

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051120\
 Data File : VX016140.D
 Acq On : 11 May 2020 11:48
 Operator : JC/SP
 Sample : VX0511WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

Manual Integrations
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 5/12/2020 2:07:06 PM

Quant Time: May 11 18:41:02 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	320688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	500583	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	464653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	189551	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	
35) Dibromofluoromethane	5.46	113	148352	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
50) Toluene-d8	8.70	98	584674	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.12	95	221454	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	64388	18.969	ug/l	100
3) Chloromethane	1.32	50	70351	17.846	ug/l	99
4) Vinyl Chloride	1.40	62	75378	17.923	ug/l	99
5) Bromomethane	1.63	94	43163	20.357	ug/l	95
6) Chloroethane	1.72	64	46044	17.993	ug/l	100
7) Trichlorofluoromethane	1.92	101	98068	17.761	ug/l	100
8) Diethyl Ether	2.17	74	40242	17.298	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59686	18.736	ug/l	98
10) Methyl Iodide	2.49	142	58286	13.622	ug/l	98
11) Tert butyl alcohol	3.01	59	92508	86.690	ug/l	100
12) 1,1-Dichloroethene	2.36	96	58788	17.635	ug/l	93
13) Acrolein	2.28	56	35280	52.833	ug/l	96
14) Allyl chloride	2.71	41	109896	17.980	ug/l	97
15) Acrylonitrile	3.12	53	197948	89.418	ug/l	98
16) Acetone	2.42	43	158927	84.406	ug/l	95
17) Carbon Disulfide	2.55	76	177598	17.606	ug/l	100
18) Methyl Acetate	2.75	43	85298	18.425	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	214777	18.690	ug/l	98
20) Methylene Chloride	2.84	84	68509	17.650	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	65148	17.537	ug/l	97
22) Diisopropyl ether	3.82	45	213473	18.513	ug/l	100
23) Vinyl Acetate	3.79	43	931000	91.769	ug/l	100
24) 1,1-Dichloroethane	3.67	63	120451	18.673	ug/l	99
25) 2-Butanone	4.64	43	272226	89.722	ug/l	99
26) 2,2-Dichloropropane	4.55	77	108146	18.358	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	75194	18.515	ug/l	98
28) Bromochloromethane	4.98	49	55549	18.886	ug/l	98
29) Tetrahydrofuran	5.09	42	180496	89.781	ug/l	100
30) Chloroform	5.18	83	119209	18.561	ug/l	99
31) Cyclohexane	5.56	56	109659	18.706	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	108678	18.616	ug/l	99
36) 1,1-Dichloropropene	5.77	75	92255	18.722	ug/l	99
37) Ethyl Acetate	4.79	43	104578	18.311	ug/l	99
38) Carbon Tetrachloride	5.76	117	94646	18.897	ug/l	98

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 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	7.44	83	111983	18.871	ug/l	99
40) Benzene	6.12	78	273895	18.997	ug/l	99
41) Methacrylonitrile	5.01	41	57933	18.783	ug/l	98
42) 1,2-Dichloroethane	6.17	62	94770	18.247	ug/l	99
43) Isopropyl Acetate	6.41	43	168855	18.530	ug/l	99
44) Trichloroethene	7.19	130	97537	19.042	ug/l	96
45) 1,2-Dichloropropane	7.49	63	70871	19.426	ug/l	99
46) Dibromomethane	7.64	93	46592	18.793	ug/l	99
47) Bromodichloromethane	7.88	83	96366	19.085	ug/l	96
48) Methyl methacrylate	7.74	41	77871	18.035	ug/l	97
49) 1,4-Dioxane	7.71	88	38303	369.875	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	521381	93.501	ug/l	98
52) Toluene	8.77	92	171974	19.136	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	113637	18.876	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	118750	18.885	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	68116	19.265	ug/l	99
56) Ethyl methacrylate	9.16	69	109903	19.043	ug/l	98
57) 1,3-Dichloropropane	9.35	76	118921	19.276	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	277791	90.410	ug/l	99
59) 2-Hexanone	9.47	43	403849	92.221	ug/l	100
60) Dibromochloromethane	9.57	129	74589	19.154	ug/l	99
61) 1,2-Dibromoethane	9.65	107	72056	18.814	ug/l	99
64) Tetrachloroethene	9.32	164	110724	19.411	ug/l	98
65) Chlorobenzene	10.12	112	183566	18.867	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	68633	19.086	ug/l	99
67) Ethyl Benzene	10.24	91	328379	18.916	ug/l	100
68) m/p-Xylenes	10.34	106	247551	38.062	ug/l	99
69) o-Xylene	10.68	106	119500	19.114	ug/l	98
70) Styrene	10.70	104	198023	18.670	ug/l	99
71) Bromoform	10.84	173	55639	18.991	ug/l #	99
73) Isopropylbenzene	11.00	105	320106	18.884	ug/l	99
74) N-amyl acetate	10.88	43	141350	17.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	54458	18.727	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	98431m	18.612	ug/l	
77) Bromobenzene	11.24	156	79945	18.271	ug/l	99
78) n-propylbenzene	11.35	91	367365	18.629	ug/l	100
79) 2-Chlorotoluene	11.41	91	214009	18.385	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	270019	18.866	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	39876	17.968	ug/l	98
82) 4-Chlorotoluene	11.49	91	253455	18.438	ug/l	100
83) tert-Butylbenzene	11.76	119	230014	18.648	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	271016	18.729	ug/l	100
85) sec-Butylbenzene	11.93	105	310138	18.622	ug/l	99
86) p-Isopropyltoluene	12.05	119	287576	18.598	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	142351	18.119	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	144741	18.152	ug/l	99
89) n-Butylbenzene	12.37	91	253150	17.921	ug/l	100
90) Hexachloroethane	12.58	117	48903	18.416	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	140355	18.554	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	23522	16.875	ug/l	100

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ClientSampleId :
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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	101588	18.138	ug/l	98
94) Hexachlorobutadiene	13.77	225	46477	19.593	ug/l	98
95) Naphthalene	13.82	128	328194	18.097	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	101119	18.474	ug/l	98

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

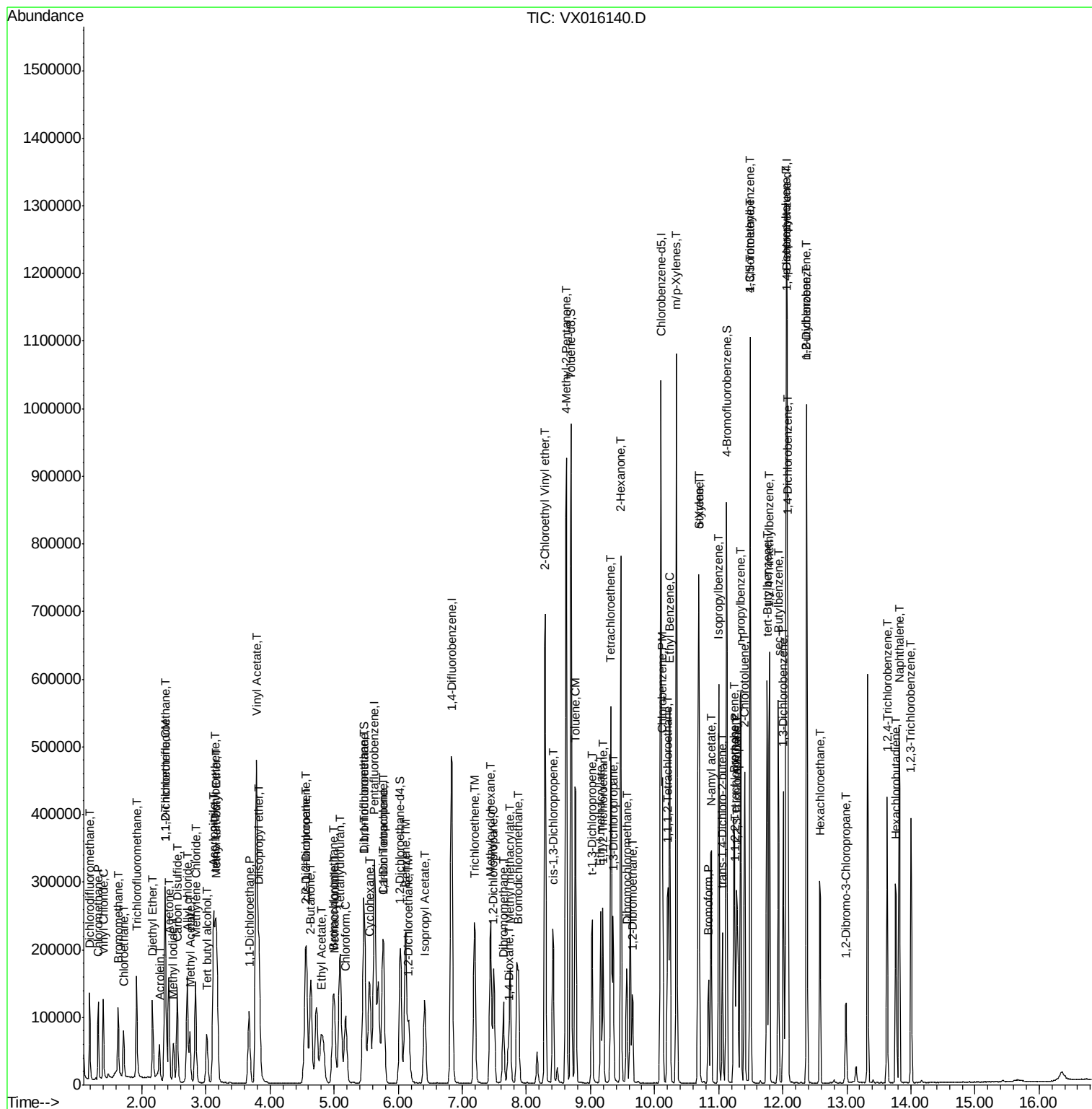
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051120\
 Data File : VX016140.D
 Acq On : 11 May 2020 11:48
 Operator : JC/SP
 Sample : VX0511WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

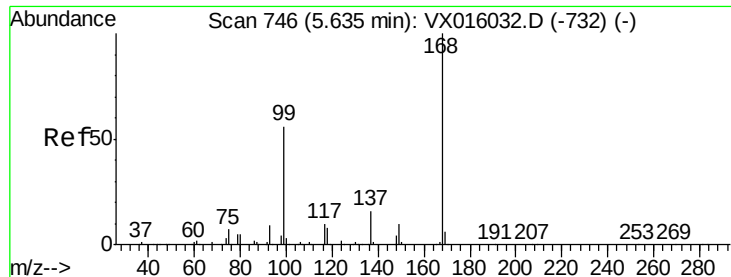
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0511WBS01

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 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
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#1

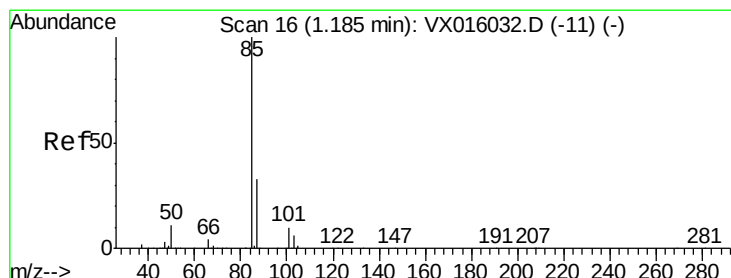
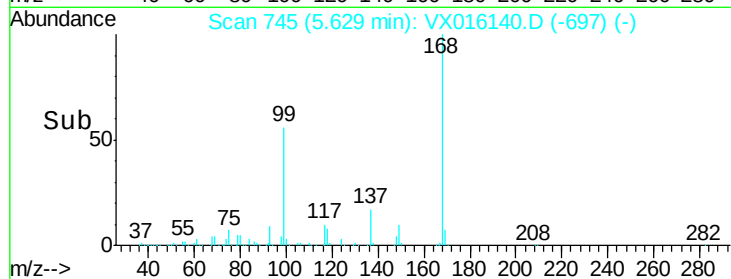
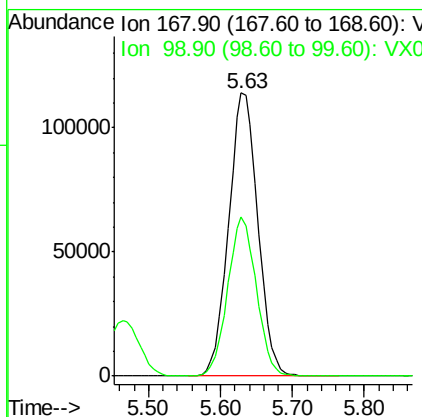
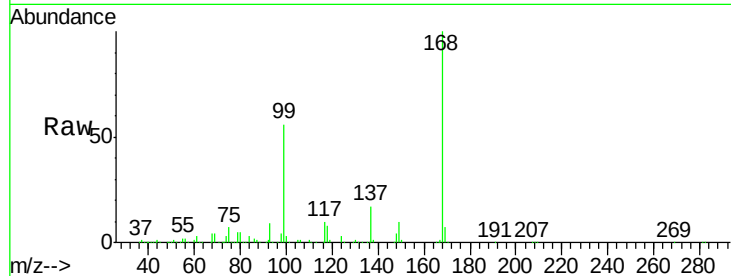
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.4	45.0	67.4

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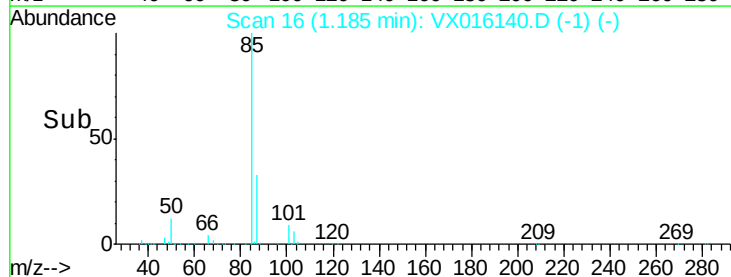
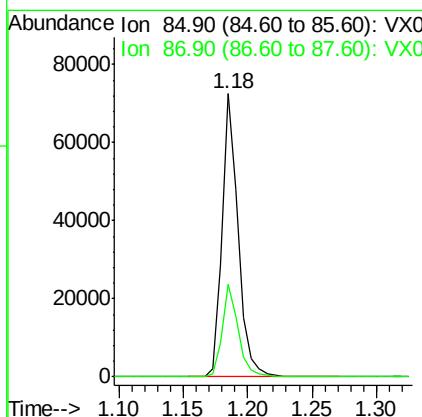
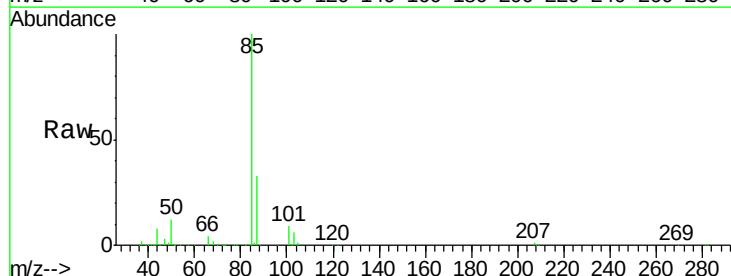
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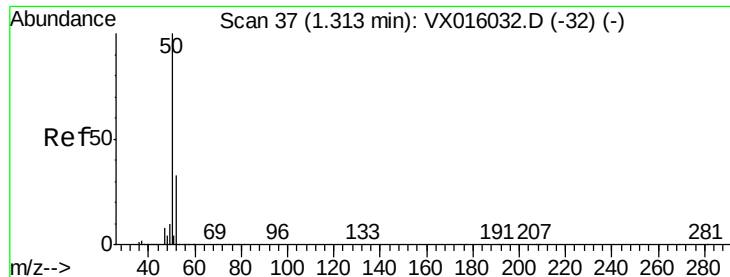


#2

Dichlorodifluoromethane
 Concen: 18.969 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.4	49.1





#3

Chloromethane

Concen: 17.846 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

Tot Ion: 50 Resp: 70351

Ion Ratio Lower Upper

50 100

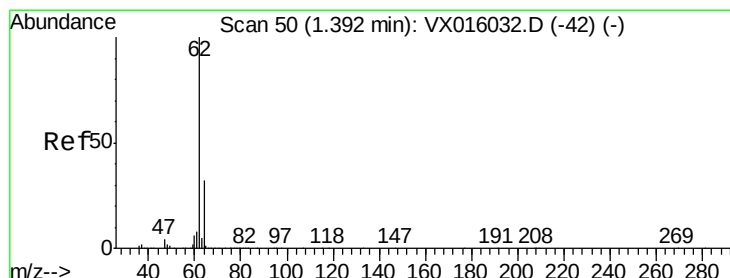
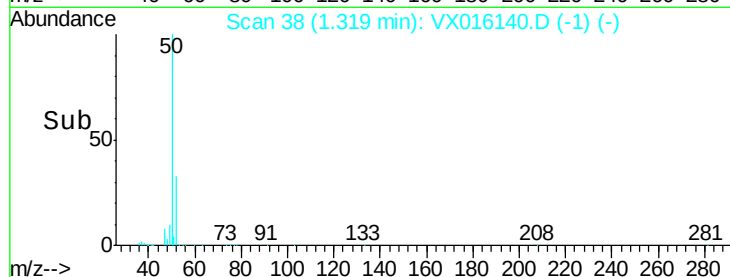
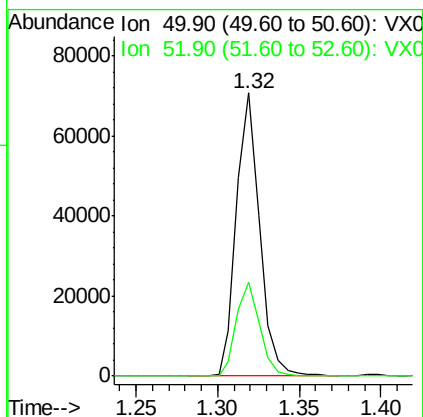
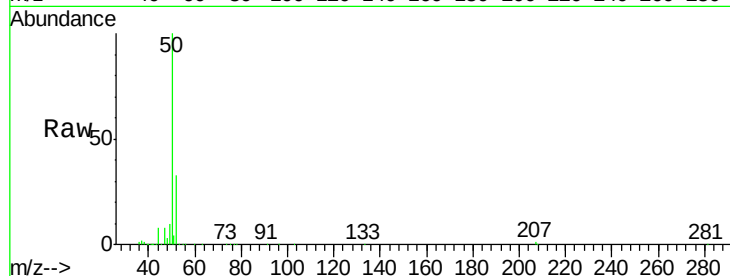
52 33.4 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.923 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX016140.D

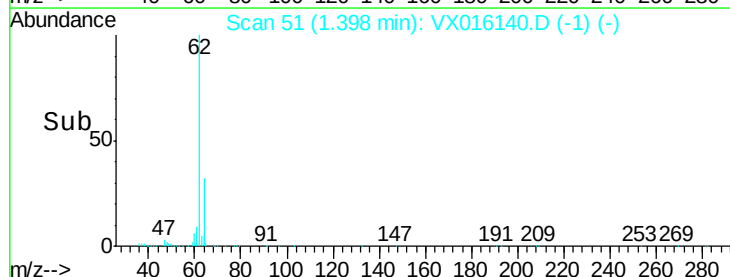
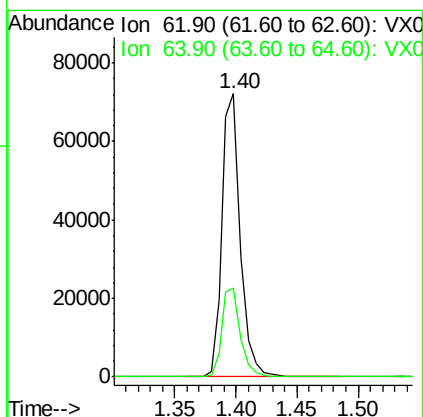
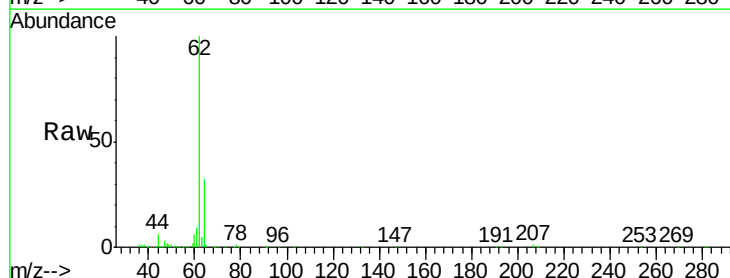
Acq: 11 May 2020 11:48

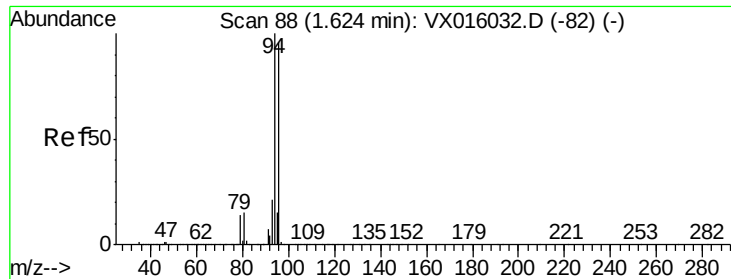
Tgt Ion: 62 Resp: 75378

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 20.357 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

Tot Ion: 94 Resp: 43163

Ion Ratio Lower Upper

94 100

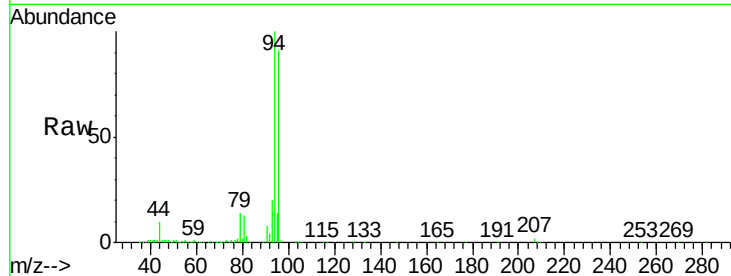
96 91.0 76.9 115.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

40000

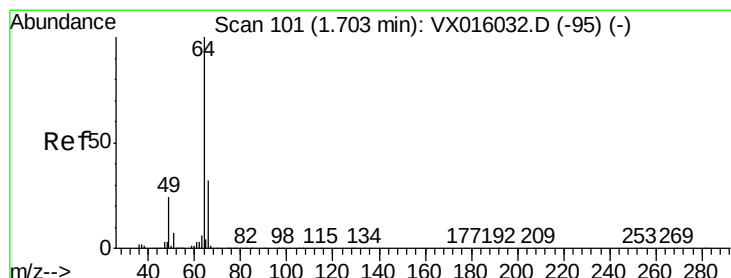
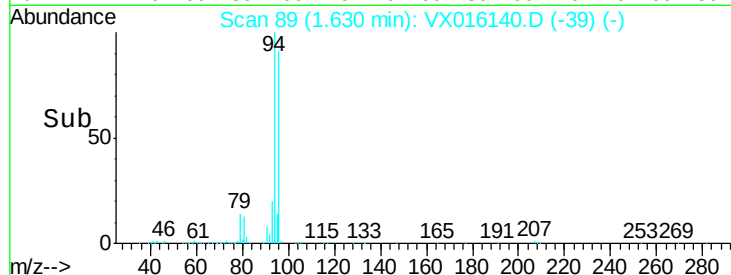
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 17.993 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016140.D

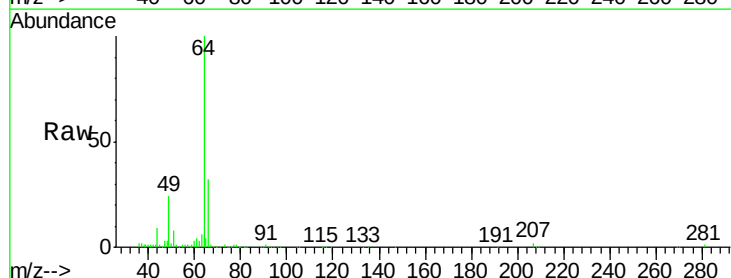
Acq: 11 May 2020 11:48

Tgt Ion: 64 Resp: 46044

Ion Ratio Lower Upper

64 100

66 31.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

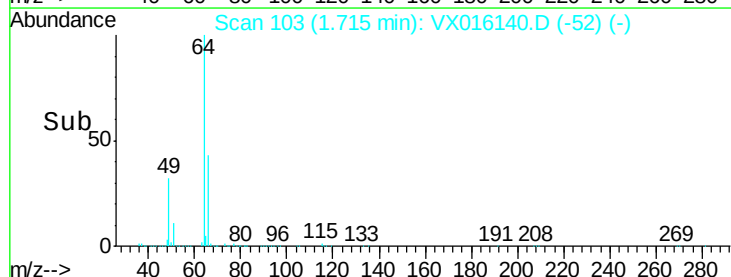
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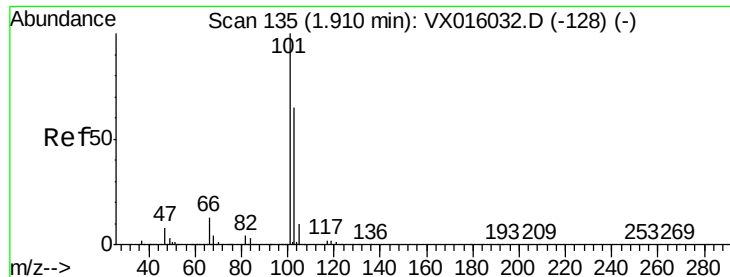
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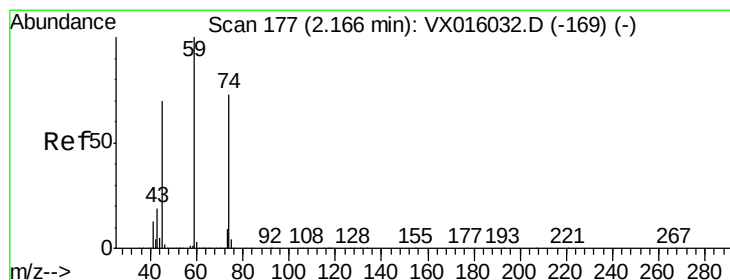
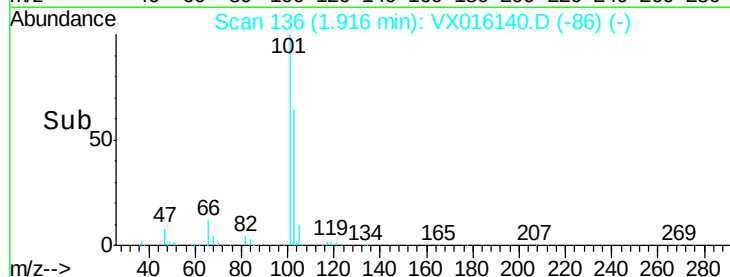
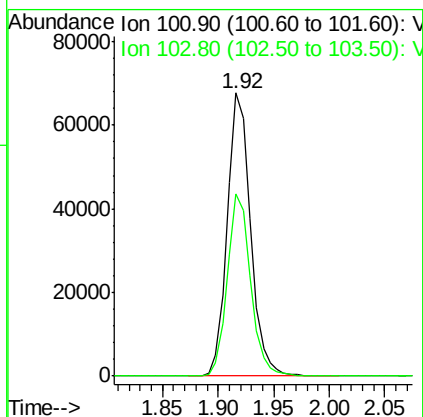
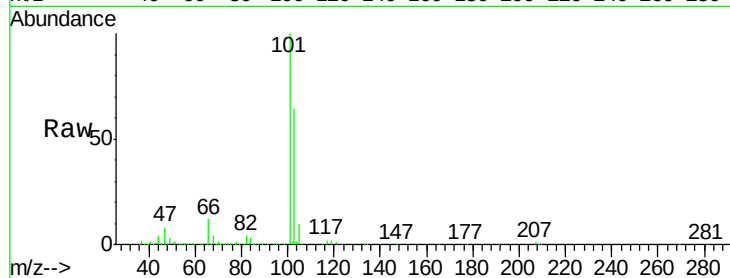
Trichlorofluoromethane
Concen: 17.761 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.8	77.6

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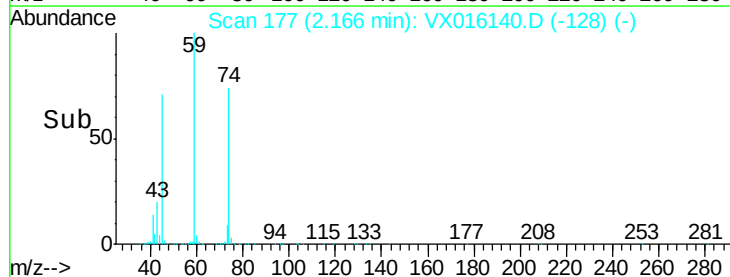
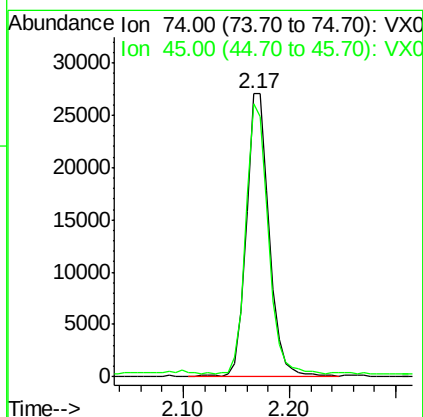
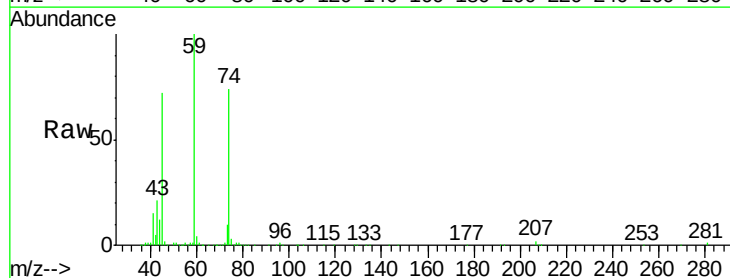
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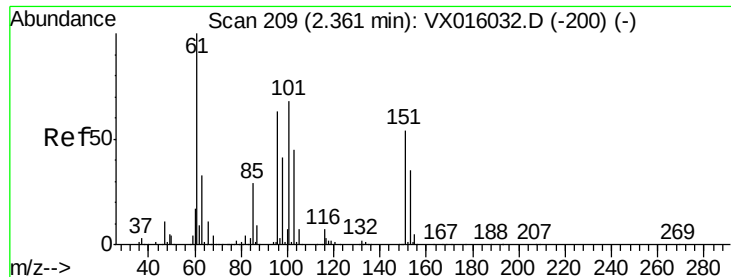


#8

Diethyl Ether
Concen: 17.298 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.1	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.736 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

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MSVOA_X

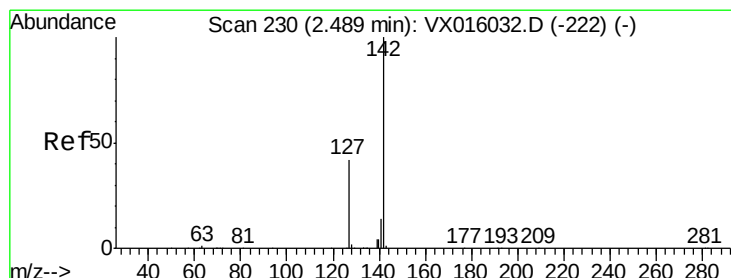
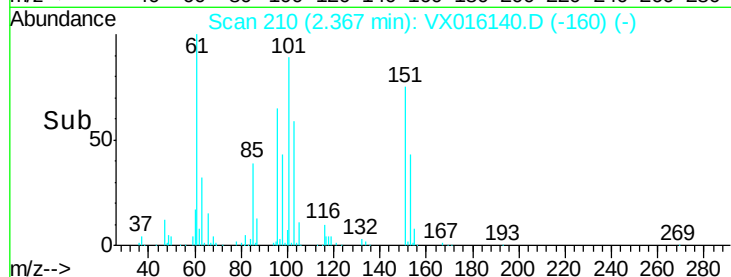
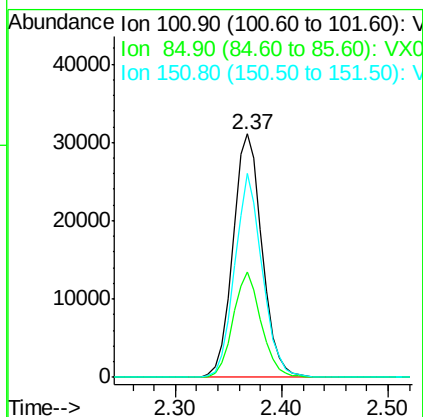
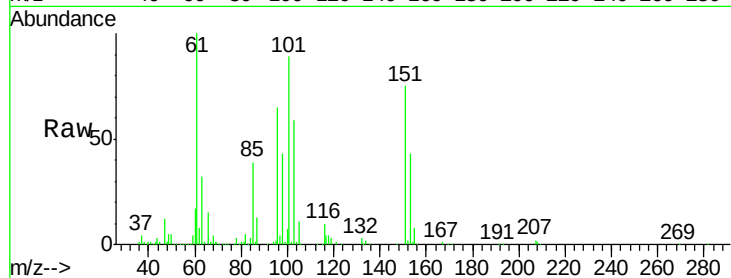
ClientSampleId :

VX0511WBS01

Tot Ion:	101	Resp:	59686
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.2	51.4
151	79.4	62.1	93.1

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#10

Methyl Iodide

Concen: 13.622 ug/l

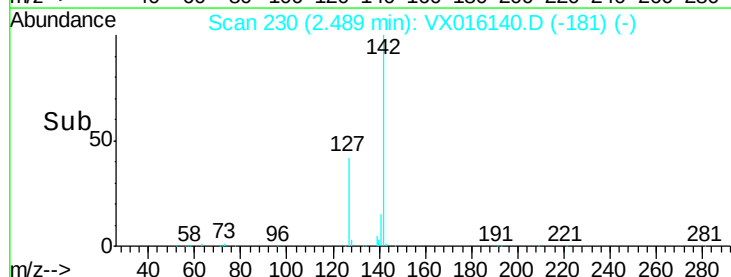
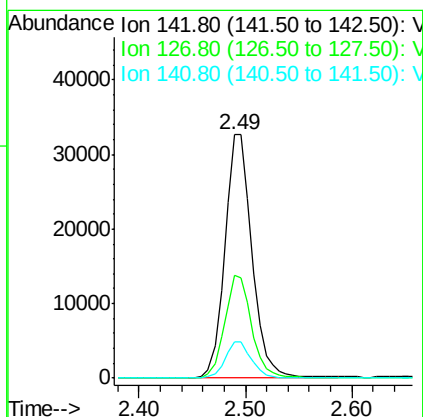
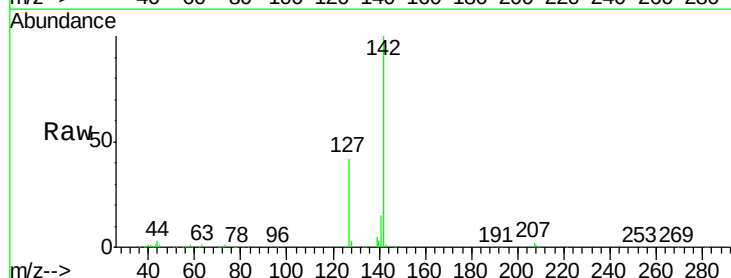
RT: 2.49 min Scan# 230

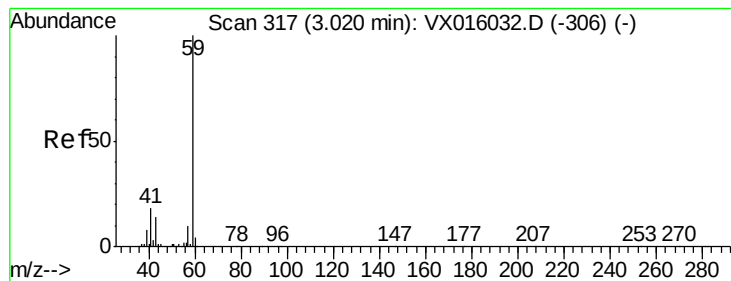
Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Tgt Ion:	142	Resp:	58286
Ion Ratio	Lower	Upper	
142	100		
127	42.1	34.6	52.0
141	14.4	11.3	16.9





#11

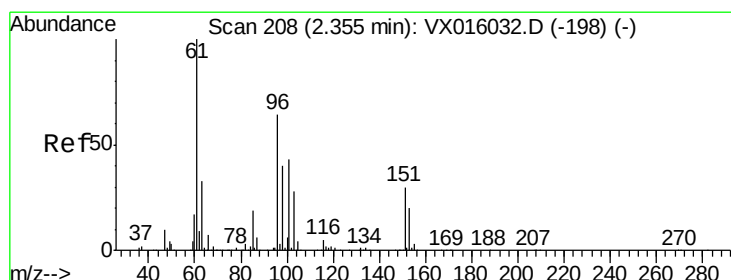
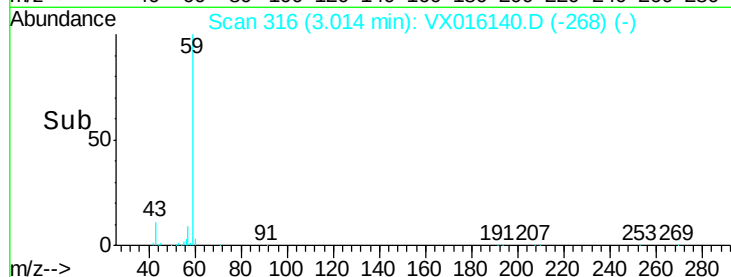
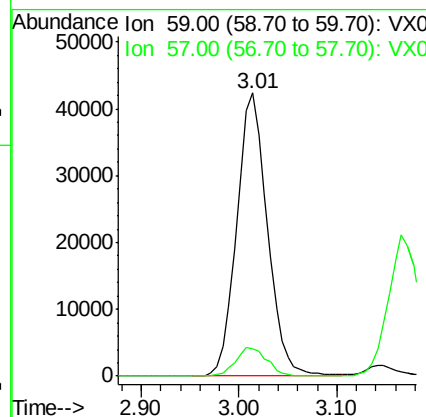
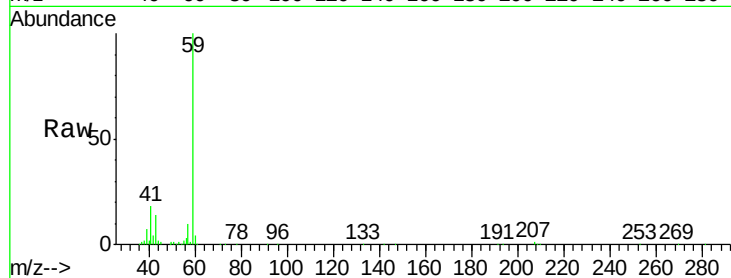
Tert butyl alcohol
 Concen: 86.690 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

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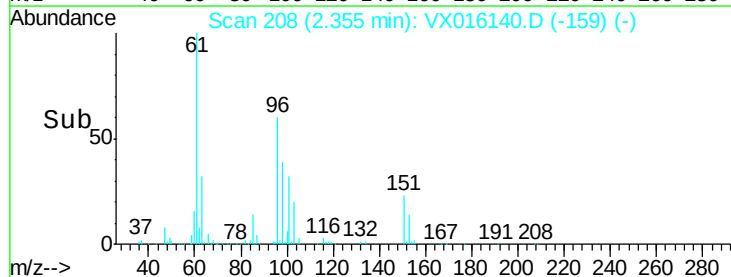
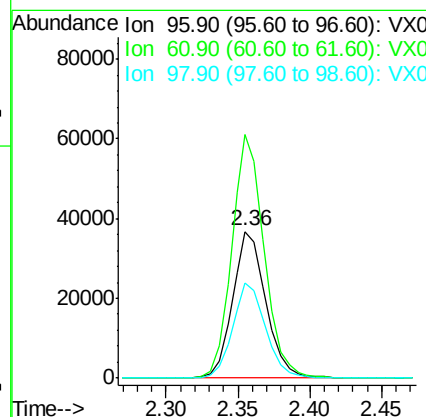
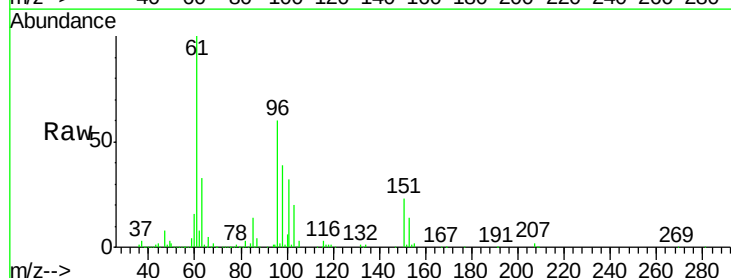
apatel
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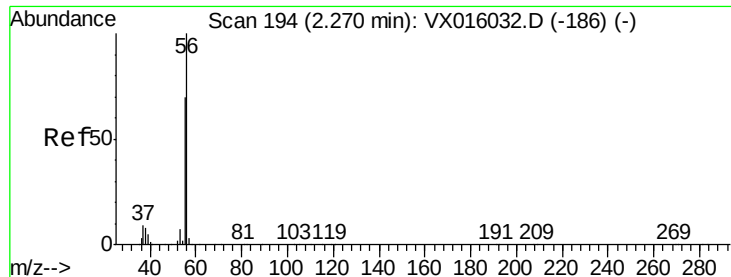


#12

1,1-Dichloroethene
 Concen: 17.635 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.3	124.8	187.2
98	65.1	49.7	74.5





#13

Acrolein

Concen: 52.833 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0511WBS01

Tot Ion: 56 Resp: 35280

Ion Ratio Lower Upper

56 100

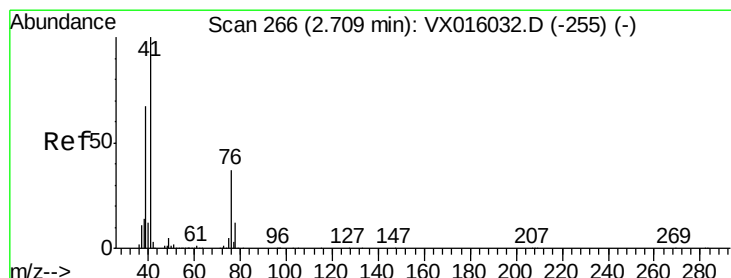
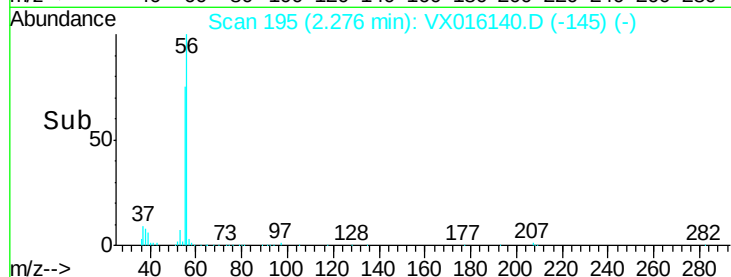
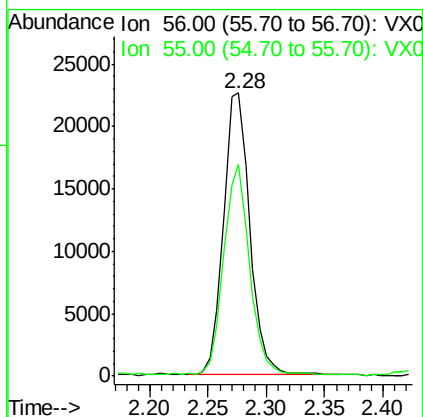
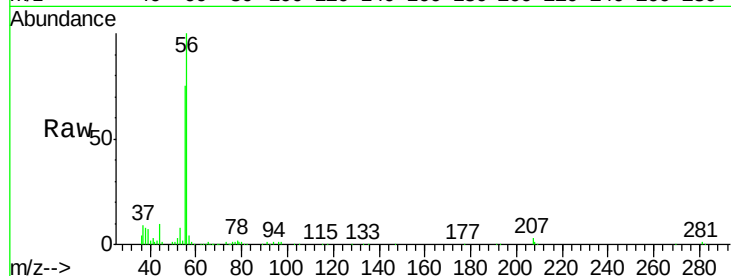
55 74.0 56.5 84.7

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#14

Allyl chloride

Concen: 17.980 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

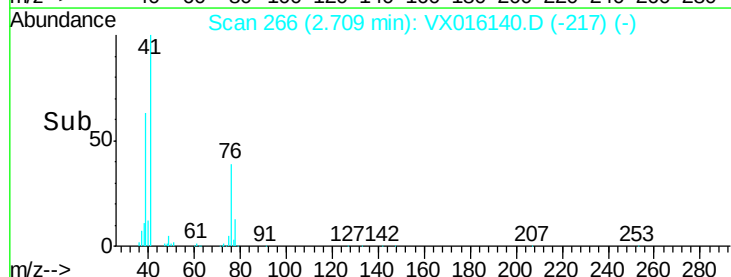
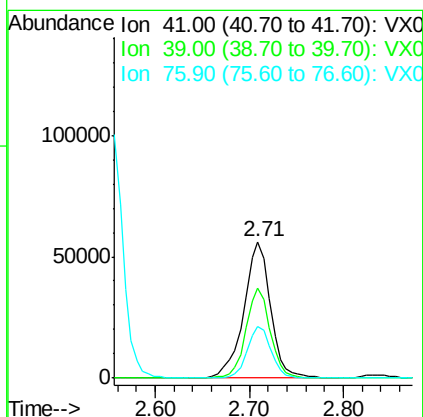
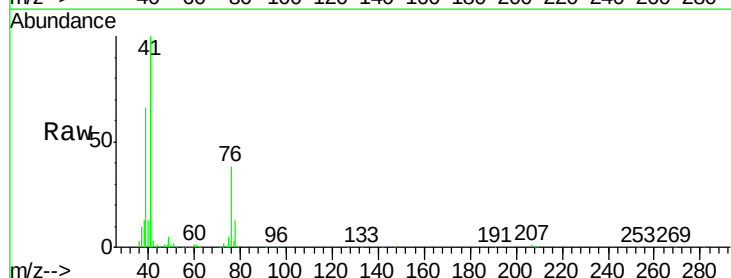
Tgt Ion: 41 Resp: 109896

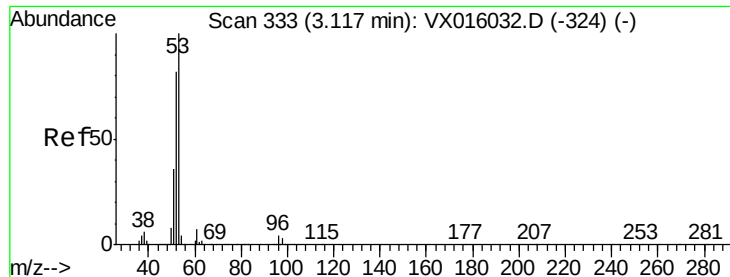
Ion Ratio Lower Upper

41 100

39 60.2 50.5 75.7

76 34.3 26.6 40.0





#15

Acrylonitrile

Concen: 89.418 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

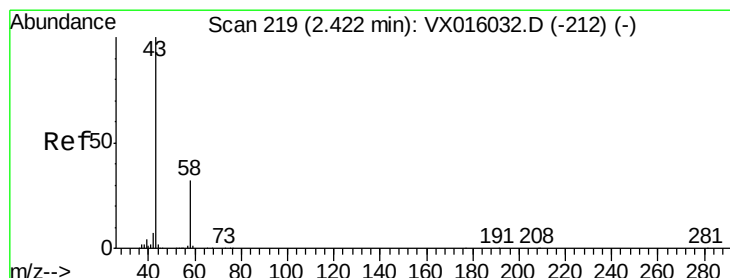
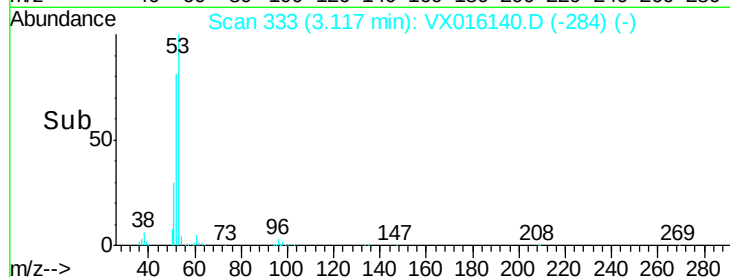
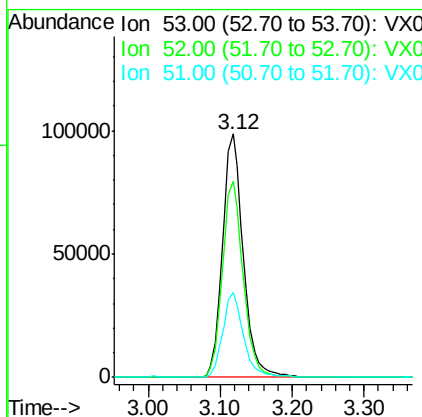
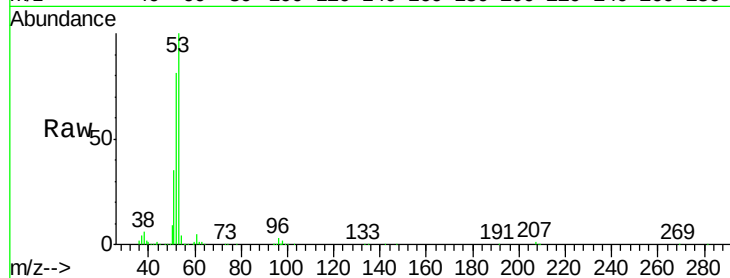
ClientSampleId :

VX0511WBS01

Tot Ion:	53	Resp:	197948
Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.1	99.1
51	35.2	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 84.406 ug/l

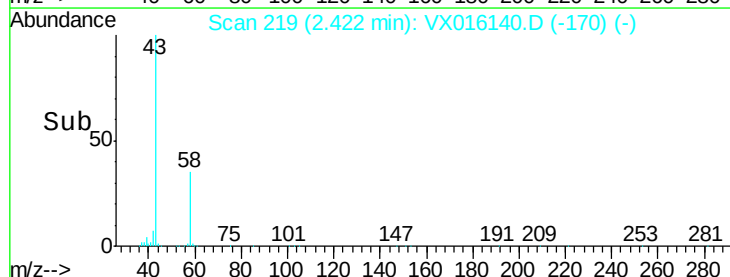
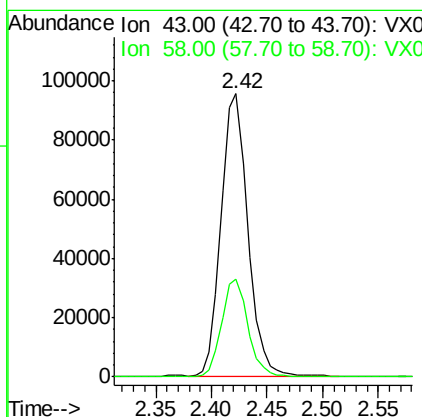
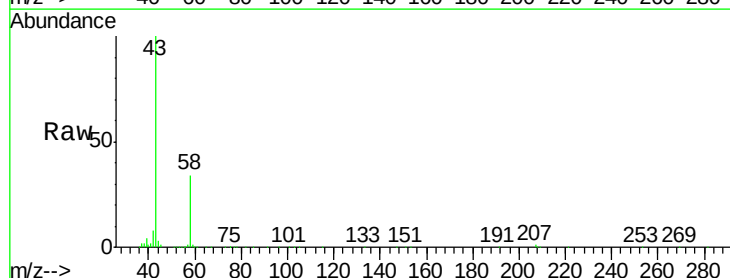
RT: 2.42 min Scan# 219

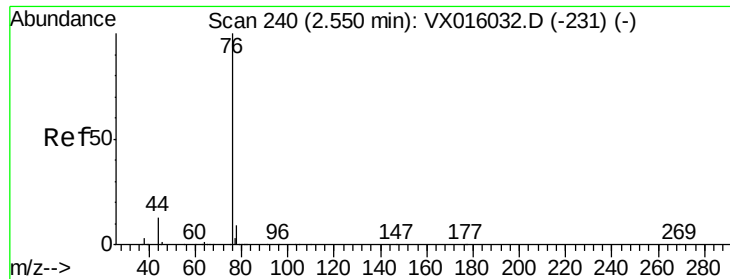
Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Tgt Ion:	43	Resp:	158927
Ion	Ratio	Lower	Upper
43	100		
58	34.4	25.4	38.0





#17

Carbon Disulfide

Concen: 17.606 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

Tot Ion: 76 Resp: 177598

Ion Ratio Lower Upper

76 100

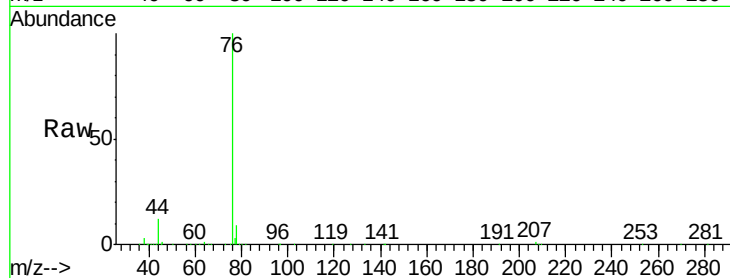
78 9.2 7.5 11.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

120000

100000

80000

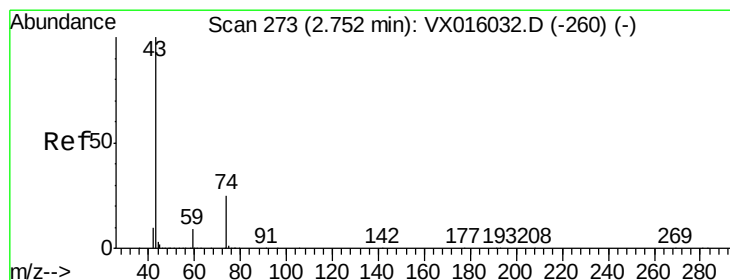
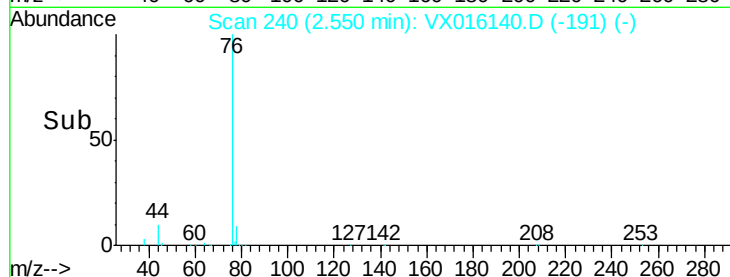
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 18.425 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016140.D

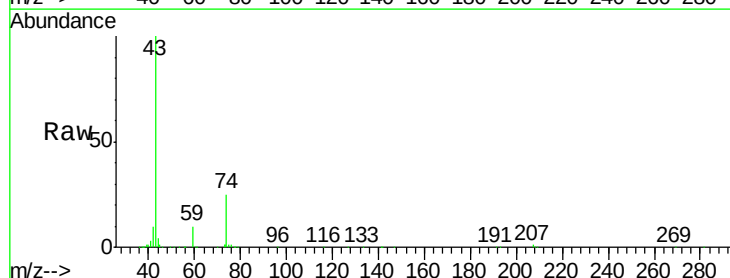
Acq: 11 May 2020 11:48

Tgt Ion: 43 Resp: 85298

Ion Ratio Lower Upper

43 100

74 25.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

50000

40000

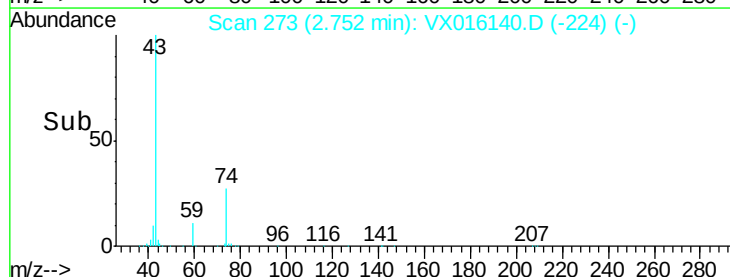
30000

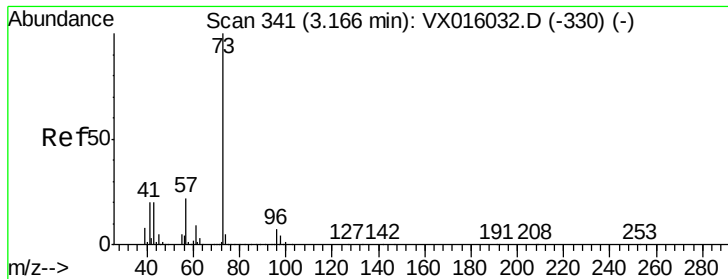
20000

10000

0

Time-->





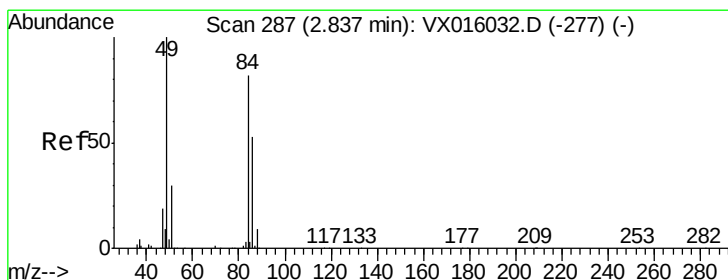
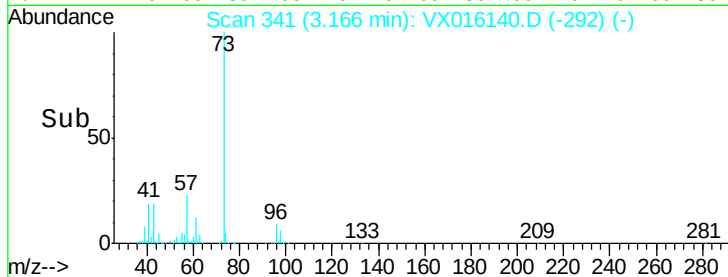
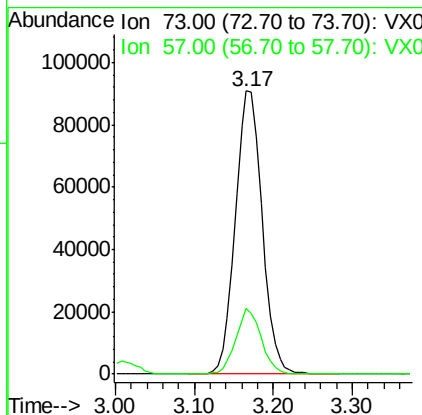
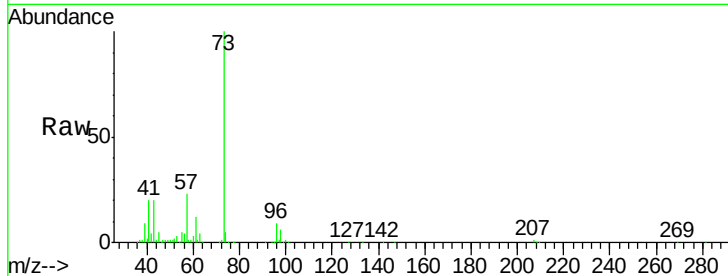
#19
Methyl tert-butyl Ether
Concen: 18.690 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Instrument :
MSVOA_X
ClientSampled :
VX0511WBS01

Tot Ion	73	Resp	214777
Ion Ratio	100	Lower	Upper
73	100		
57	23.2	17.8	26.6

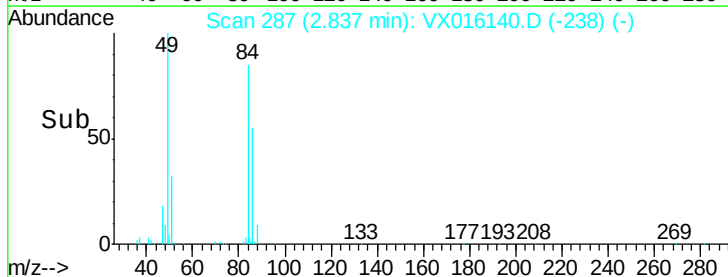
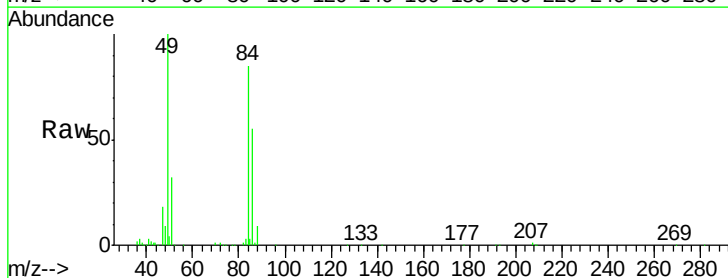
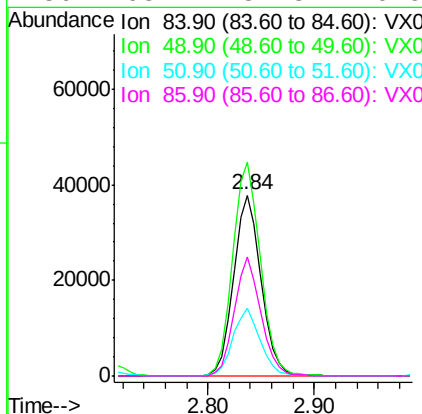
Manual Integrations
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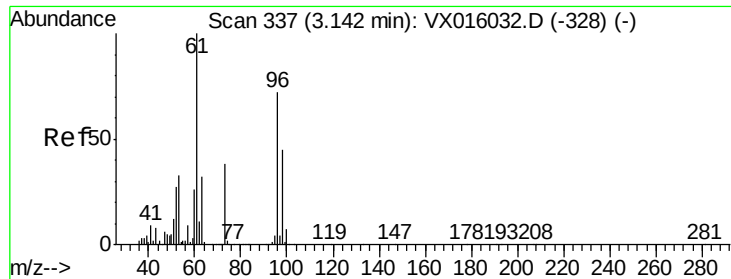
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#20
Methylene Chloride
Concen: 17.650 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion	84	Resp	68509
Ion Ratio	100	Lower	Upper
84	100		
49	117.9	97.3	145.9
51	37.8	29.3	43.9
86	65.4	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 17.537 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

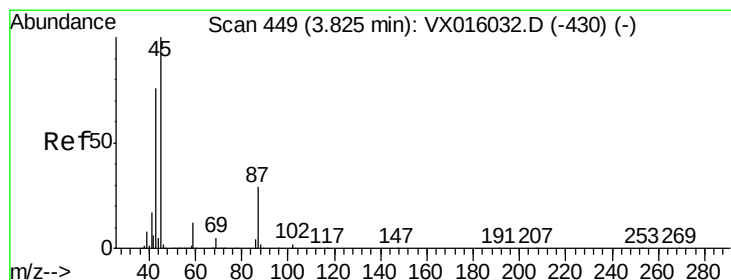
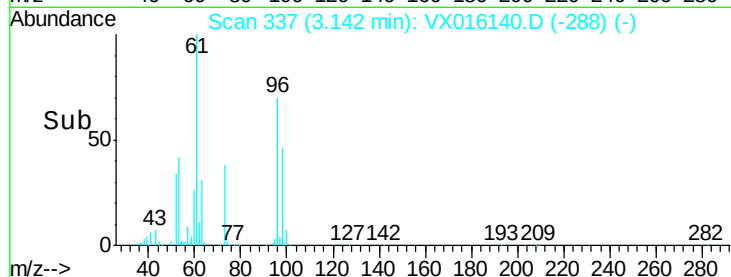
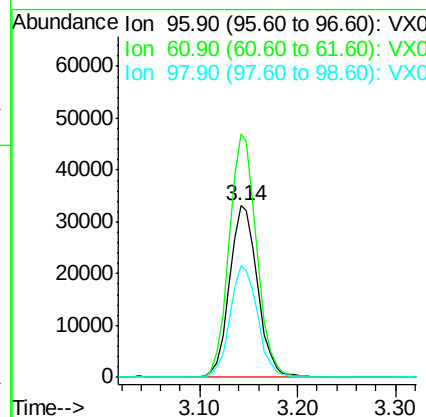
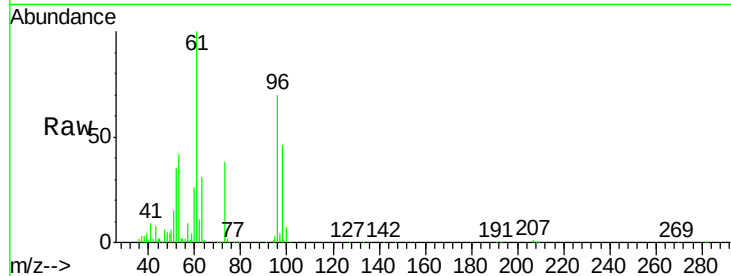
ClientSampleId :

VX0511WBS01

Tot Ion:	96	Resp:	65148
Ion	Ratio	Lower	Upper
96	100		
61	142.4	111.2	166.8
98	65.2	50.2	75.4

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#22

Diisopropyl ether

Concen: 18.513 ug/l

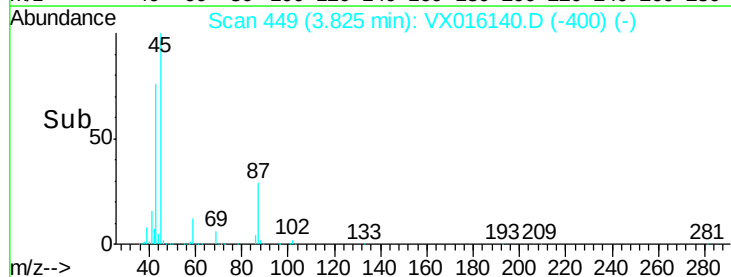
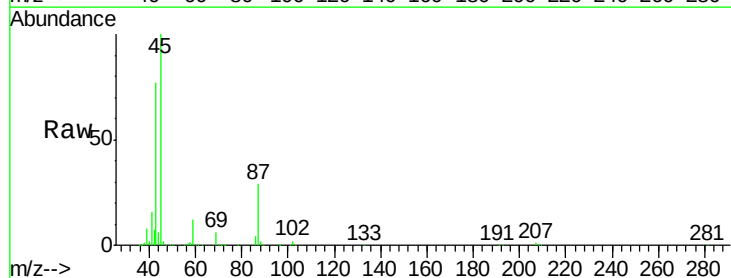
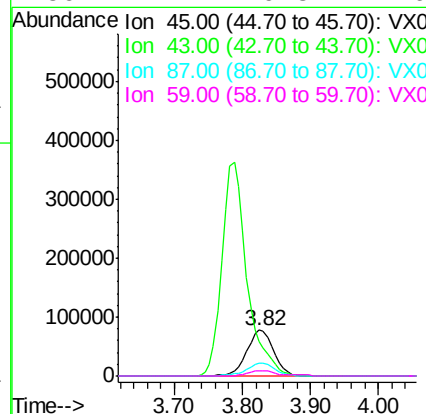
RT: 3.82 min Scan# 449

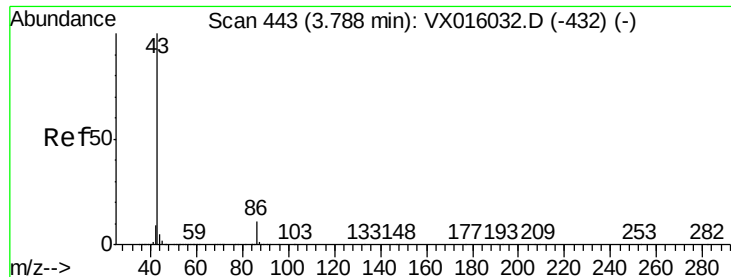
Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Tgt Ion:	45	Resp:	213473
Ion	Ratio	Lower	Upper
45	100		
43	76.3	61.1	91.7
87	29.5	23.0	34.6
59	12.1	9.8	14.6





#23

Vinyl Acetate

Concen: 91.769 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

Tot Ion: 43 Resp: 931000

Ion Ratio Lower Upper

43 100

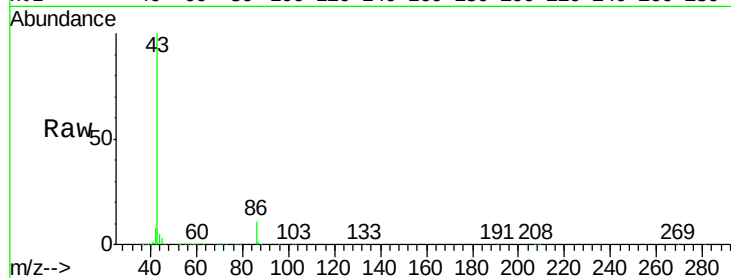
86 11.3 9.0 13.4

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

400000

300000

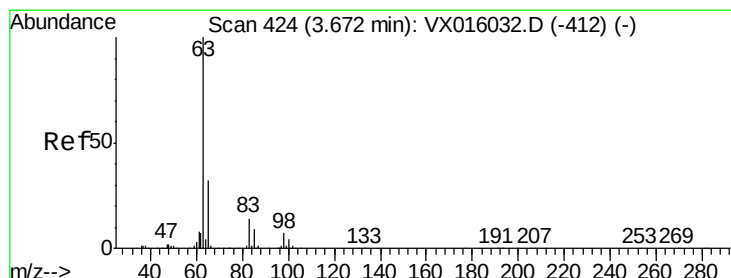
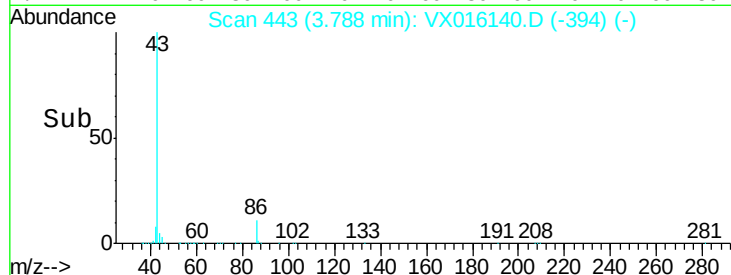
200000

100000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.673 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

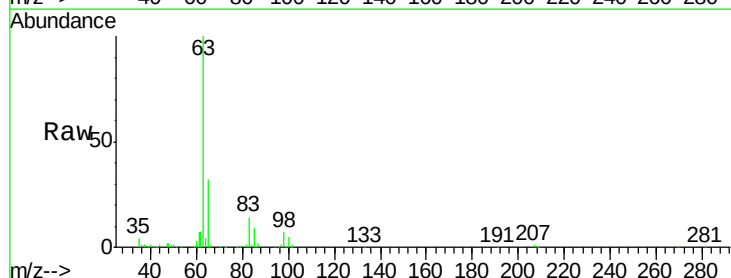
Tgt Ion: 63 Resp: 120451

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 4.7 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

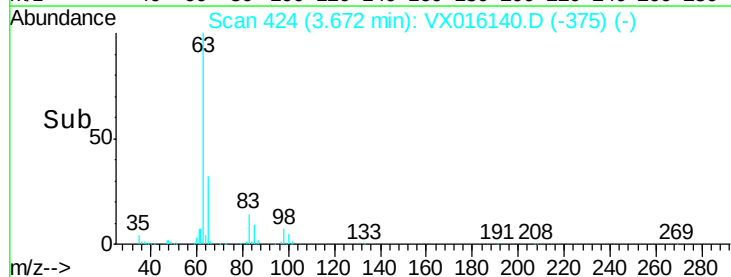
40000

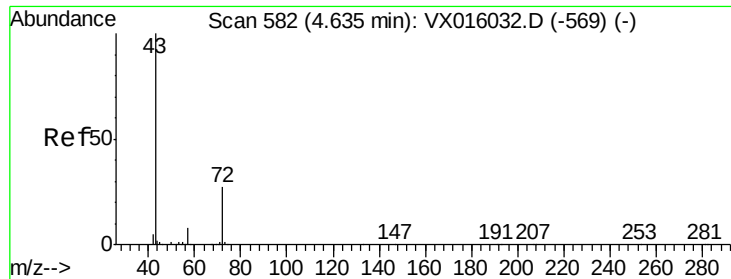
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 89.722 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

Tot Ion: 43 Resp: 272226

Ion Ratio Lower Upper

43 100

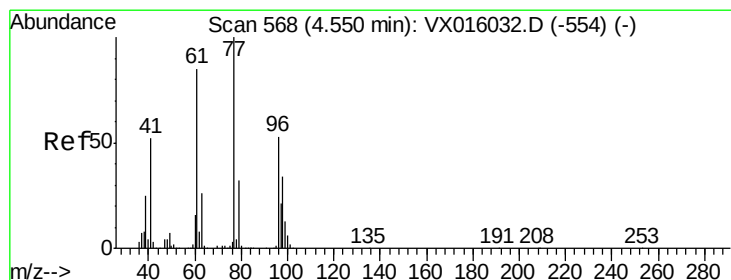
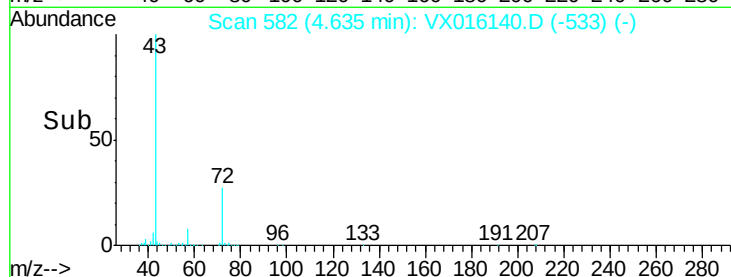
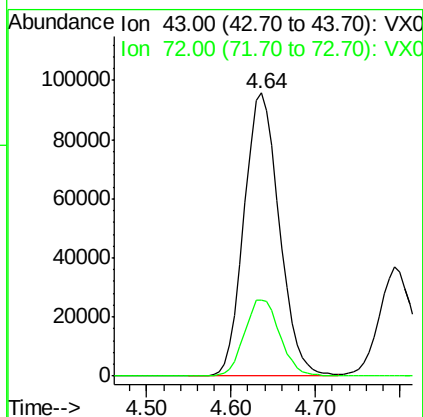
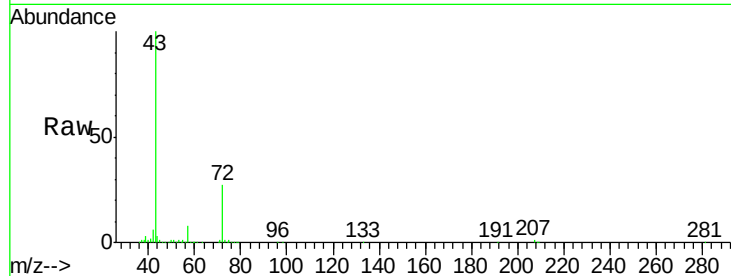
72 26.8 21.8 32.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.358 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016140.D

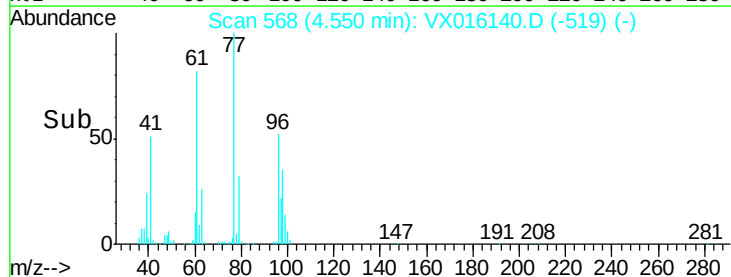
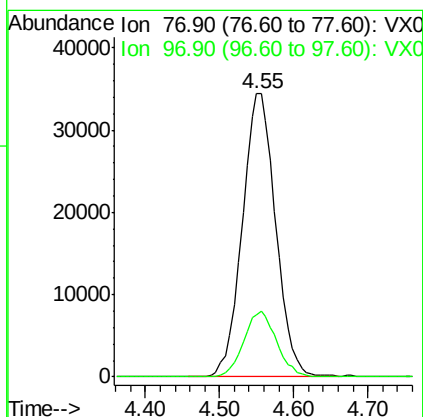
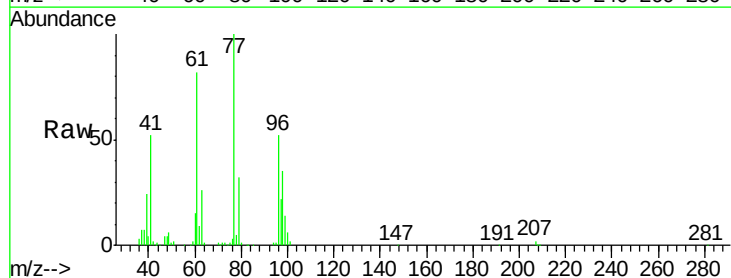
Acq: 11 May 2020 11:48

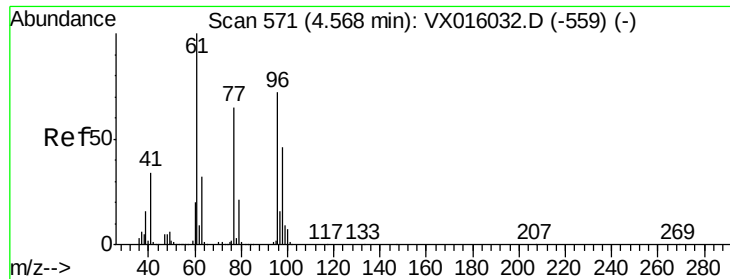
Tgt Ion: 77 Resp: 108146

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6





#27

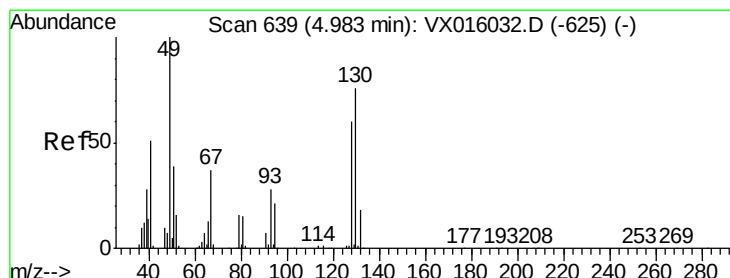
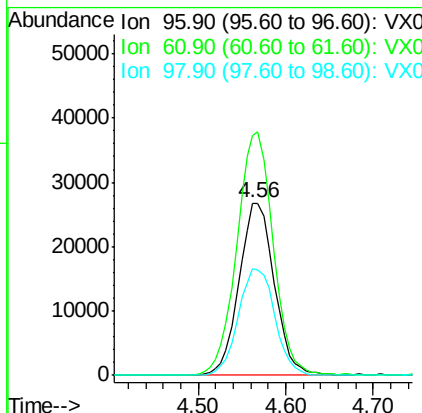
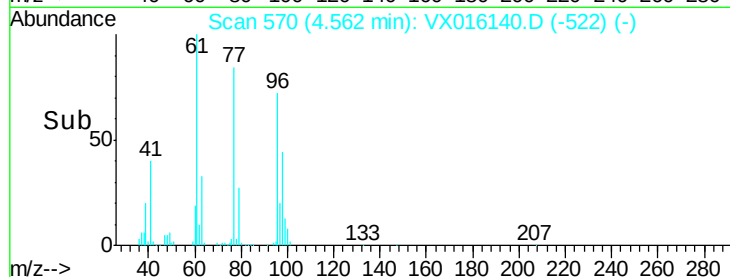
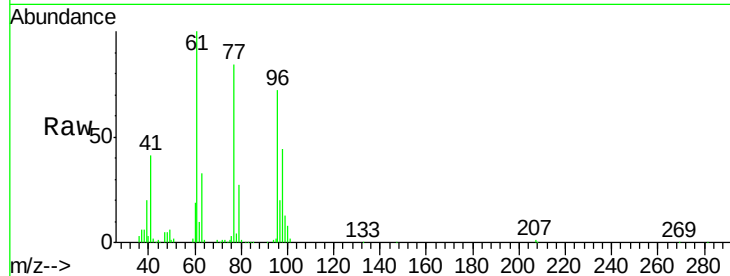
cis-1,2-Dichloroethene
Concen: 18.515 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	75194		
61	145.1		0.0	296.2
98	63.9		0.0	129.4

Manual Integrations
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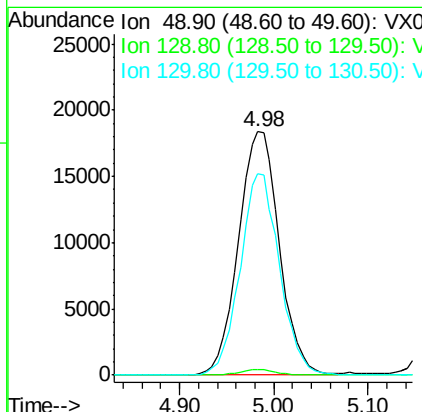
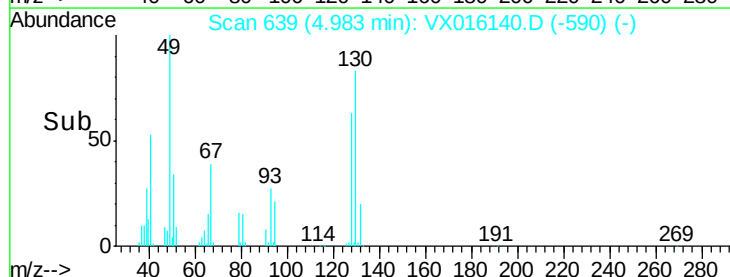
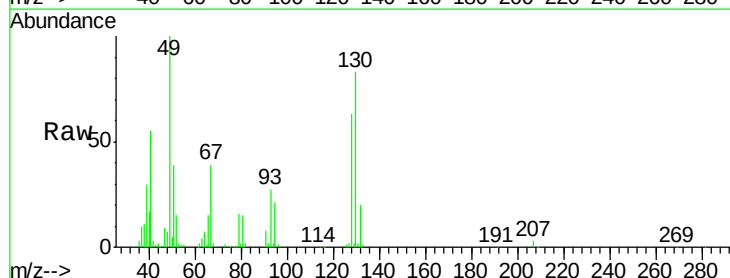
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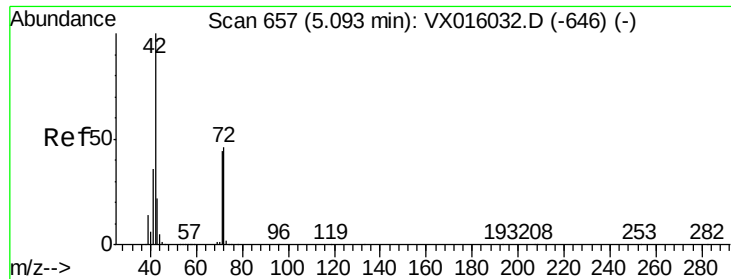


#28

Bromochloromethane
Concen: 18.886 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	55549		
129	2.0		0.0	4.0
130	79.7		62.4	93.6





#29

Tetrahydrofuran

Concen: 89.781 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

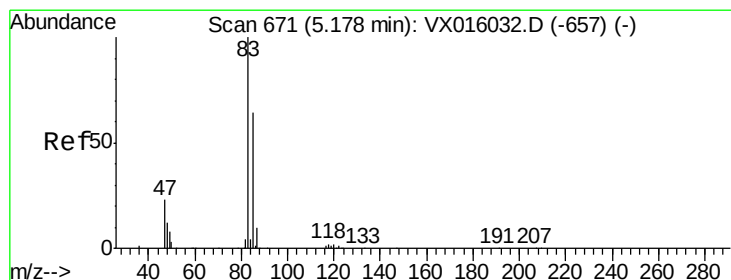
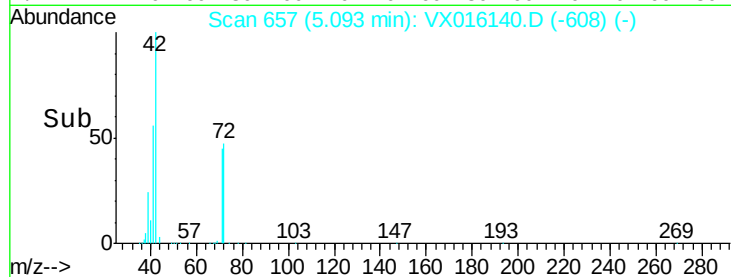
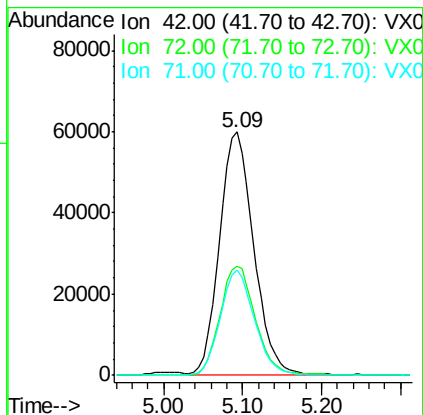
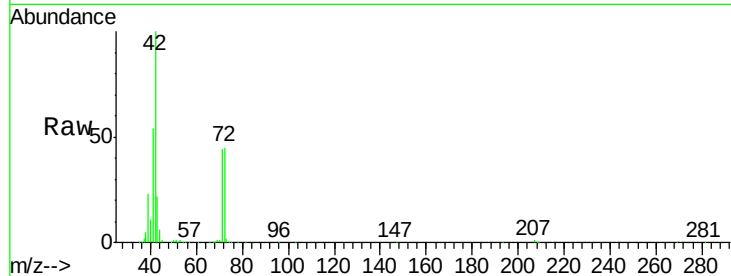
ClientSampleId :

VX0511WBS01

Tot Ion:	42	Resp:	180496
Ion Ratio		Lower	Upper
42	100		
72	46.6	37.1	55.7
71	43.3	34.5	51.7

Manual Integrations
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#30

Chloroform

Concen: 18.561 ug/l

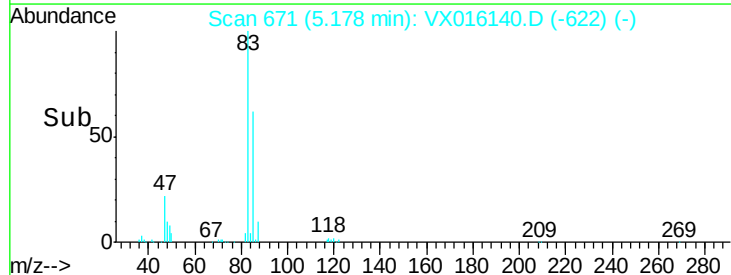
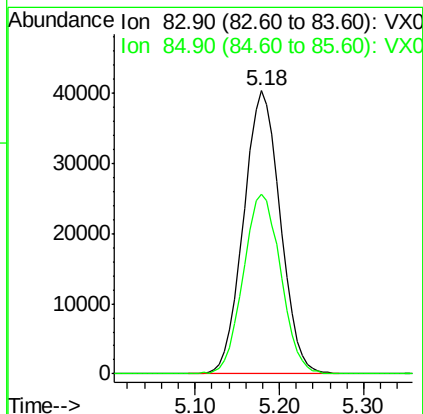
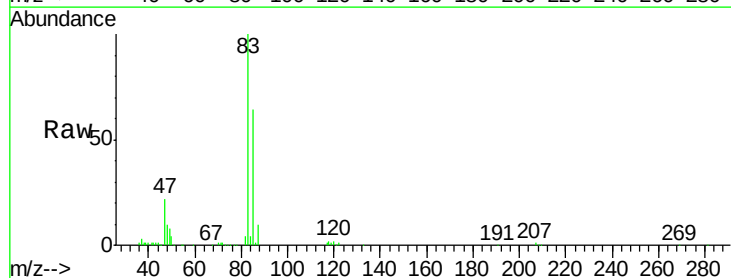
RT: 5.18 min Scan# 671

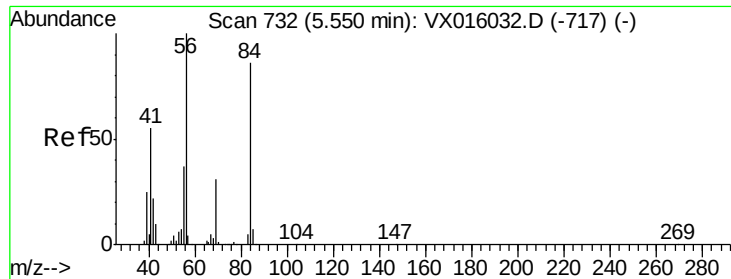
Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Tgt Ion:	83	Resp:	119209
Ion Ratio		Lower	Upper
83	100		
85	63.6	51.6	77.4





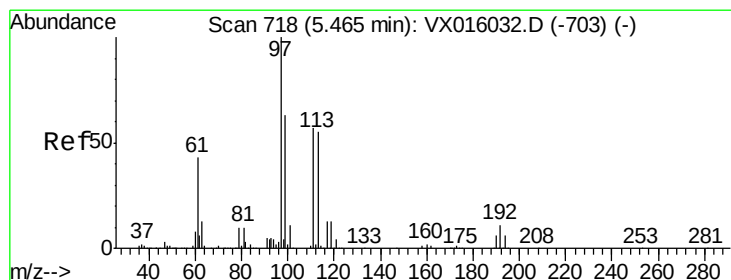
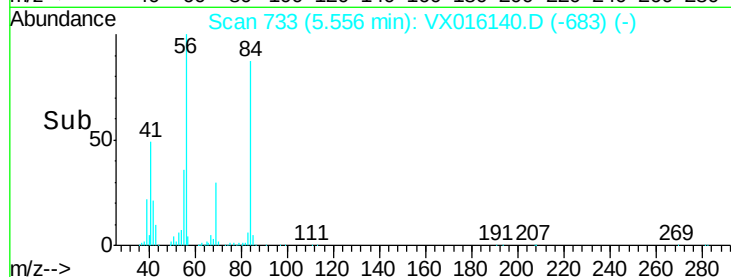
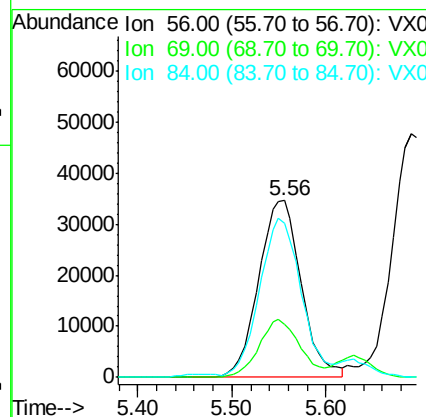
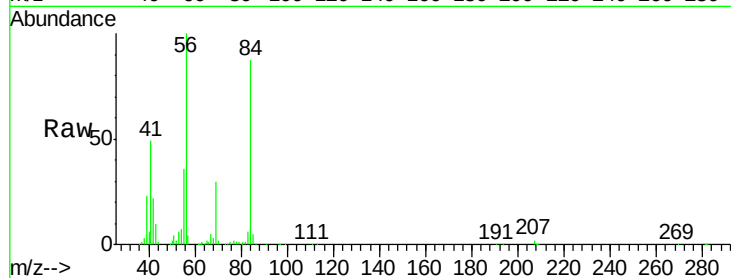
#31
Cyclohexane
Concen: 18.706 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.0	37.6
84	85.6	69.0	103.6

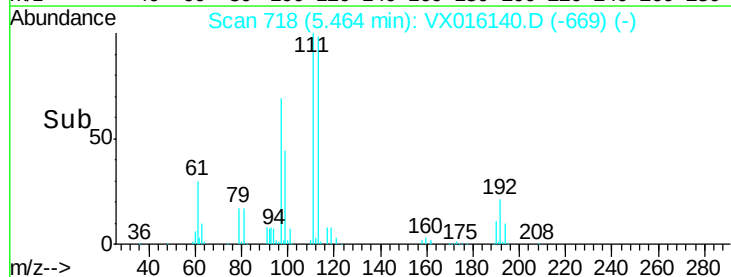
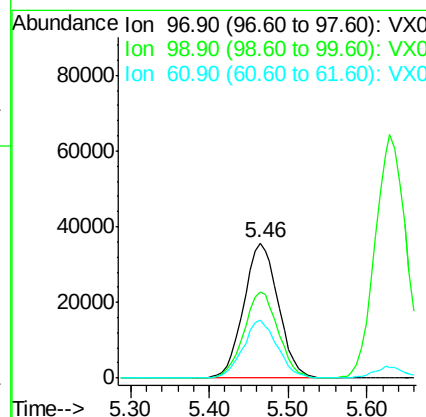
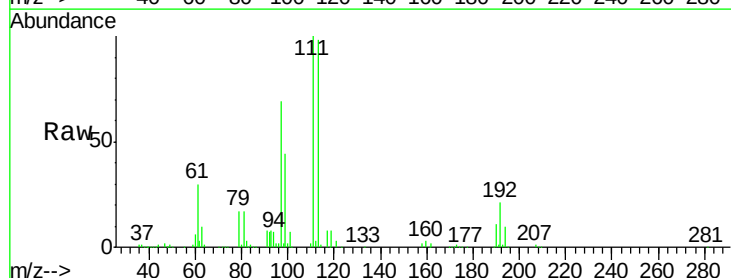
Manual Integrations
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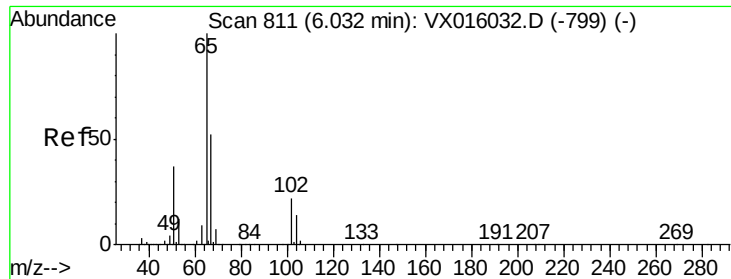
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#32
1,1,1-Trichloroethane
Concen: 18.616 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.0	76.4
61	42.6	34.5	51.7





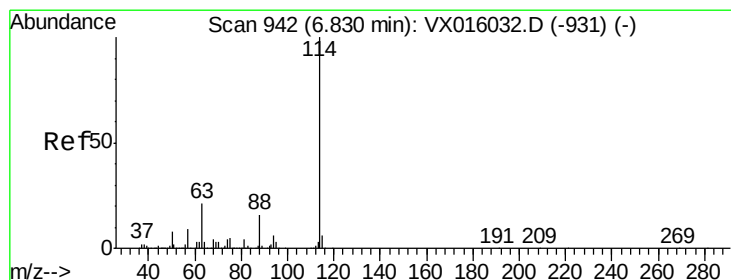
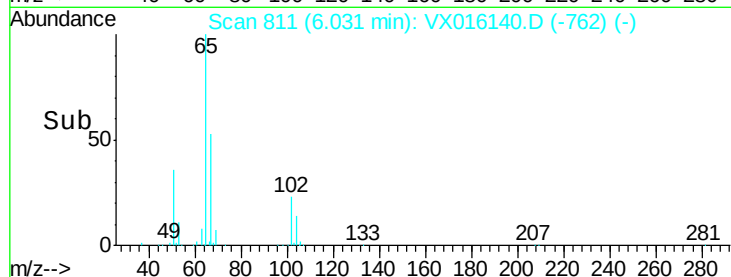
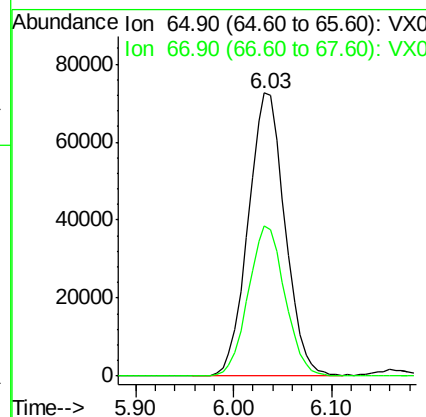
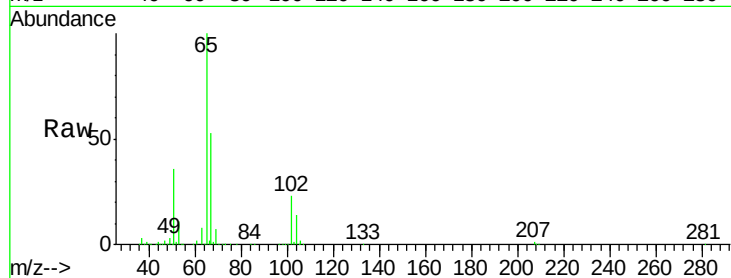
#33
 1,2-Dichloroethane-d4
 Concen: 44.918 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	189551		
67	52.9	0.0	104.8	

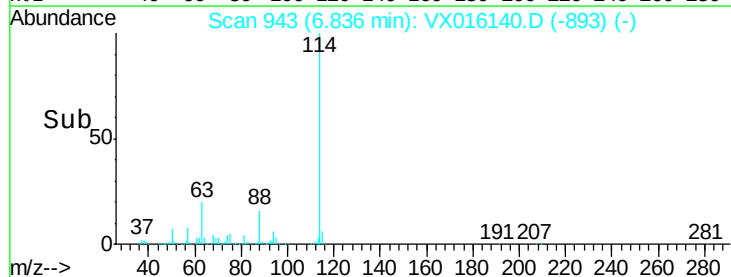
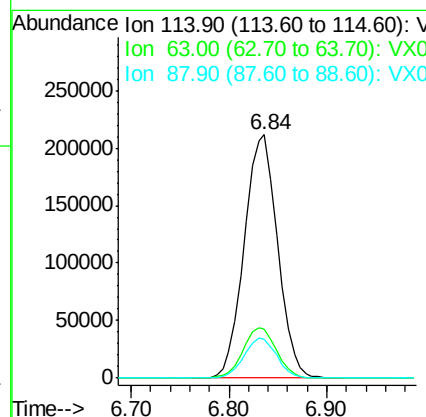
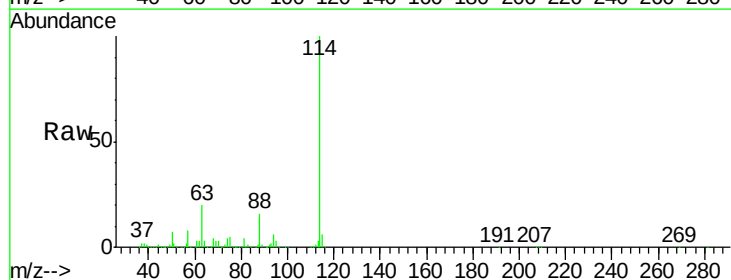
Manual Integrations
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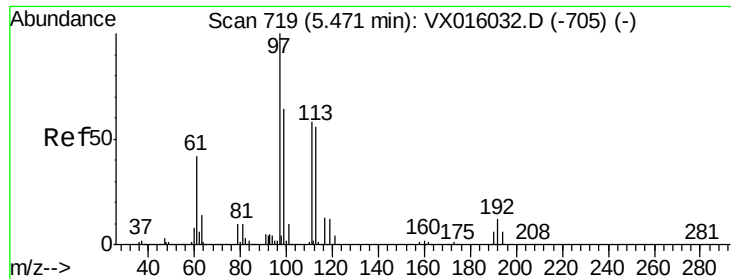
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	500583		
63	20.2	0.0	42.8	
88	16.0	0.0	31.4	





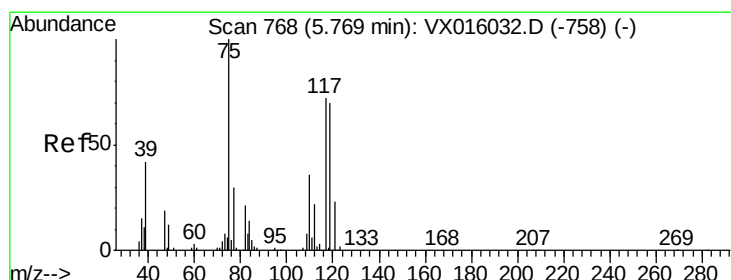
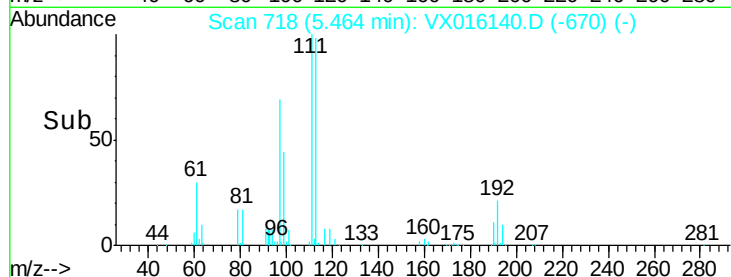
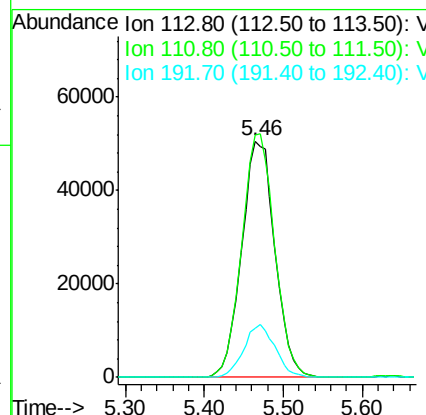
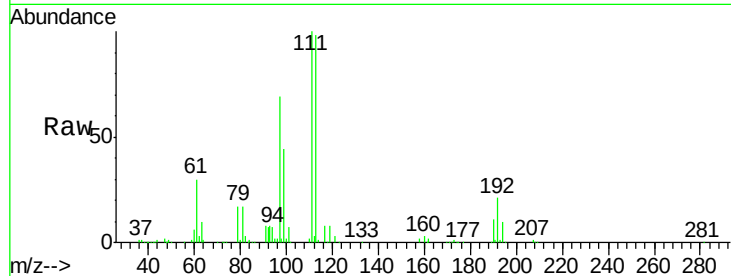
#35
 Dibromofluoromethane
 Concen: 46.778 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.9	81.6	122.4	
192	21.2	17.0	25.4	

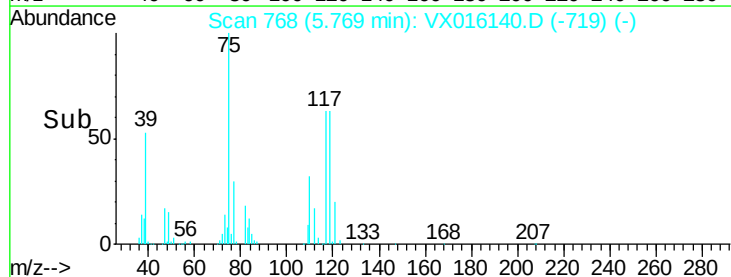
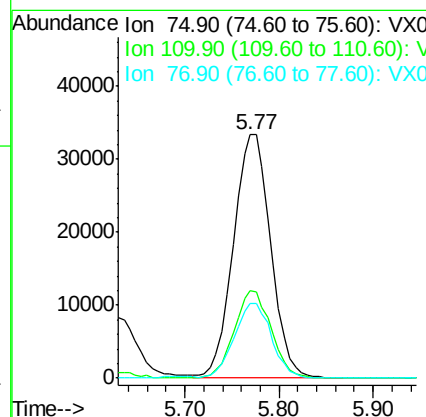
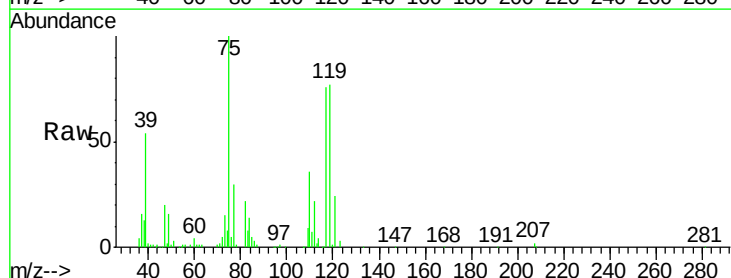
Manual Integrations
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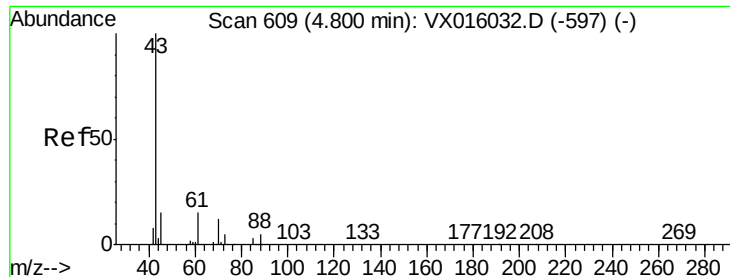
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#36
 1,1-Dichloropropene
 Concen: 18.722 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.6	18.1	54.1	
77	30.4	25.0	37.6	





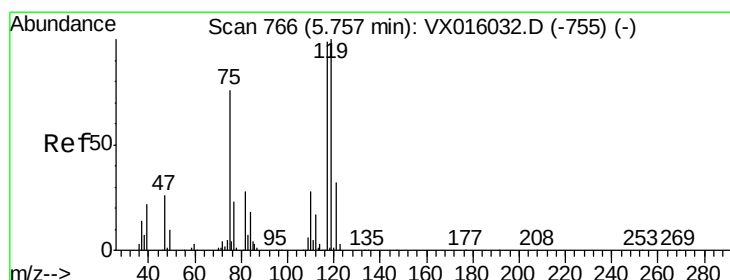
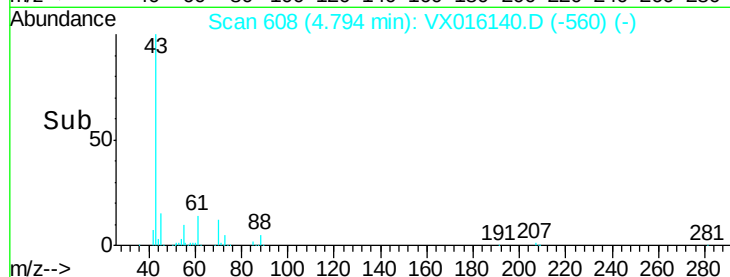
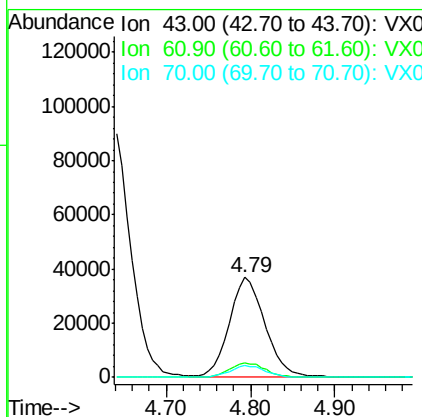
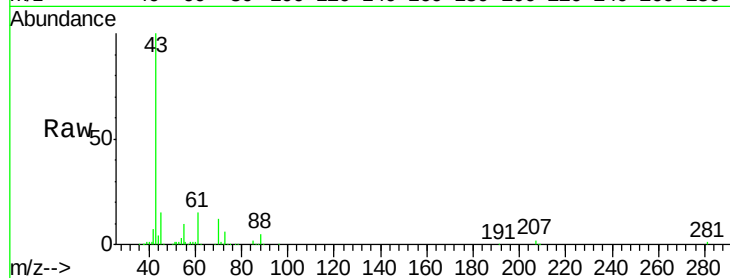
#37
Ethyl Acetate
Concen: 18.311 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.7	17.5
70	11.8	9.3	13.9

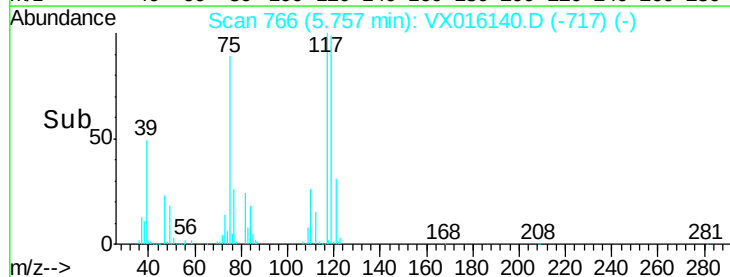
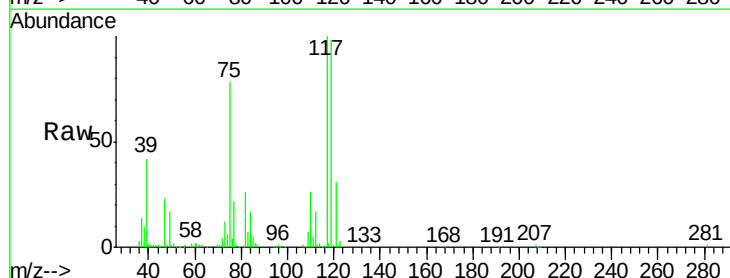
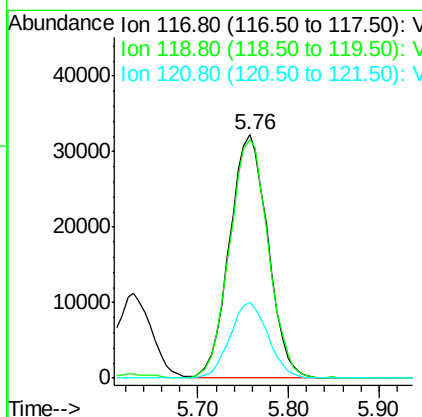
Manual Integrations
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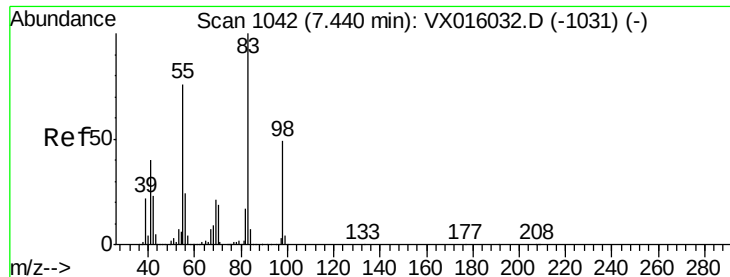
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#38
Carbon Tetrachloride
Concen: 18.897 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	80.3	120.5
121	31.0	25.7	38.5





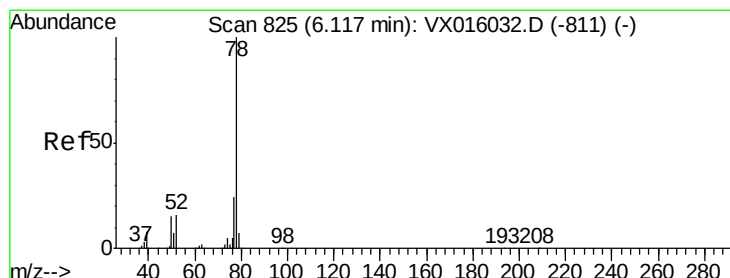
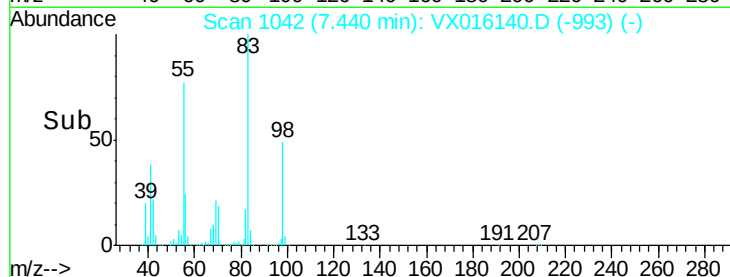
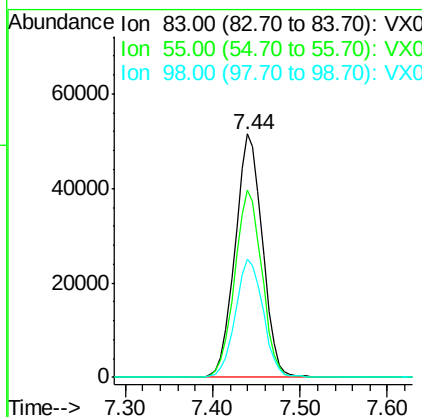
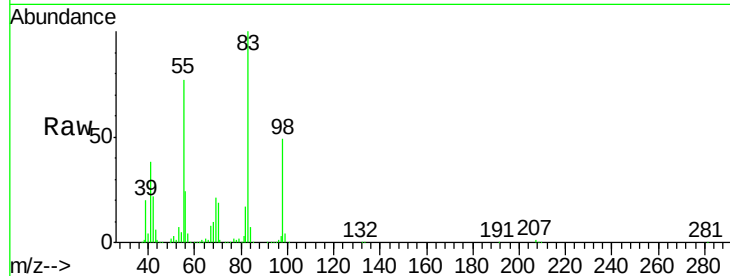
#39
Methylvlcyclohexane
Concen: 18.871 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.1	91.7
98	48.6	39.0	58.4

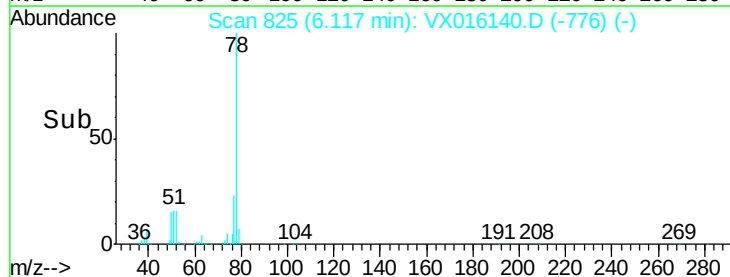
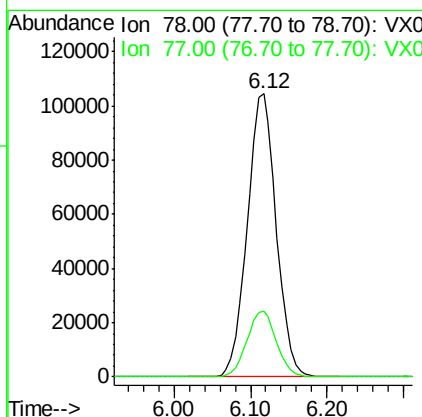
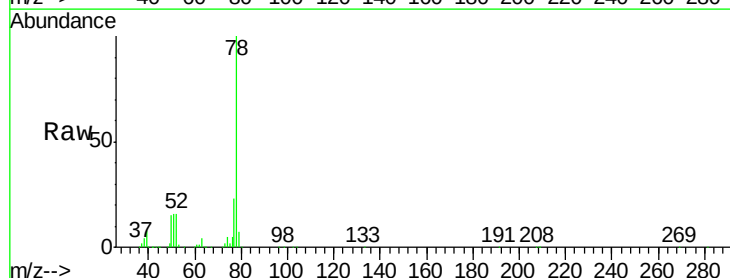
Manual Integrations
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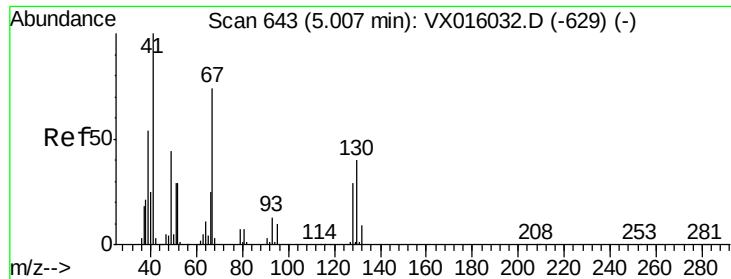
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#40
Benzene
Concen: 18.997 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4





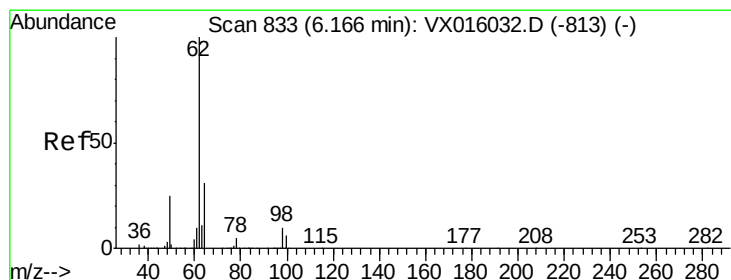
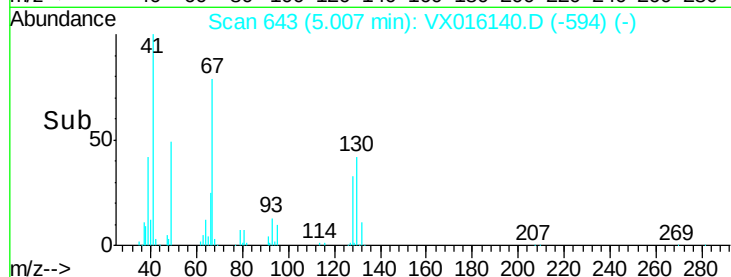
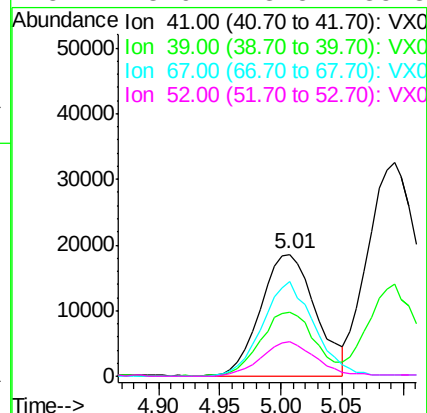
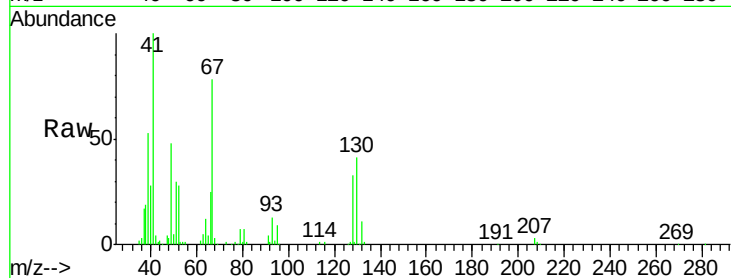
#41
Methacrylonitrile
Concen: 18.783 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	50.8	43.2	64.8	
67	74.1	59.3	88.9	
52	28.9	23.5	35.3	

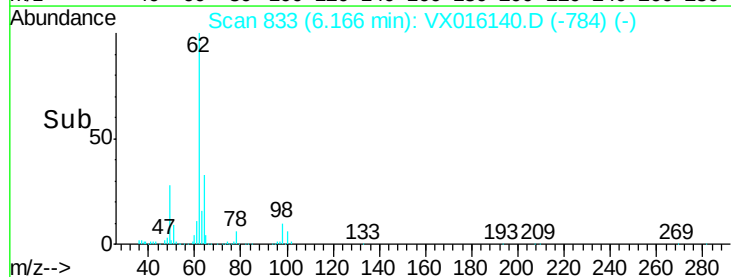
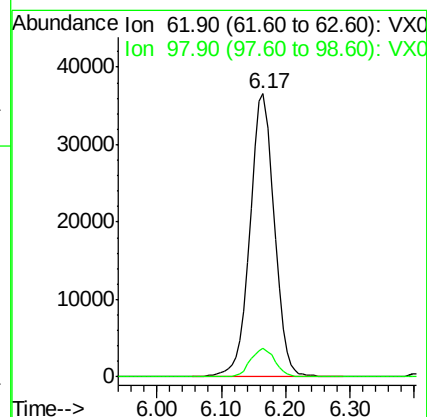
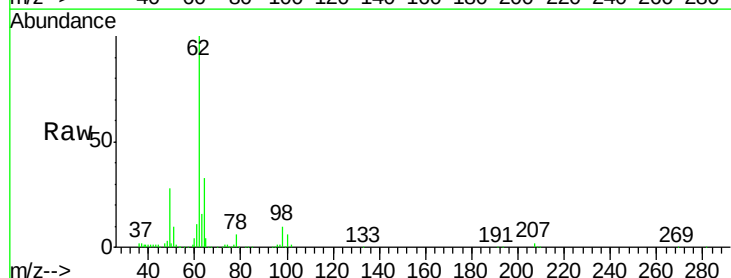
Manual Integrations
APPROVED

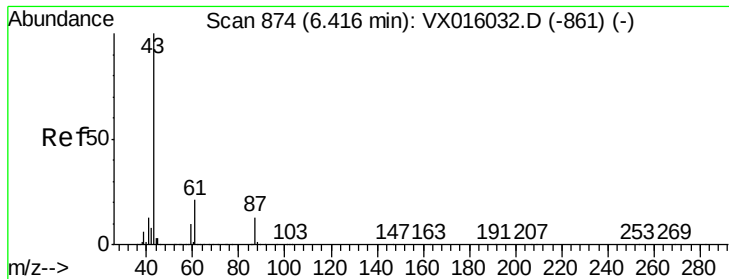
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#42
1,2-Dichloroethane
Concen: 18.247 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	19.4	





#43

Isopropyl Acetate

Concen: 18.530 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

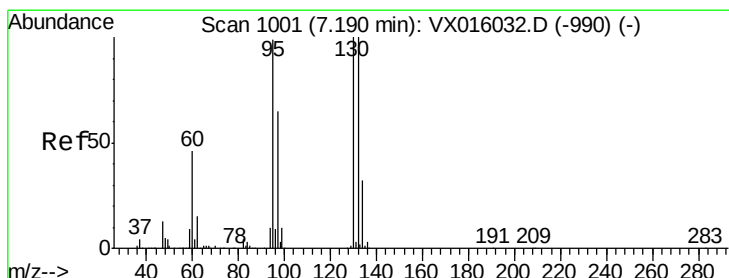
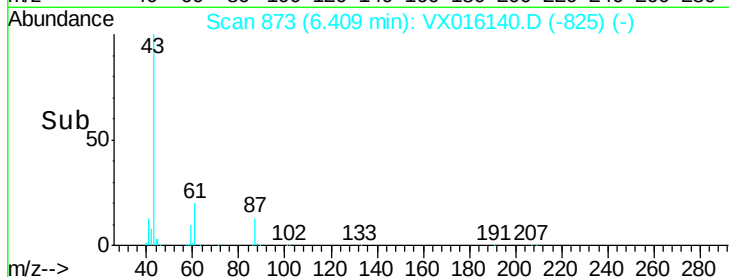
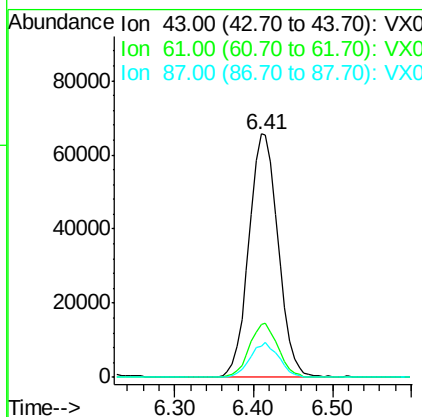
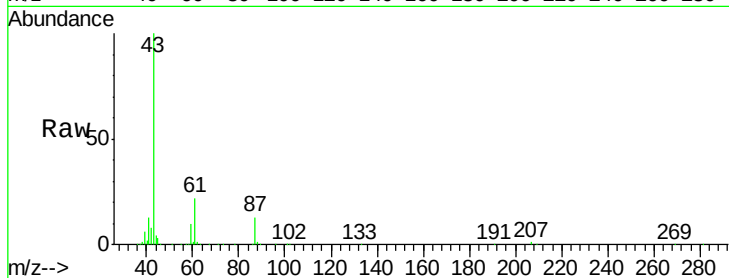
ClientSampleId :

VX0511WBS01

Tot Ion:	43	Resp:	168855
Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.0	25.4
87	14.1	11.0	16.6

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#44

Trichloroethene

Concen: 19.042 ug/l

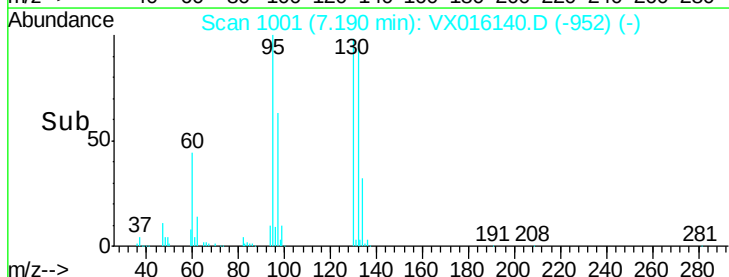
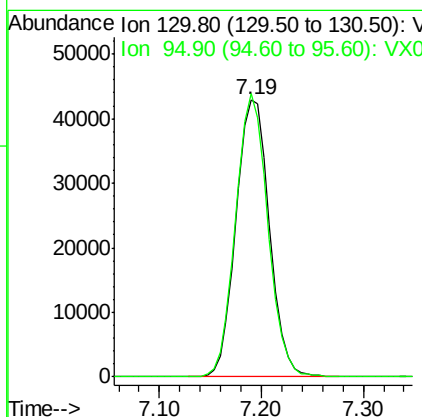
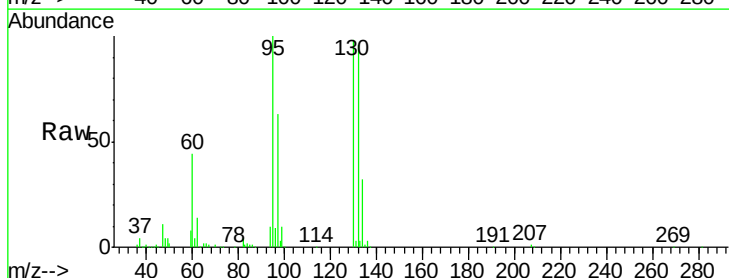
RT: 7.19 min Scan# 1001

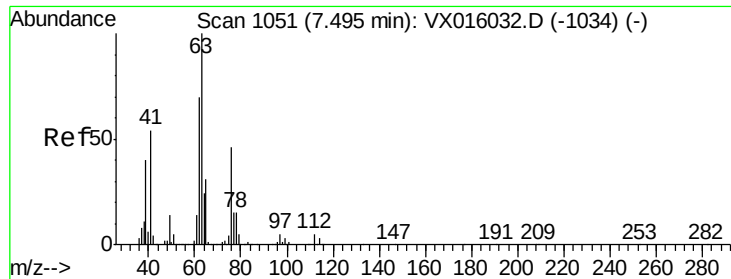
Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Tgt Ion:	130	Resp:	97537
Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	197.4





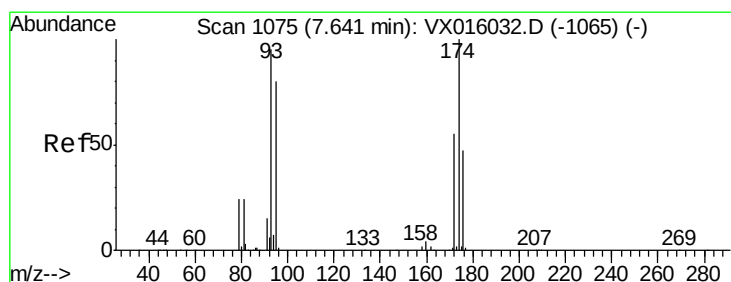
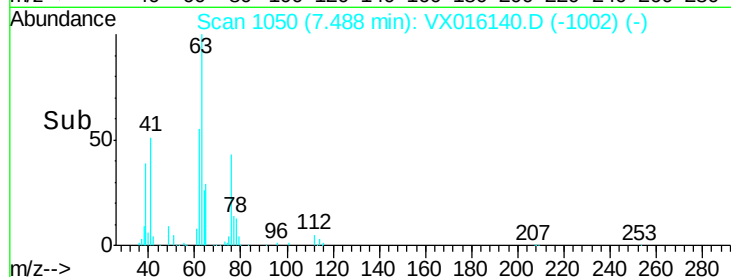
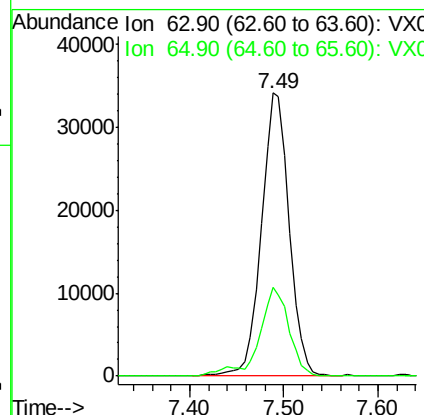
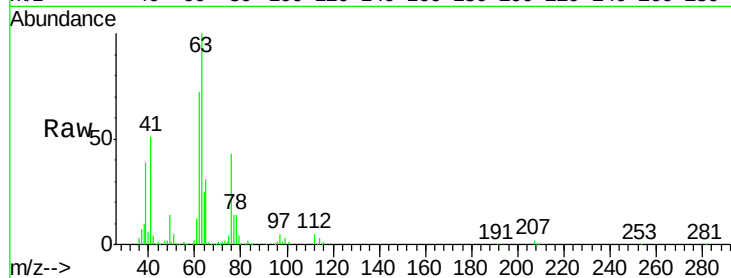
#45
 1,2-Dichloropropane
 Concen: 19.426 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.4	36.6

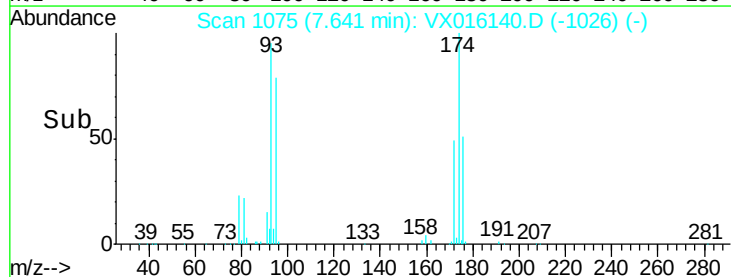
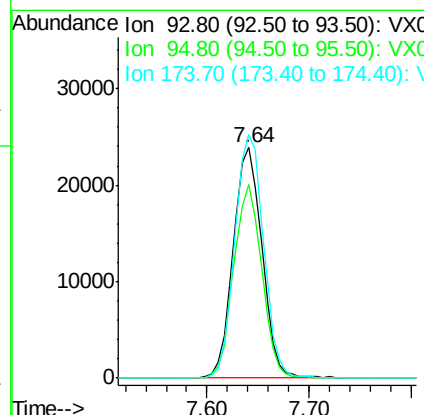
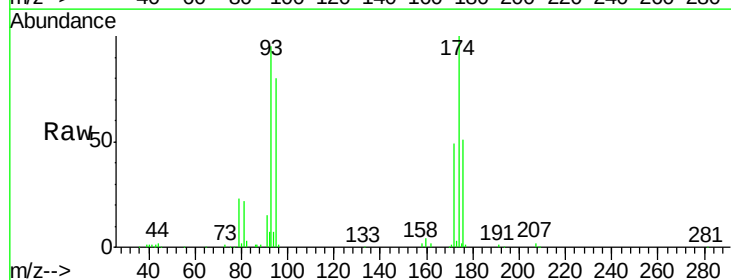
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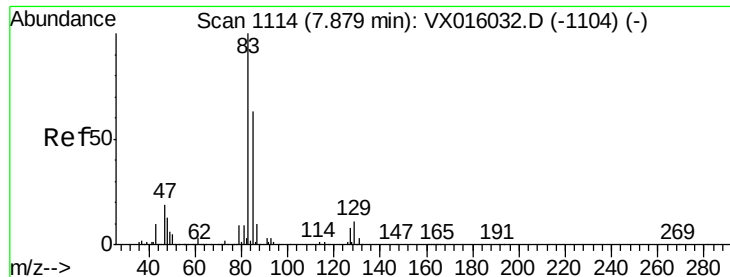
apatel
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#46
 Dibromomethane
 Concen: 18.793 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	66.6	100.0
174	105.6	84.2	126.4





#47

Bromodichloromethane

Concen: 19.085 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

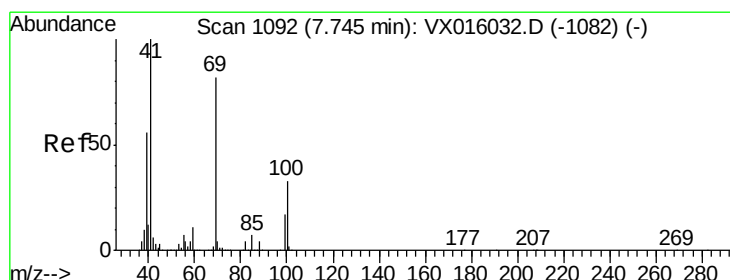
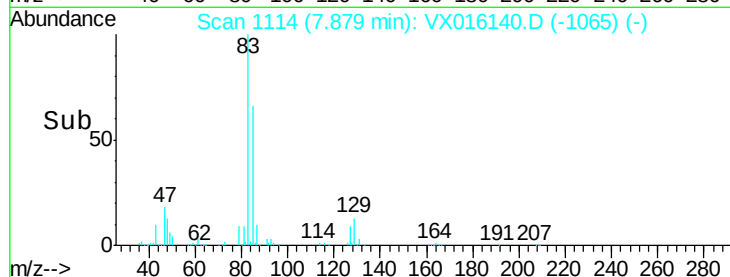
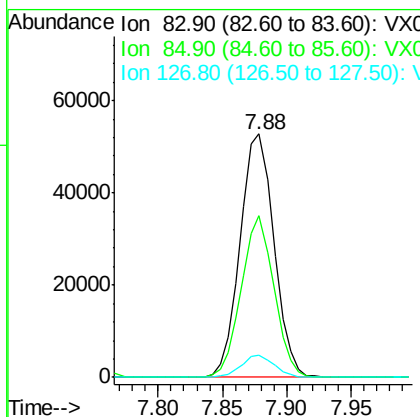
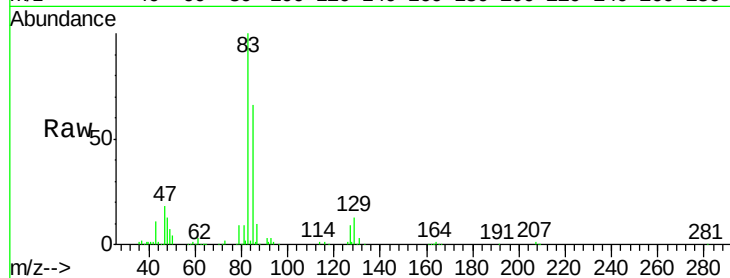
ClientSampleId :

VX0511WBS01

Tot Ion:	83	Resp:	96366
Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.5	75.7
127	9.3	6.7	10.1

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#48

Methyl methacrylate

Concen: 18.035 ug/l

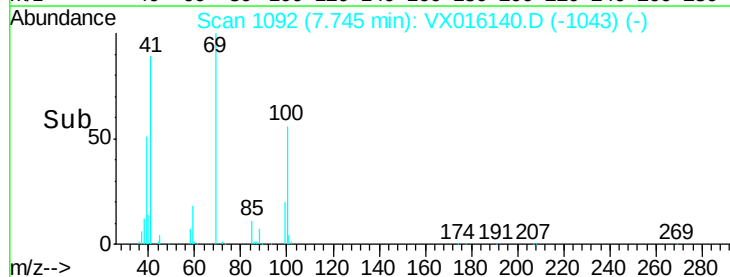
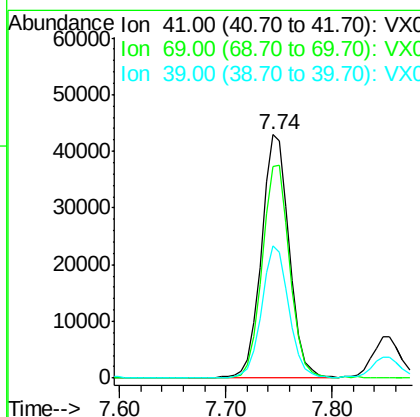
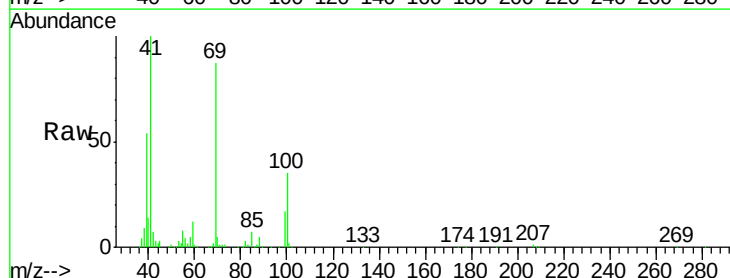
RT: 7.74 min Scan# 1092

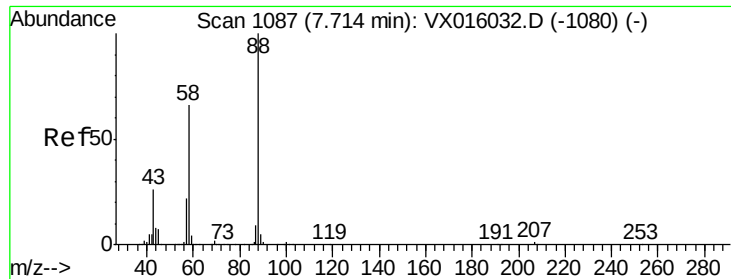
Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Tgt Ion:	41	Resp:	77871
Ion	Ratio	Lower	Upper
41	100		
69	87.4	67.8	101.6
39	53.7	44.6	67.0





#49

1,4-Dioxane

Concen: 369.875 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

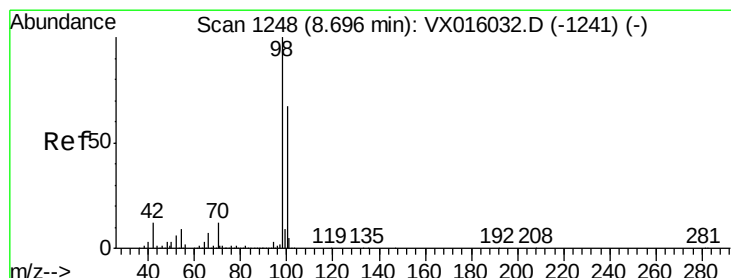
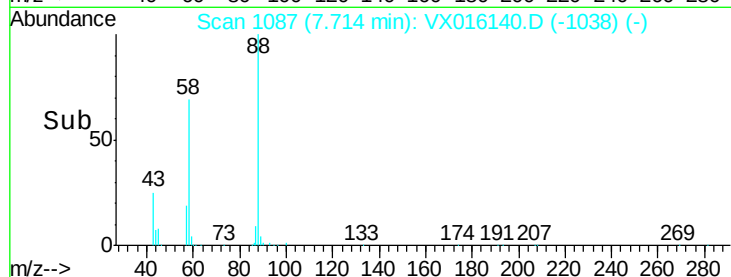
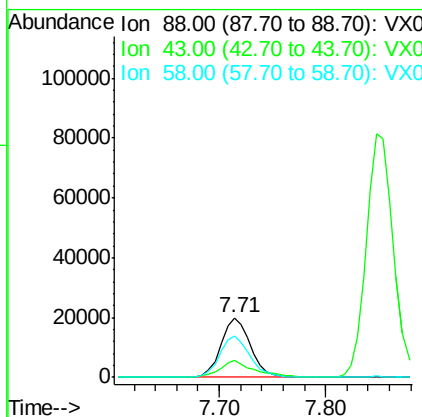
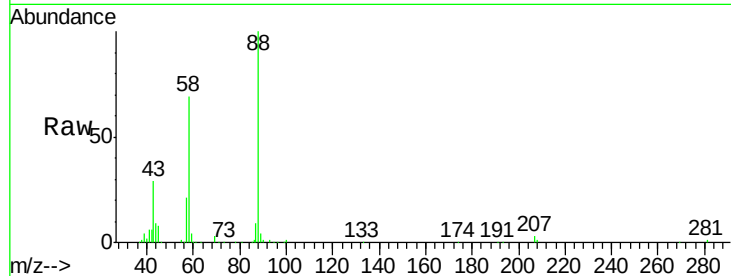
ClientSampleId :

VX0511WBS01

Tot Ion:	88	Resp:	38303
Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.3	37.9
58	72.1	55.9	83.9

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#50

Toluene-d8

Concen: 47.847 ug/l

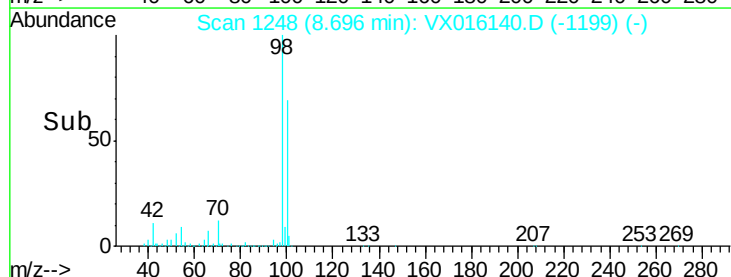
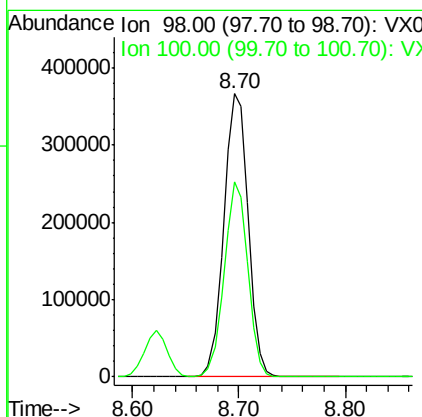
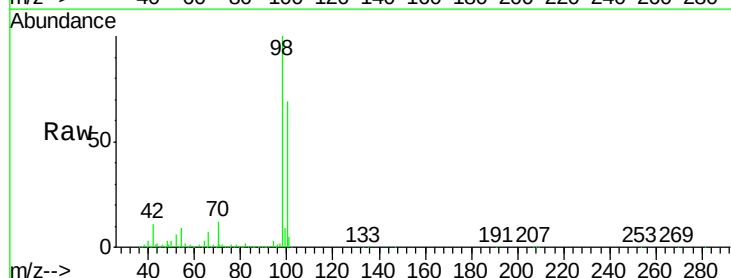
RT: 8.70 min Scan# 1248

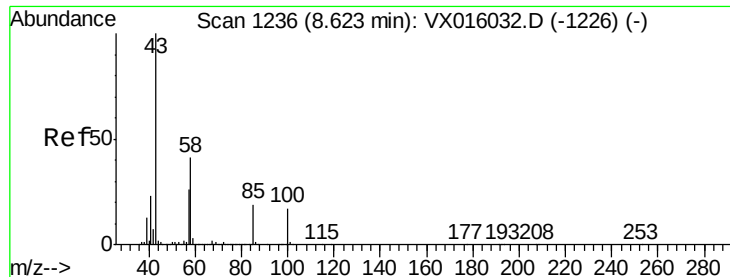
Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Tgt Ion:	98	Resp:	584674
Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 93.501 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

Tot Ion: 43 Resp: 521381

Ion Ratio Lower Upper

43 100

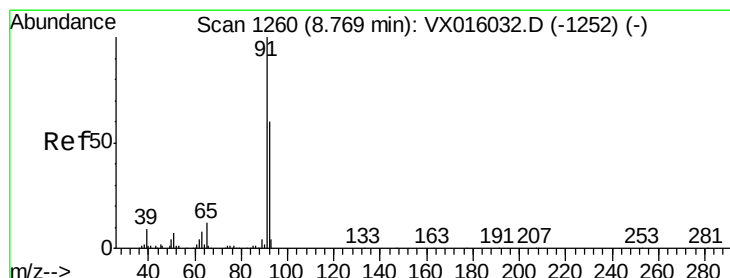
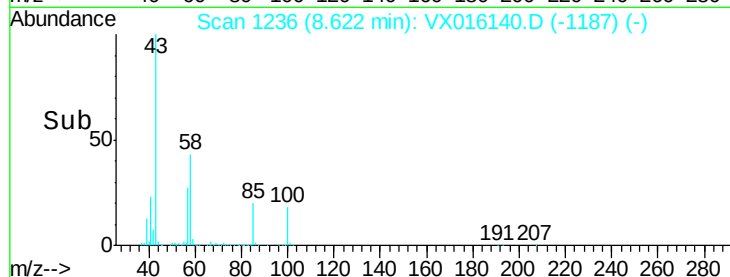
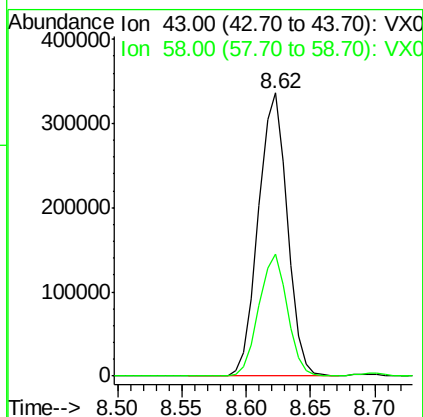
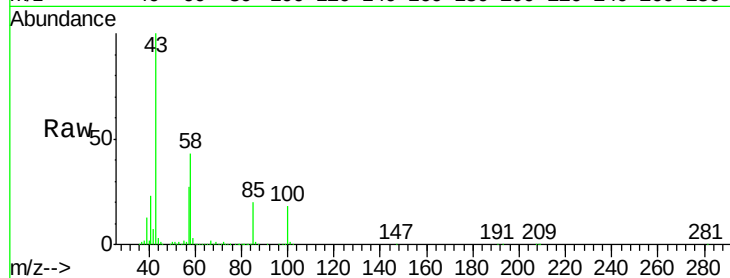
58 42.3 33.0 49.4

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#52

Toluene

Concen: 19.136 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016140.D

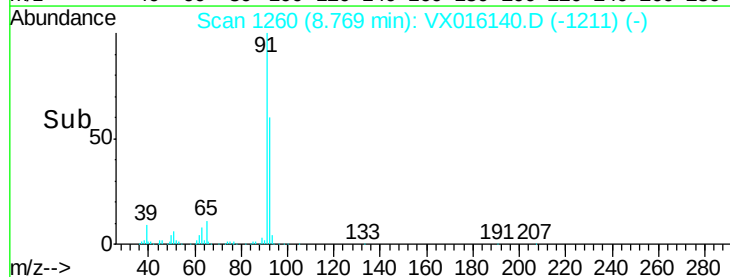
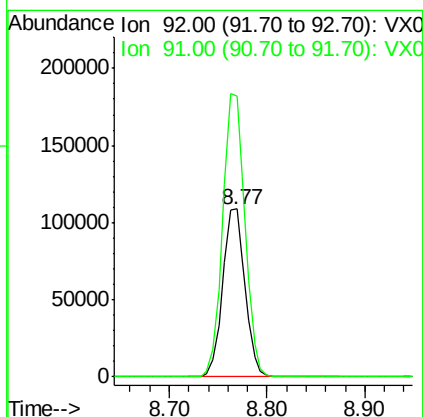
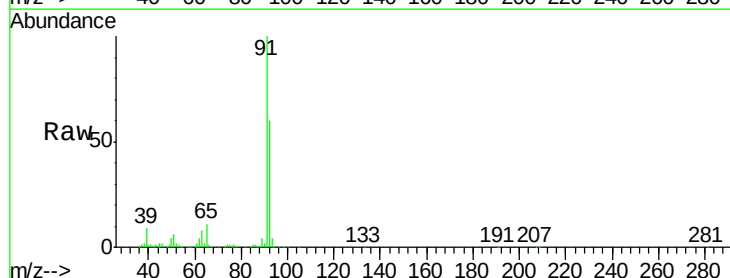
Acq: 11 May 2020 11:48

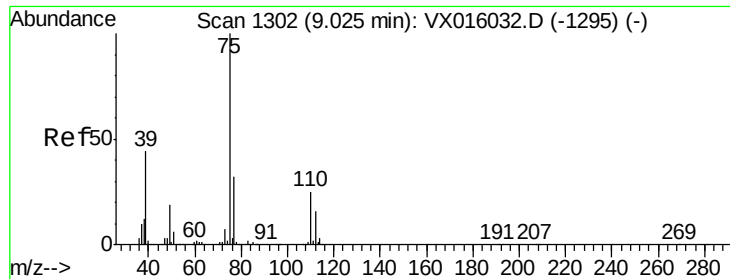
Tgt Ion: 92 Resp: 171974

Ion Ratio Lower Upper

92 100

91 168.8 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 18.876 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

Tot Ion: 75 Resp: 113637

Ion Ratio Lower Upper

75 100

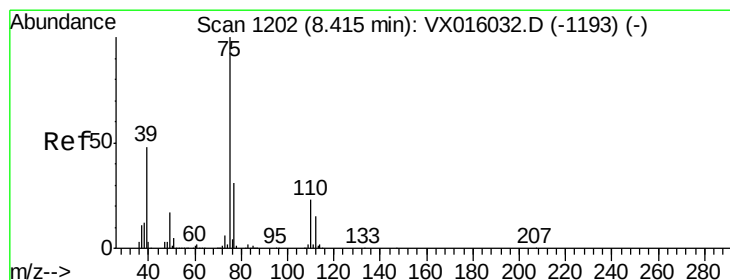
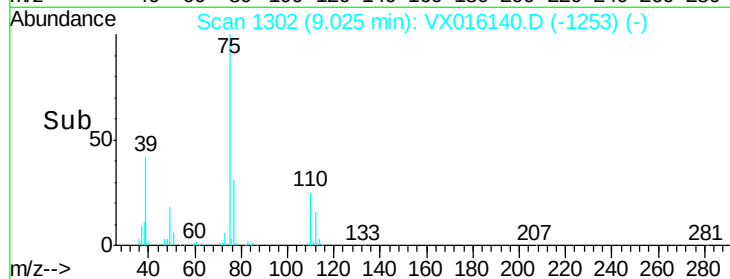
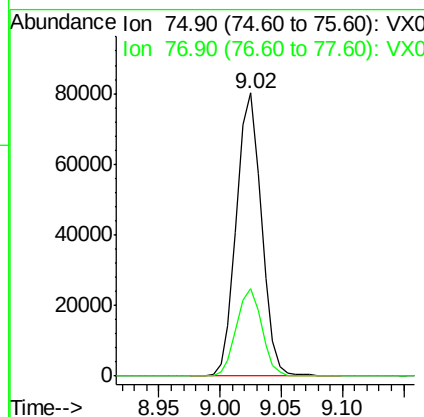
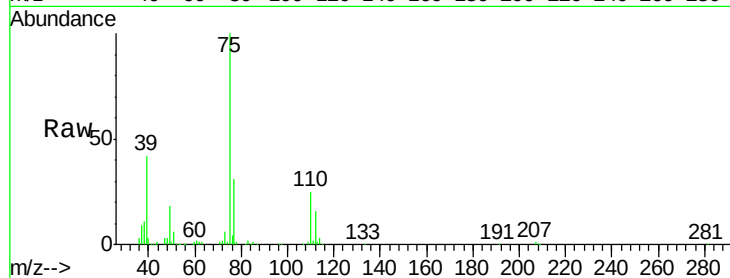
77 31.1 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 18.885 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

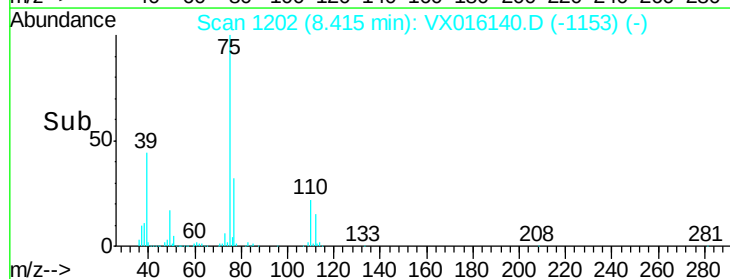
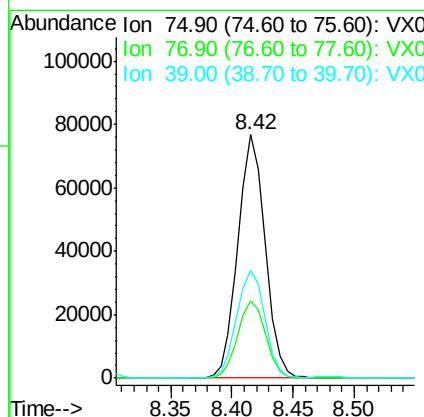
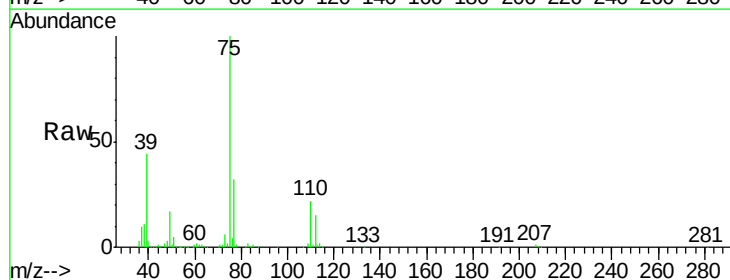
Tgt Ion: 75 Resp: 118750

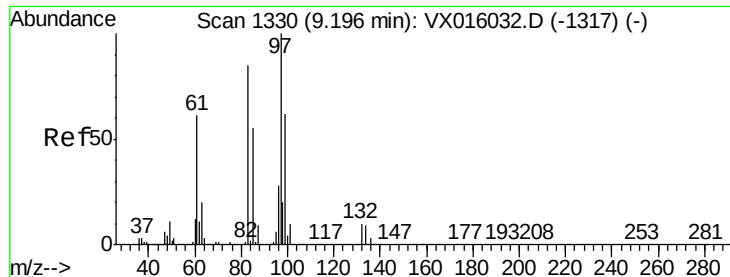
Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1

39 44.3 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 19.265 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

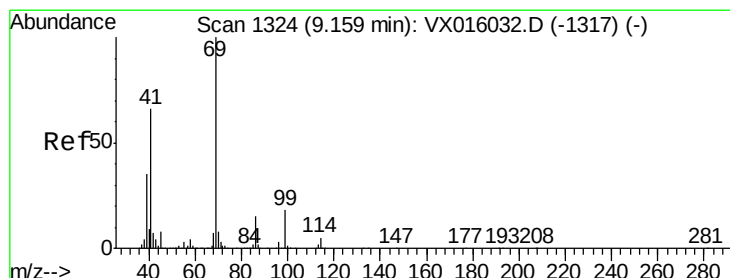
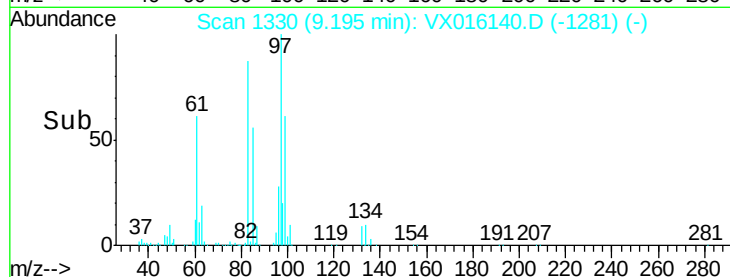
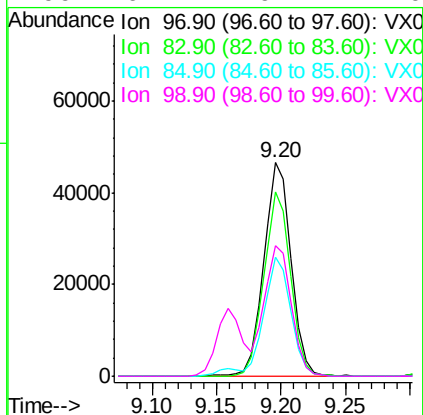
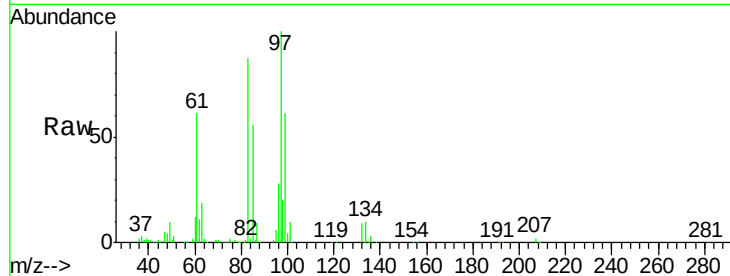
ClientSampleId :

VX0511WBS01

Tot Ion:	97	Resp:	68116
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.8	101.8
85	55.6	43.8	65.8
99	61.2	49.4	74.0

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#56

Ethyl methacrylate

Concen: 19.043 ug/l

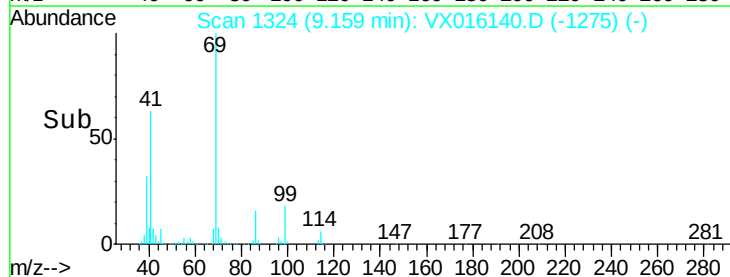
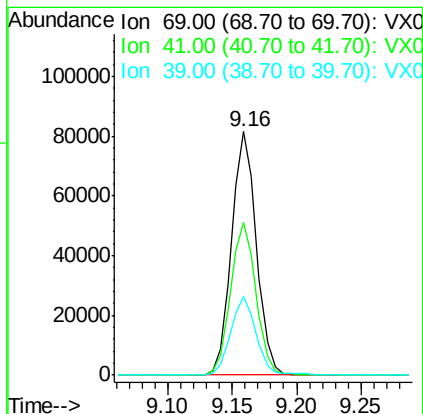
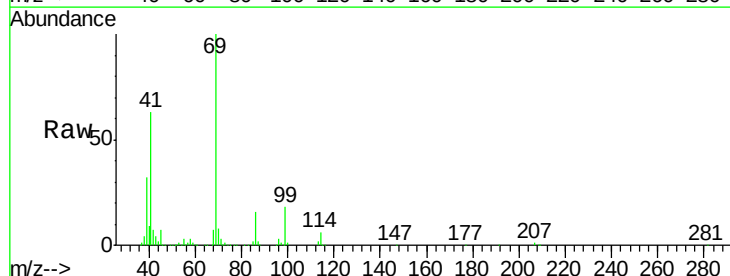
RT: 9.16 min Scan# 1324

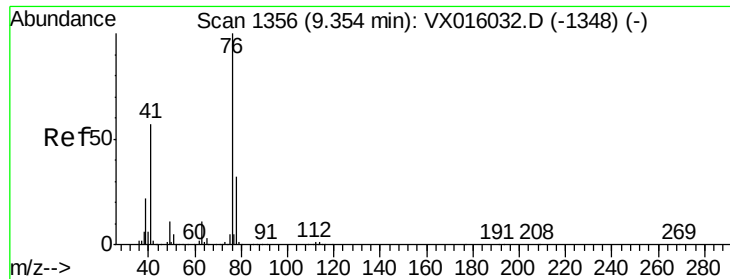
Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Tgt Ion:	69	Resp:	109903
Ion	Ratio	Lower	Upper
69	100		
41	64.0	52.2	78.4
39	33.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 19.276 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

Tot Ion: 76 Resp: 118921

Ion Ratio Lower Upper

76 100

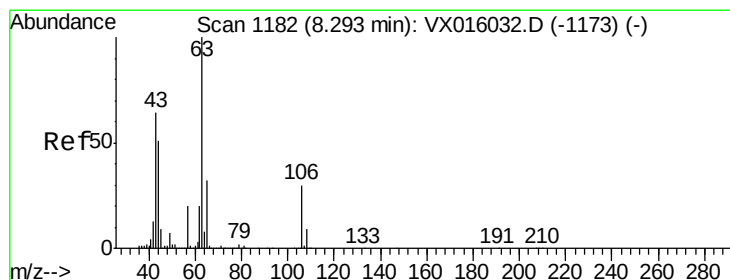
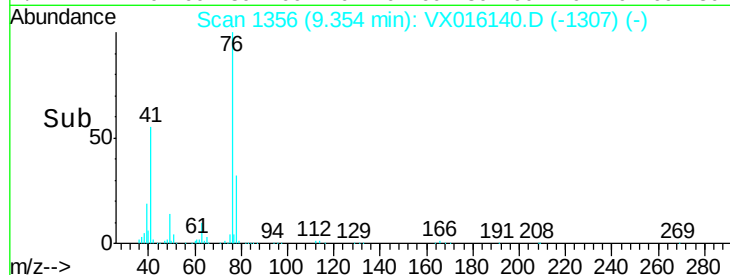
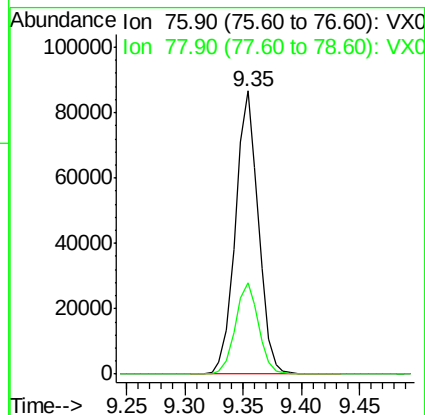
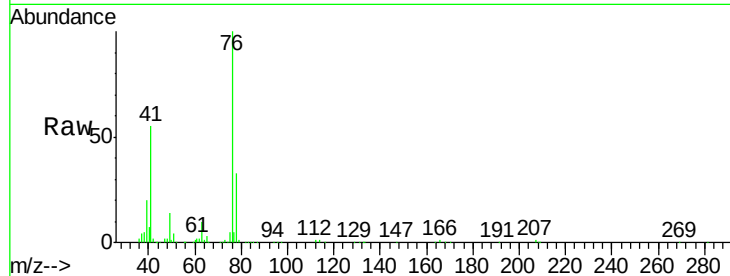
78 32.9 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 90.410 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016140.D

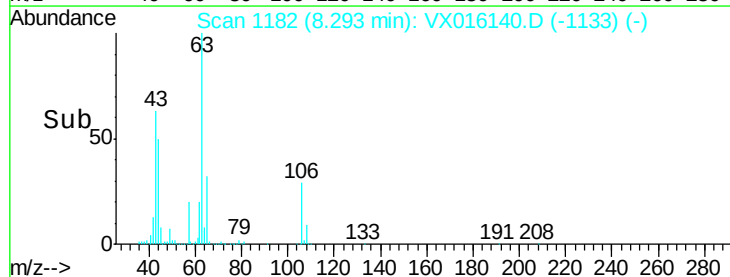
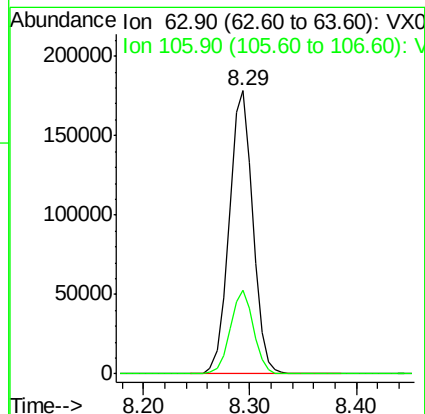
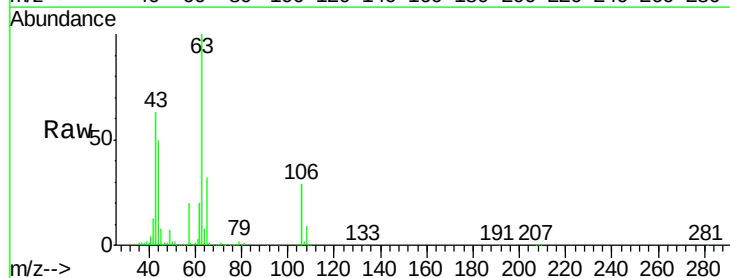
Acq: 11 May 2020 11:48

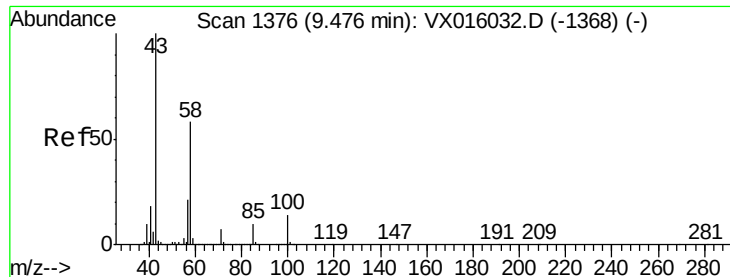
Tgt Ion: 63 Resp: 277791

Ion Ratio Lower Upper

63 100

106 29.0 23.4 35.2





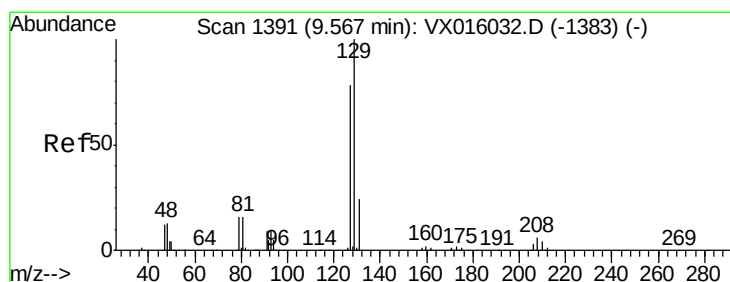
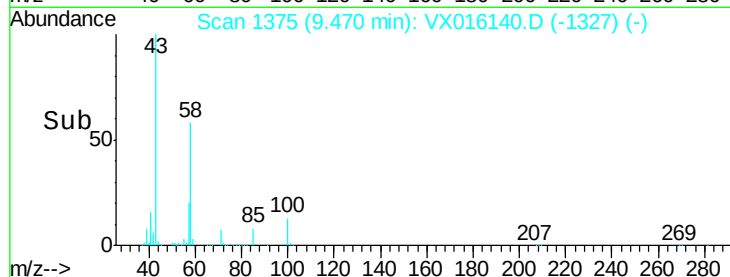
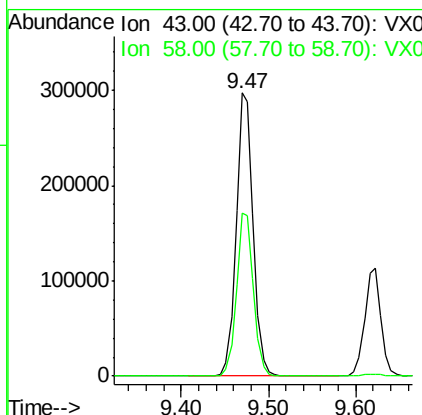
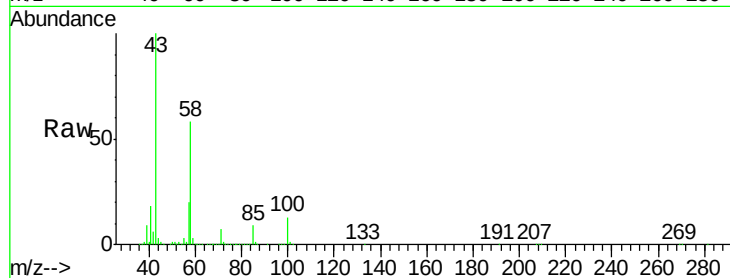
#59
2-Hexanone
Concen: 92.221 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

Tot Ion: 43 Resp: 403849
Ion Ratio Lower Upper
43 100
58 57.7 28.6 85.9

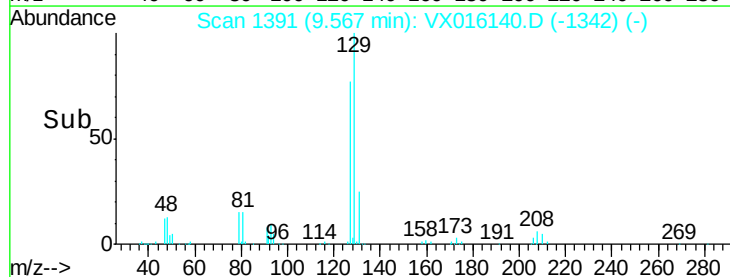
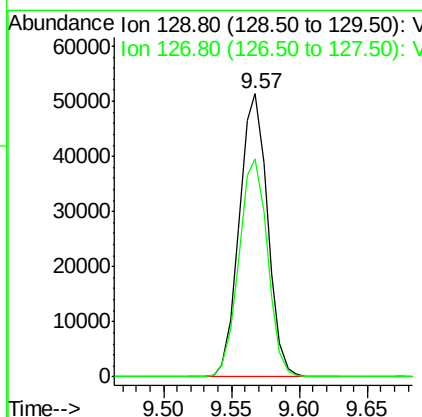
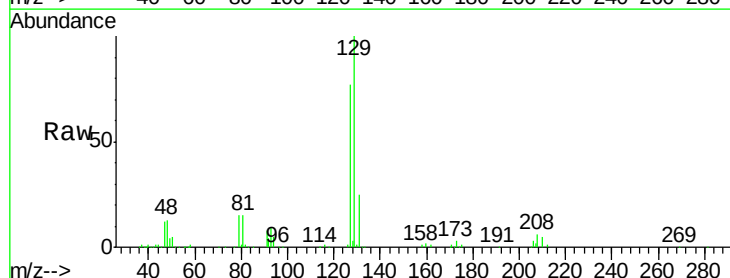
Manual Integrations
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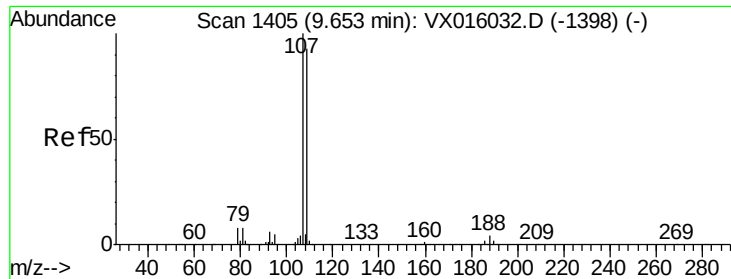
apatel
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#60
Dibromochloromethane
Concen: 19.154 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion: 129 Resp: 74589
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.814 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

Tot Ion: 107 Resp: 72056

Ion Ratio Lower Upper

107 100

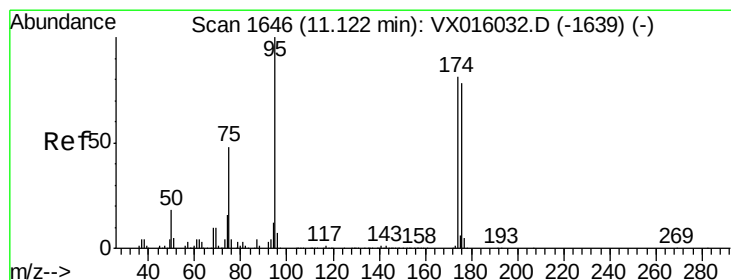
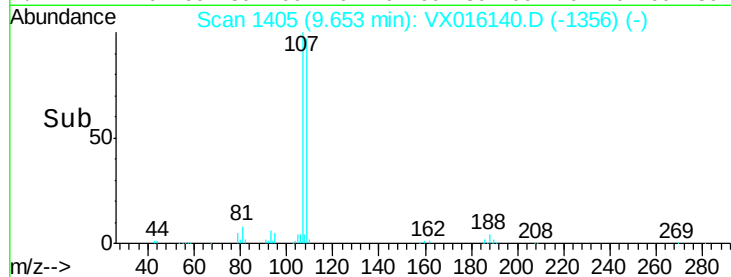
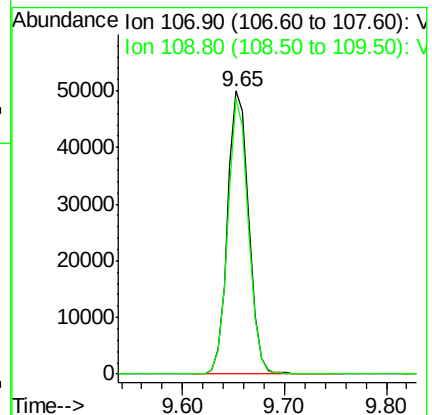
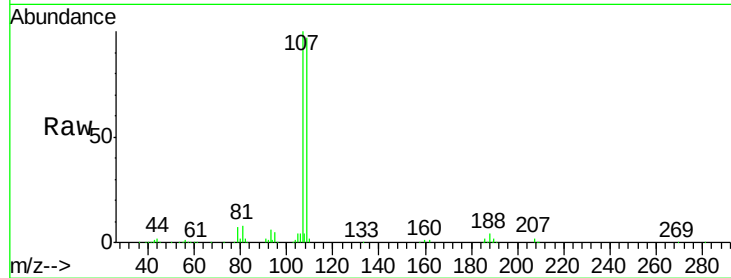
109 94.1 74.9 112.3

Manual Integrations

APPROVED

apatel

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#62

4-Bromofluorobenzene

Concen: 47.647 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

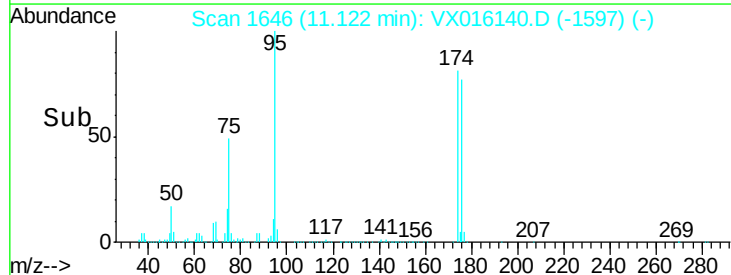
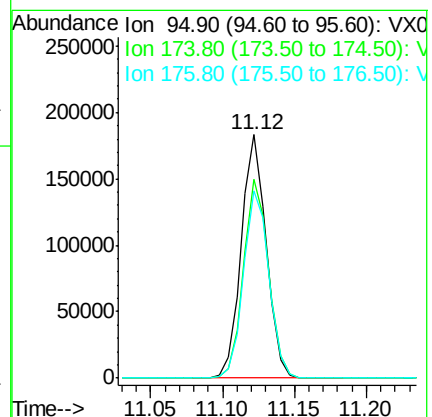
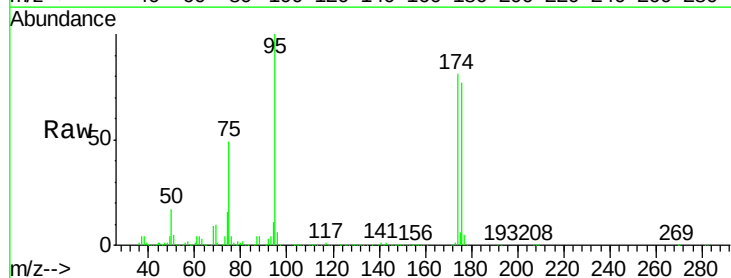
Tgt Ion: 95 Resp: 221454

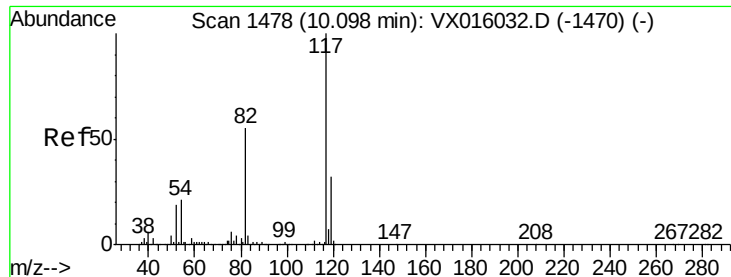
Ion Ratio Lower Upper

95 100

174 81.4 0.0 159.4

176 78.3 0.0 157.6





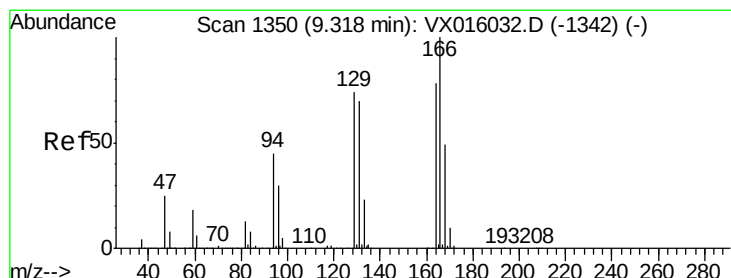
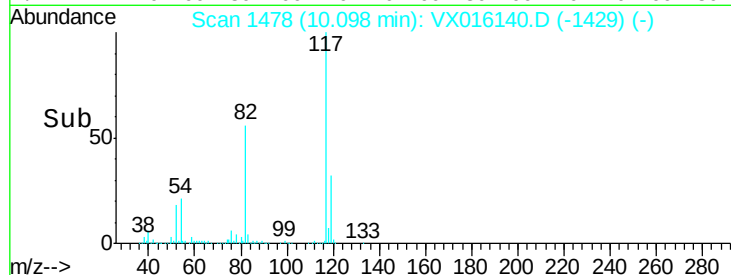
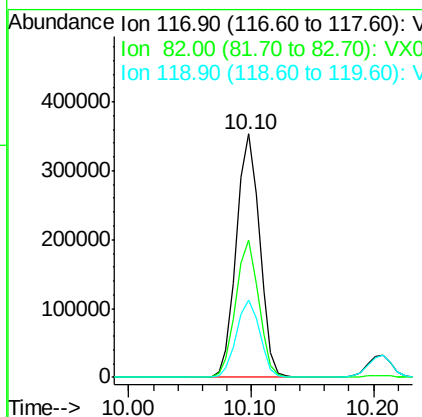
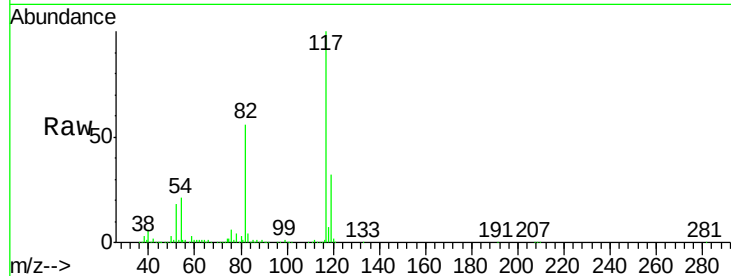
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	464653		
82	56.3		44.4	66.6
119	31.8		25.5	38.3

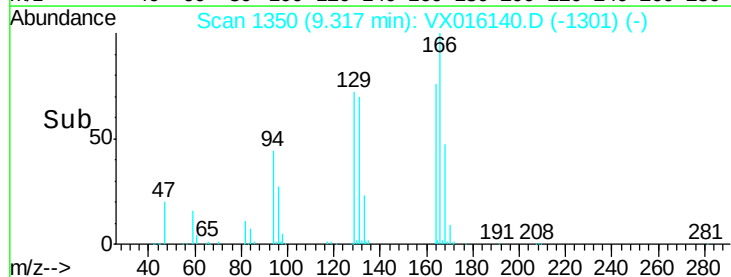
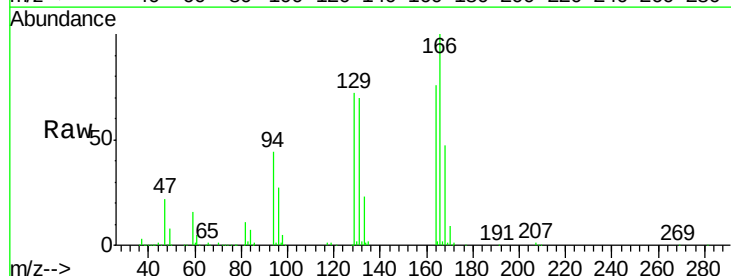
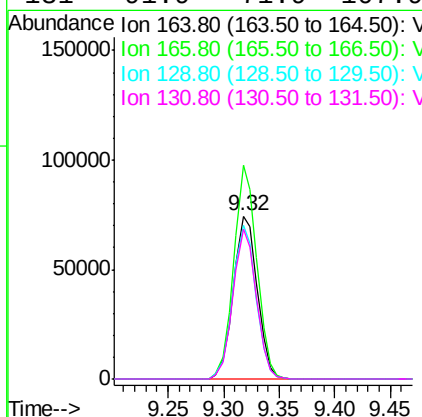
Manual Integrations
APPROVED

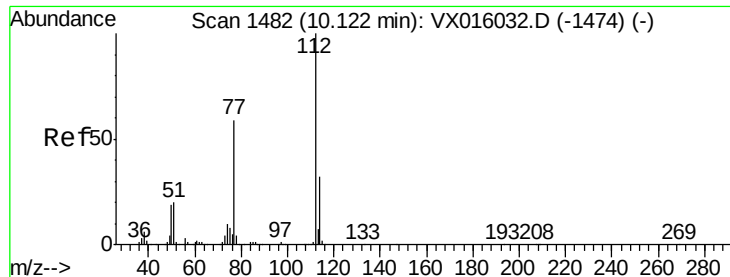
apatel
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#64
Tetrachloroethene
Concen: 19.411 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	110724		
166	131.0		102.9	154.3
129	94.0		76.1	114.1
131	91.9		71.9	107.9





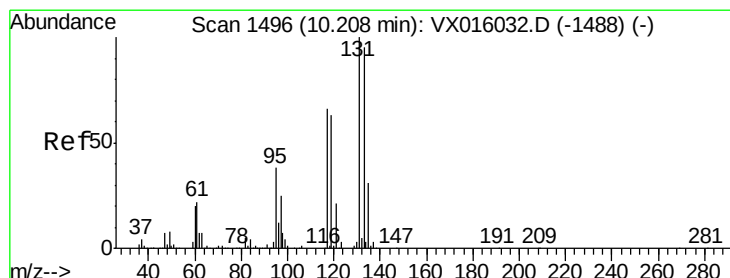
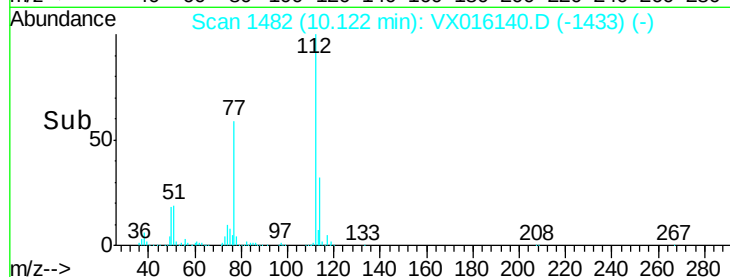
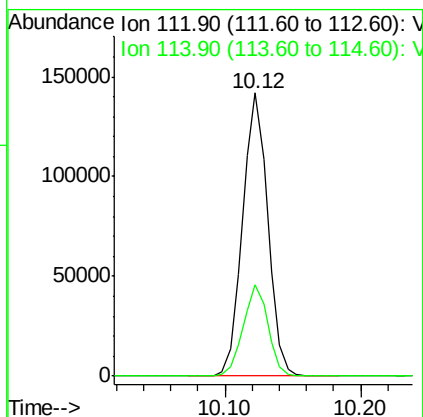
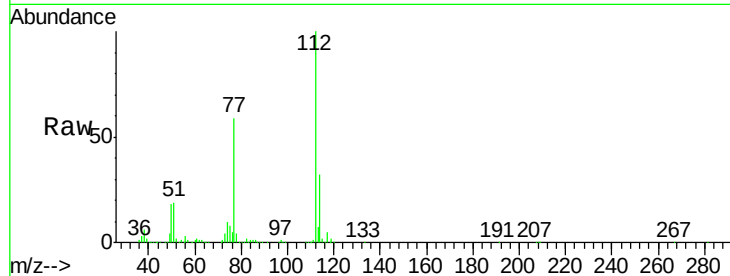
#65
Chlorobenzene
Concen: 18.867 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

Tot Ion:112 Resp: 183566
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

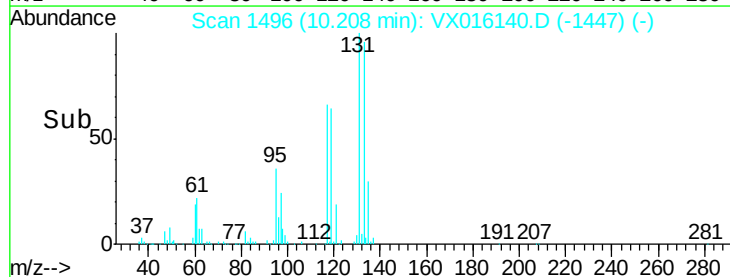
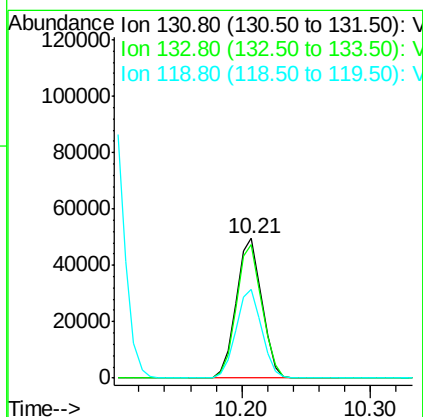
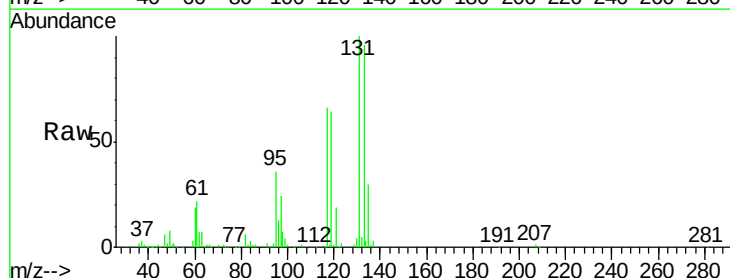
Manual Integrations
APPROVED

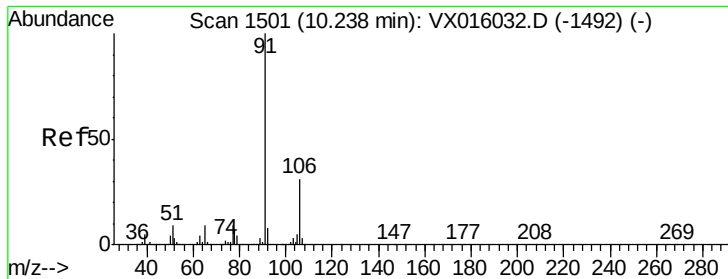
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.086 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion:131 Resp: 68633
Ion Ratio Lower Upper
131 100
133 95.7 48.3 144.8
119 63.7 32.3 96.9





#67

Ethyl Benzene

Concen: 18.916 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

Tot Ion: 91 Resp: 328379

Ion Ratio Lower Upper

91 100

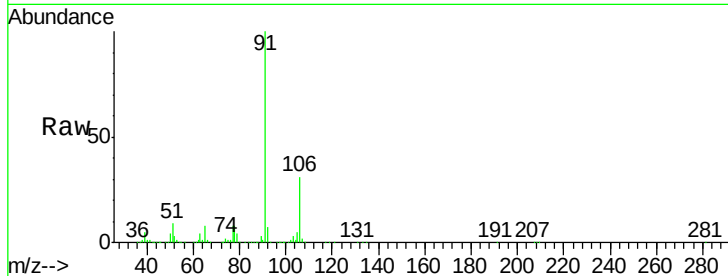
106 31.3 25.1 37.7

Manual Integrations

APPROVED

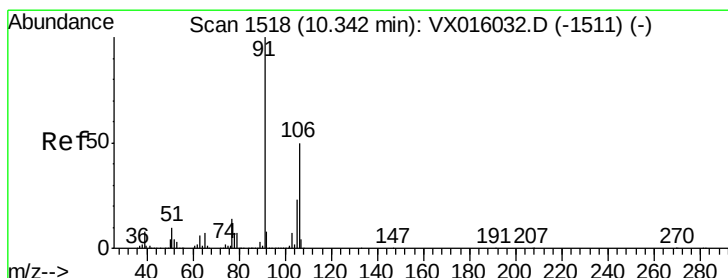
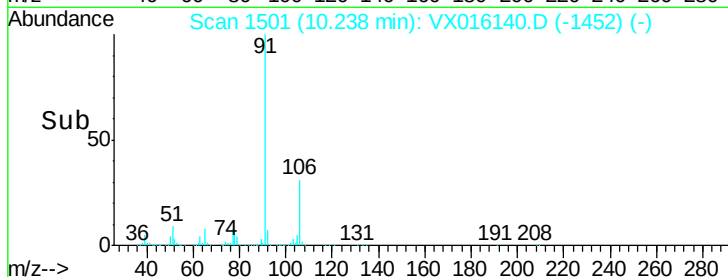
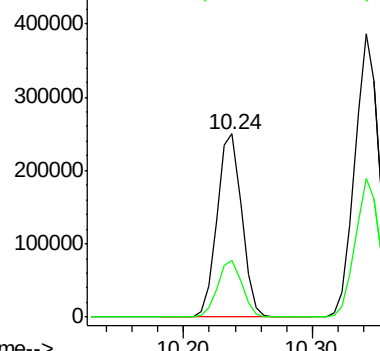
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.062 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016140.D

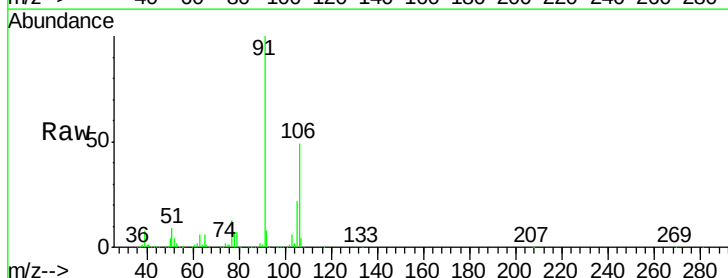
Acq: 11 May 2020 11:48

Tgt Ion: 106 Resp: 247551

Ion Ratio Lower Upper

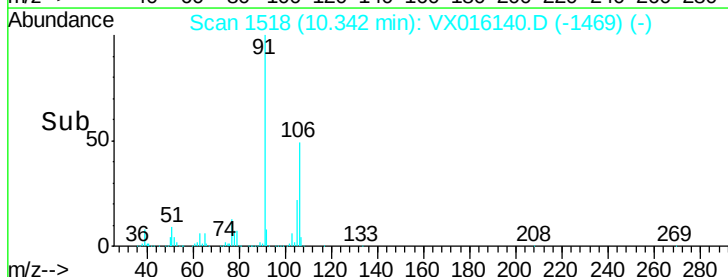
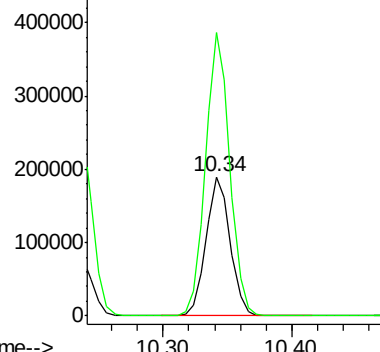
106 100

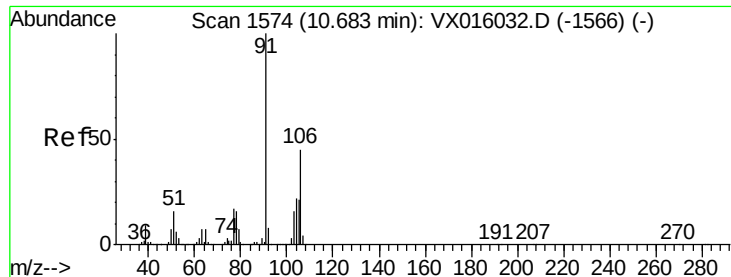
91 203.9 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





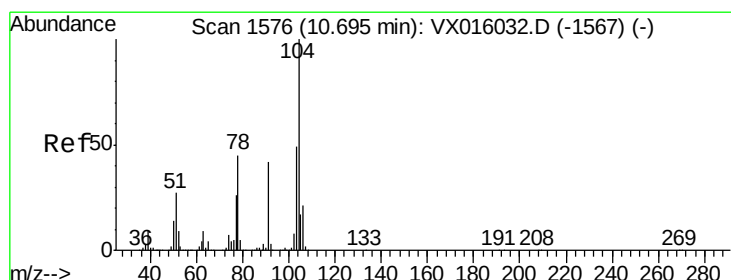
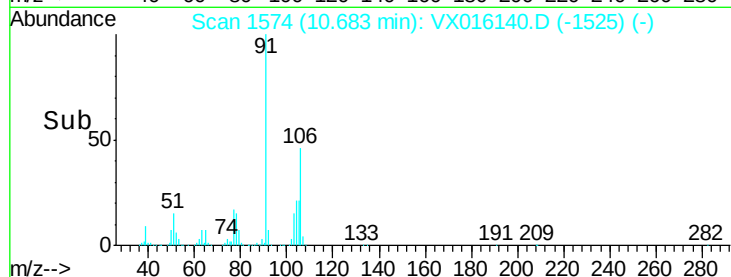
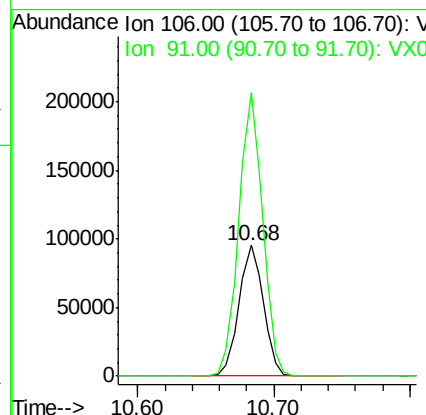
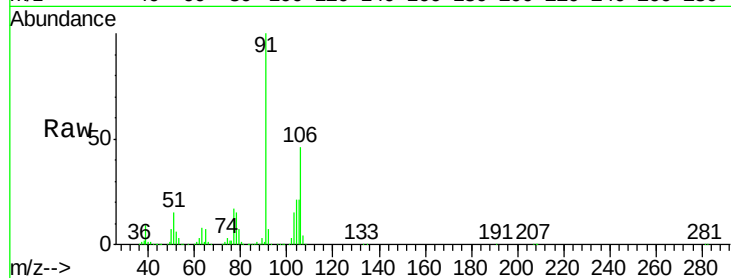
#69
o-Xylene
Concen: 19.114 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.0	107.5	322.6

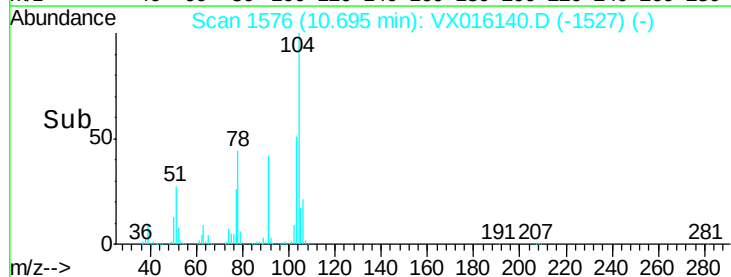
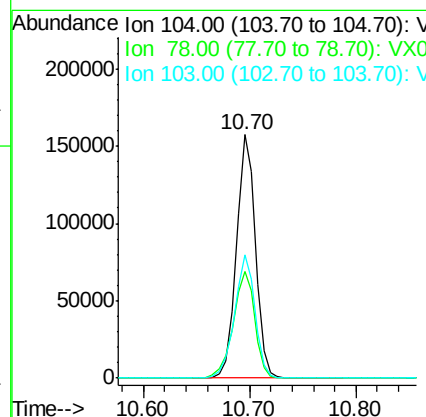
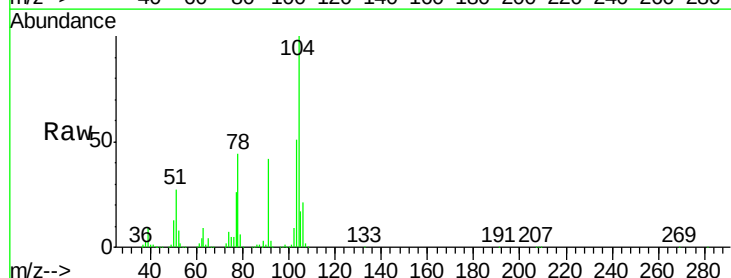
Manual Integrations
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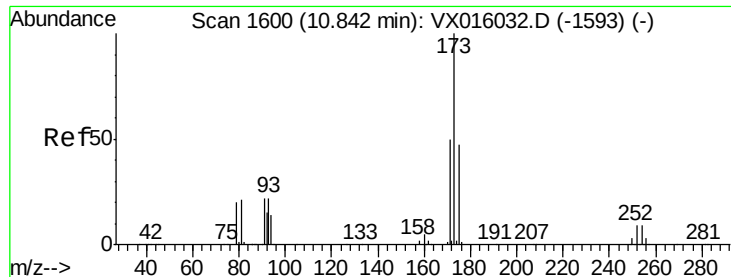
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#70
Styrene
Concen: 18.670 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.6	40.2	60.2
103	54.2	43.0	64.6





#71

Bromoform

Concen: 18.991 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

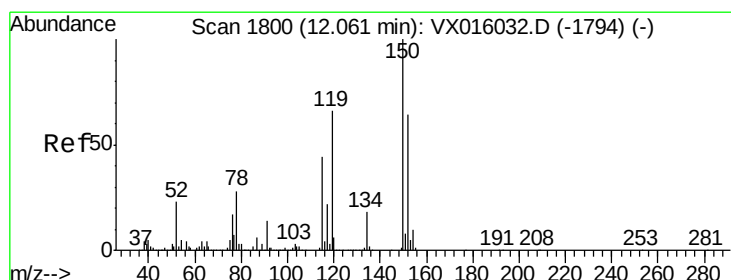
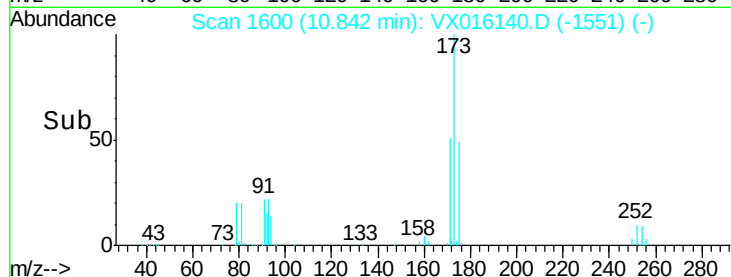
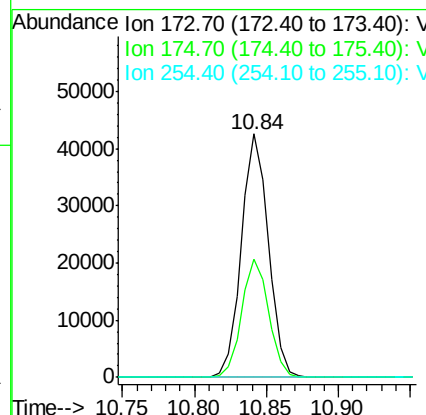
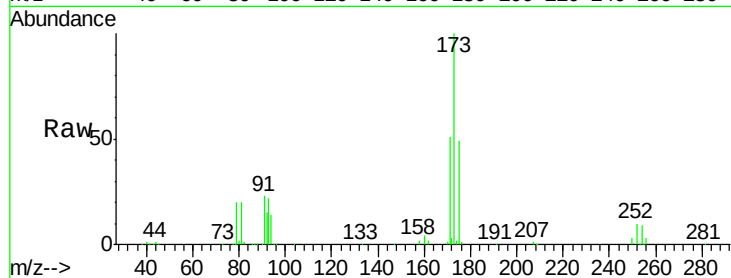
ClientSampleId :

VX0511WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.0	72.0
254	0.0	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

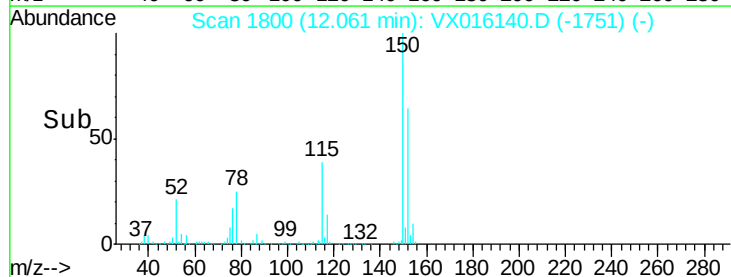
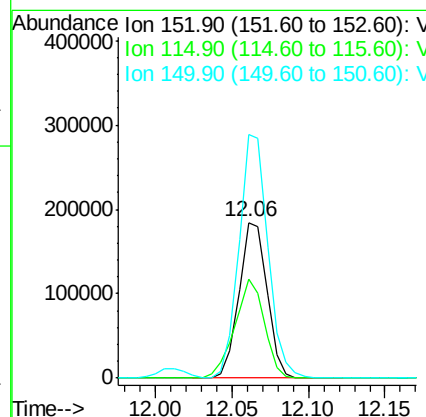
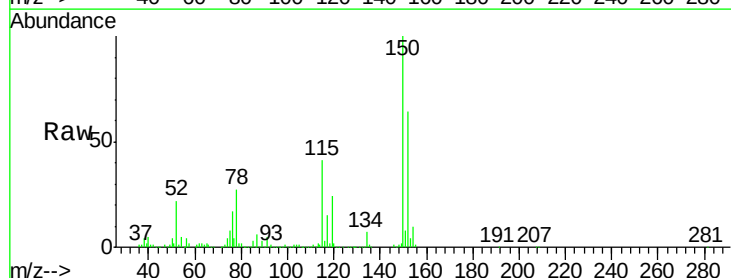
RT: 12.06 min Scan# 1800

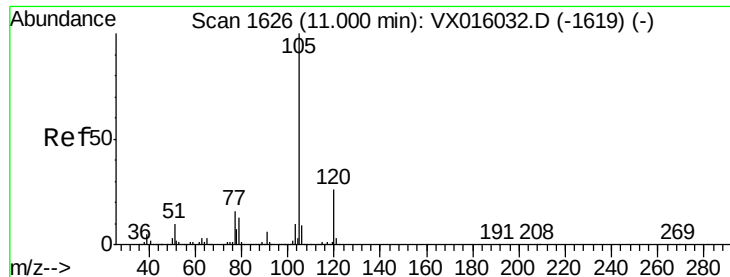
Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.1	41.3	124.1
150	162.6	0.0	352.2





#73

Isopropylbenzene

Concen: 18.884 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0511WBS01

Tot Ion: 105 Resp: 320106

Ion Ratio Lower Upper

105 100

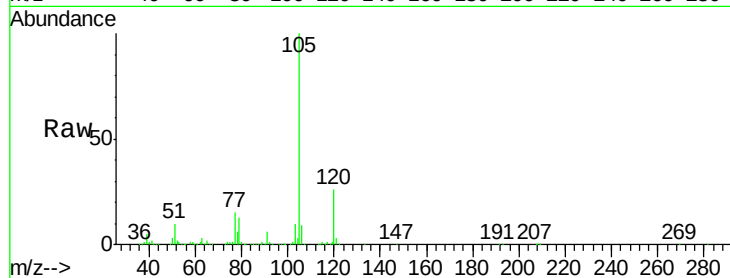
120 26.4 13.4 40.2

Manual Integrations

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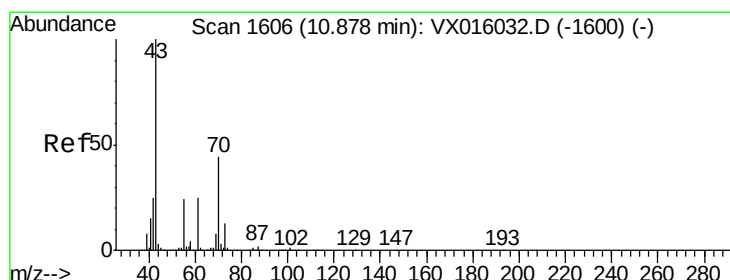
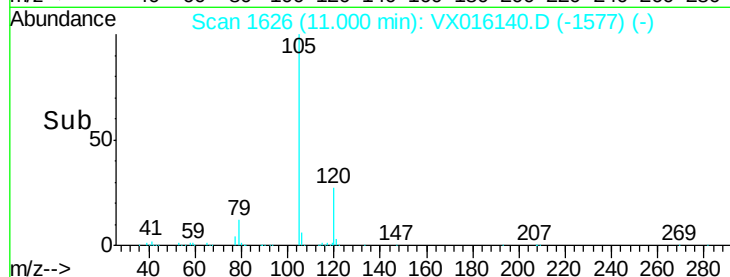
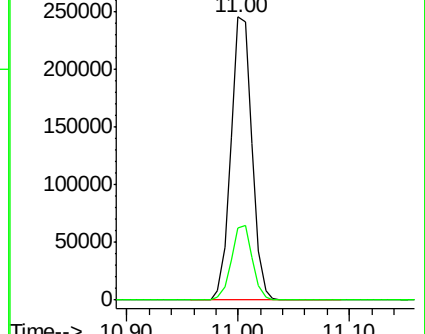
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.877 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Tgt Ion: 43 Resp: 141350

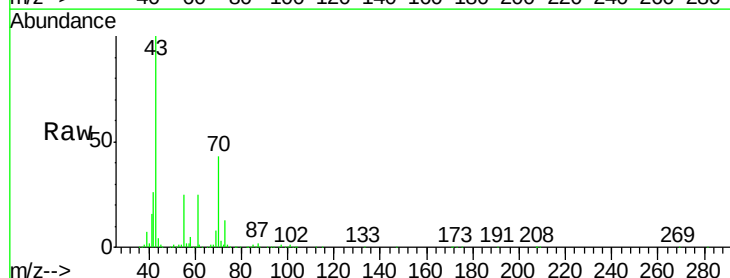
Ion Ratio Lower Upper

43 100

70 45.6 36.5 54.7

55 25.4 19.7 29.5

61 25.9 20.9 31.3

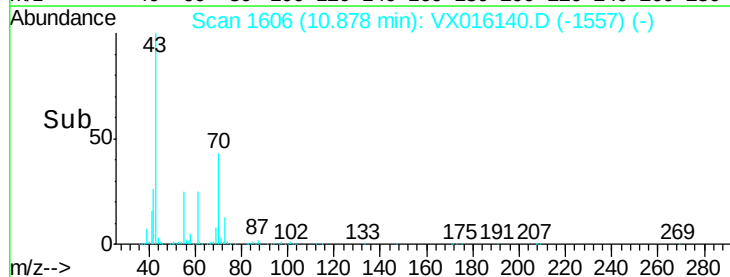
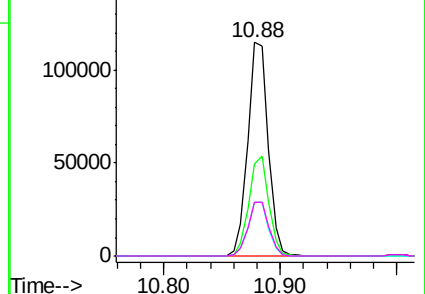


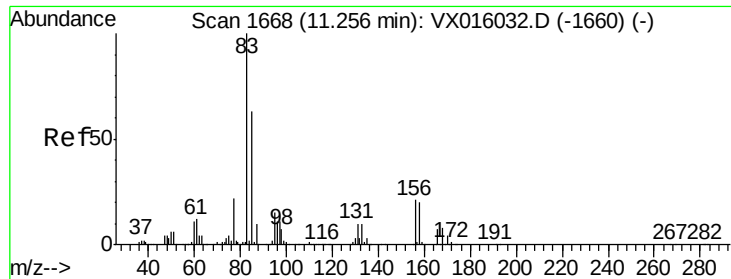
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.727 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

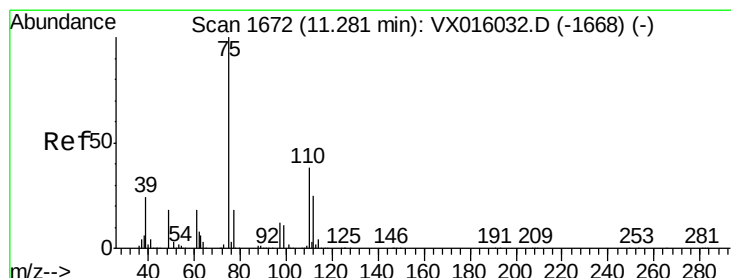
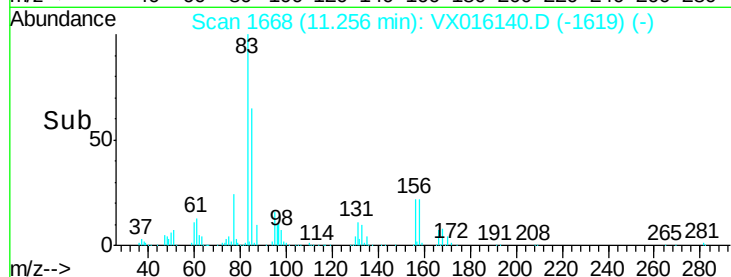
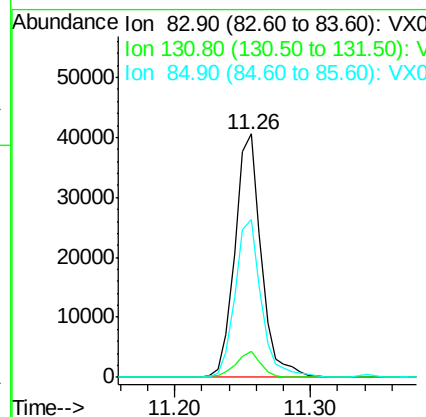
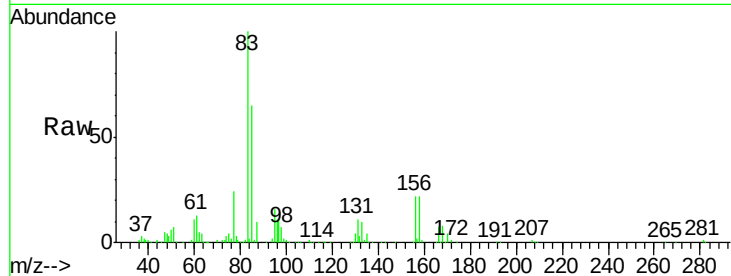
ClientSampleId :

VX0511WBS01

Tot Ion:	83	Resp:	54458
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.7	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.612 ug/l m

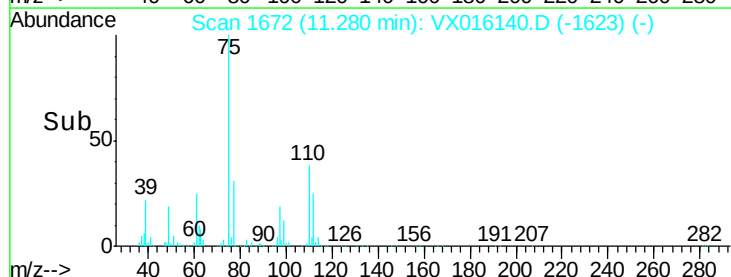
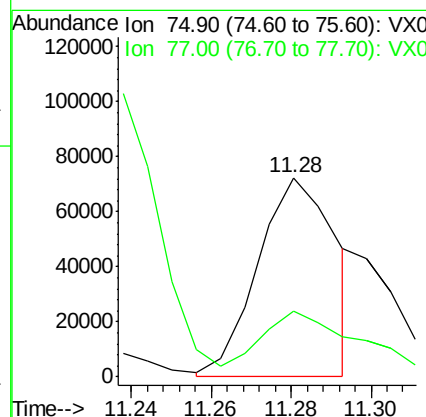
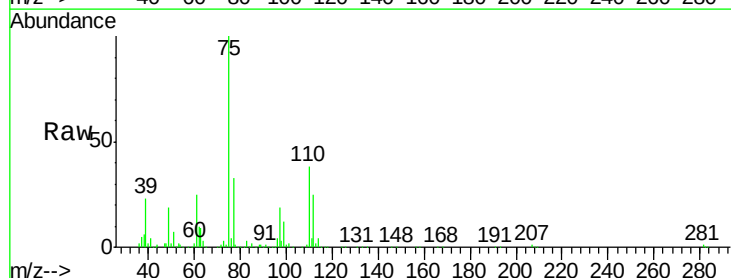
RT: 11.28 min Scan# 1672

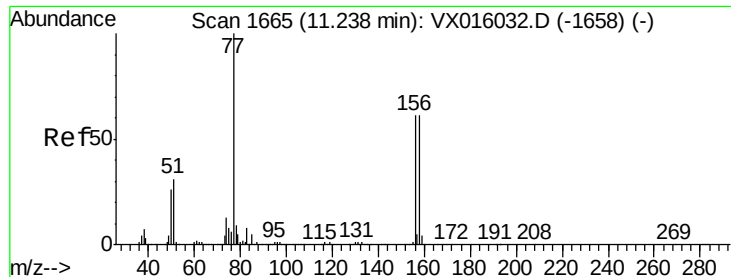
Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Tgt Ion:	75	Resp:	98431
Ion Ratio	Lower	Upper	
75	100		
77	42.3	21.2	63.6





#77

Bromobenzene

Concen: 18.271 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

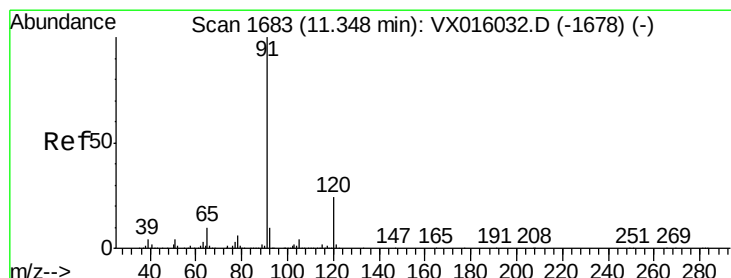
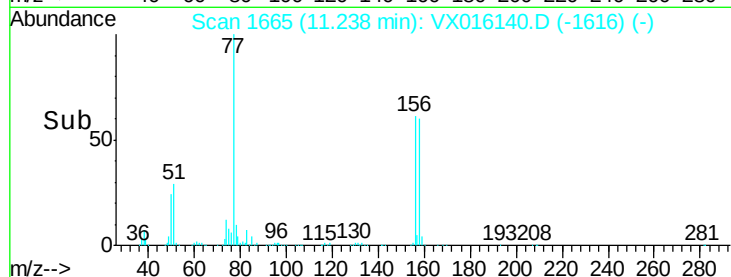
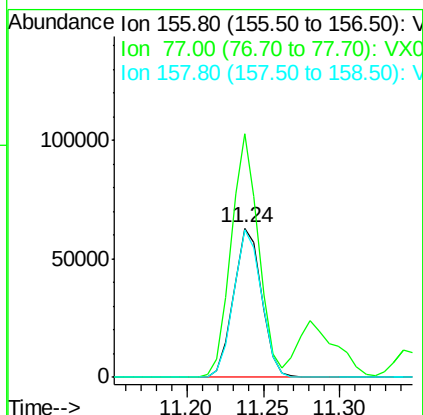
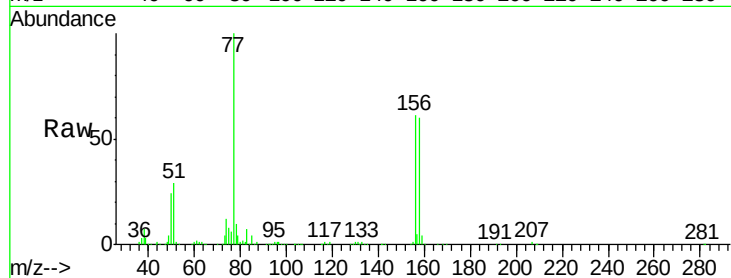
ClientSampled :

VX0511WBS01

Tot Ion:	156	Resp:	79945
Ion Ratio	Lower	Upper	
156	100		
77	159.4	80.1	240.3
158	98.3	49.4	148.2

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#78

n-propylbenzene

Concen: 18.629 ug/l

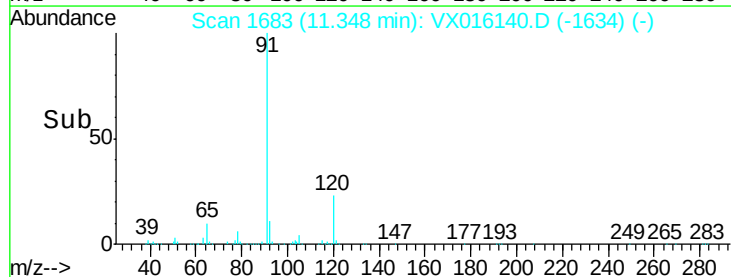
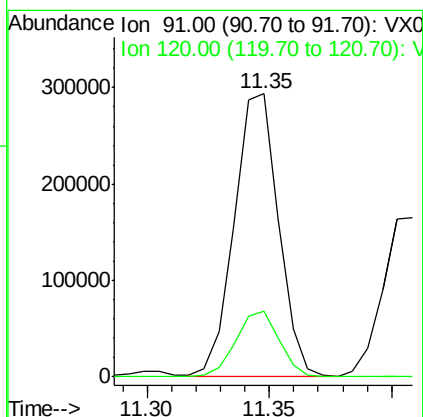
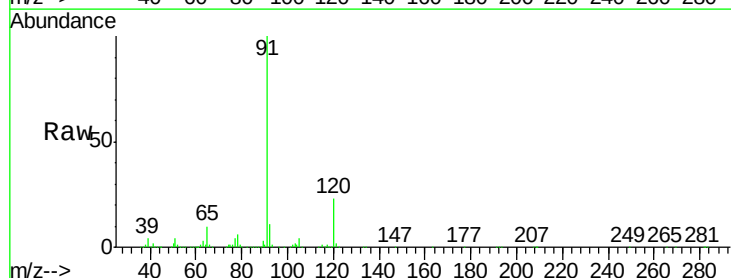
RT: 11.35 min Scan# 1683

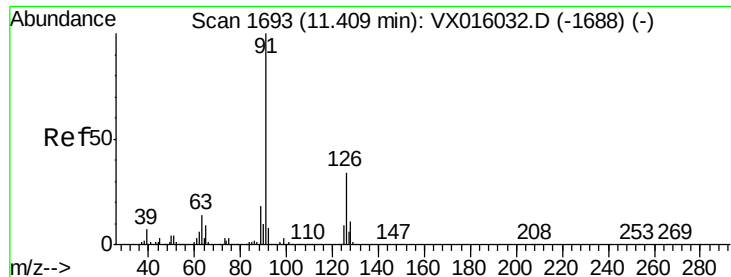
Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Tgt Ion:	91	Resp:	367365
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.5





#79

2-Chlorotoluene

Concen: 18.385 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

Tot Ion: 91 Resp: 214009

Ion Ratio Lower Upper

91 100

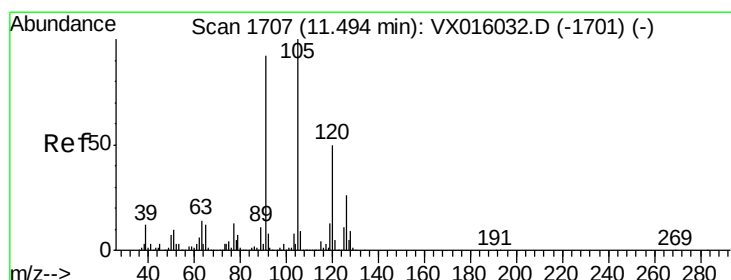
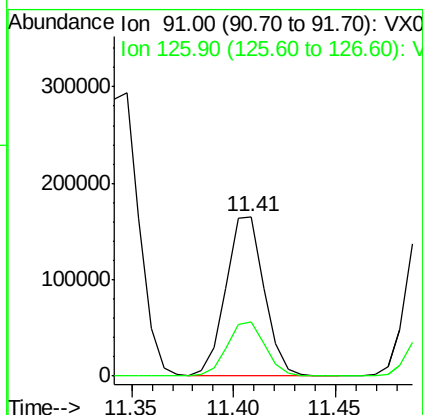
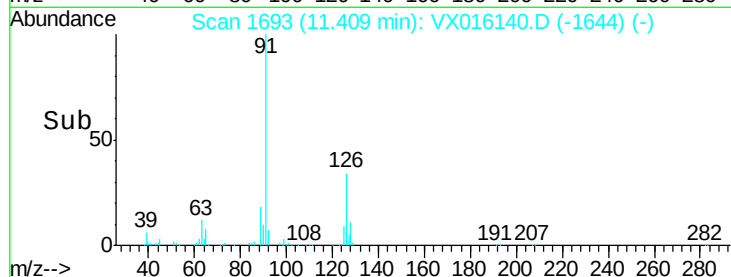
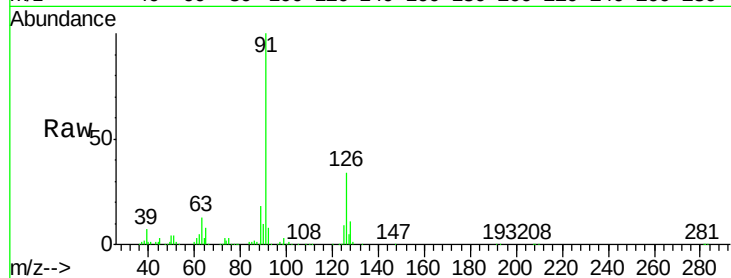
126 33.5 16.9 50.6

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#80

1,3,5-Trimethylbenzene

Concen: 18.866 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016140.D

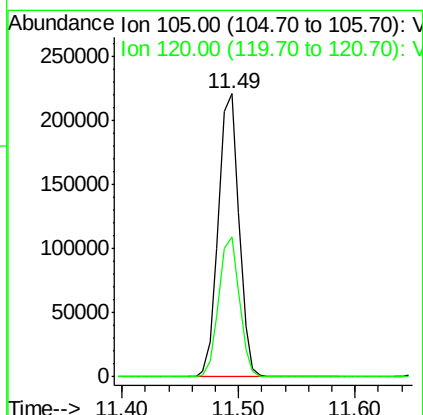
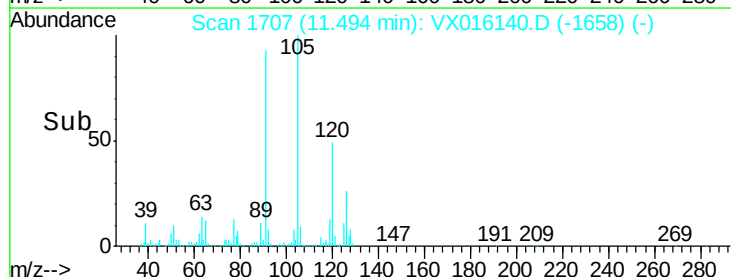
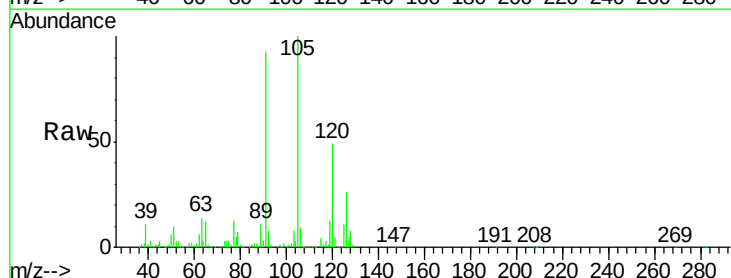
Acq: 11 May 2020 11:48

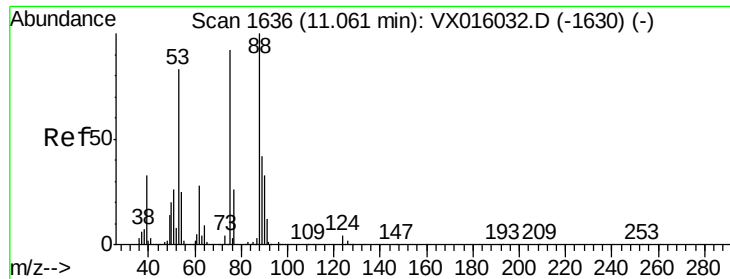
Tgt Ion: 105 Resp: 270019

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





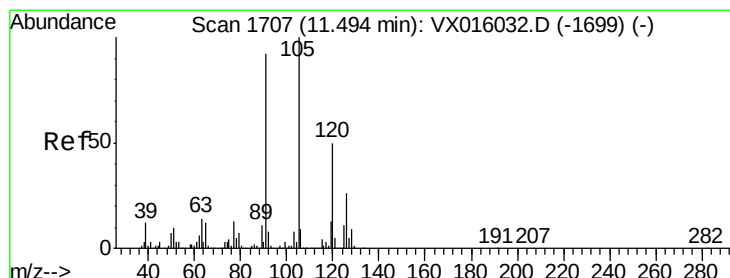
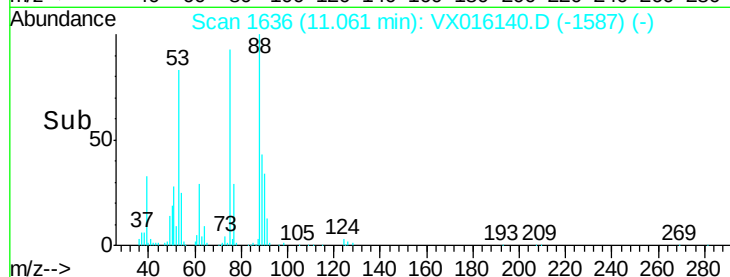
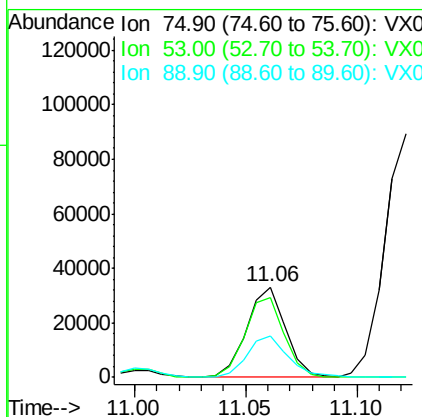
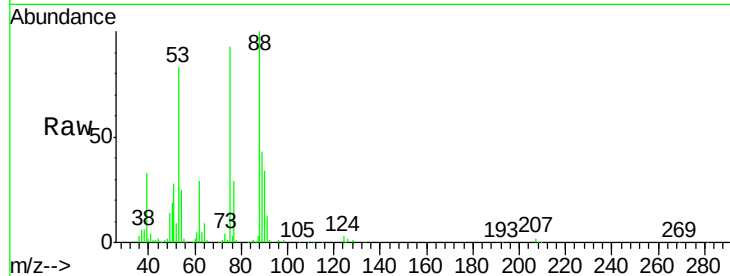
#81
trans-1,4-Dichloro-2-butene
Concen: 17.968 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.7	73.1	109.7
89	48.9	36.7	55.1

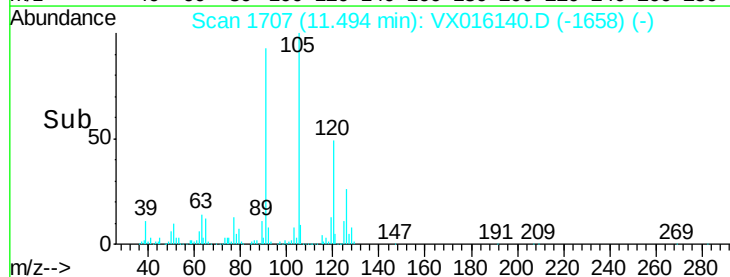
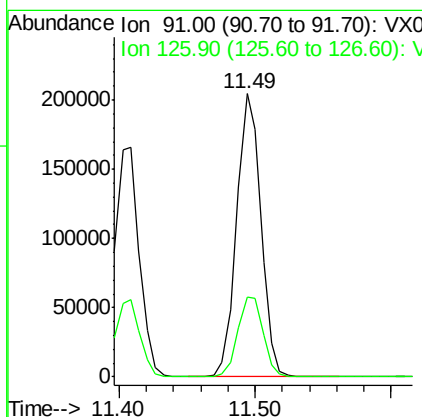
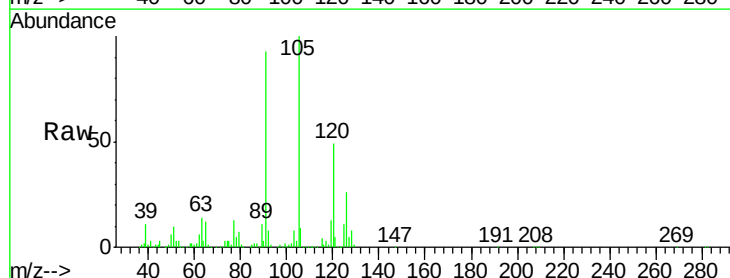
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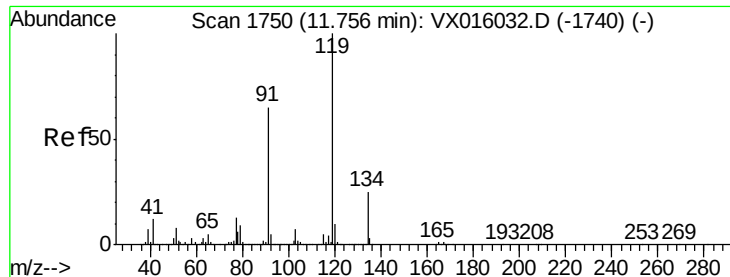
apatel
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#82
4-Chlorotoluene
Concen: 18.438 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.8	44.3





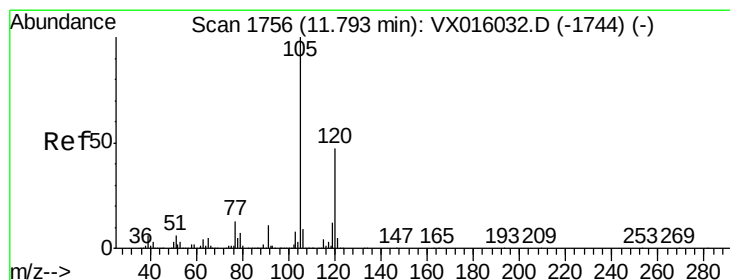
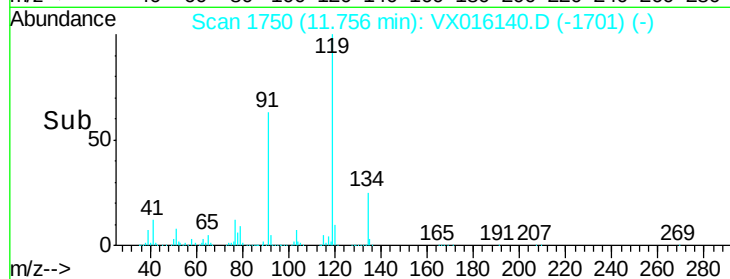
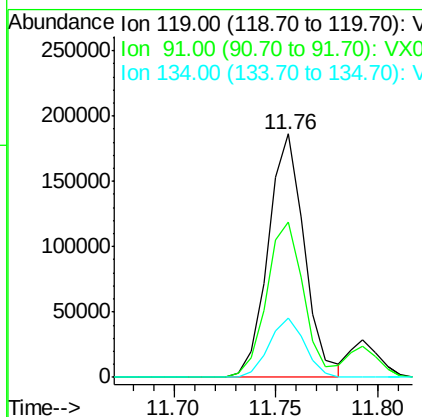
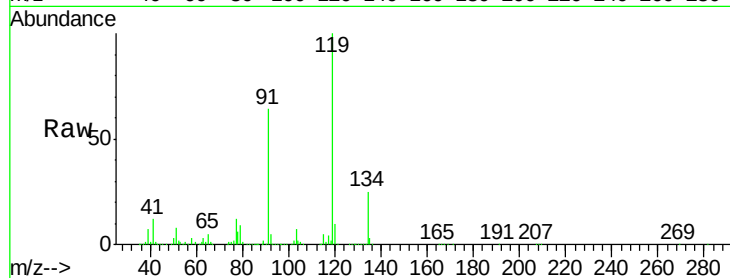
#83
 tert-Butylbenzene
 Concen: 18.648 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	230014		
91	65.8	32.8	98.4	
134	24.2	12.4	37.0	

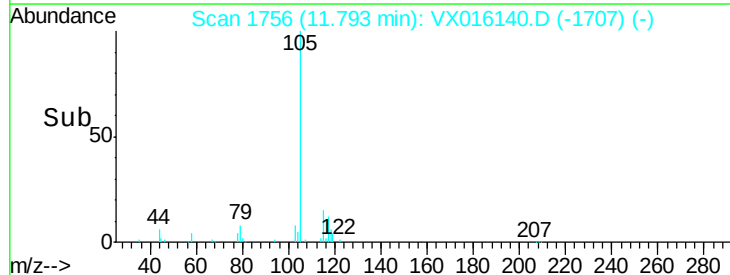
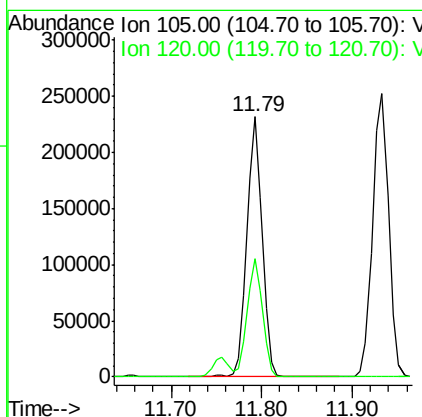
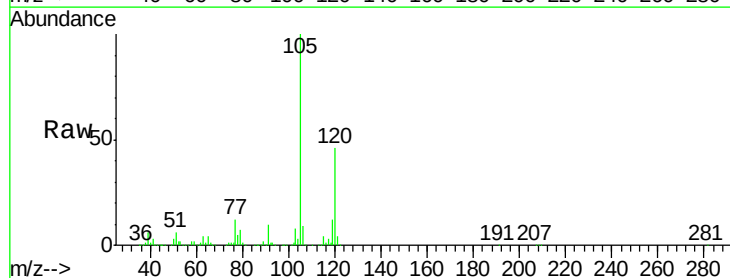
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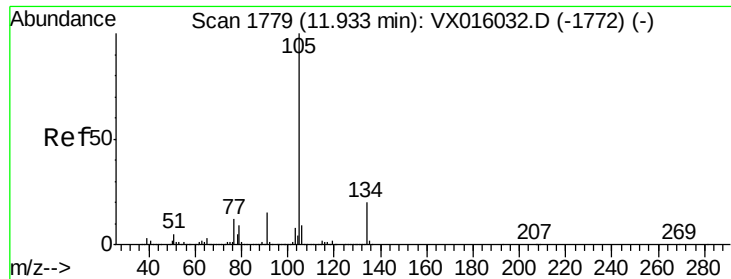
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.729 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	271016		
120	45.7	23.0	69.0	





#85

sec-Butylbenzene

Concen: 18.622 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBS01

Tot Ion:105 Resp: 310138

Ion Ratio Lower Upper

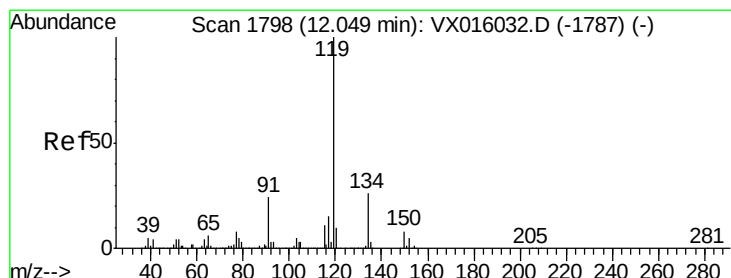
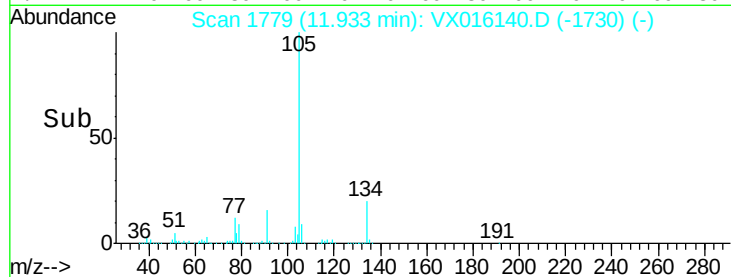
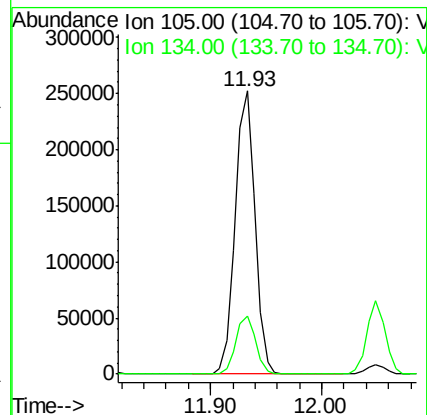
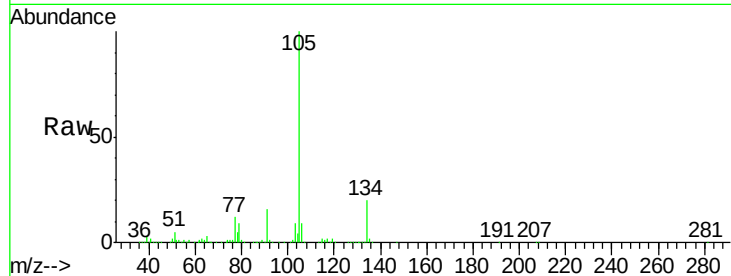
105 100

134 20.6 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 18.598 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

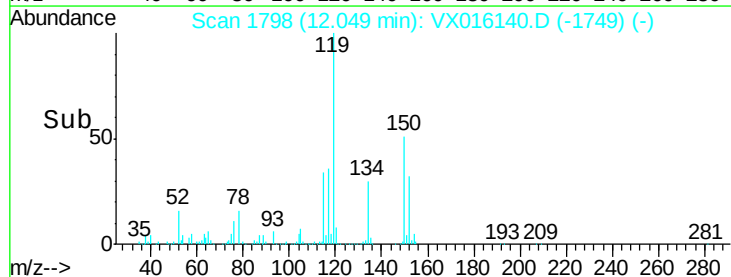
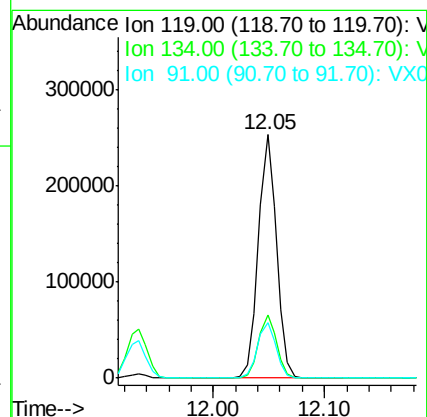
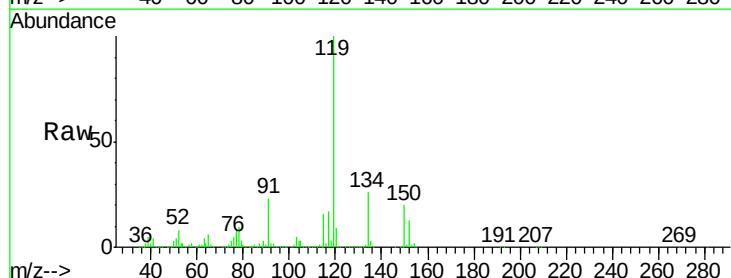
Tgt Ion:119 Resp: 287576

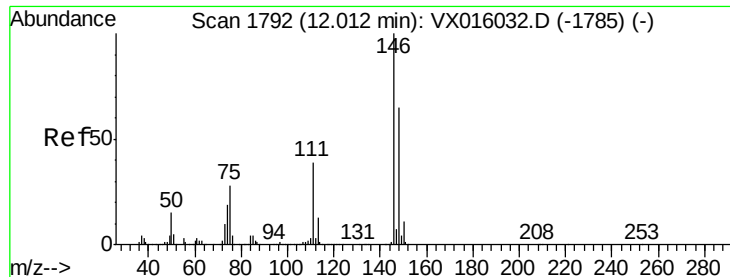
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 23.5 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 18.119 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

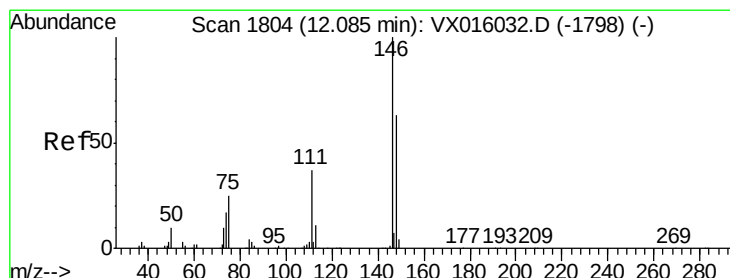
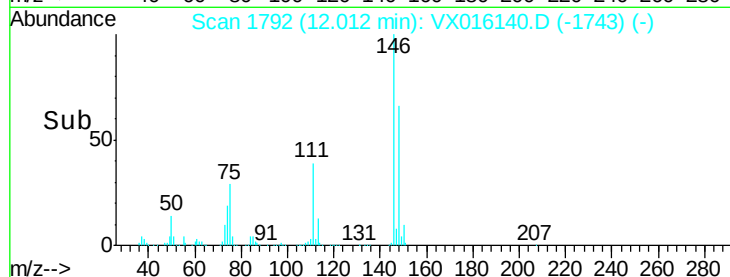
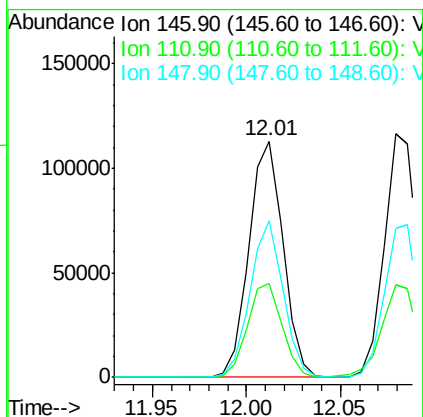
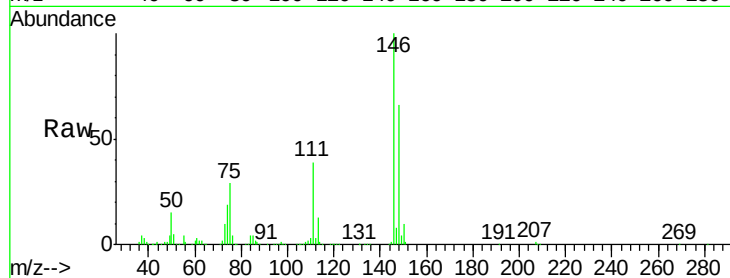
ClientSampled :

VX0511WBS01

Tot Ion:	146	Resp:	142351
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.2	60.6
148	63.8	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.152 ug/l

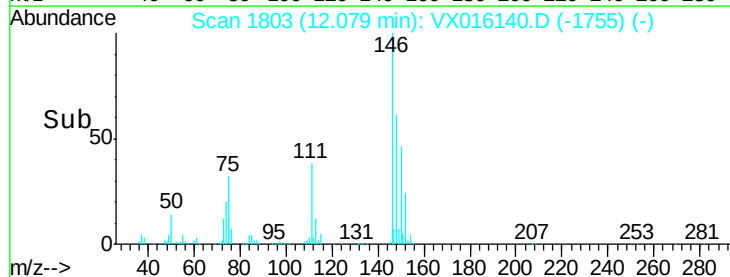
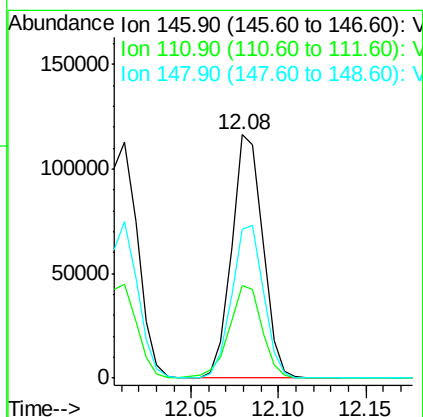
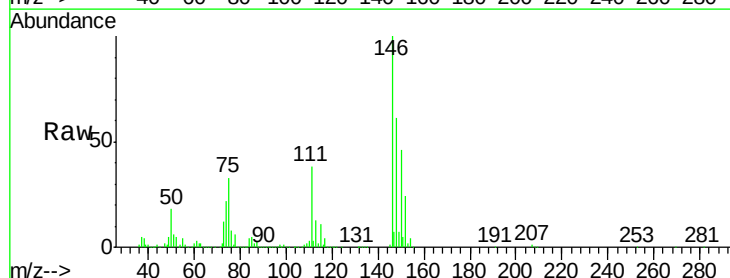
RT: 12.08 min Scan# 1803

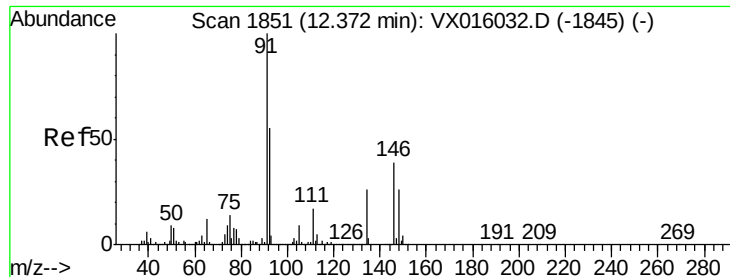
Delta R.T. -0.01 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Tgt Ion:	146	Resp:	144741
Ion Ratio	Lower	Upper	
146	100		
111	40.3	19.6	58.7
148	64.2	31.8	95.3





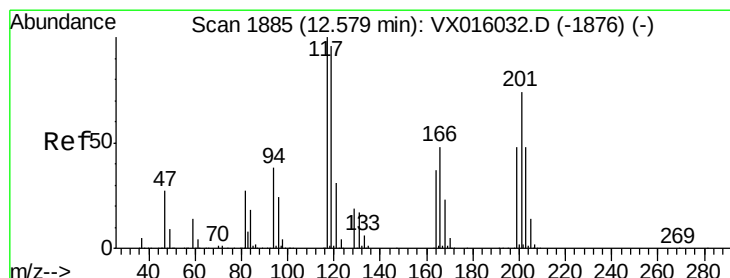
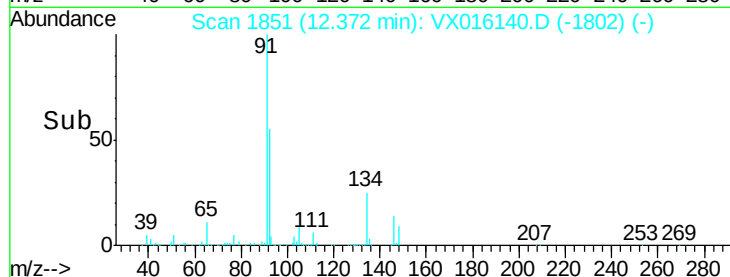
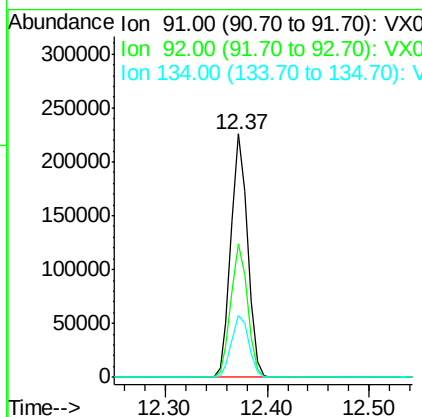
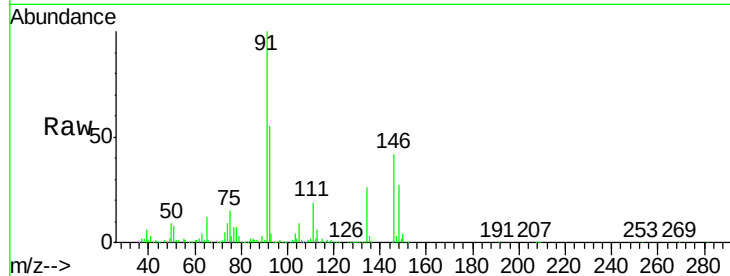
#89
n-Butylbenzene
Concen: 17.921 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.6	82.7
134	26.5	13.4	40.1

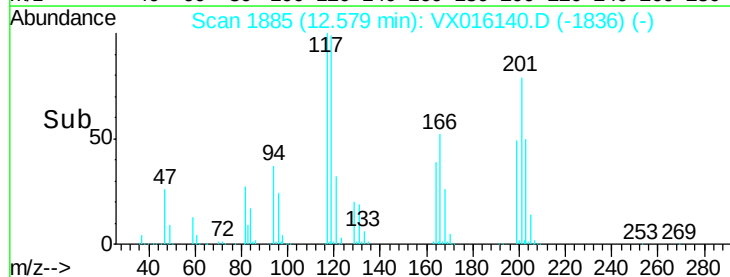
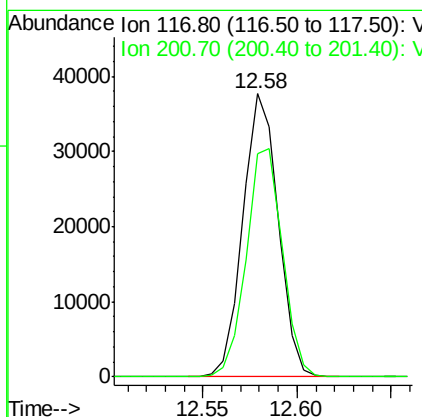
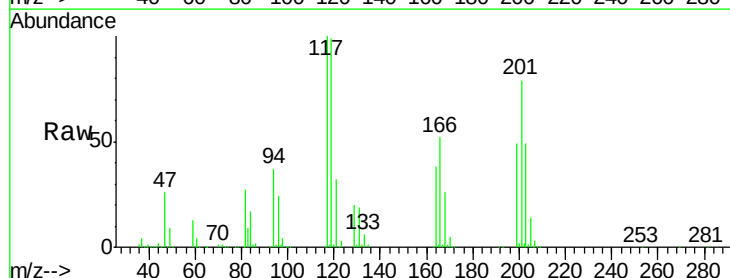
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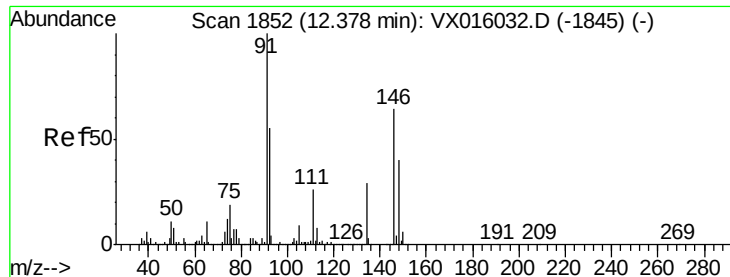
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#90
Hexachloroethane
Concen: 18.416 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016140.D
Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.6	39.8	119.3





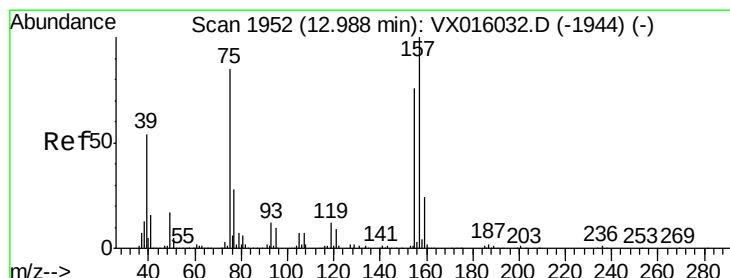
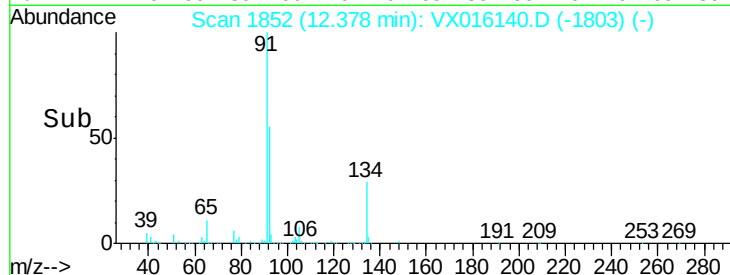
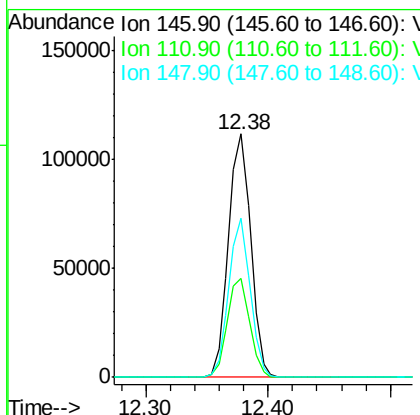
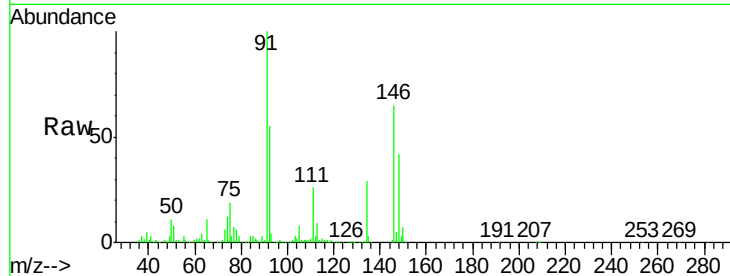
#91
 1,2-Dichlorobenzene
 Concen: 18.554 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	140355		
111	40.9	21.1	63.1	
148	63.0	32.4	97.0	

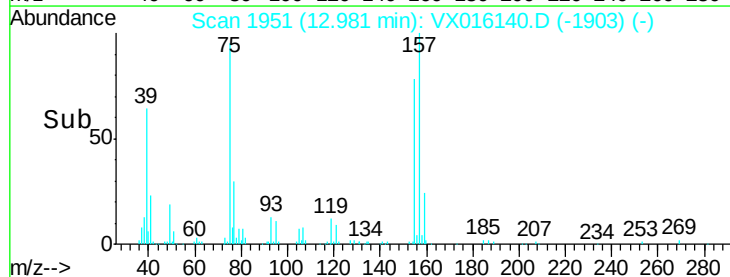
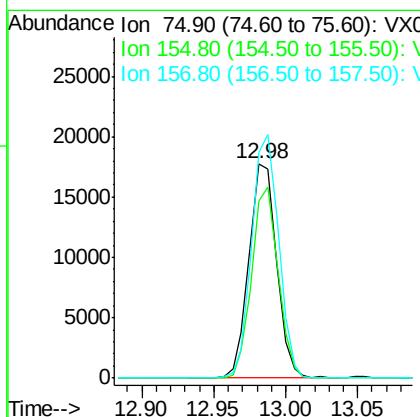
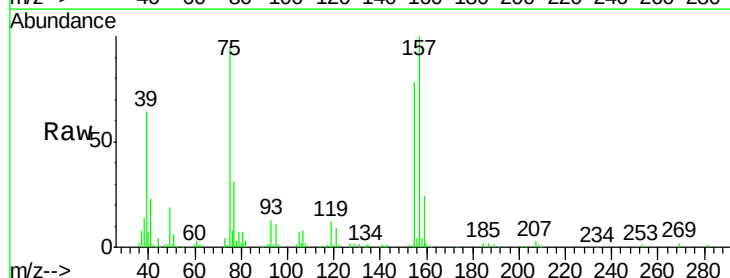
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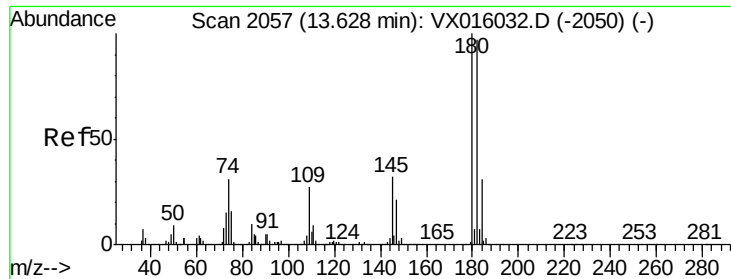
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.875 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	23522		
155	85.1	42.5	127.5	
157	110.8	55.3	165.8	





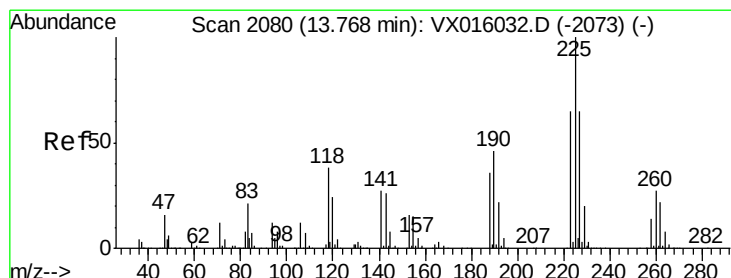
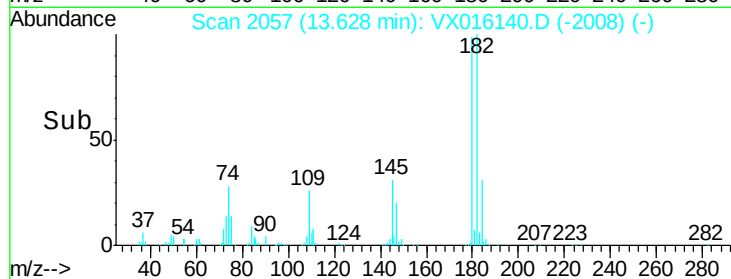
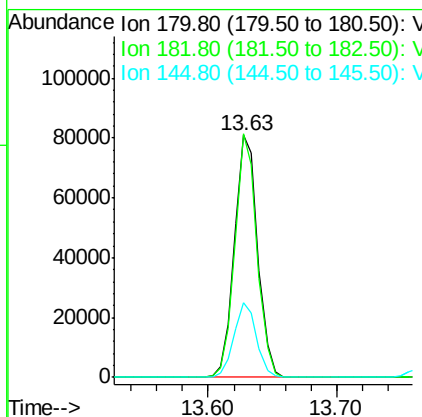
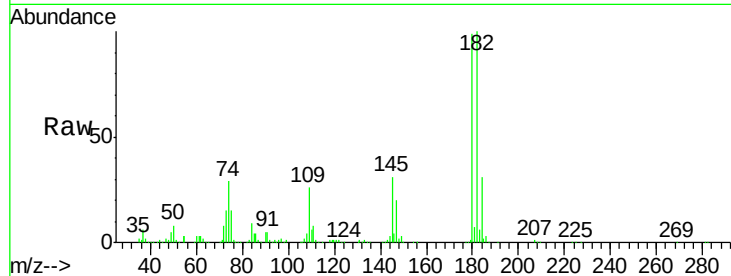
#93
 1,2,4-Trichlorobenzene
 Concen: 18.138 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	48.7	146.1	
145	29.9	15.7	47.1	

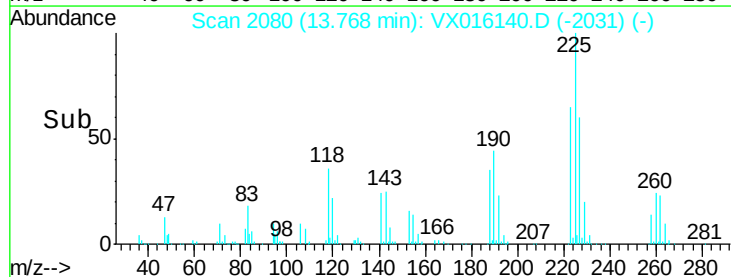
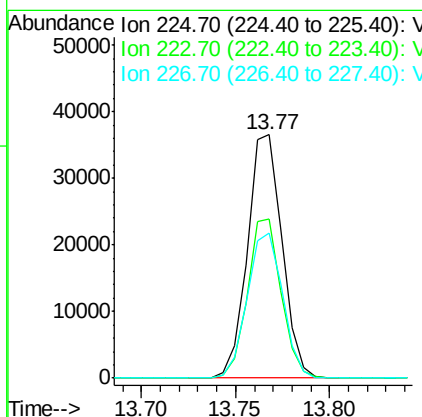
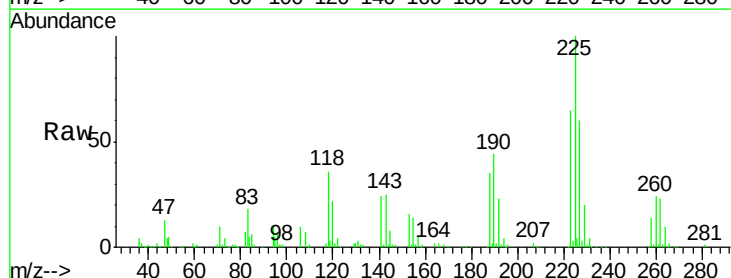
Manual Integrations
 APPROVED

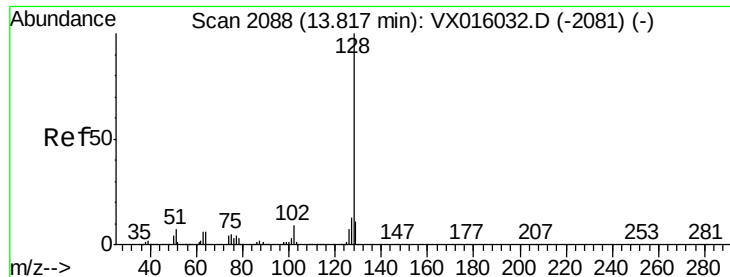
apatel
 5/12/2020 2:07:06 PM



#94
 Hexachlorobutadiene
 Concen: 19.593 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016140.D
 Acq: 11 May 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	32.3	96.9	
227	61.0	31.8	95.4	





#95

Naphthalene

Concen: 18.097 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Instrument :

MSVOA_X

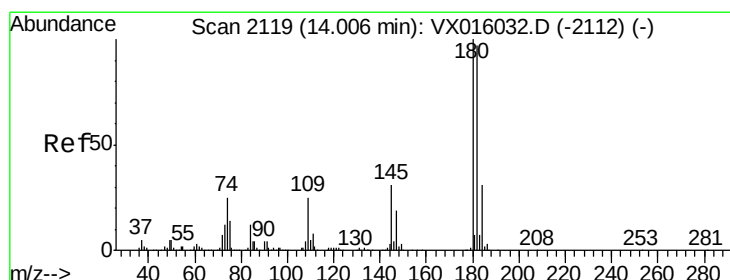
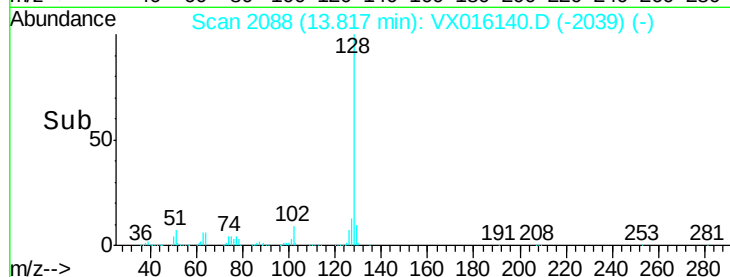
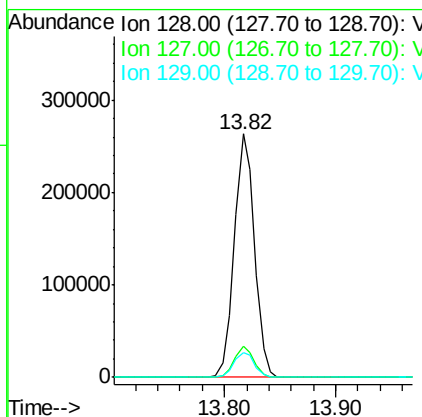
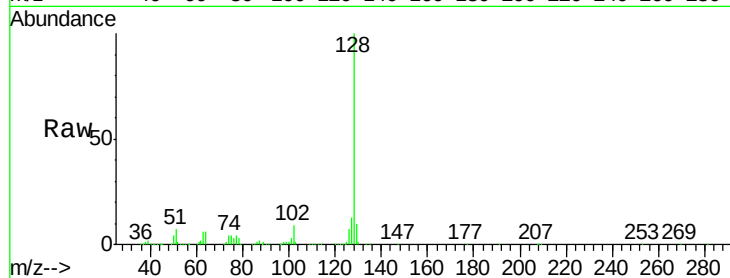
ClientSampleId :

VX0511WBS01

Tot Ion:	128	Resp:	328194
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.6	8.7	13.1

Manual Integrations
APPROVED

apatel
5/12/2020 2:07:06 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.474 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016140.D

Acq: 11 May 2020 11:48

Tgt Ion:	180	Resp:	101119
Ion Ratio	Lower	Upper	
180	100		
182	93.9	48.4	145.0
145	32.0	16.4	49.1

