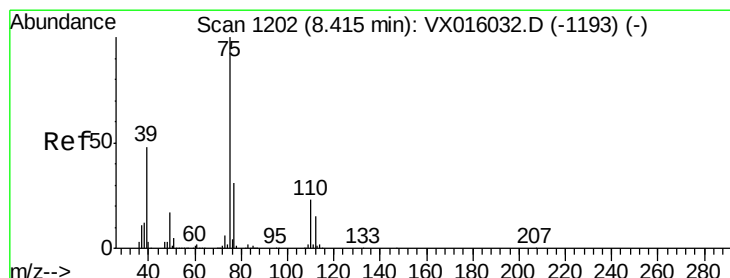
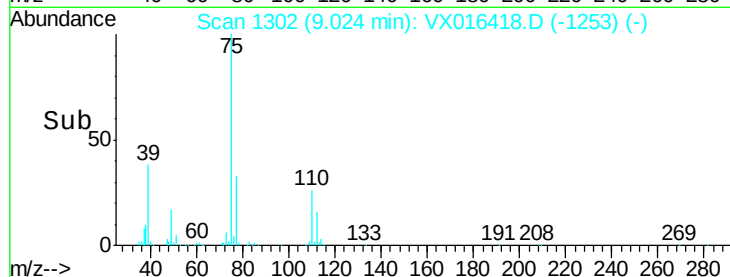
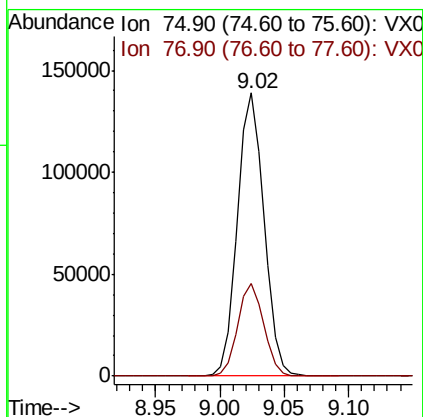
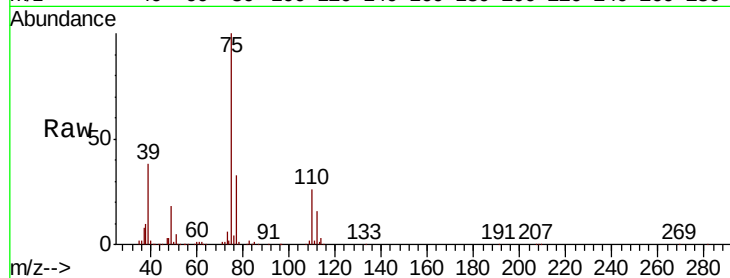
77 32.8 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 49.367 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

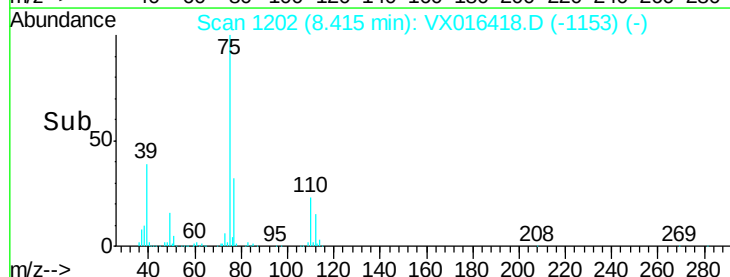
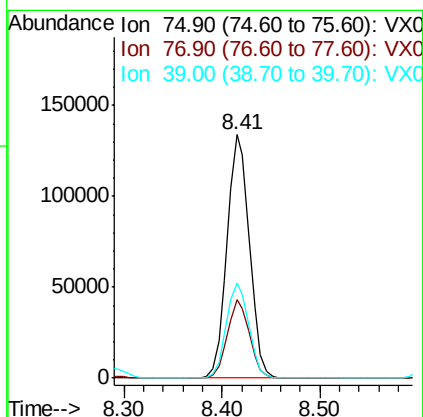
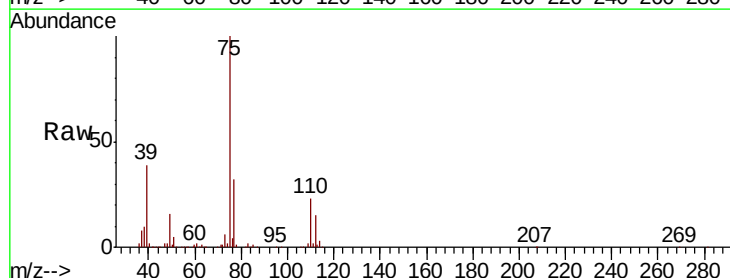
Tgt Ion: 75 Resp: 212364

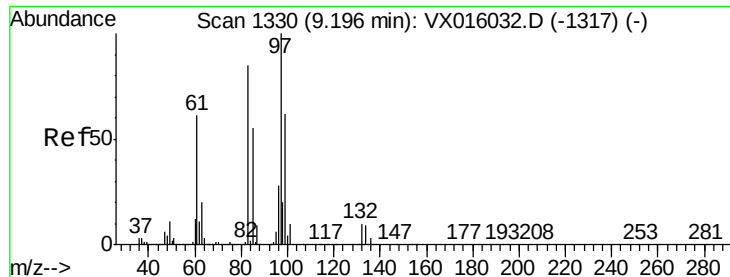
Ion Ratio Lower Upper

75 100

77 32.4 24.7 37.1

39 39.2 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 52.803 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

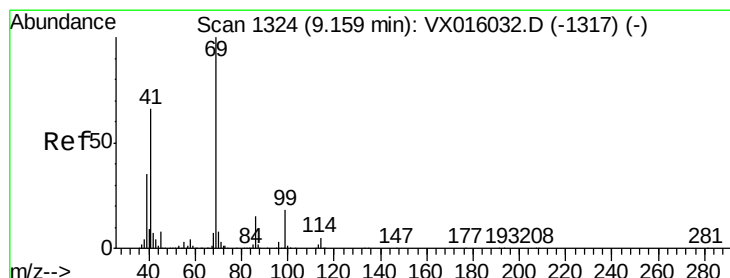
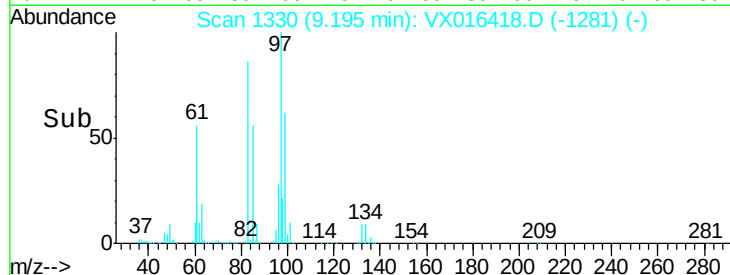
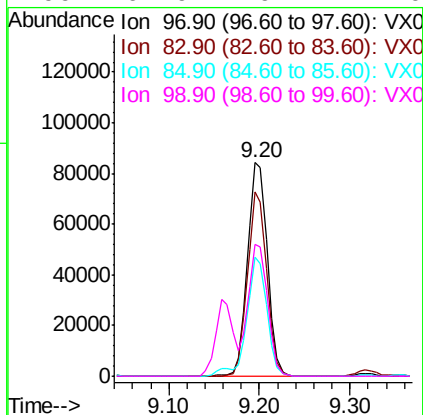
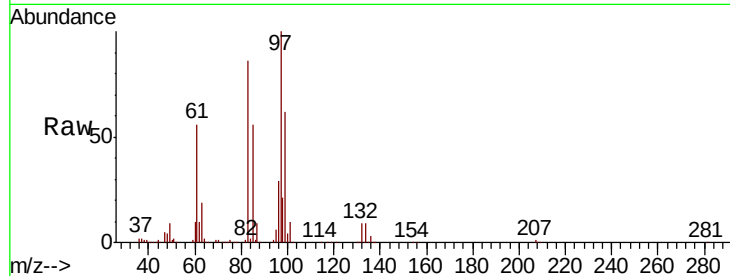
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		127720		
83	86.1	67.8	101.8		
85	55.8	43.8	65.8		
99	61.9	49.4	74.0		

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#56

Ethyl methacrylate

Concen: 51.379 ug/l

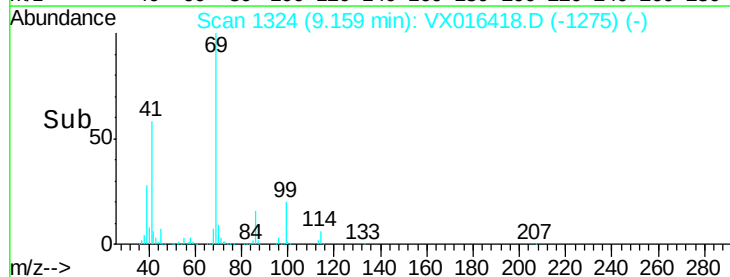
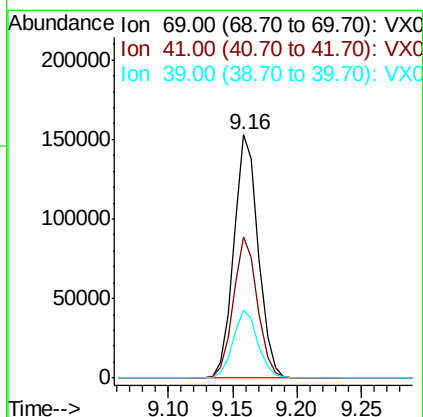
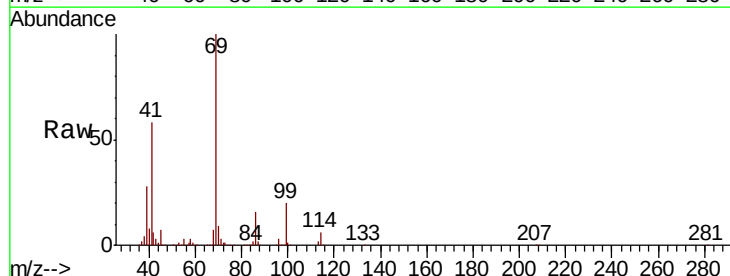
RT: 9.16 min Scan# 1324

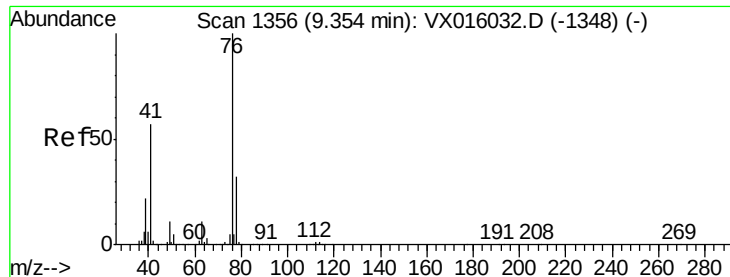
Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		202856		
41	57.1	52.2	78.4		
39	28.6	28.2	42.4		





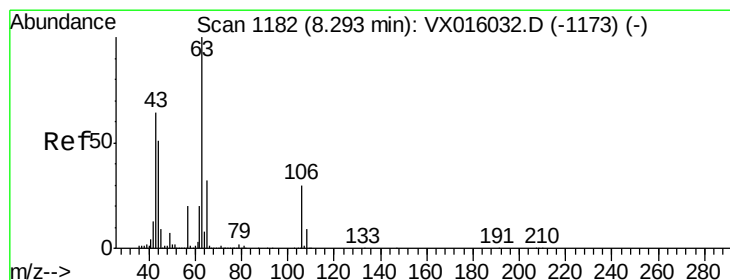
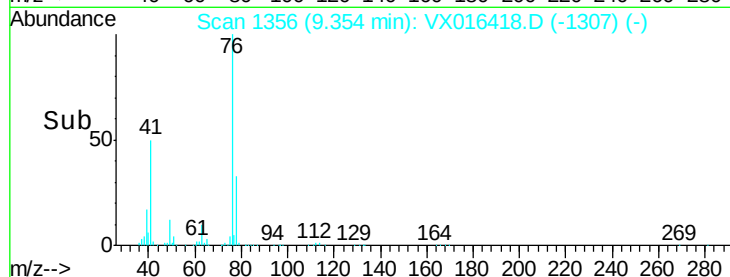
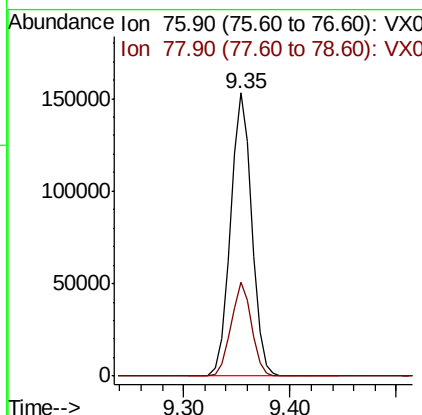
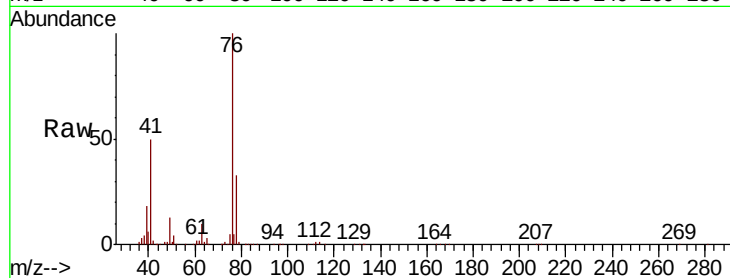
#57
 1,3-Dichloropropane
 Concen: 50.782 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9

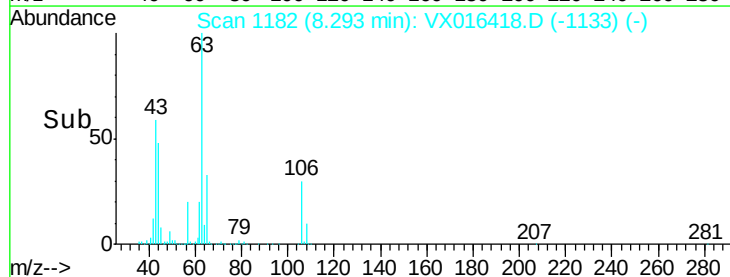
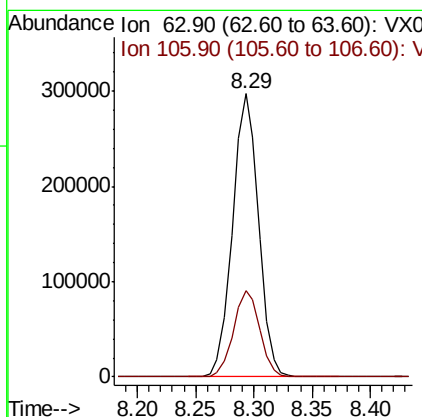
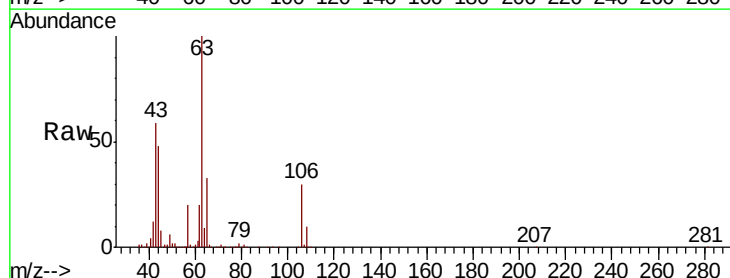
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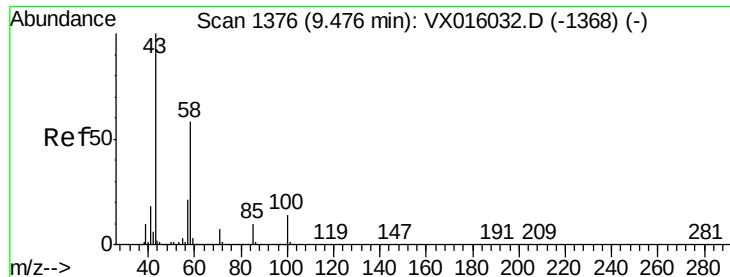
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#58
 2-Chloroethyl Vinyl ether
 Concen: 219.766 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	23.4	35.2





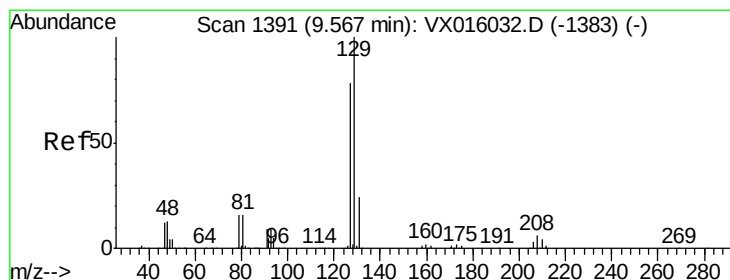
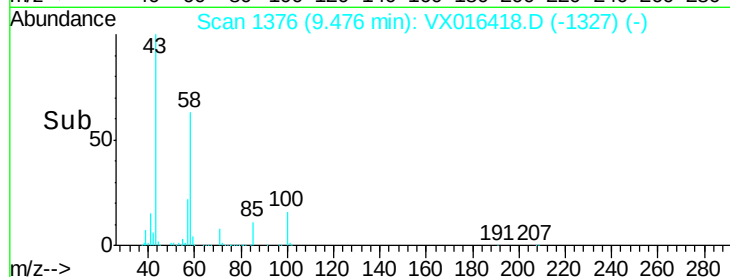
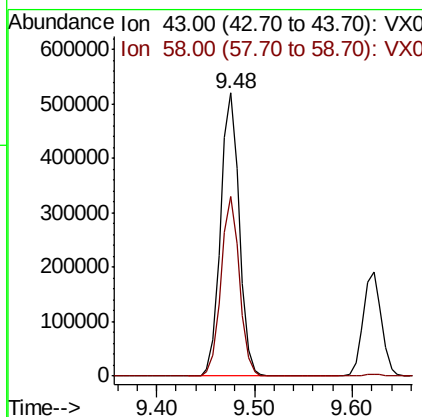
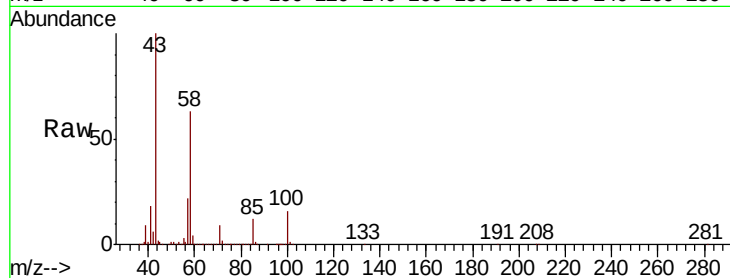
#59
2-Hexanone
Concen: 230.491 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 690497
Ion Ratio Lower Upper
43 100
58 62.4 28.6 85.9

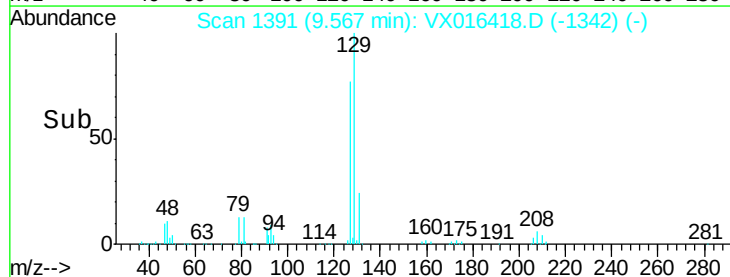
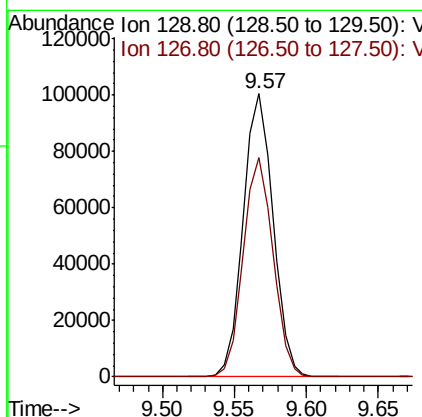
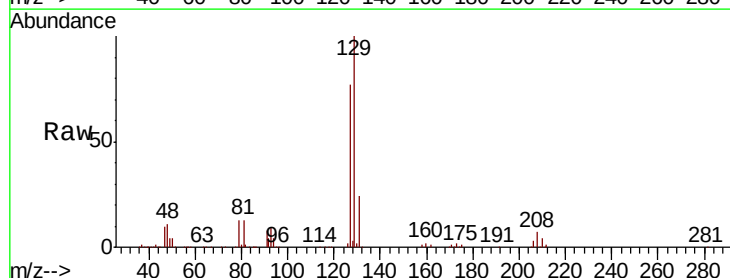
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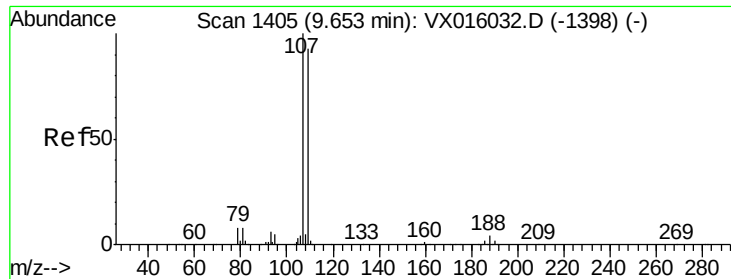
MMDadoda
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#60
Dibromochloromethane
Concen: 54.317 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion: 129 Resp: 144697
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





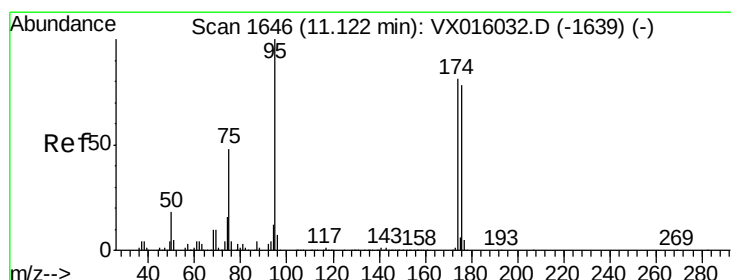
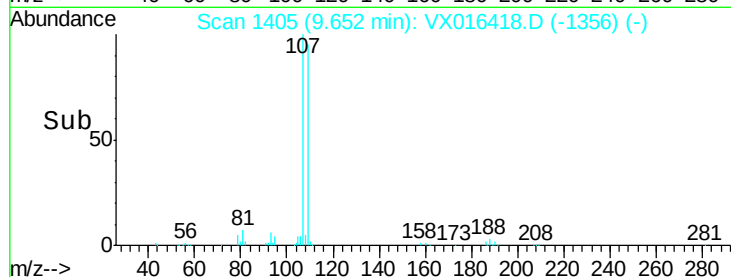
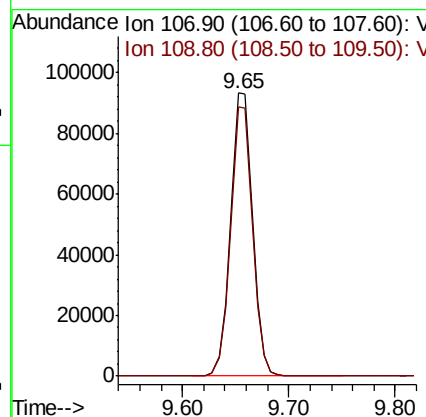
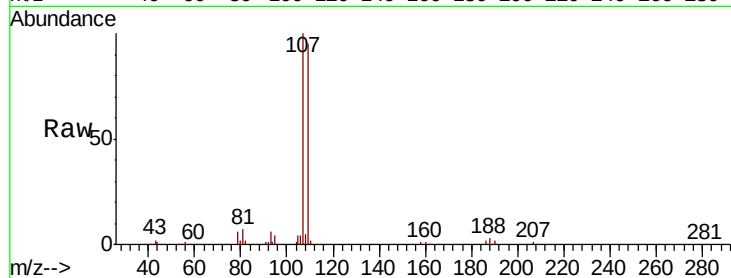
#61
 1,2-Dibromoethane
 Concen: 51.952 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	74.9	112.3

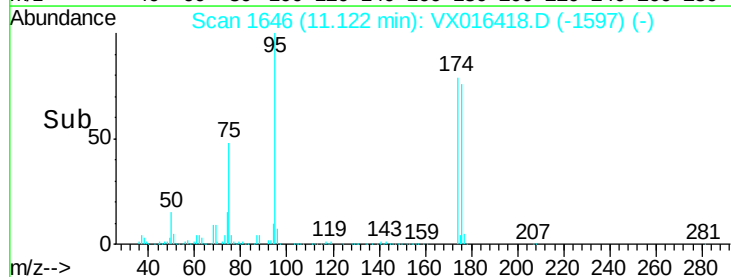
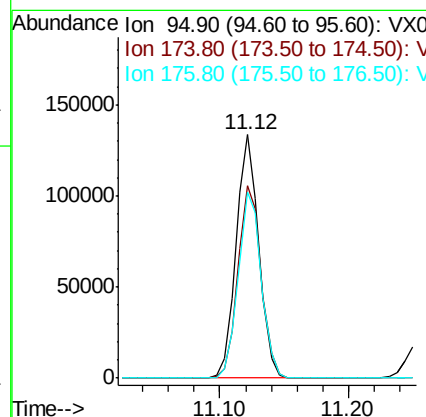
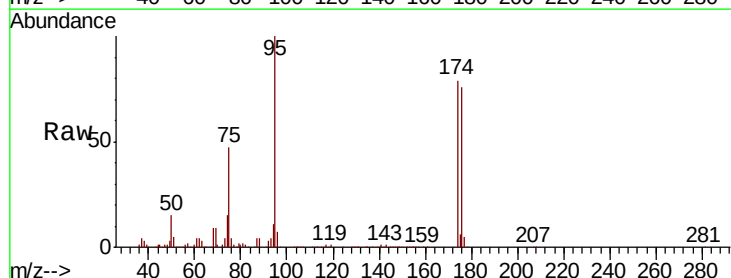
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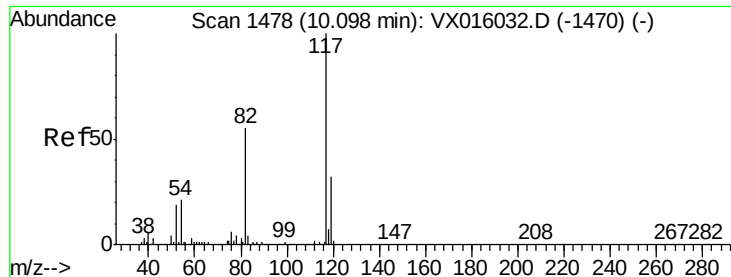
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#62
 4-Bromofluorobenzene
 Concen: 51.466 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	159.4
176	78.0	0.0	157.6





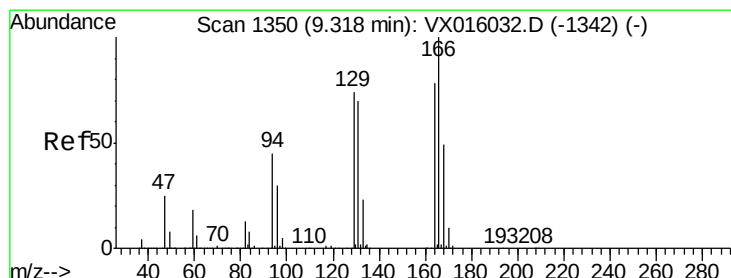
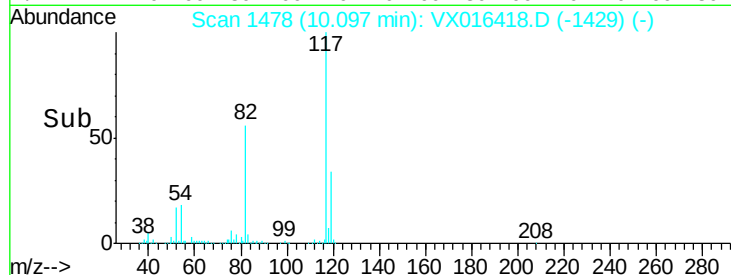
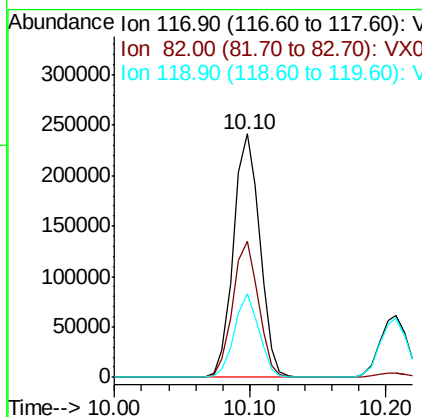
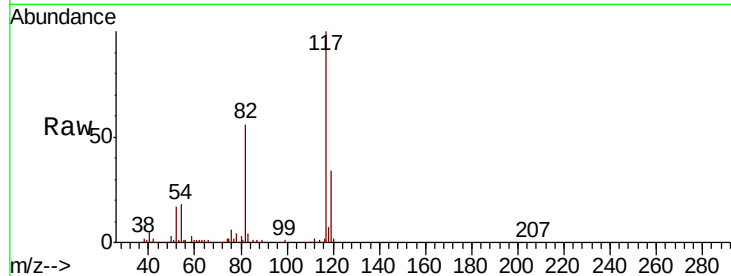
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	324676		
82	55.8		44.4	66.6
119	34.1		25.5	38.3

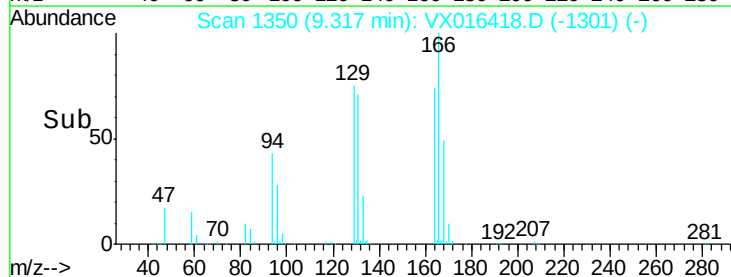
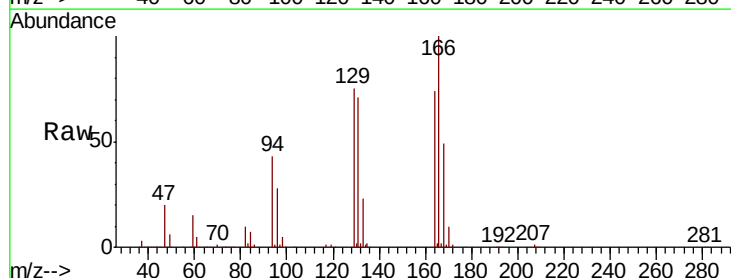
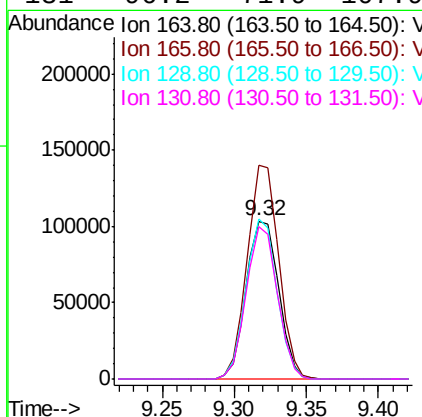
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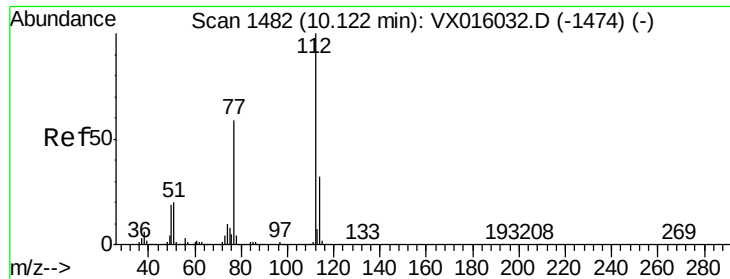
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#64
Tetrachloroethene
Concen: 40.525 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	161525		
166	135.2		102.9	154.3
129	101.2		76.1	114.1
131	96.2		71.9	107.9





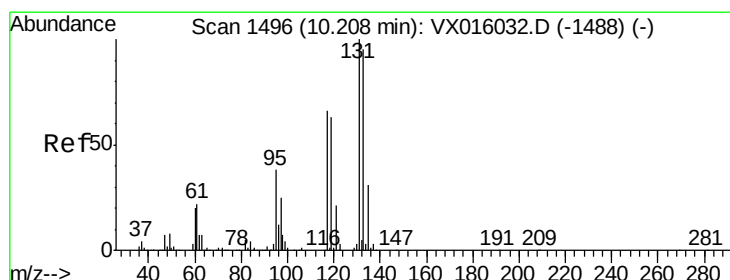
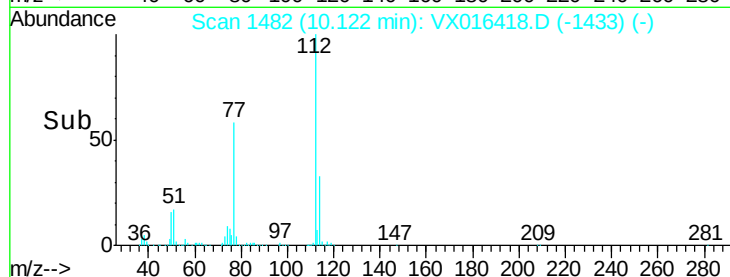
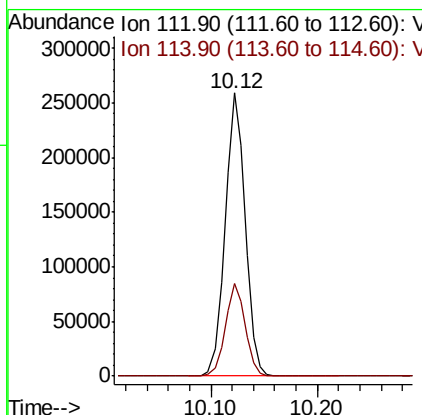
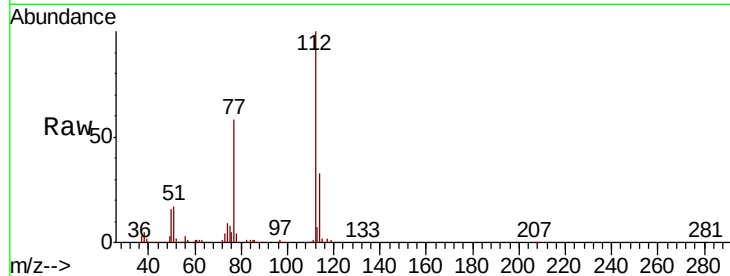
#65
Chlorobenzene
Concen: 50.038 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 340179
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

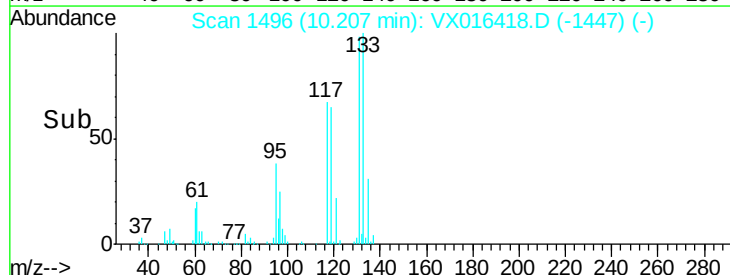
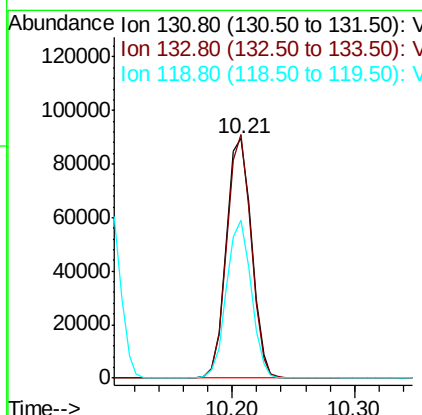
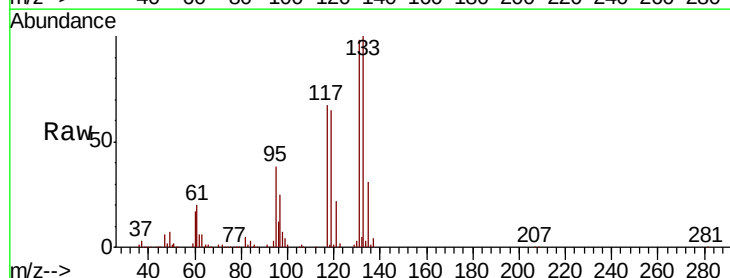
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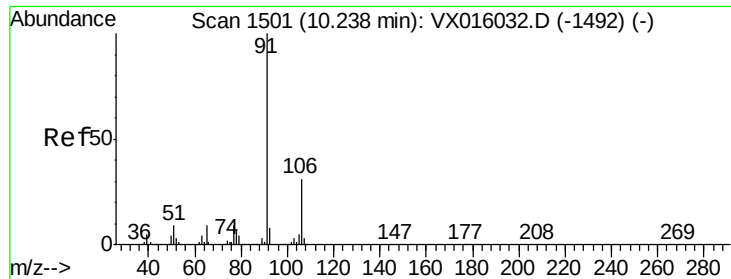
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.934 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion:131 Resp: 127984
Ion Ratio Lower Upper
131 100
133 97.9 48.3 144.8
119 64.4 32.3 96.9





#67

Ethyl Benzene

Concen: 48.601 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 589529

Ion Ratio Lower Upper

91 100

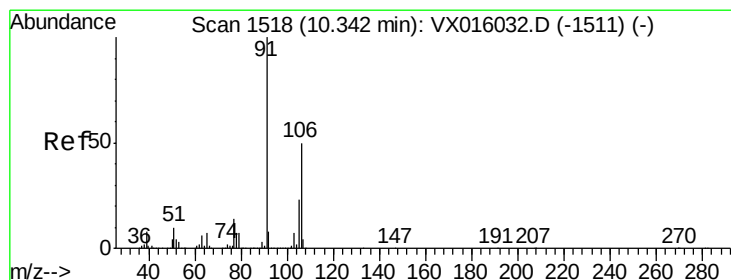
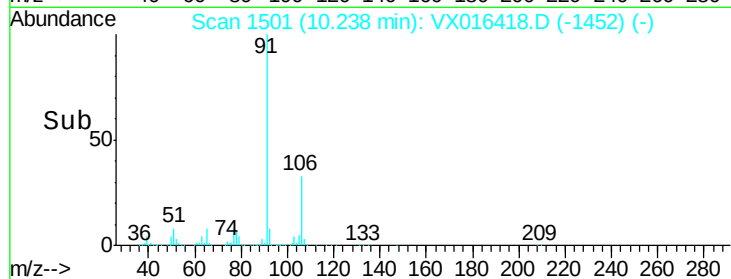
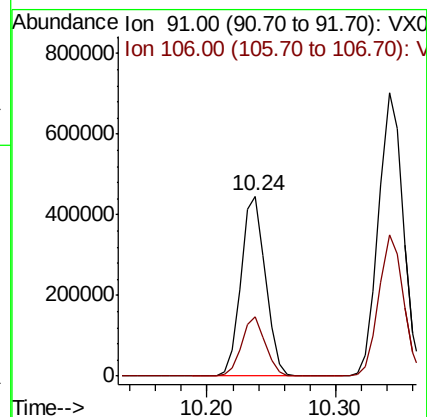
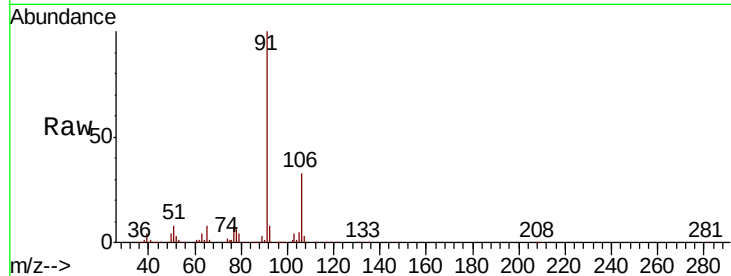
106 32.6 25.1 37.7

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#68

m/p-Xylenes

Concen: 101.450 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016418.D

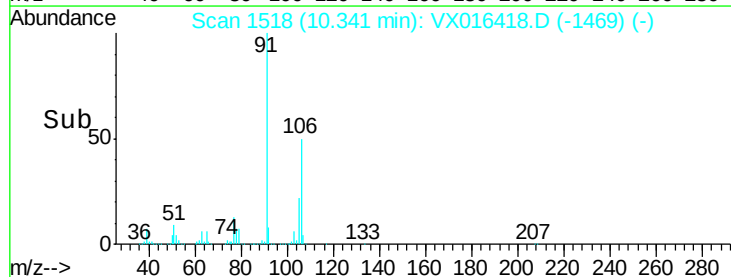
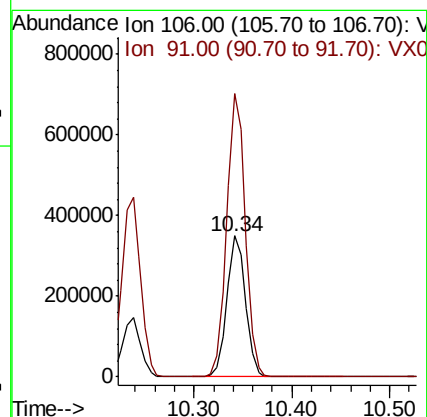
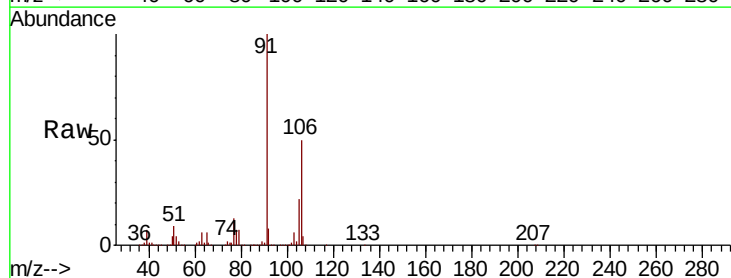
Acq: 22 May 2020 17:30

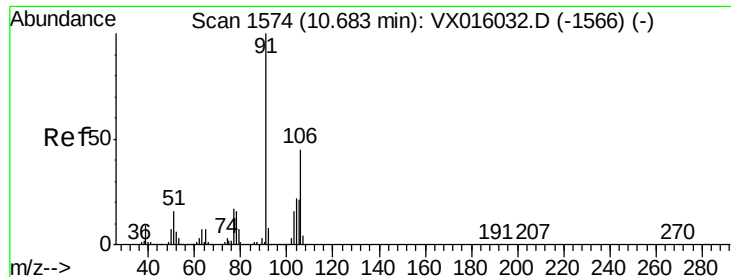
Tgt Ion: 106 Resp: 461054

Ion Ratio Lower Upper

106 100

91 200.2 161.7 242.5





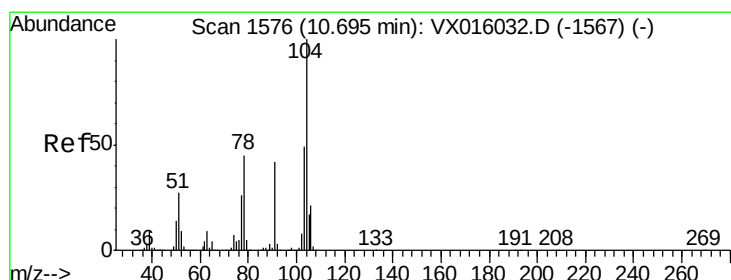
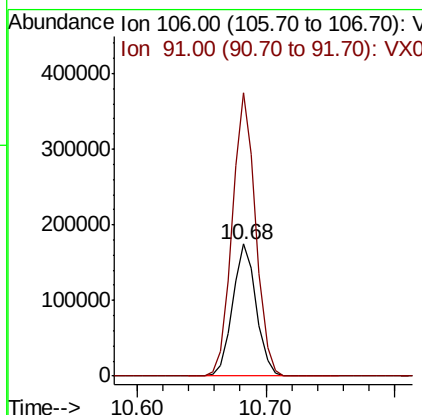
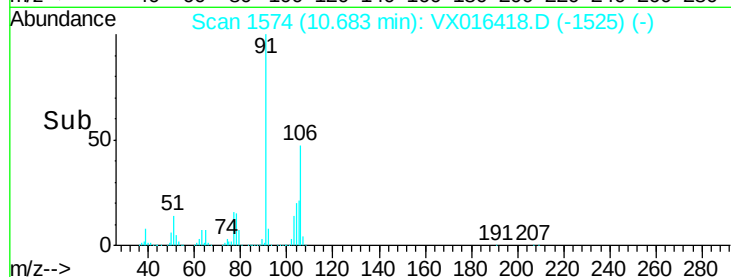
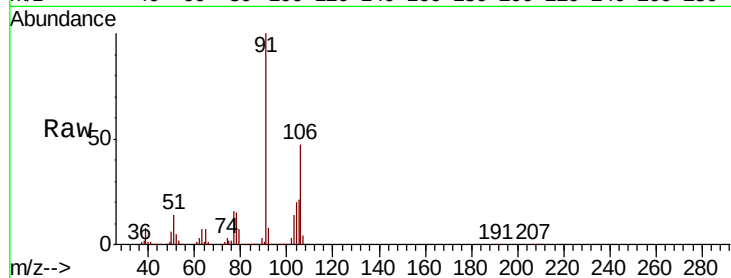
#69
o-Xylene
Concen: 50.836 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.1	107.5	322.6

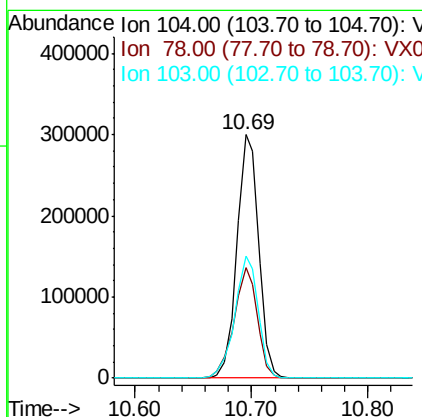
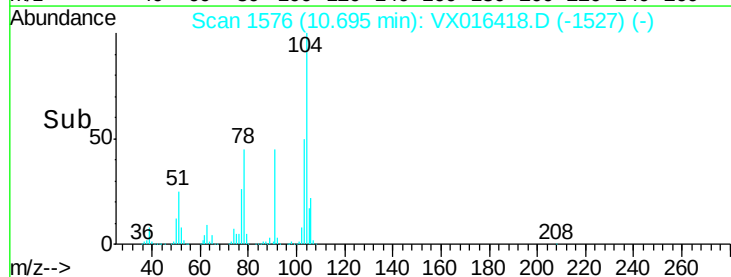
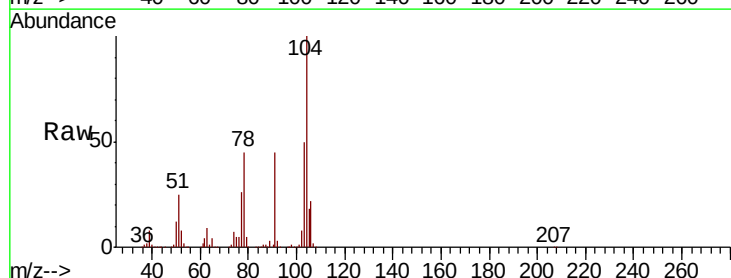
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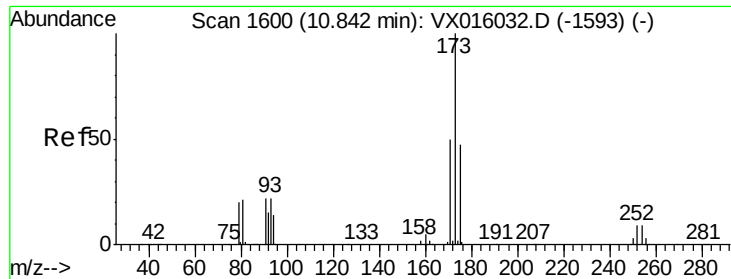
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#70
Styrene
Concen: 52.749 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	40.2	60.2
103	53.8	43.0	64.6





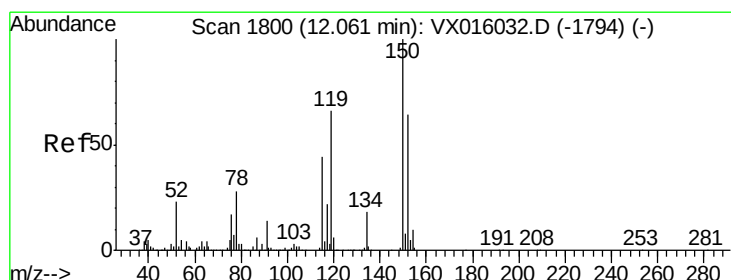
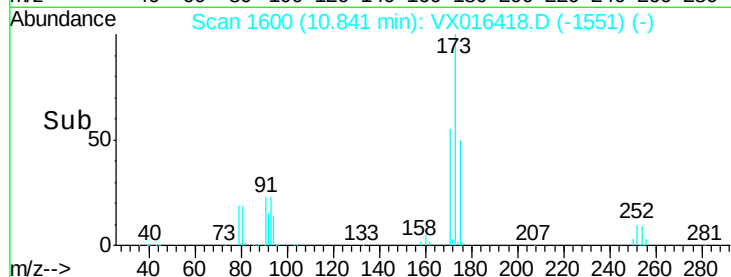
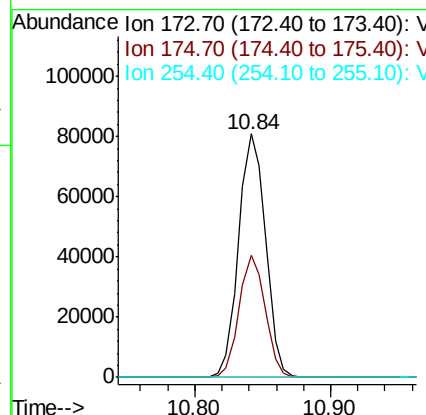
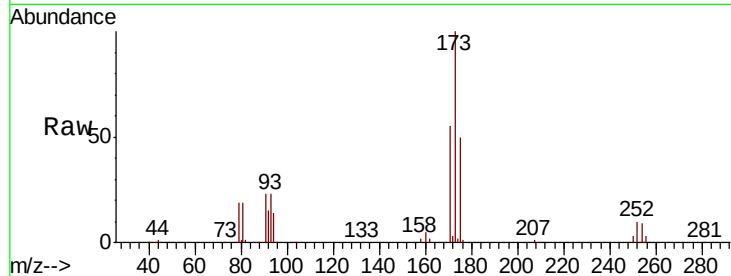
#71
Bromoform
Concen: 54.583 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.0	72.0
254	0.1	0.1	0.1

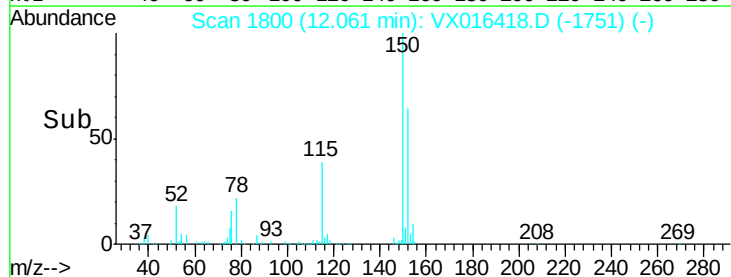
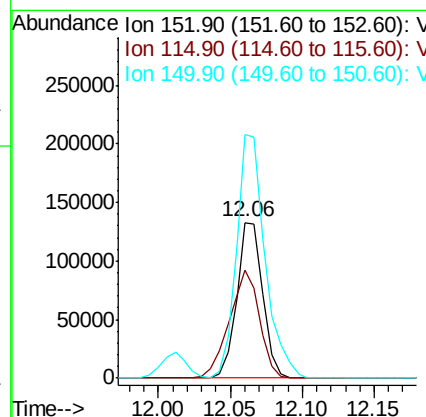
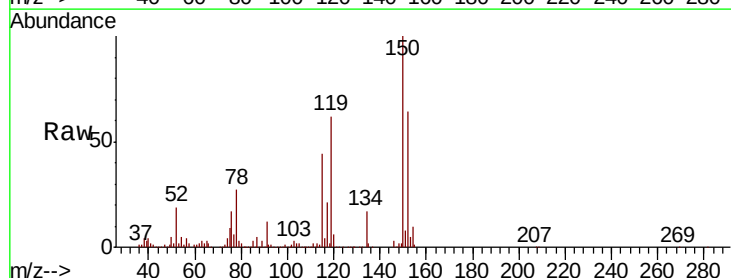
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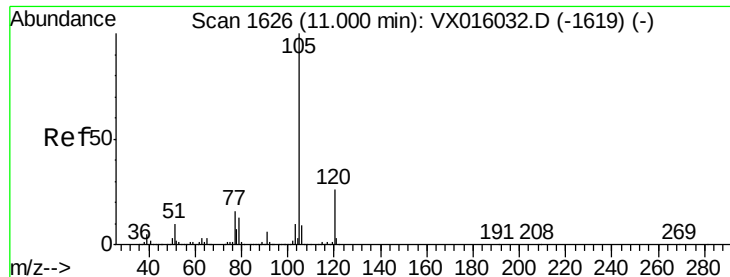
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.3	41.3	124.1
150	173.1	0.0	352.2





#73

Isopropylbenzene

Concen: 48.116 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 583899

Ion Ratio Lower Upper

105 100

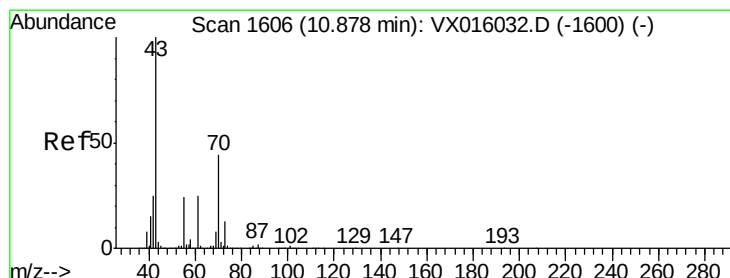
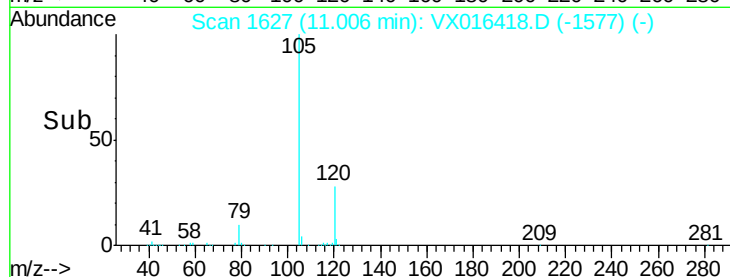
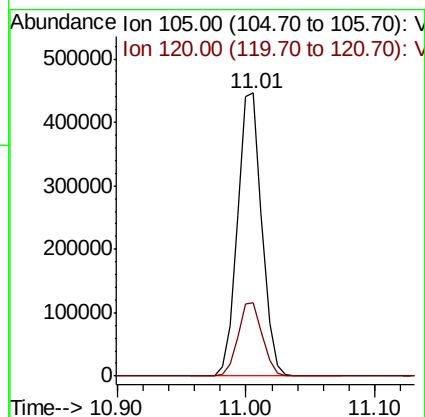
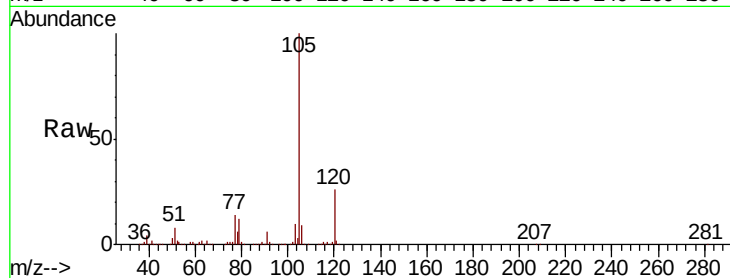
120 26.2 13.4 40.2

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#74

N-ethyl acetate

Concen: 43.248 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Tgt Ion: 43 Resp: 244800

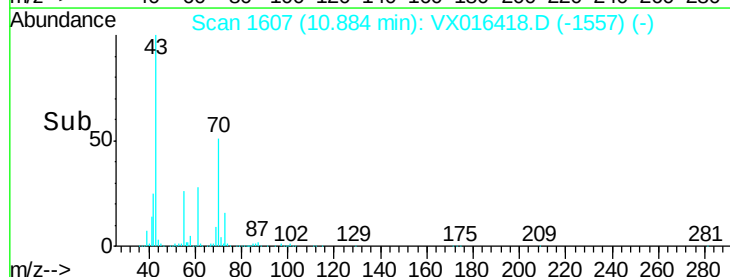
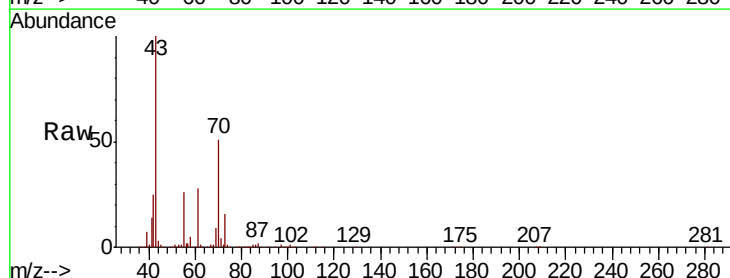
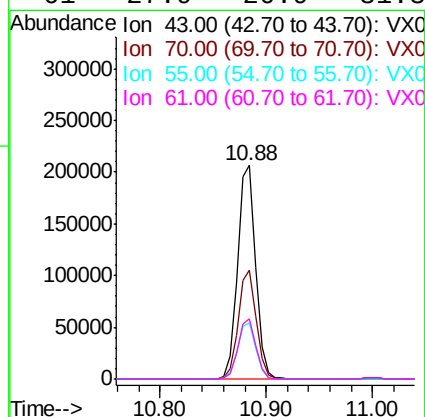
Ion Ratio Lower Upper

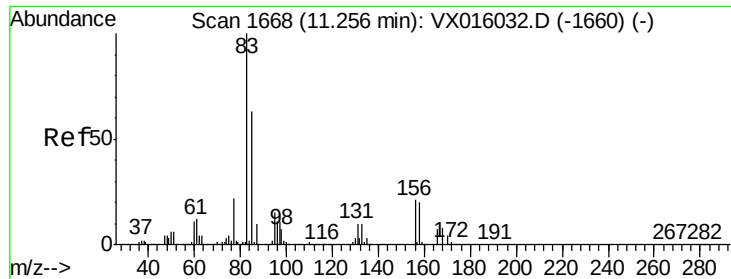
43 100

70 50.8 36.5 54.7

55 26.5 19.7 29.5

61 27.9 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 65.148 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

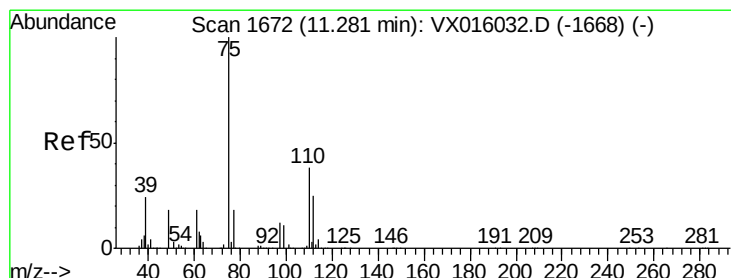
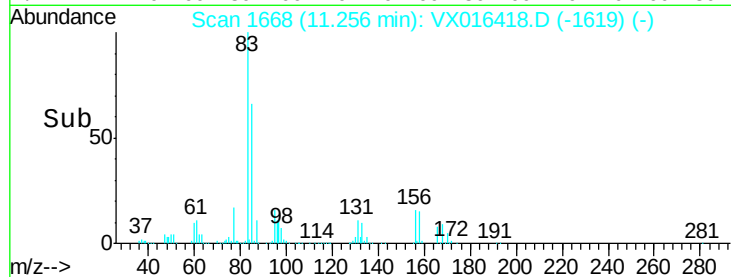
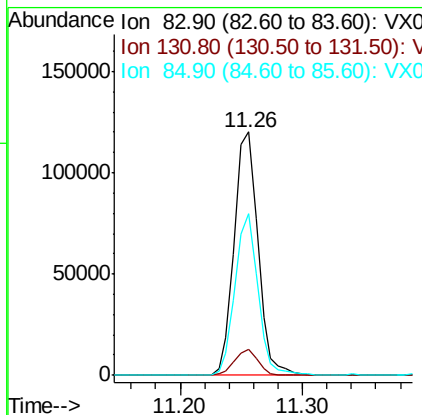
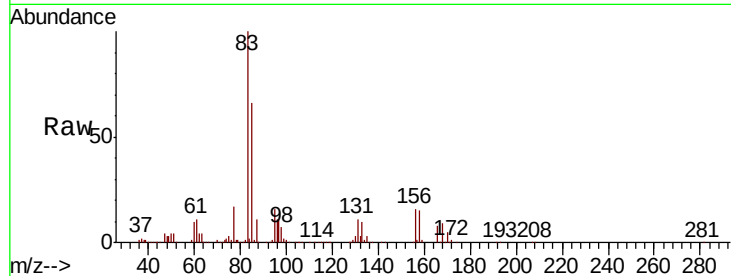
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	161208
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.1	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 47.836 ug/l m

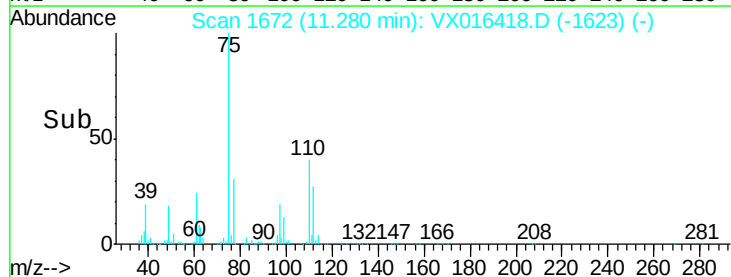
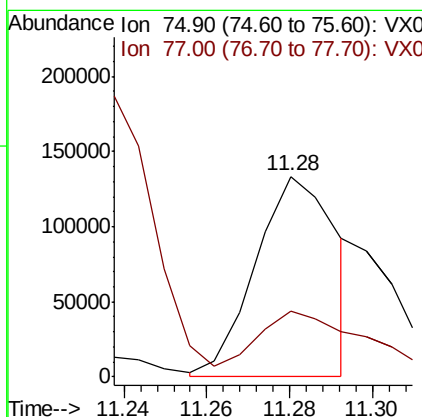
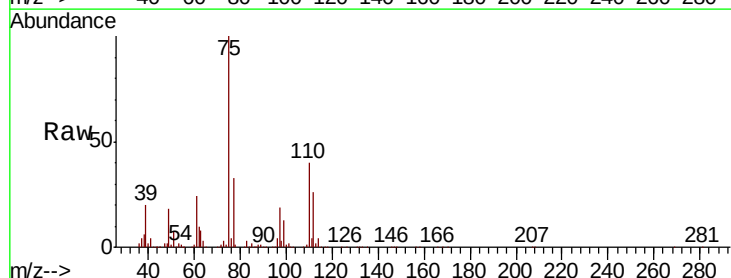
RT: 11.28 min Scan# 1672

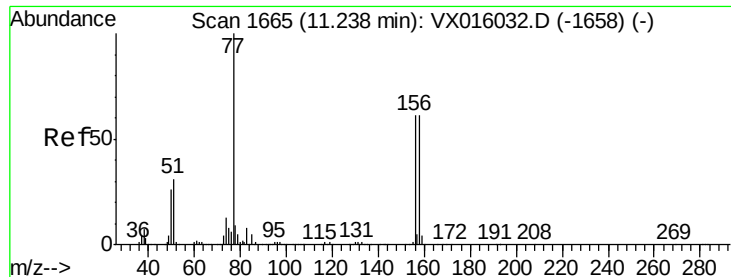
Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Tgt Ion:	75	Resp:	181107
Ion Ratio	Lower	Upper	
75	100		
77	44.2	21.2	63.6





#77

Bromobenzene

Concen: 49.168 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

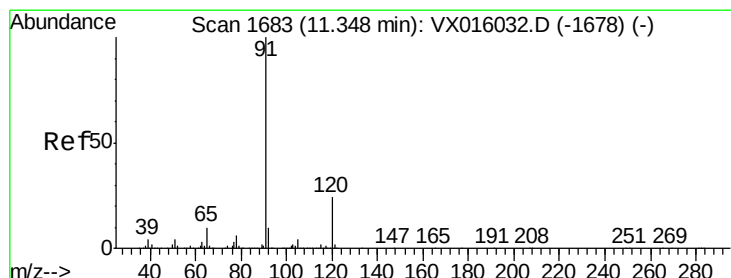
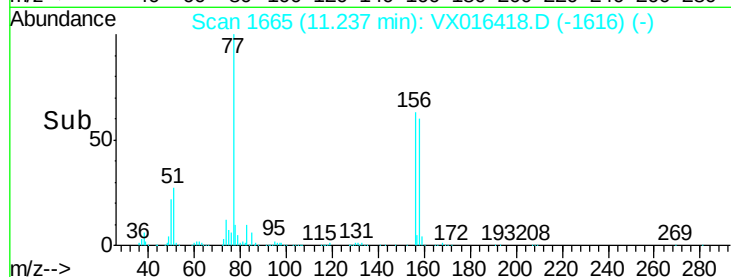
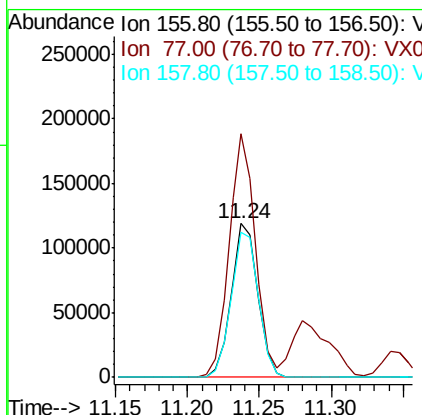
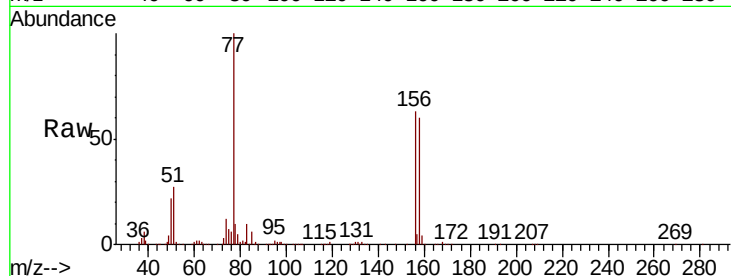
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	154009
Ion Ratio	Lower	Upper	
156	100		
77	155.8	80.1	240.3
158	97.2	49.4	148.2

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#78

n-propylbenzene

Concen: 46.464 ug/l

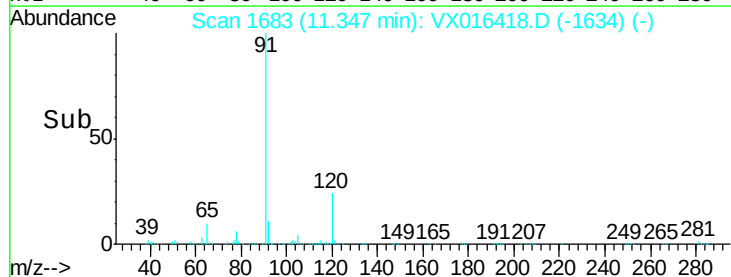
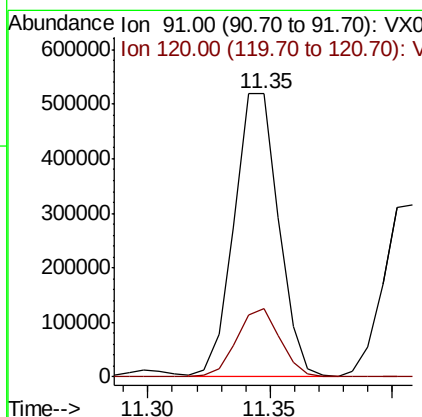
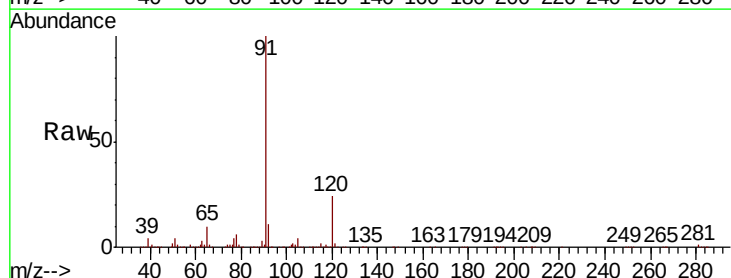
RT: 11.35 min Scan# 1683

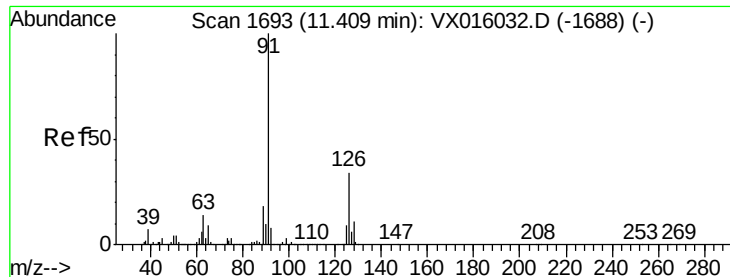
Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Tgt Ion:	91	Resp:	655949
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.5	34.5





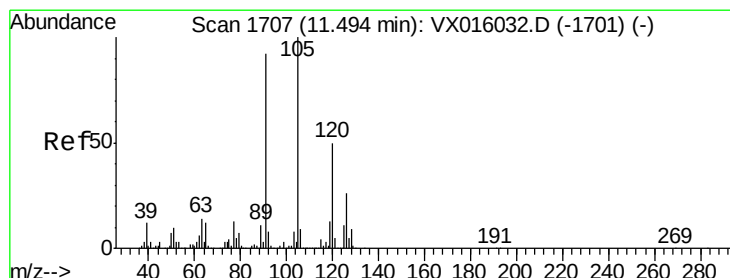
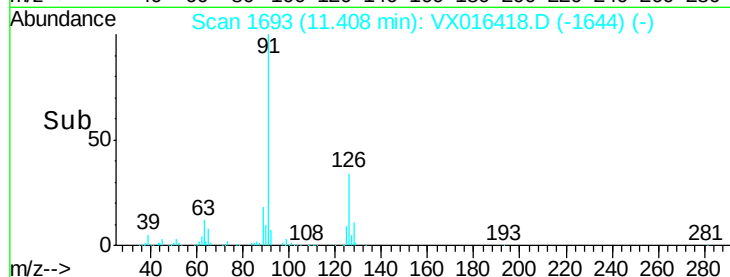
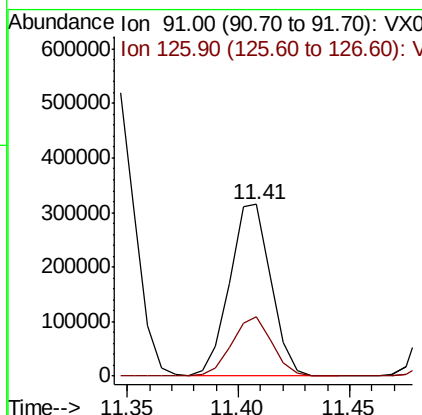
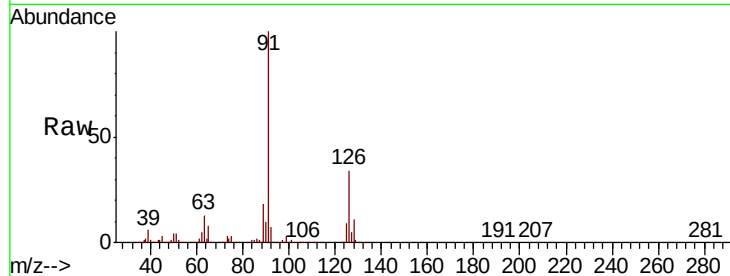
#79
 2-Chlorotoluene
 Concen: 48.722 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 406008
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.9 50.6

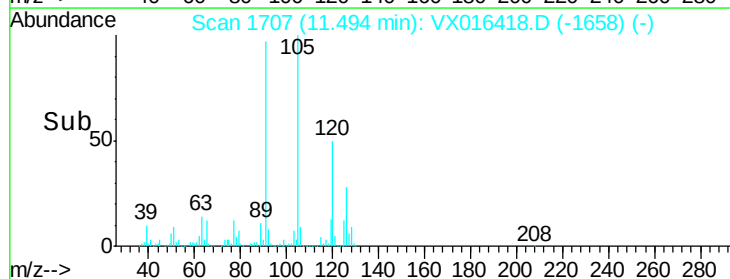
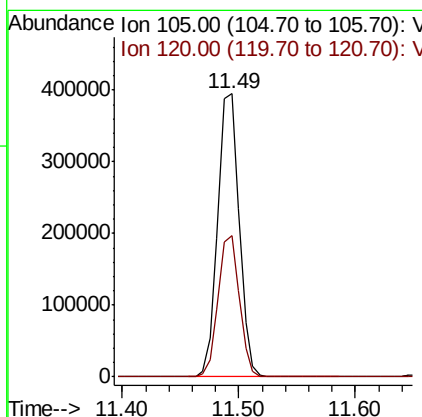
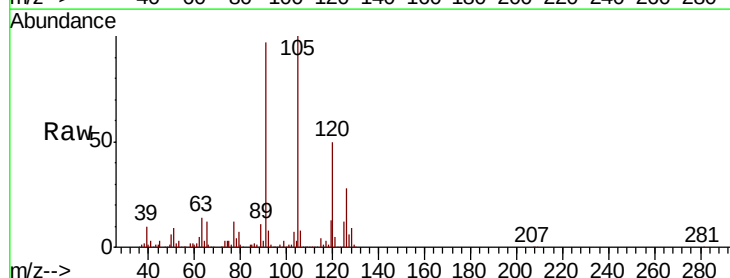
Manual Integrations
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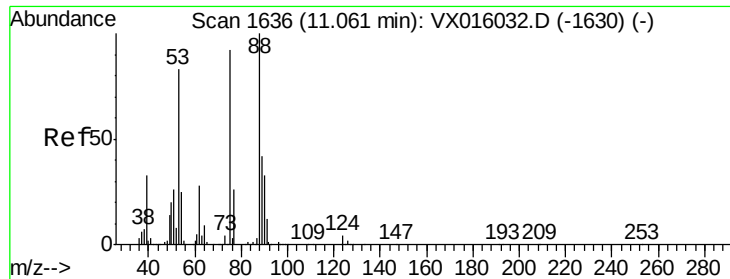
MMDadoda
 5/26/2020 11:43:56 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 48.752 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion: 105 Resp: 499509
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 74.0





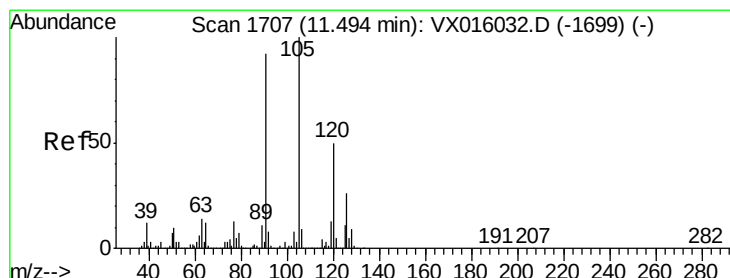
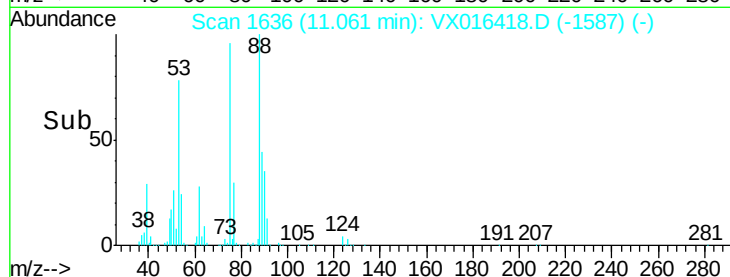
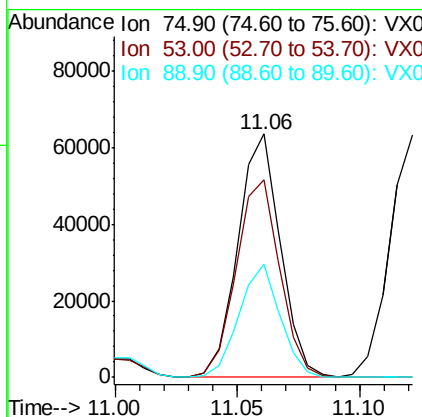
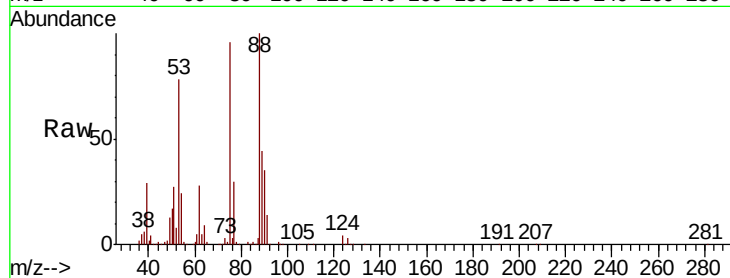
#81
trans-1,4-Dichloro-2-butene
Concen: 48.196 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.6	73.1	109.7
89	45.3	36.7	55.1

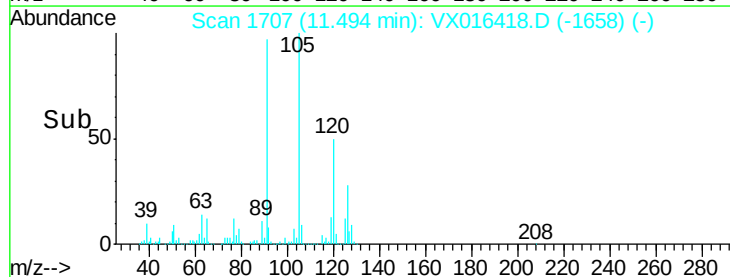
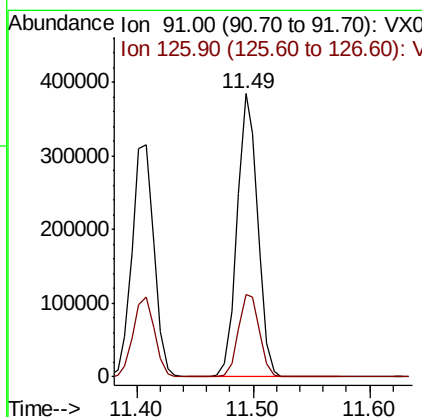
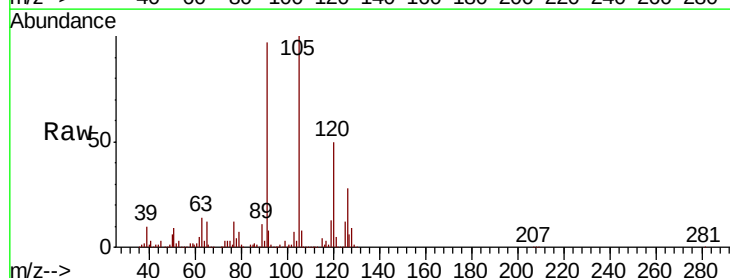
Manual Integrations
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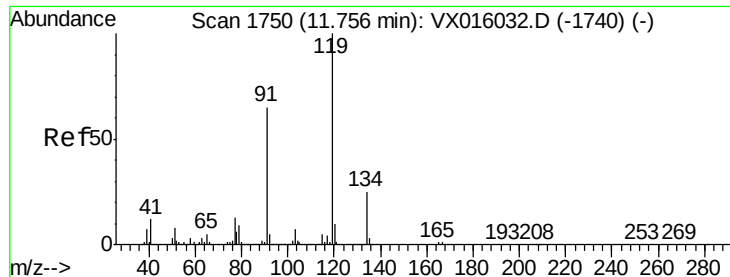
MMDadoda
5/26/2020 11:43:56 AM



#82
4-Chlorotoluene
Concen: 48.121 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	14.8	44.3





#83

tert-Butylbenzene

Concen: 48.648 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016418.D

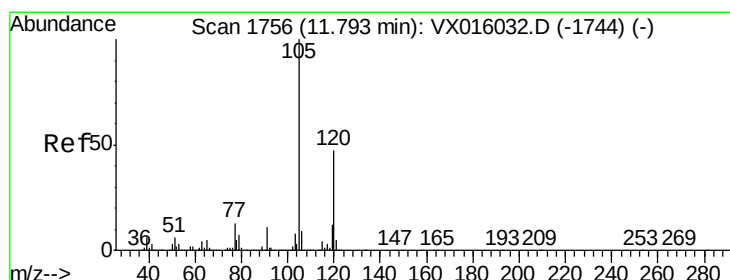
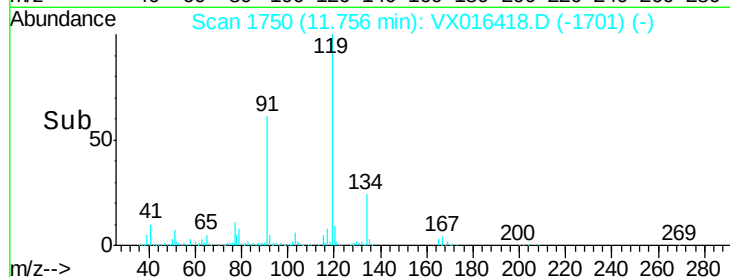
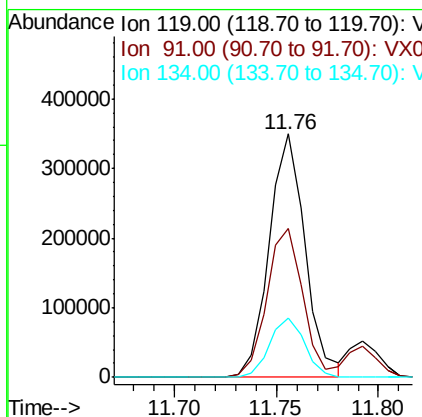
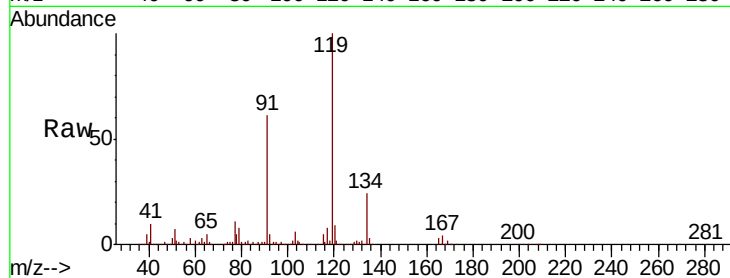
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	429557		
91	60.8		32.8	98.4
134	23.9		12.4	37.0

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#84

1,2,4-Trimethylbenzene

Concen: 49.205 ug/l

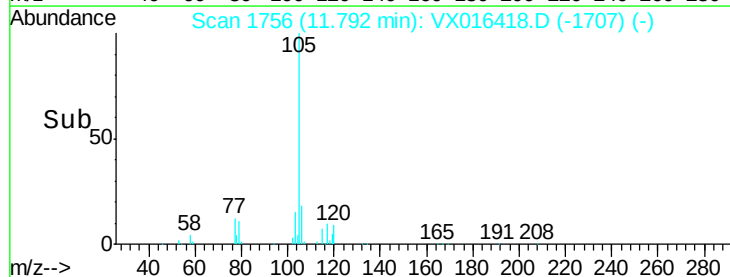
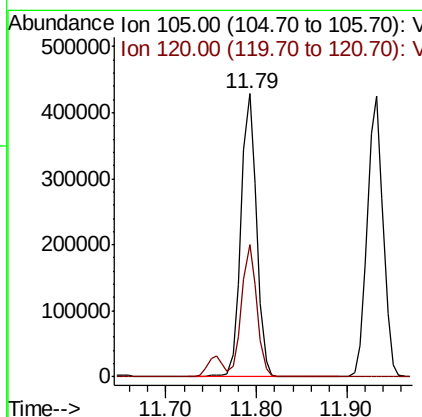
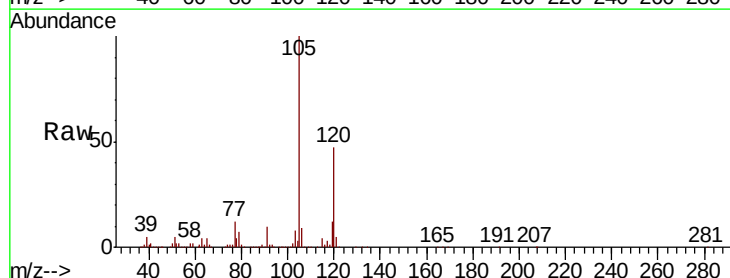
RT: 11.79 min Scan# 1756

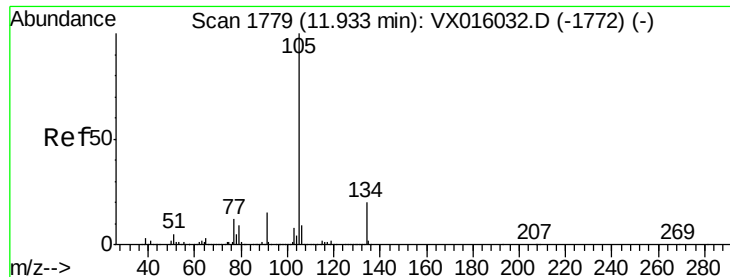
Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	509700		
120	45.4		23.0	69.0





#85

sec-Butylbenzene

Concen: 43.202 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 515062

Ion Ratio Lower Upper

105 100

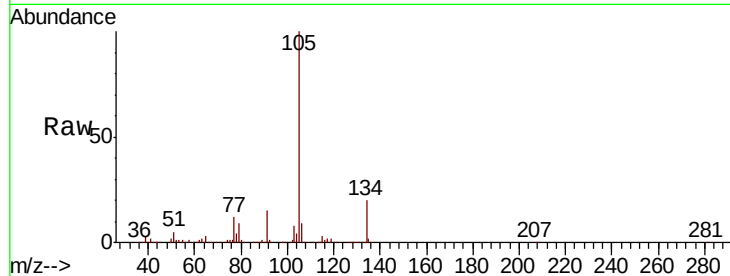
134 20.3 10.1 30.3

Manual Integrations

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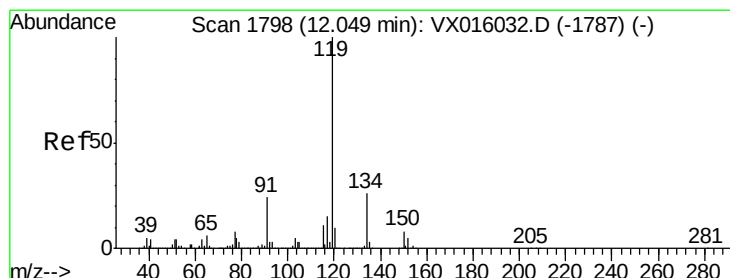
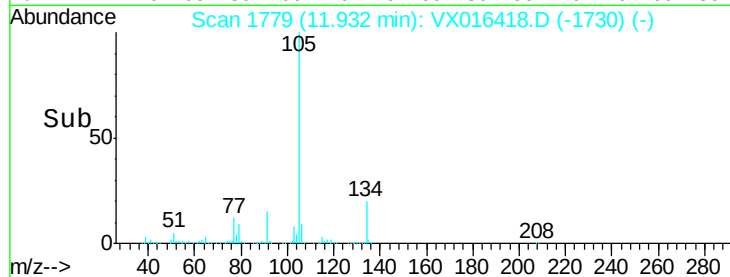
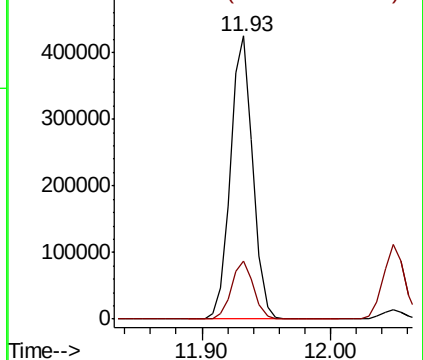
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.012 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

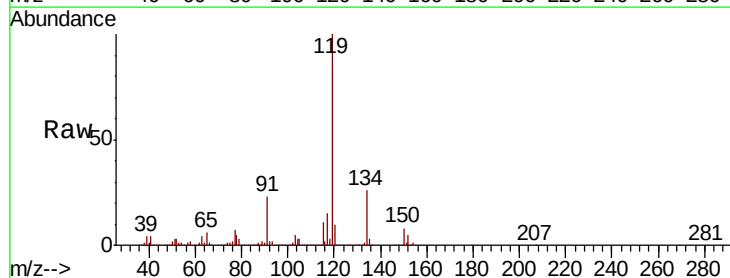
Tgt Ion:119 Resp: 498240

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

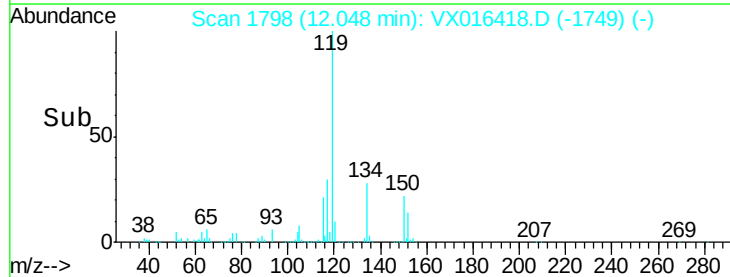
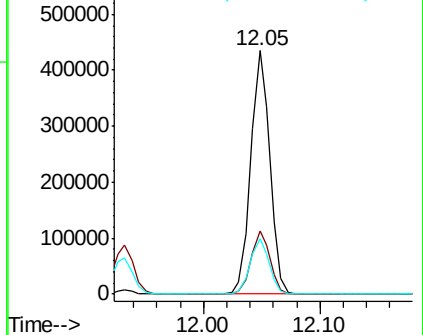
91 22.9 11.8 35.4

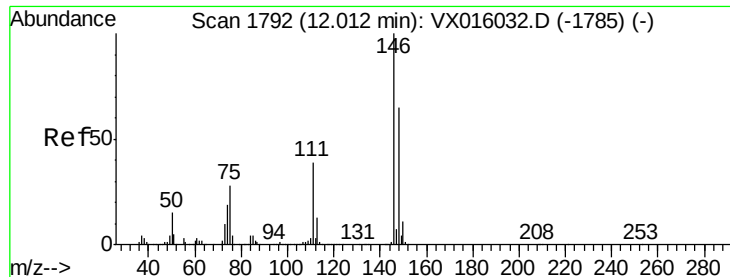


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





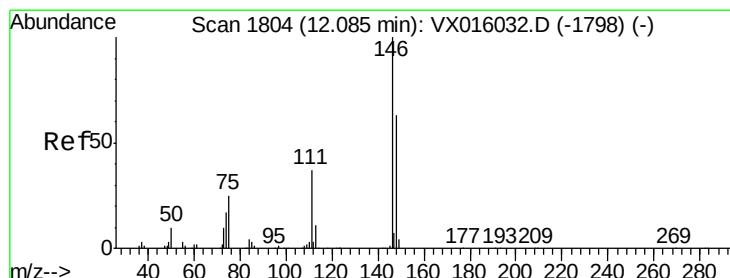
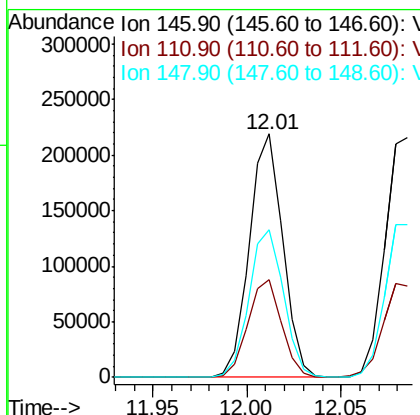
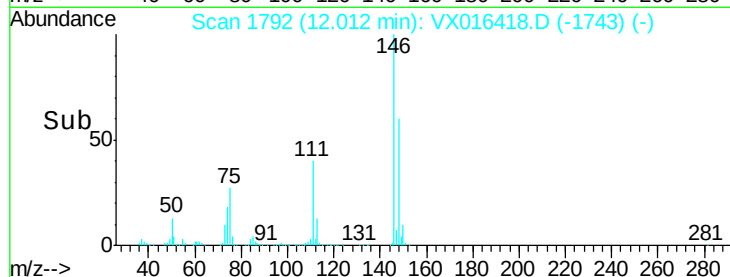
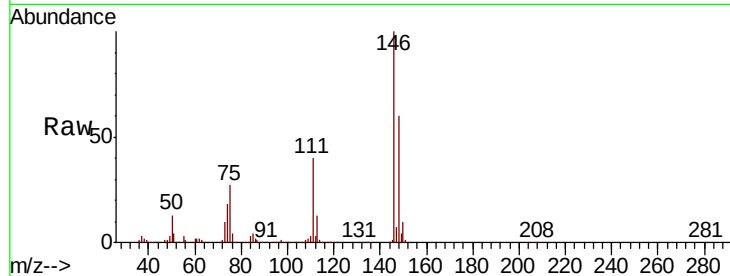
#87
 1,3-Dichlorobenzene
 Concen: 48.001 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.6
148	62.3	32.1	96.3

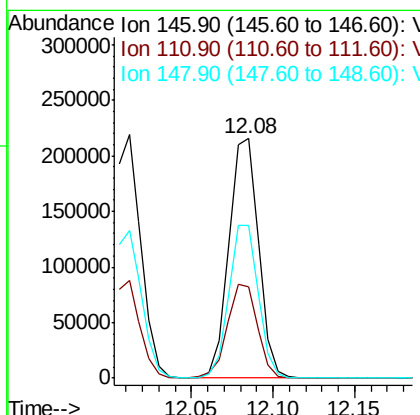
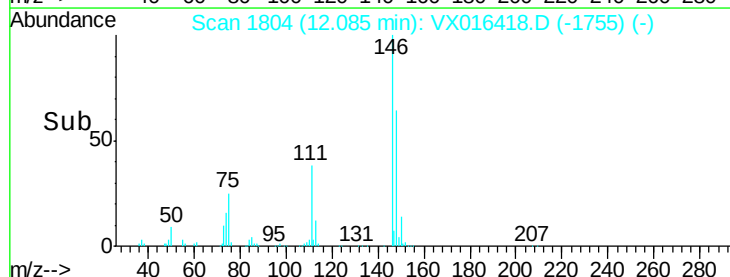
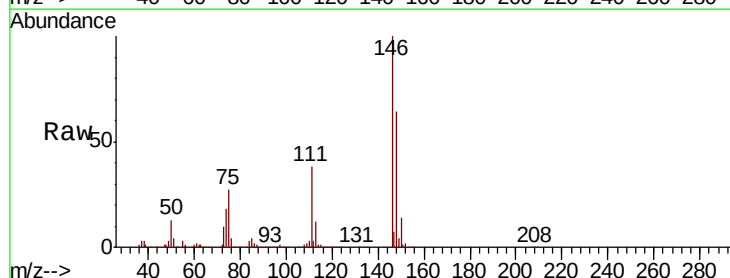
Manual Integrations
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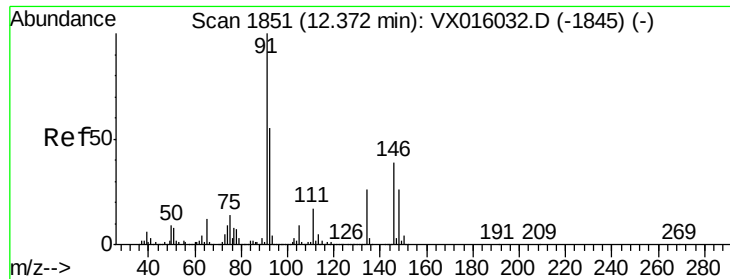
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#88
 1,4-Dichlorobenzene
 Concen: 47.523 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	63.6	31.8	95.3





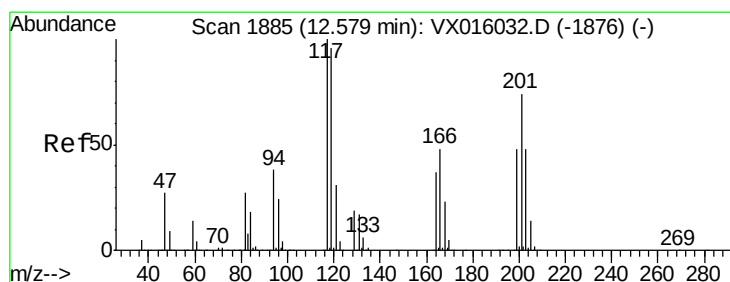
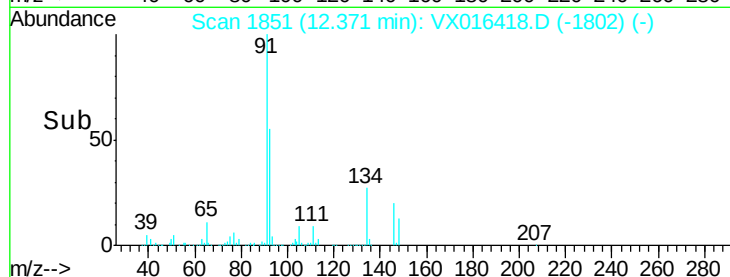
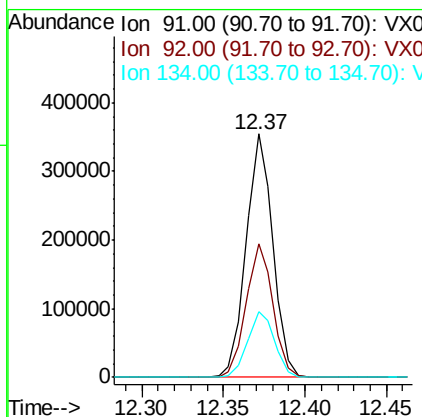
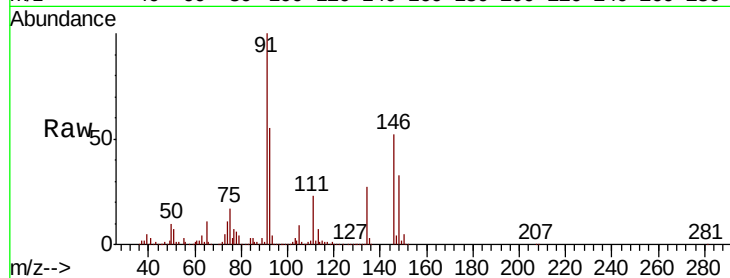
#89
n-Butylbenzene
Concen: 40.065 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.6	82.7
134	27.4	13.4	40.1

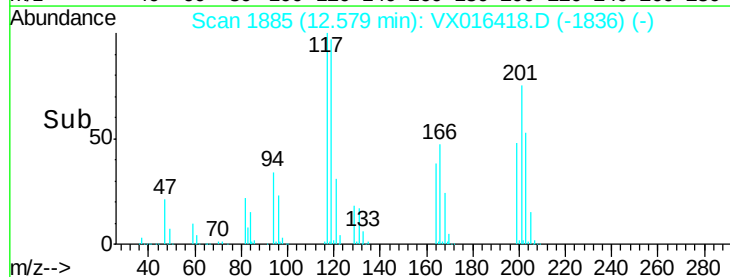
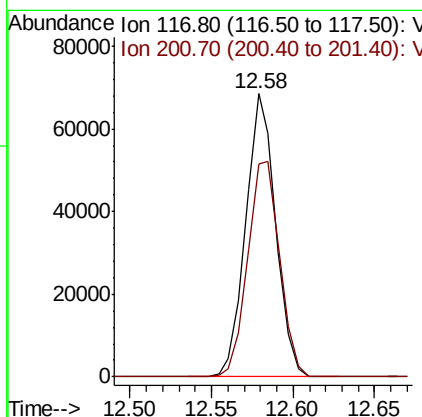
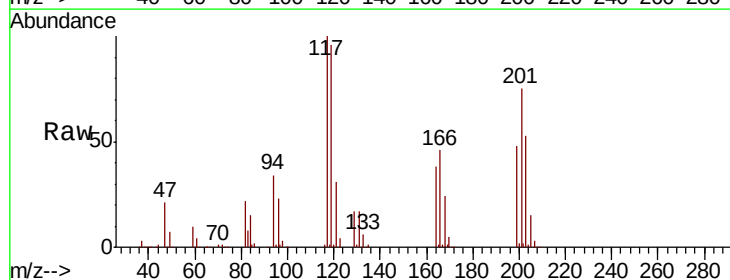
Manual Integrations
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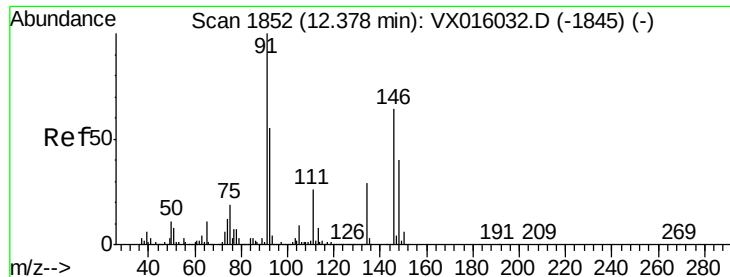
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#90
Hexachloroethane
Concen: 45.933 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.5	39.8	119.3





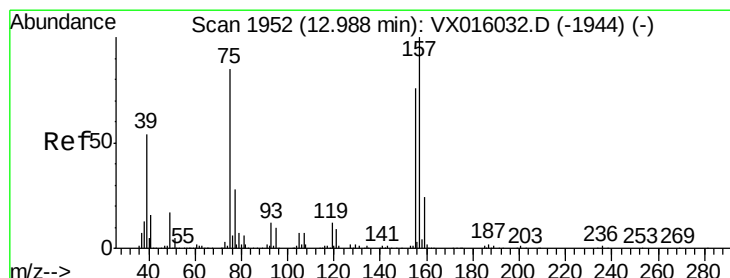
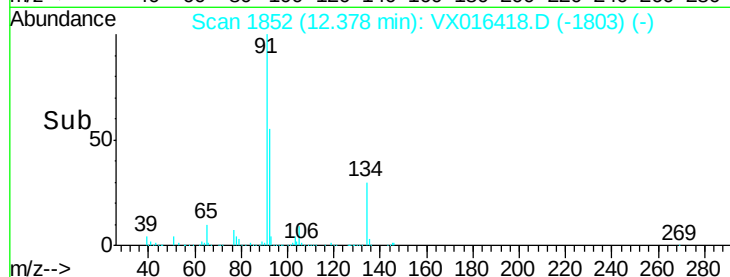
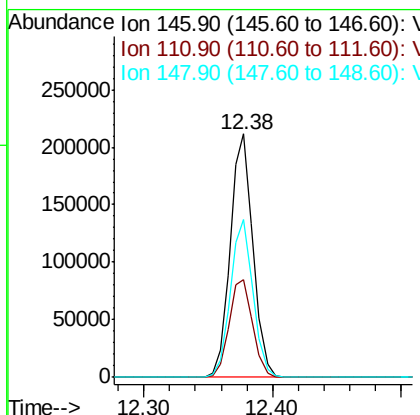
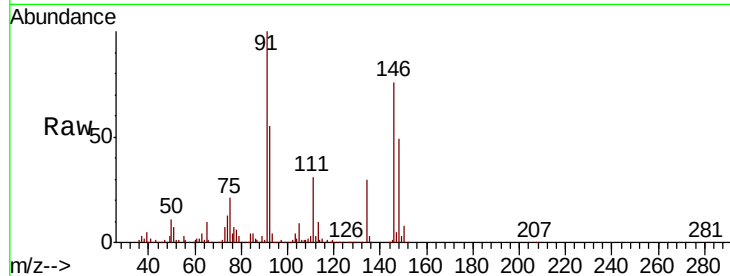
#91
 1,2-Dichlorobenzene
 Concen: 48.132 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	260658		
111	41.9	21.1	63.1	
148	64.3	32.4	97.0	

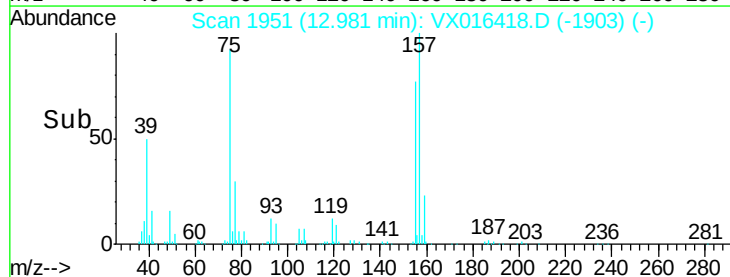
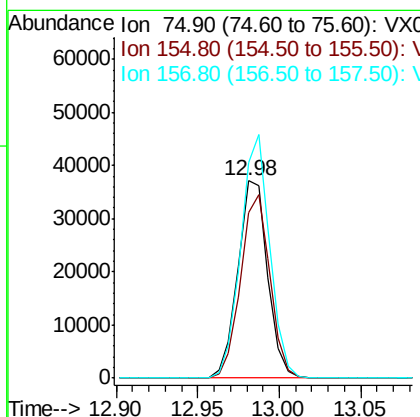
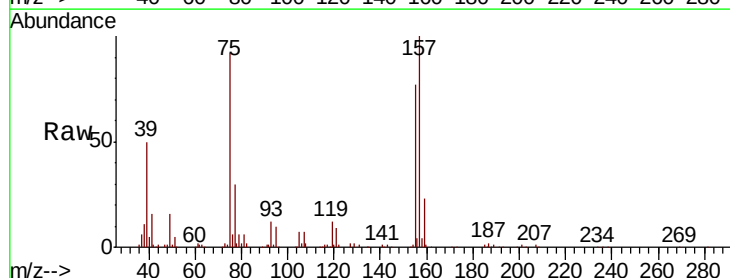
Manual Integrations
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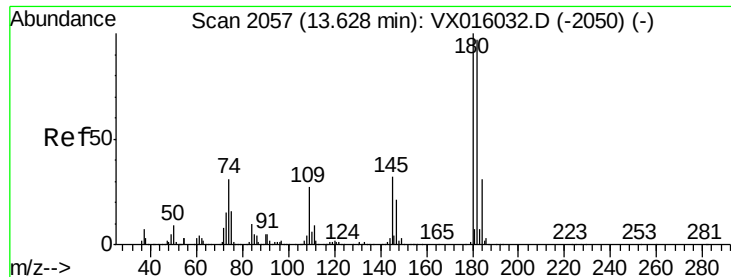
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.338 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	47235		
155	91.7	42.5	127.5	
157	119.9	55.3	165.8	





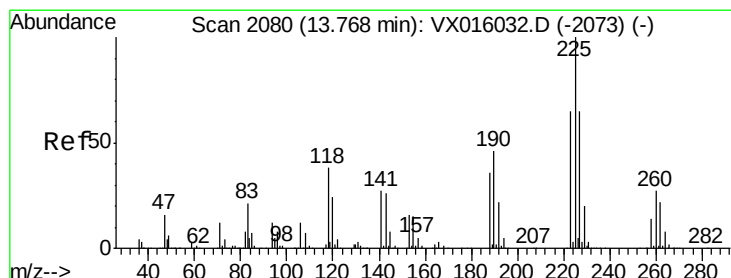
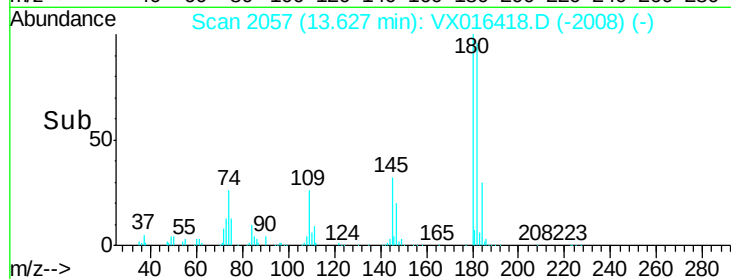
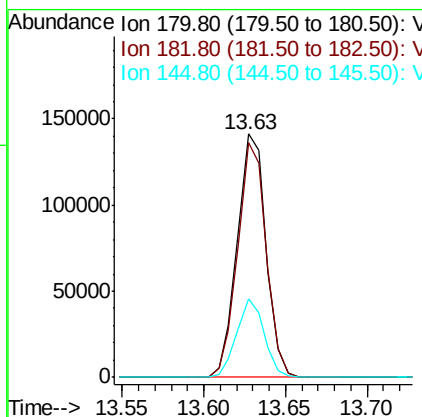
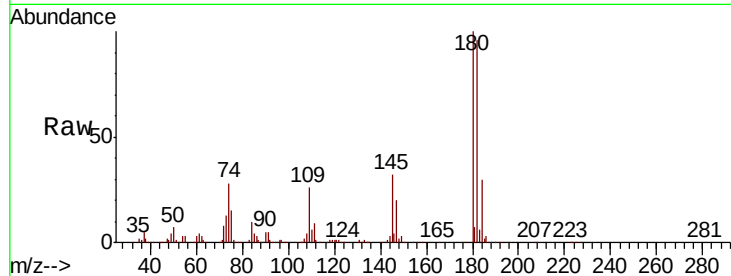
#93
1,2,4-Trichlorobenzene
Concen: 43.308 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	173638		
182	95.4	48.7	146.1	
145	30.9	15.7	47.1	

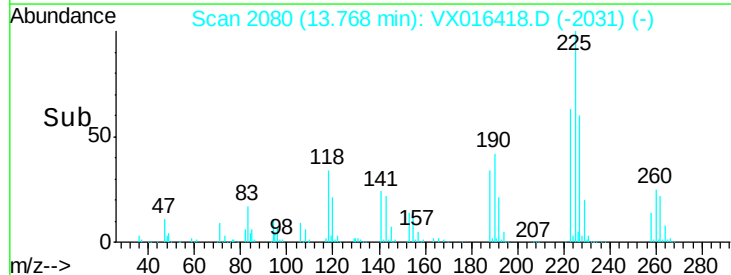
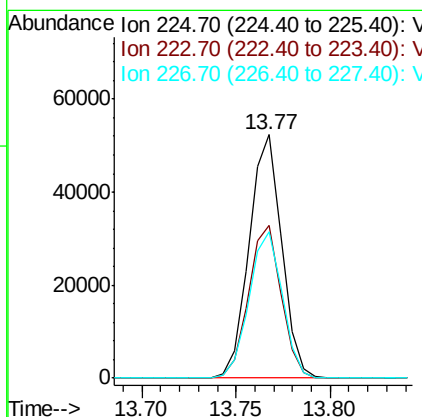
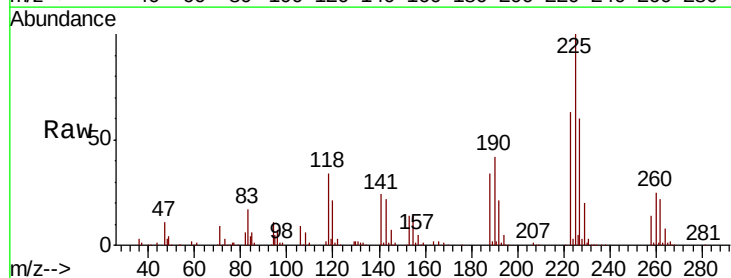
Manual Integrations
APPROVED

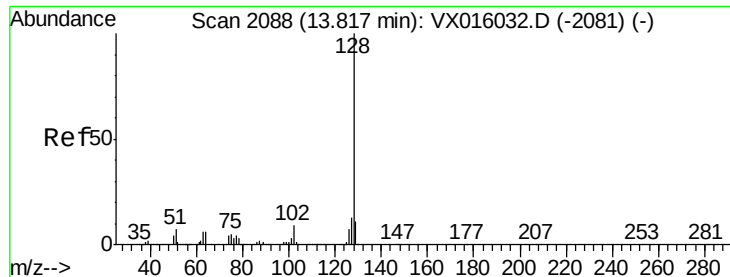
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#94
Hexachlorobutadiene
Concen: 36.356 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62518		
223	62.9	32.3	96.9	
227	61.4	31.8	95.4	





#95

Naphthalene

Concen: 48.368 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

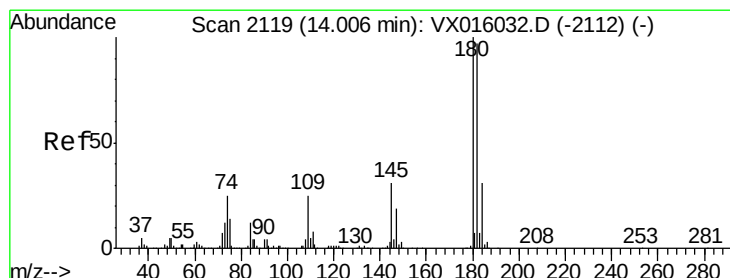
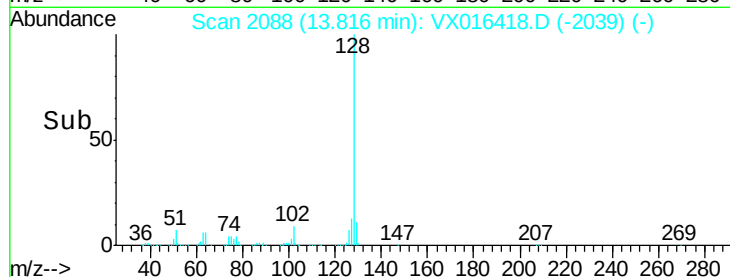
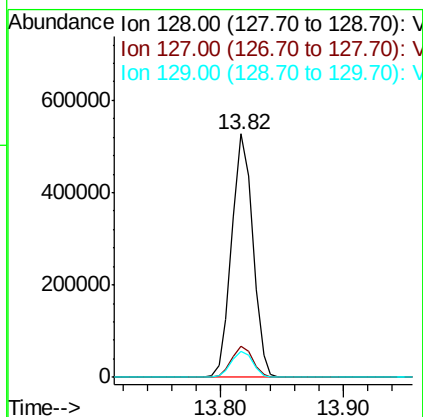
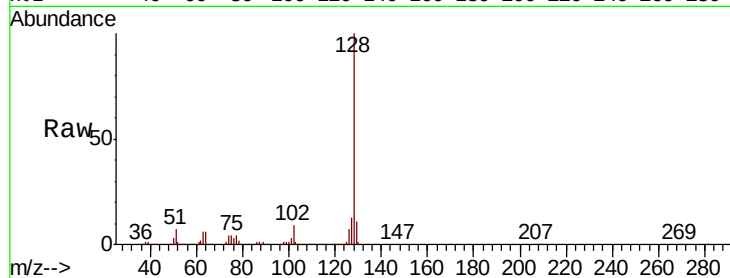
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	627930
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/26/2020 11:43:56 AM



#96

1,2,3-Trichlorobenzene

Concen: 43.169 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Tgt Ion:	180	Resp:	169156
Ion Ratio	Lower	Upper	
180	100		
182	97.3	48.4	145.0
145	33.2	16.4	49.1

