

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091720\
 Data File : VX018460.D
 Acq On : 17 Sep 2020 11:06
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:19:39 PM

Quant Time: Sep 17 12:08:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 11:50:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	568187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	899617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	848510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	451435	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	370530	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
35) Dibromofluoromethane	5.46	113	289506	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
50) Toluene-d8	8.70	98	1073386	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.12	95	423503	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	281617	42.435	ug/l	100
3) Chloromethane	1.31	50	300682	42.356	ug/l	100
4) Vinyl Chloride	1.39	62	328079	46.008	ug/l	100
5) Bromomethane	1.63	94	210336	57.994	ug/l	100
6) Chloroethane	1.71	64	190914	49.314	ug/l	100
7) Trichlorofluoromethane	1.92	101	495655	50.169	ug/l	100
8) Diethyl Ether	2.17	74	168059	50.023	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	270151	50.344	ug/l	100
10) Methyl Iodide	2.49	142	334658	63.869	ug/l	100
11) Tert butyl alcohol	3.01	59	344425	228.545	ug/l	100
12) 1,1-Dichloroethene	2.36	96	270547	48.789	ug/l	100
13) Acrolein	2.28	56	214068	313.636	ug/l	100
14) Allyl chloride	2.71	41	521256	52.029	ug/l	100
15) Acrylonitrile	3.12	53	846832	244.174	ug/l	100
16) Acetone	2.42	43	741489	240.727	ug/l	100
17) Carbon Disulfide	2.55	76	801063	47.661	ug/l	100
18) Methyl Acetate	2.75	43	376956	50.659	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	972287	50.962	ug/l	100
20) Methylene Chloride	2.84	84	313774	45.262	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	304528	49.326	ug/l	100
22) Diisopropyl ether	3.82	45	999563	50.754	ug/l	100
23) Vinyl Acetate	3.79	43	4549783	259.743	ug/l	100
24) 1,1-Dichloroethane	3.67	63	556871	49.781	ug/l	100
25) 2-Butanone	4.64	43	1201028	239.456	ug/l	100
26) 2,2-Dichloropropane	4.55	77	507196	54.447	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	347441	48.888	ug/l	100
28) Bromochloromethane	4.98	49	266472	49.163	ug/l	100
29) Tetrahydrofuran	5.09	42	770606	242.018	ug/l	100
30) Chloroform	5.18	83	573504	49.483	ug/l	100
31) Cyclohexane	5.56	56	481635	50.863	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	540436	50.554	ug/l	100
36) 1,1-Dichloropropene	5.77	75	434779	52.120	ug/l	100
37) Ethyl Acetate	4.79	43	473016	49.152	ug/l	100
38) Carbon Tetrachloride	5.76	117	495049	52.577	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	491671	53.686	ug/l	100
40) Benzene	6.12	78	1235688	50.536	ug/l	100
41) Methacrylonitrile	5.00	41	256163	48.566	ug/l	100
42) 1,2-Dichloroethane	6.16	62	481945	51.284	ug/l	100
43) Isopropyl Acetate	6.42	43	781701	50.298	ug/l	100
44) Trichloroethene	7.19	130	356940	51.522	ug/l	100
45) 1,2-Dichloropropane	7.49	63	331656	50.498	ug/l	100
46) Dibromomethane	7.64	93	233984	50.420	ug/l	100
47) Bromodichloromethane	7.88	83	474306	51.323	ug/l	100
48) Methyl methacrylate	7.74	41	387035	50.052	ug/l	100
49) 1,4-Dioxane	7.71	88	120389	889.121	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2381333	249.603	ug/l	100
52) Toluene	8.77	92	777838	50.356	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	535334	52.145	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	562202	51.669	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	325780	49.546	ug/l	100
56) Ethyl methacrylate	9.16	69	504681	51.538	ug/l	100
57) 1,3-Dichloropropane	9.35	76	544544	50.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1320452	290.283	ug/l	100
59) 2-Hexanone	9.48	43	1831874	252.786	ug/l	100
60) Dibromochloromethane	9.57	129	391159	50.632	ug/l	100
61) 1,2-Dibromoethane	9.65	107	353363	49.529	ug/l	100
64) Tetrachloroethene	9.32	164	322761	51.508	ug/l	100
65) Chlorobenzene	10.12	112	867751	51.098	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	349576	52.127	ug/l	100
67) Ethyl Benzene	10.24	91	1545646	53.348	ug/l	100
68) m/p-Xylenes	10.34	106	1156835	107.337	ug/l	100
69) o-Xylene	10.68	106	554653	52.972	ug/l	100
70) Styrene	10.70	104	988991	55.310	ug/l	100
71) Bromoform	10.84	173	301746	52.779	ug/l	100
73) Isopropylbenzene	11.00	105	1523485	51.355	ug/l	100
74) N-amyl acetate	10.88	43	698684	50.149	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	490163	46.945	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	472499m	47.391	ug/l	
77) Bromobenzene	11.24	156	404960	49.221	ug/l	100
78) n-propylbenzene	11.34	91	1791437	52.798	ug/l	100
79) 2-Chlorotoluene	11.40	91	1071283	51.347	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1312688	53.637	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	187243	50.433	ug/l	100
82) 4-Chlorotoluene	11.49	91	1272221	51.227	ug/l	100
83) tert-Butylbenzene	11.76	119	1276432	52.732	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1339764	53.487	ug/l	100
85) sec-Butylbenzene	11.93	105	1500208	54.344	ug/l	100
86) p-Isopropyltoluene	12.05	119	1411069	55.574	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	731706	50.351	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	737068	50.641	ug/l	100
89) n-Butylbenzene	12.37	91	1273792	54.687	ug/l	100
90) Hexachloroethane	12.58	117	266885	53.490	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	685467	50.479	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	123760	47.324	ug/l	100

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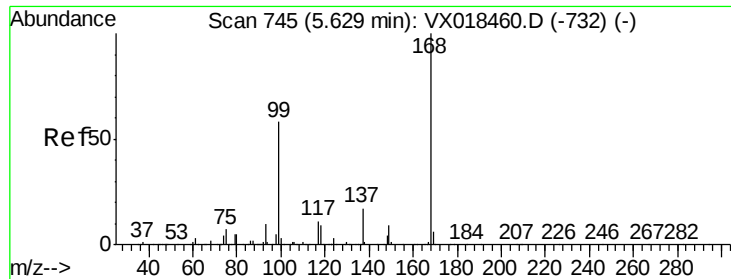
Manual Integrations
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QLast Update : Thu Sep 17 11:50:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	466391	51.231	ug/l	100
94) Hexachlorobutadiene	13.76	225	197006	54.006	ug/l	100
95) Naphthalene	13.82	128	1535248	51.573	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	462621	51.239	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 568187

Ion Ratio Lower Upper

168 100

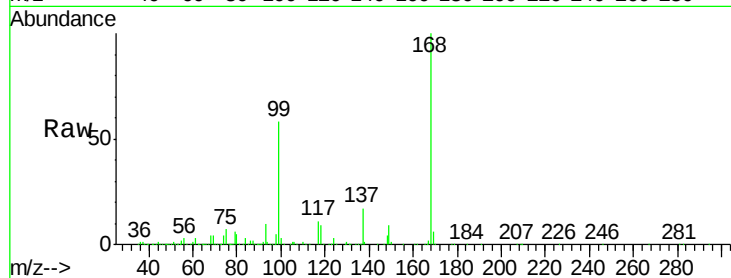
99 58.1 46.5 69.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

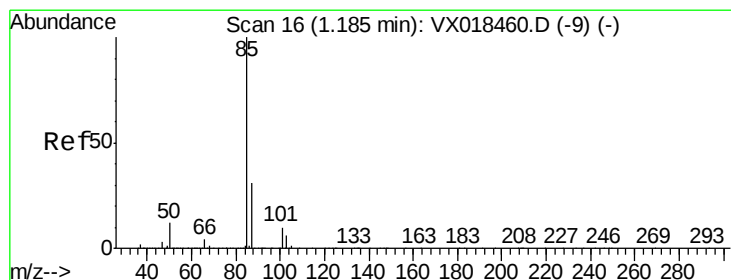
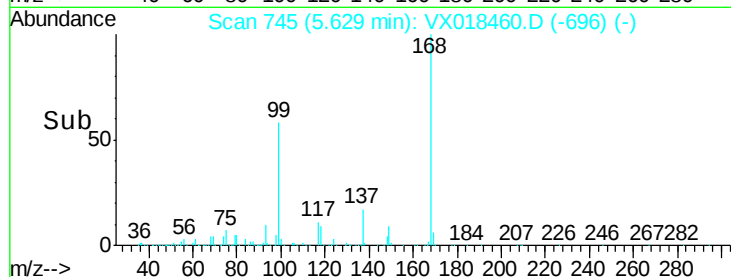
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.435 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018460.D

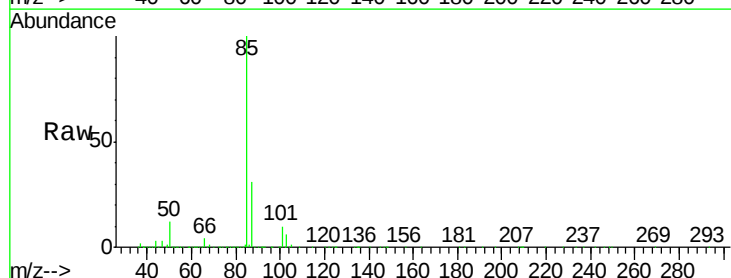
Acq: 17 Sep 2020 11:06

Tgt Ion: 85 Resp: 281617

Ion Ratio Lower Upper

85 100

87 31.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

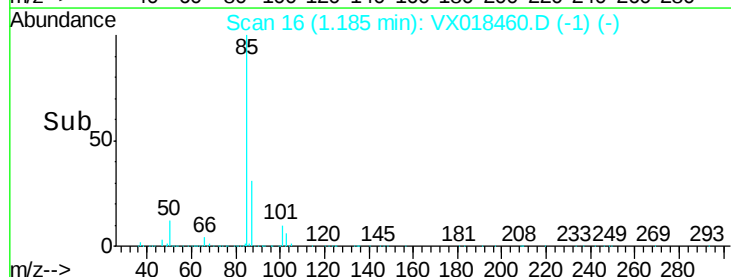
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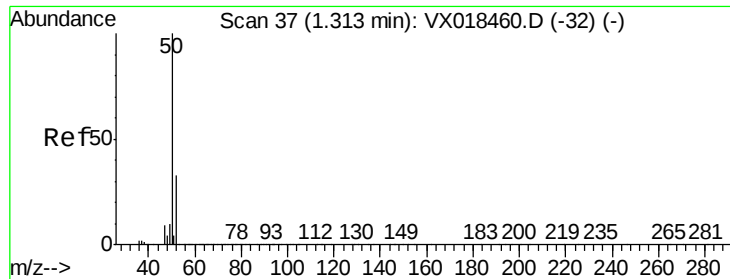
200000

100000

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Time-->





#3

Chloromethane

Concen: 42.356 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 300682

Ion Ratio Lower Upper

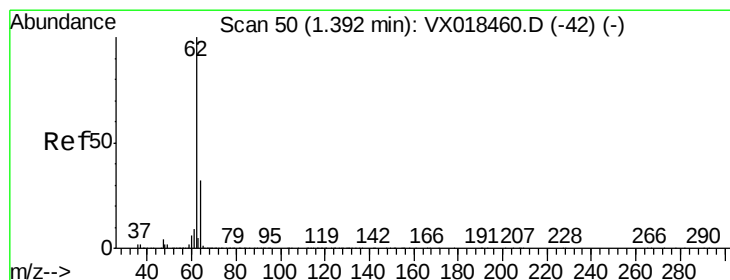
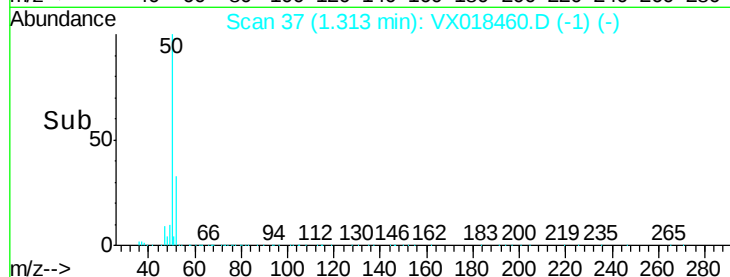
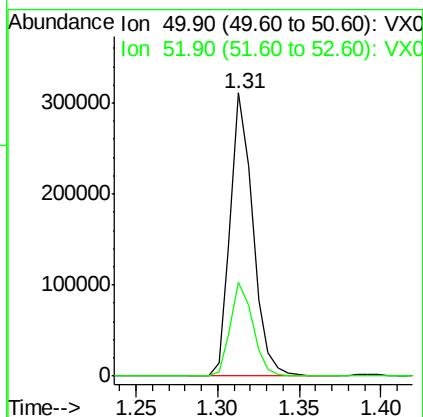
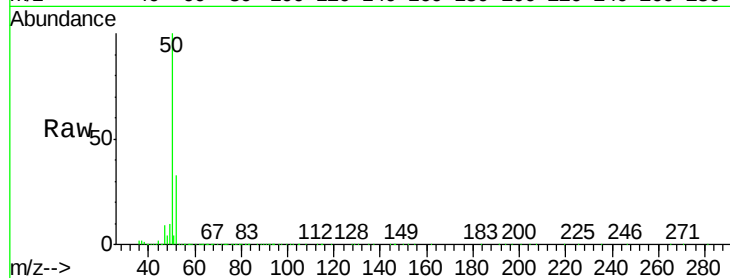
50 100

52 33.3 26.6 40.0

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#4

Vinyl Chloride

Concen: 46.008 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018460.D

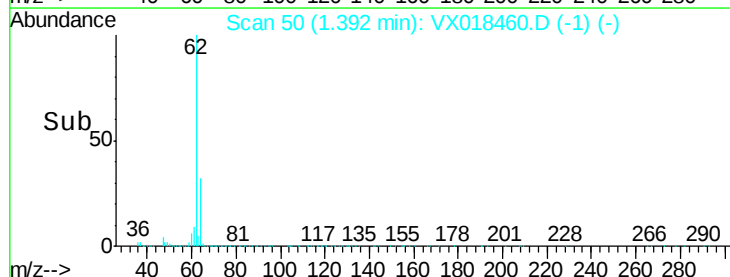
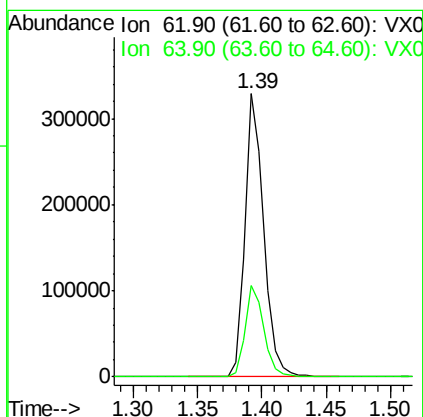
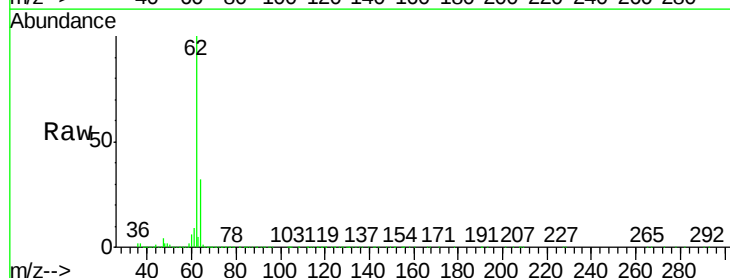
Acq: 17 Sep 2020 11:06

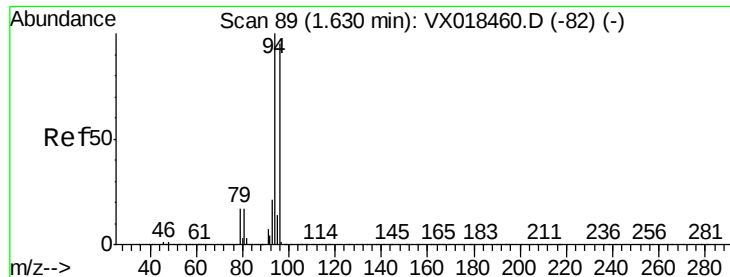
Tgt Ion: 62 Resp: 328079

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 57.994 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 210336

Ion Ratio Lower Upper

94 100

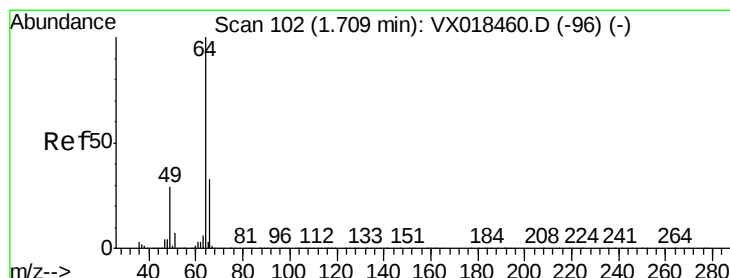
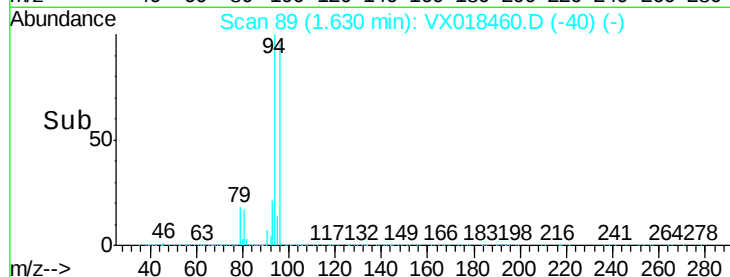
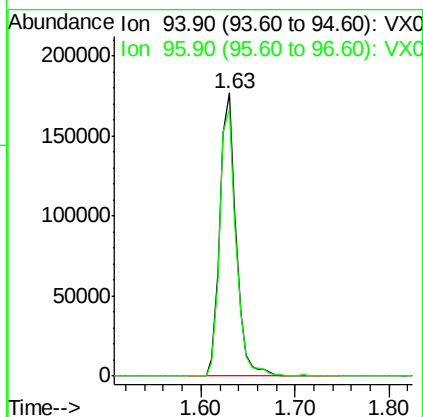
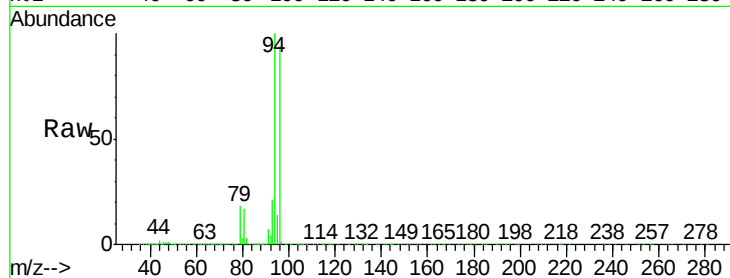
96 94.4 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 49.314 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018460.D

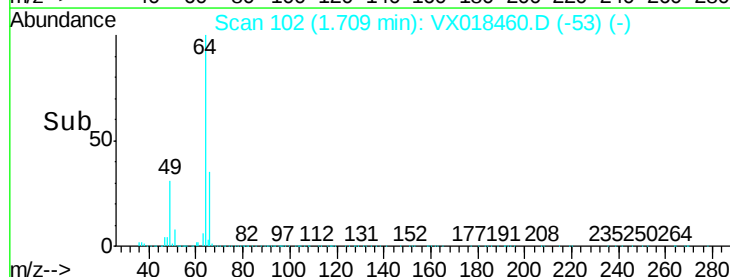
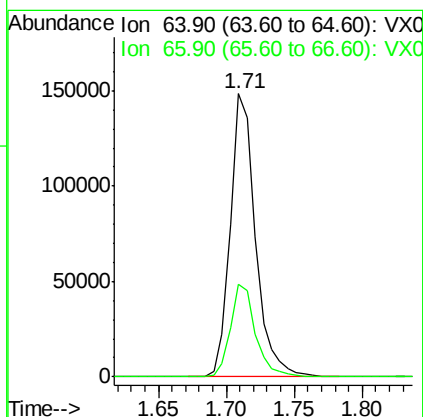
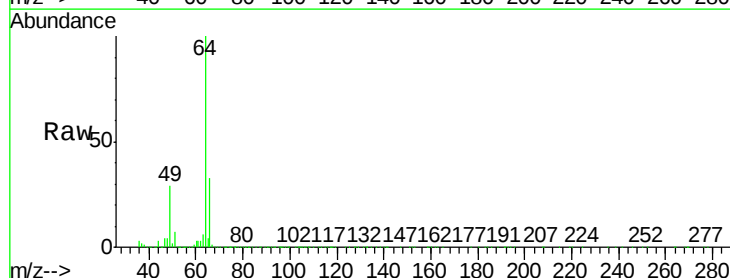
Acq: 17 Sep 2020 11:06

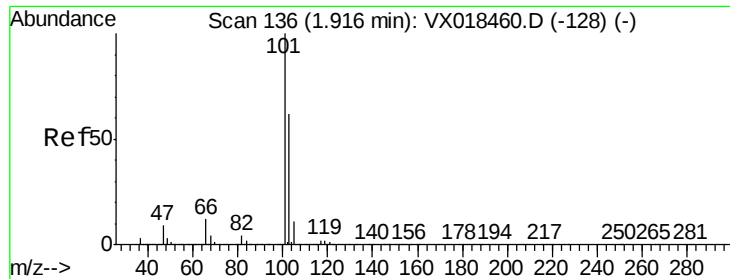
Tgt Ion: 64 Resp: 190914

Ion Ratio Lower Upper

64 100

66 32.8 26.2 39.4





#7

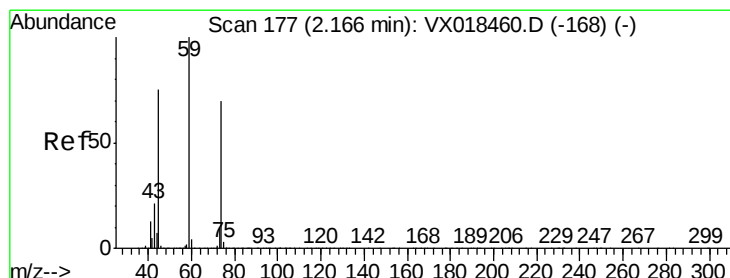
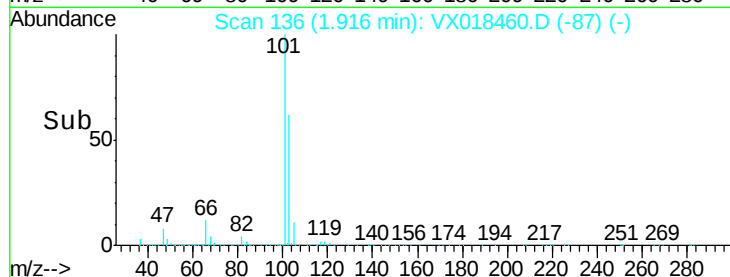
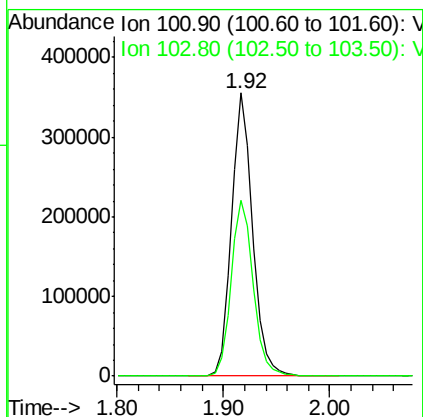
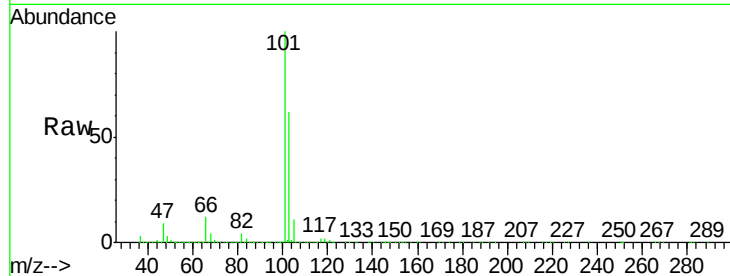
Trichlorofluoromethane
Concen: 50.169 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

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ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	49.6	74.4

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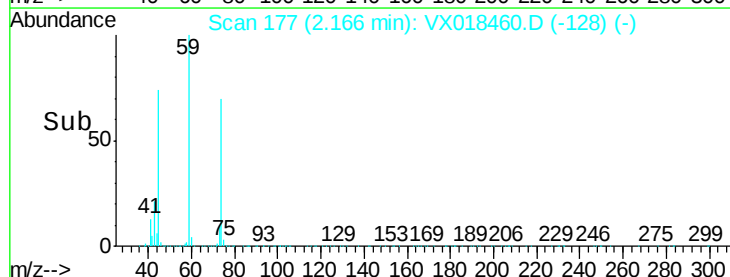
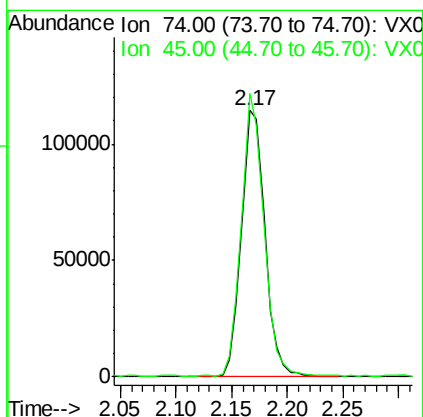
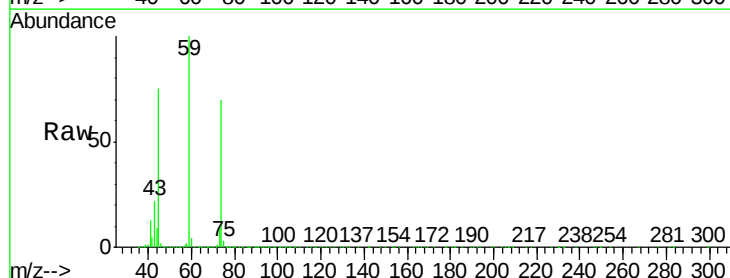
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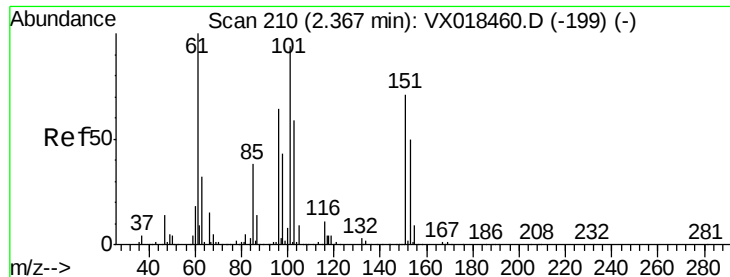


#8

Diethyl Ether
Concen: 50.023 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.4	50.7	152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.344 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

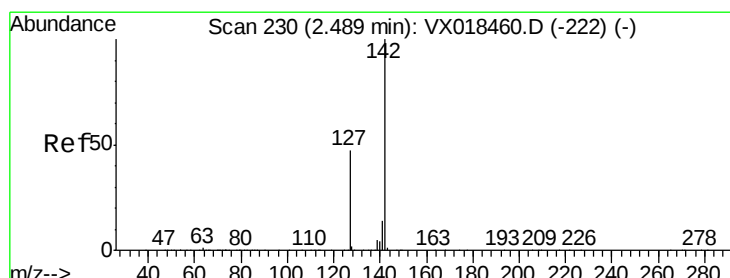
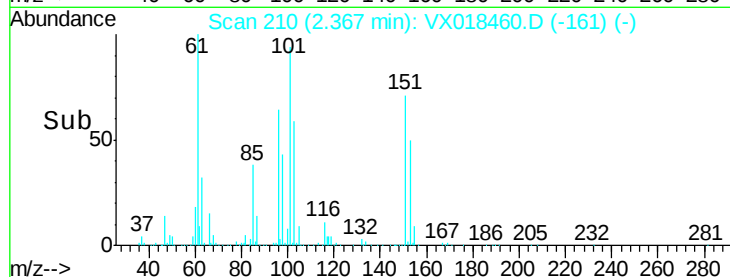
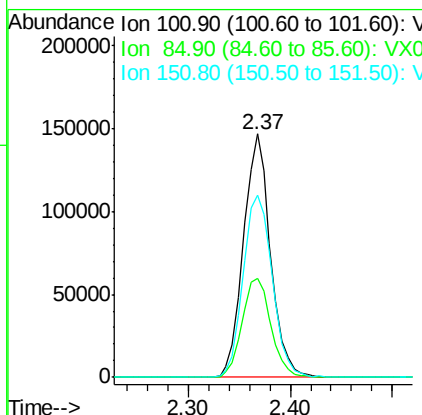
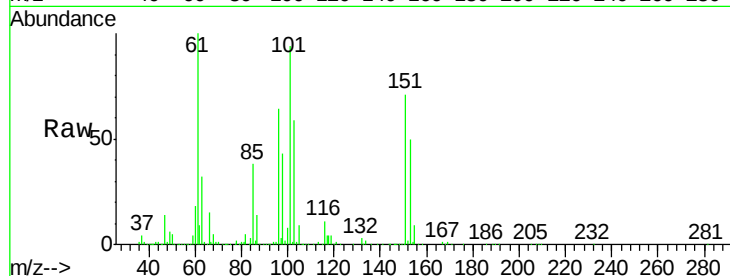
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	270151
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.7	52.1
151	81.1	64.9	97.3

Manual Integrations
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#10

Methyl Iodide

Concen: 63.869 ug/l

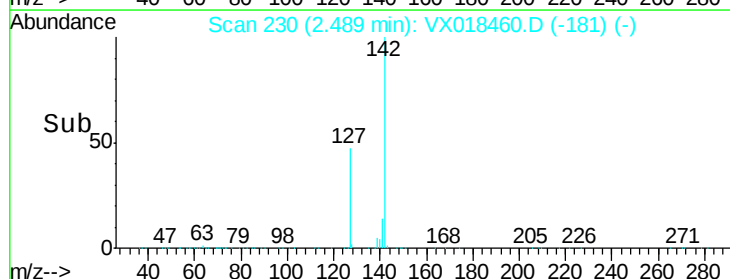
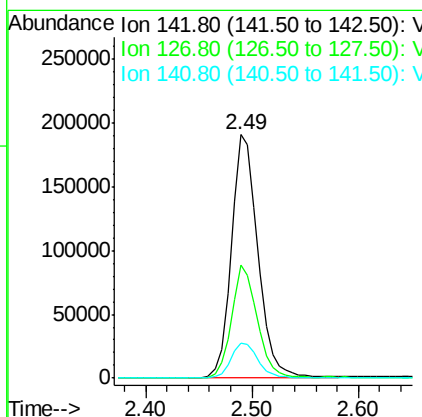
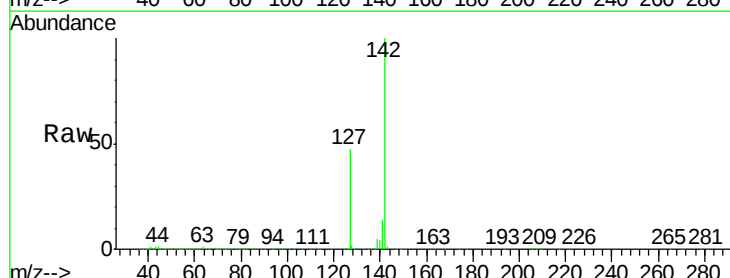
RT: 2.49 min Scan# 230

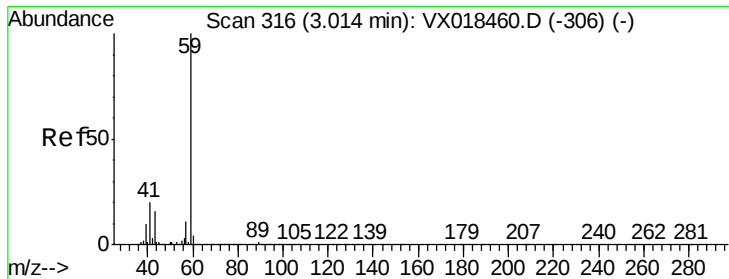
Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Tgt Ion:	142	Resp:	334658
Ion Ratio	Lower	Upper	
142	100		
127	45.0	36.0	54.0
141	14.9	11.9	17.9





#11

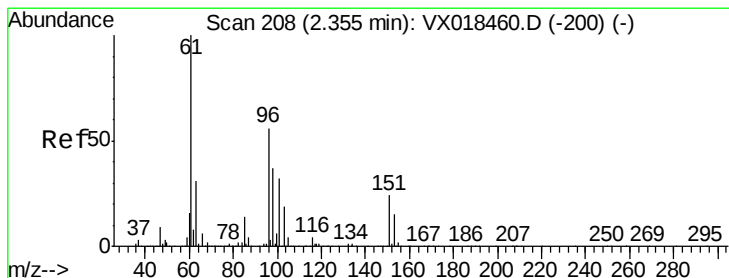
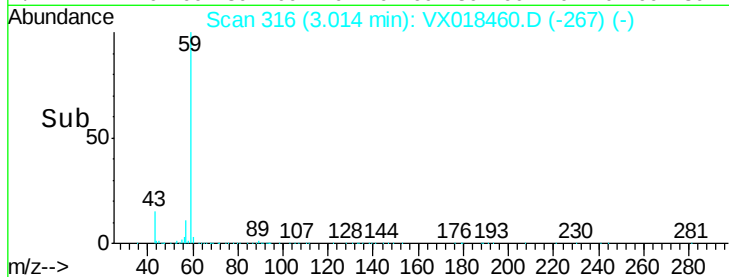
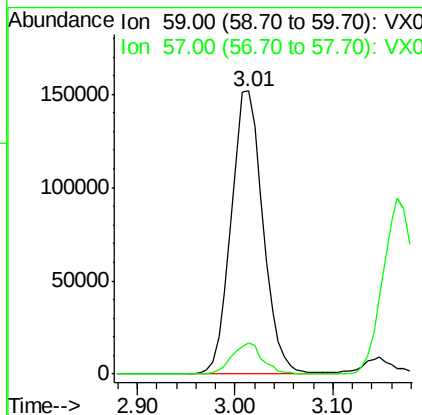
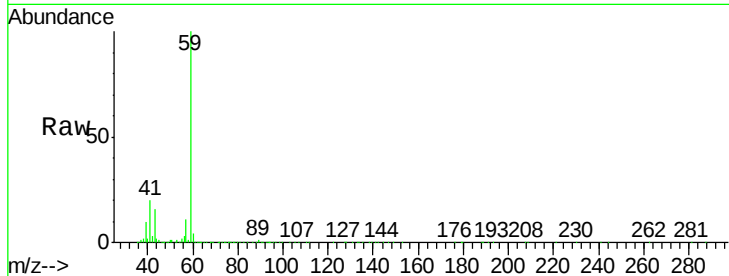
Tert butyl alcohol
Concen: 228.545 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations
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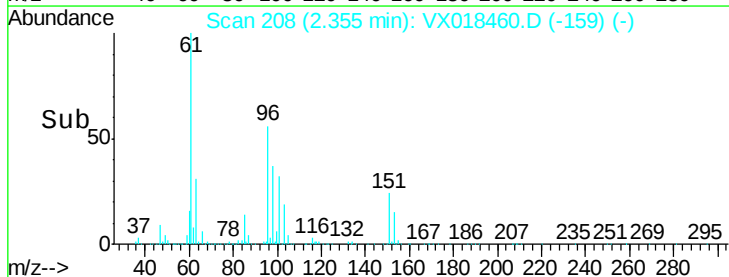
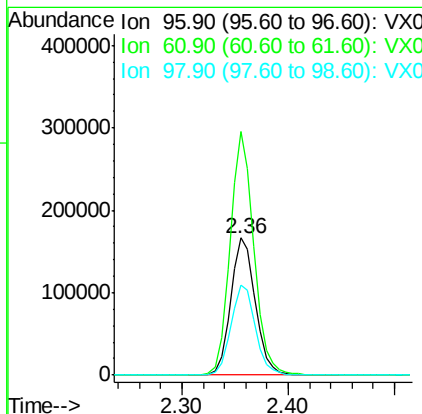
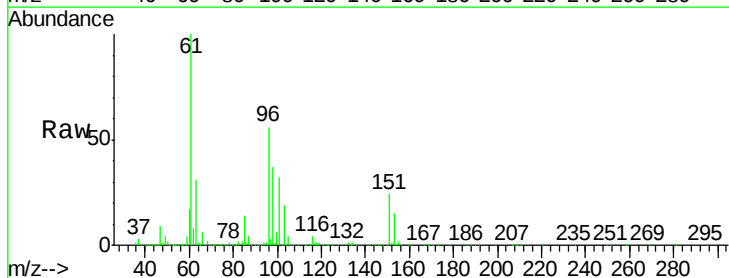
MMDadoda
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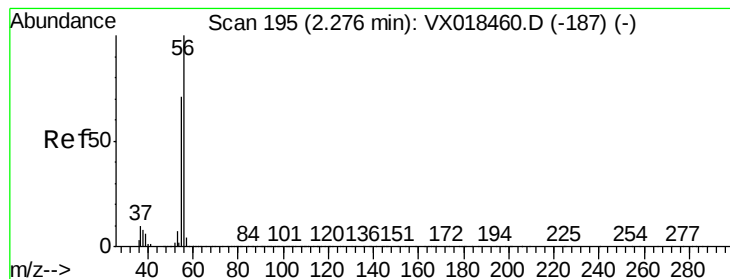


#12

1,1-Dichloroethene
Concen: 48.789 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.8	142.2	213.4
98	65.5	52.4	78.6





#13

Acrolein

Concen: 313.636 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 214068

Ion Ratio Lower Upper

56 100

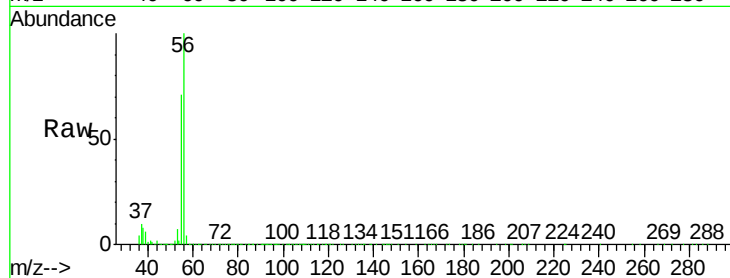
55 72.8 58.2 87.4

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

150000

100000

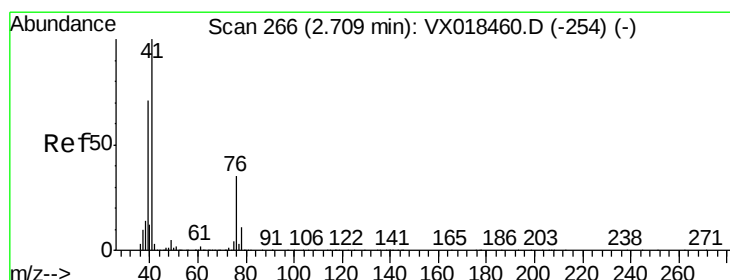
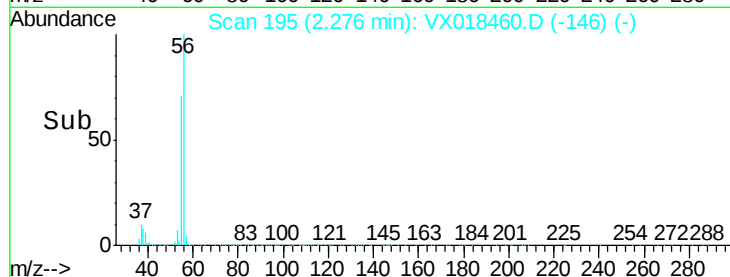
50000

0

2.28

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 52.029 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

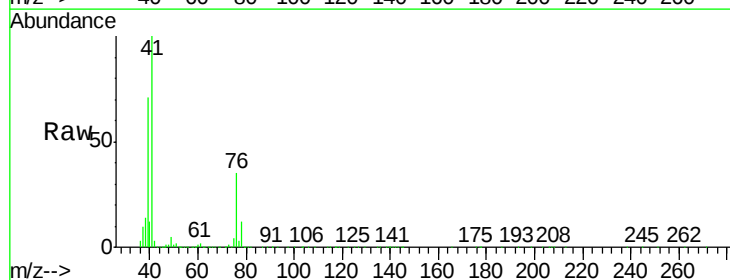
Tgt Ion: 41 Resp: 521256

Ion Ratio Lower Upper

41 100

39 63.9 51.1 76.7

76 32.5 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

600000

500000

400000

300000

200000

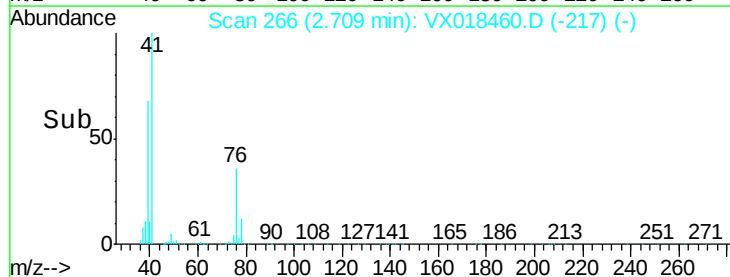
100000

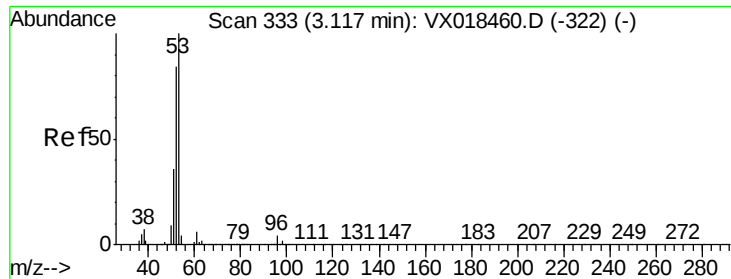
0

2.71

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 244.174 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

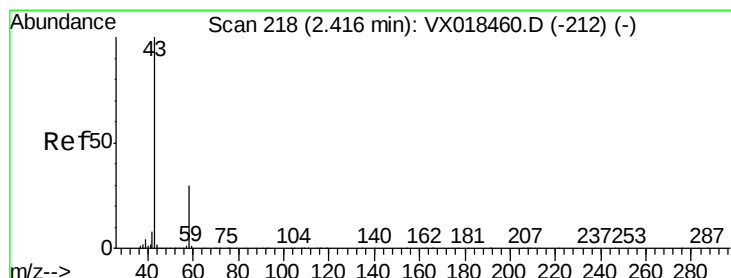
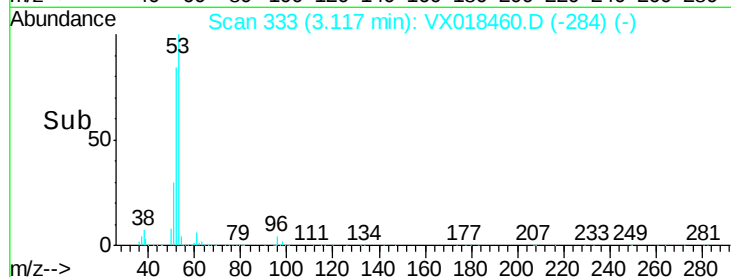
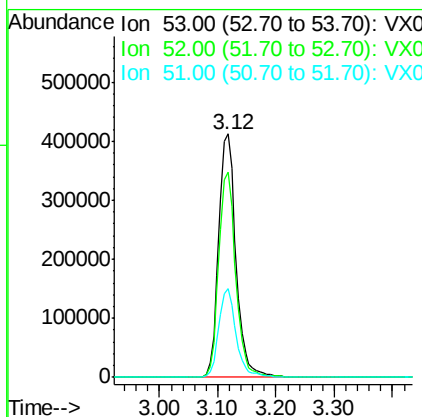
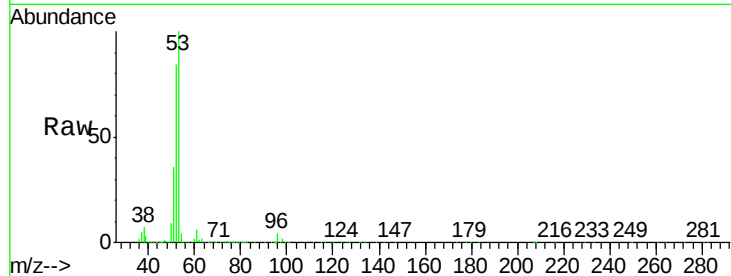
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	846832
Ion Ratio	Lower	Upper	
53	100		
52	82.3	65.8	98.8
51	36.5	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 240.727 ug/l

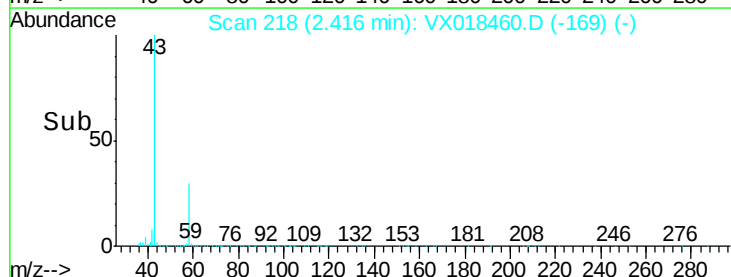
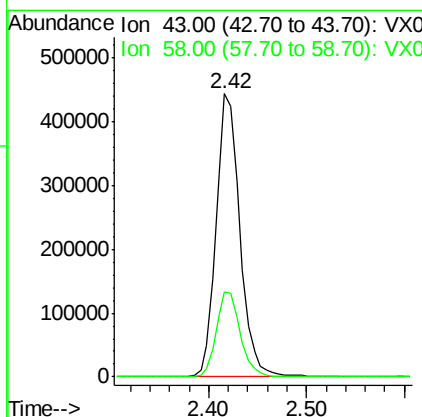
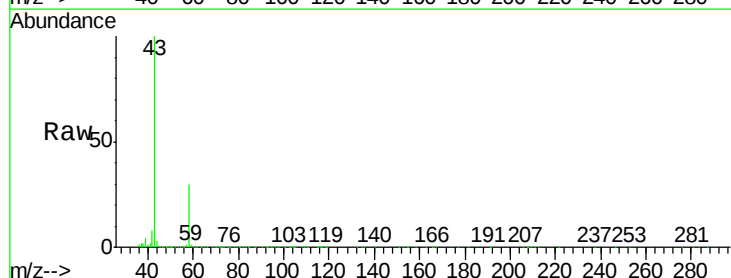
RT: 2.42 min Scan# 218

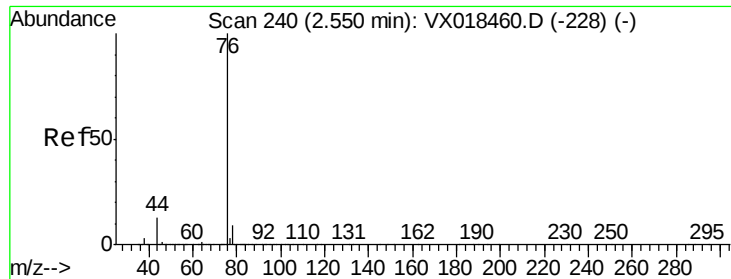
Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Tgt Ion:	43	Resp:	741489
Ion Ratio	Lower	Upper	
43	100		
58	30.0	24.0	36.0





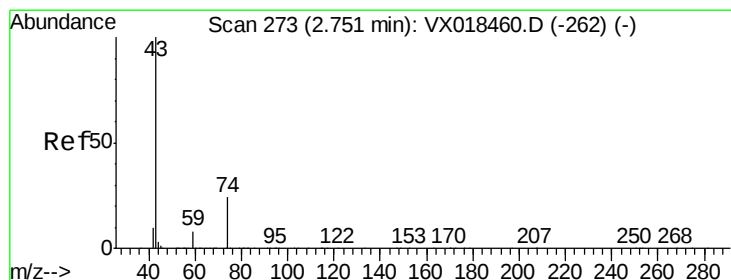
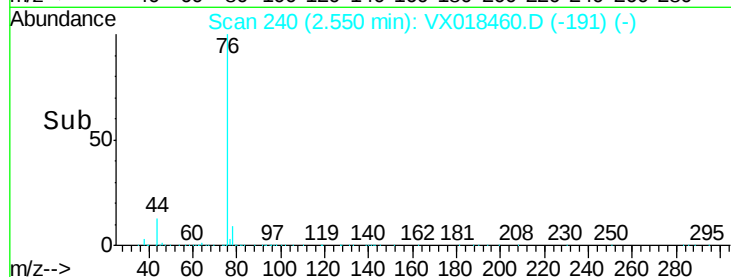
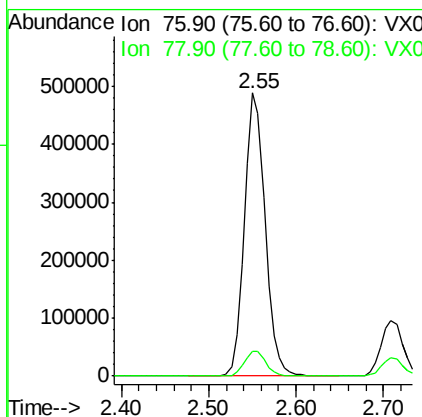
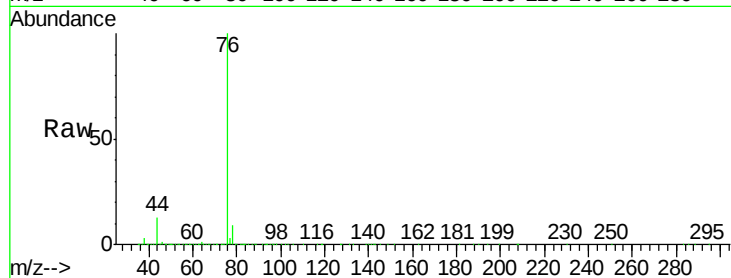
#17
Carbon Disulfide
Concen: 47.661 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.4

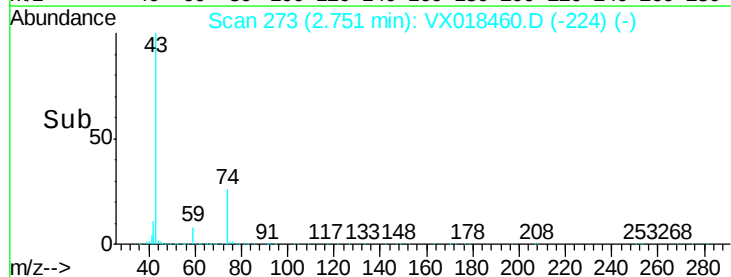
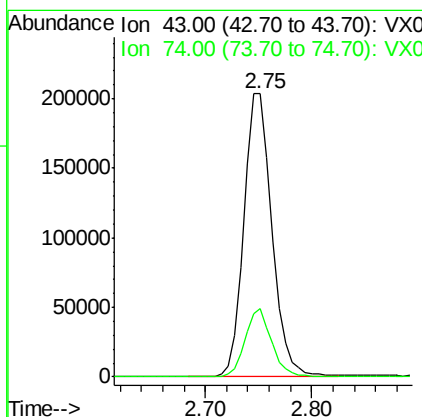
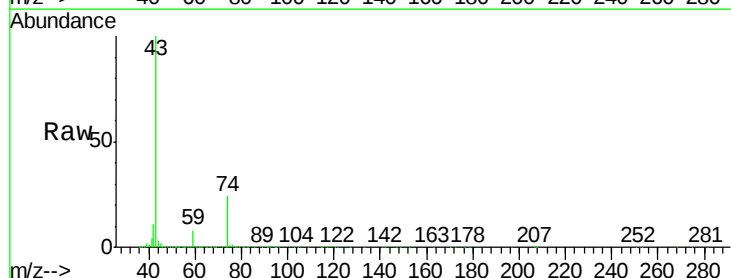
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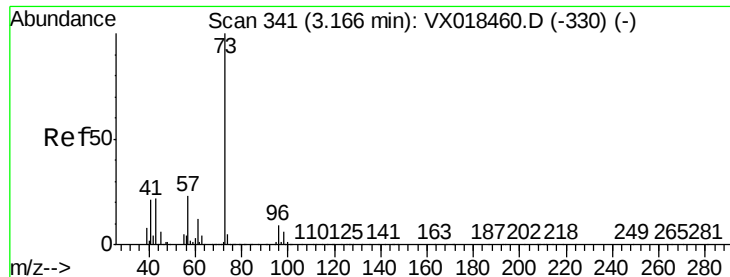
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#18
Methyl Acetate
Concen: 50.659 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.3	27.5





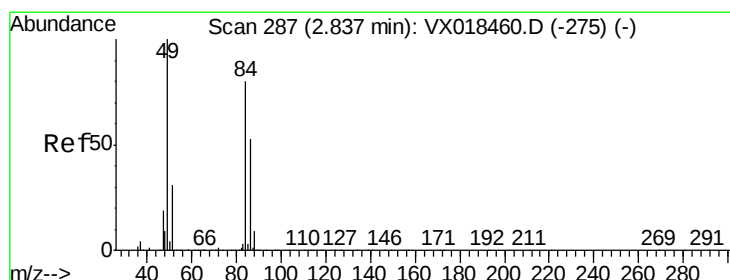
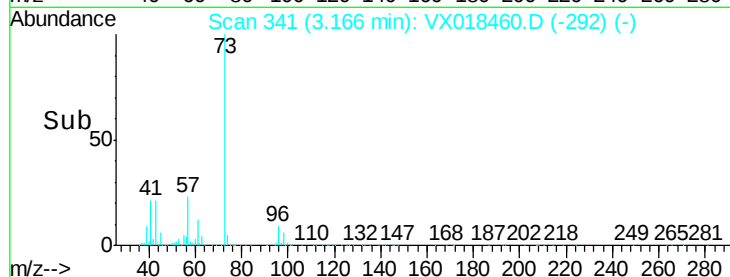
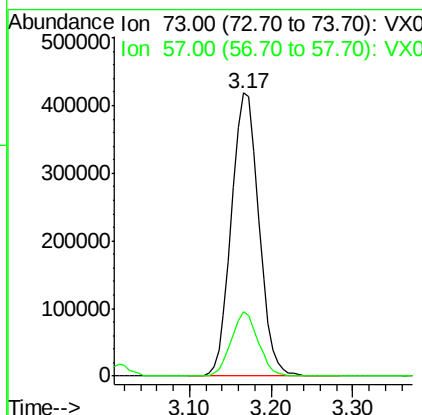
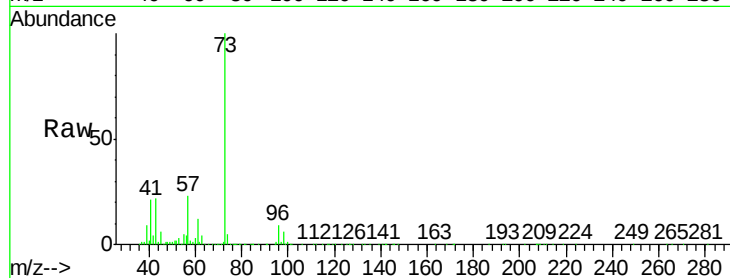
#19
Methvl tert-butvl Ether
Concen: 50.962 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.0	27.0

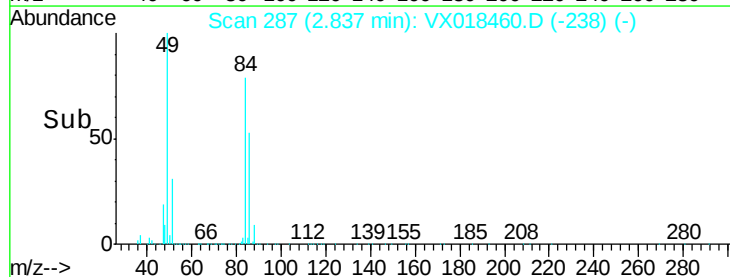
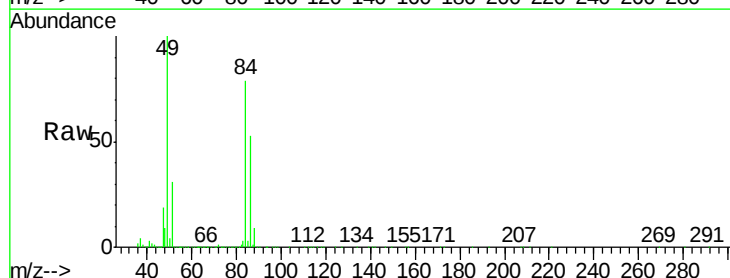
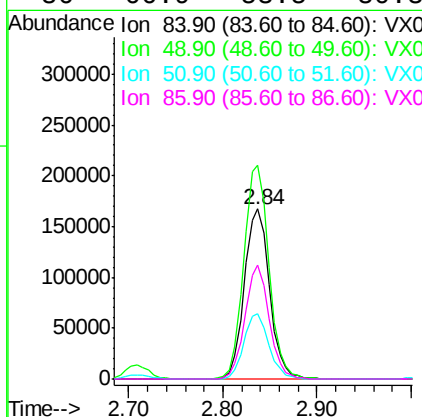
Manual Integrations
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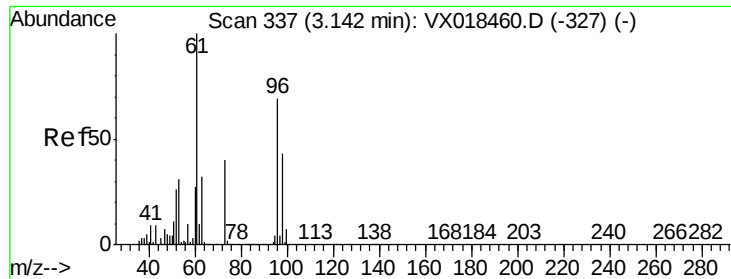
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#20
Methylene Chloride
Concen: 45.262 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.8	100.6	151.0
51	38.6	30.9	46.3
86	66.9	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 49.326 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

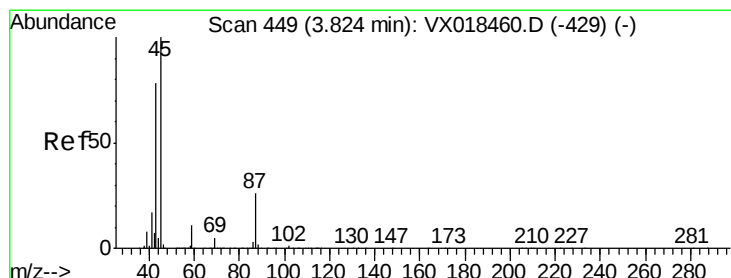
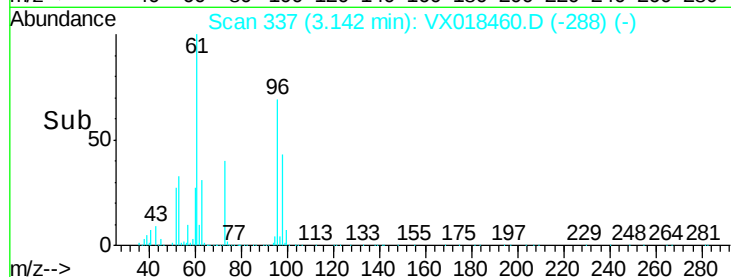
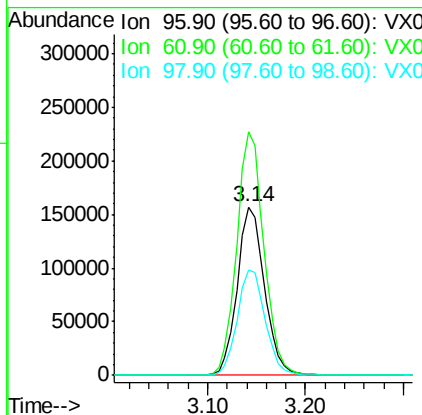
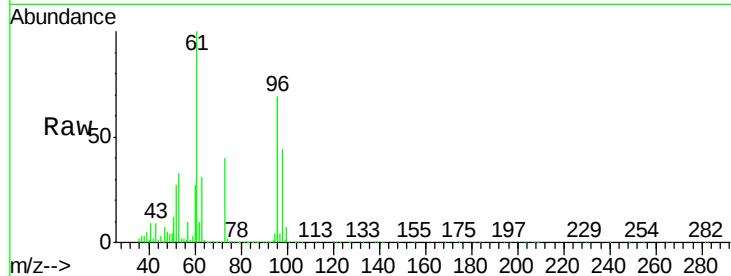
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	304528
Ion Ratio	Lower	Upper	
96	100		
61	144.5	115.6	173.4
98	62.8	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.754 ug/l

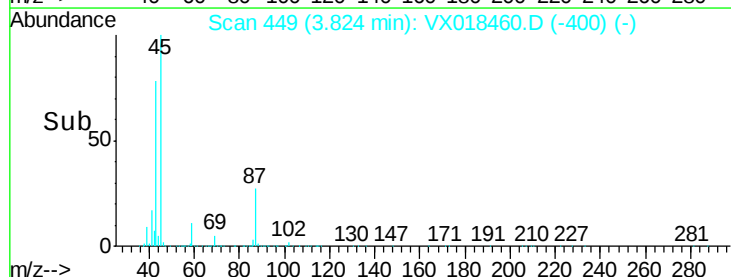
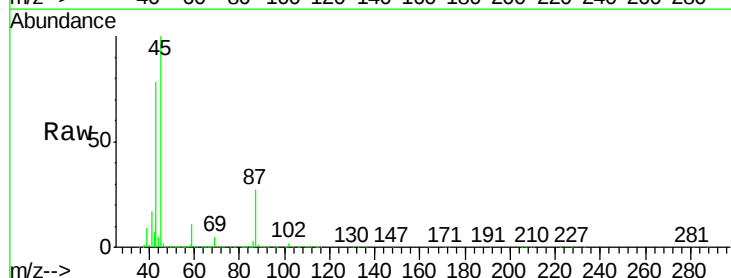
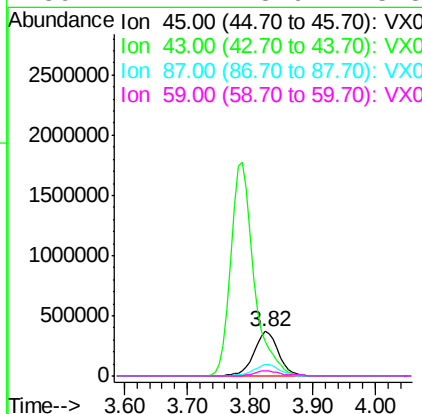
RT: 3.82 min Scan# 449

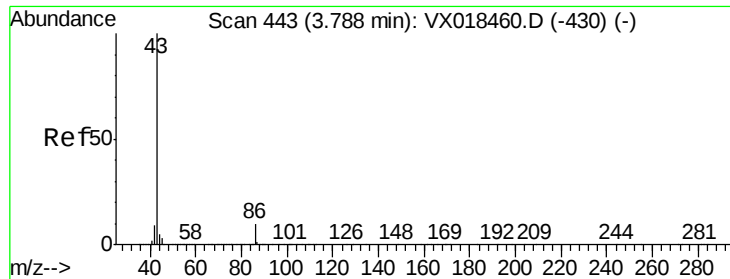
Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Tgt Ion:	45	Resp:	999563
Ion Ratio	Lower	Upper	
45	100		
43	78.0	62.4	93.6
87	26.5	21.2	31.8
59	11.1	8.9	13.3





#23

Vinyl Acetate

Concen: 259.743 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 4549783

Ion Ratio Lower Upper

43 100

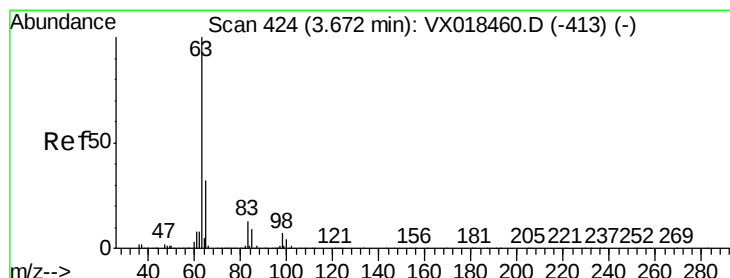
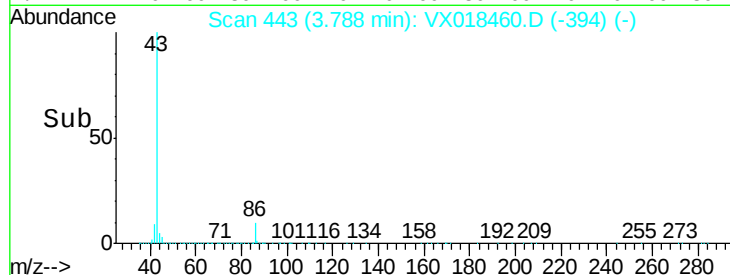
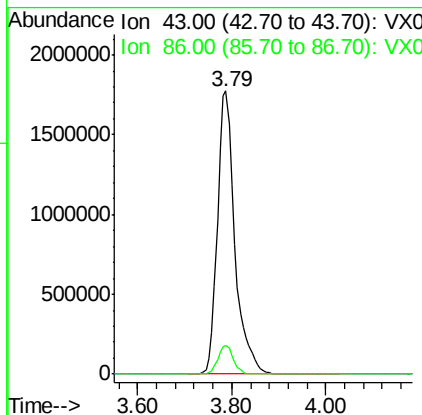
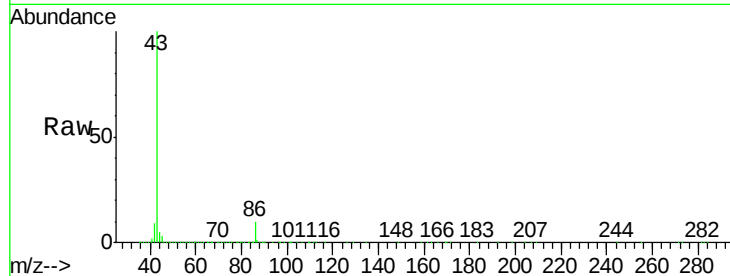
86 10.1 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 49.781 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

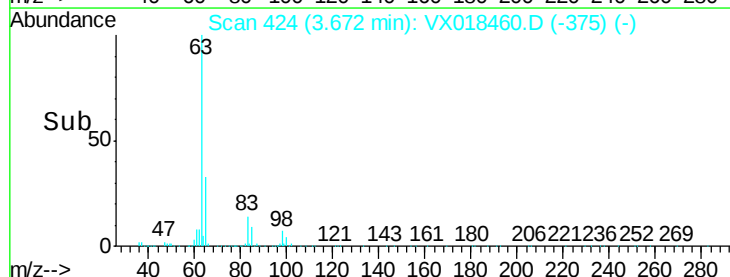
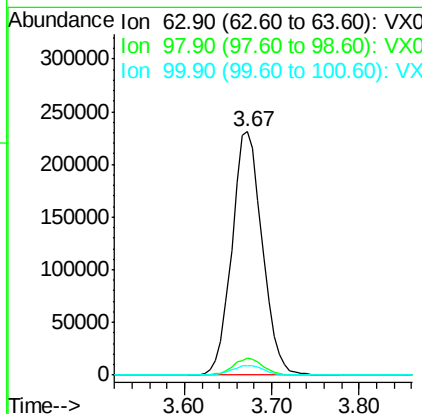
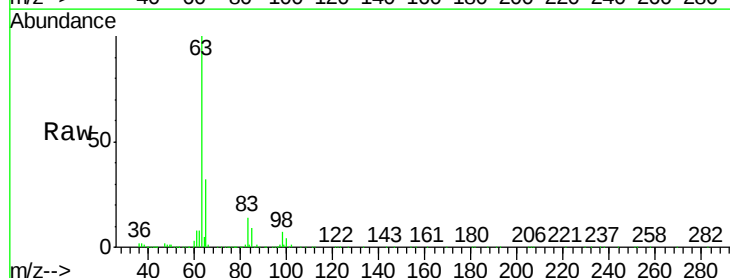
Tgt Ion: 63 Resp: 556871

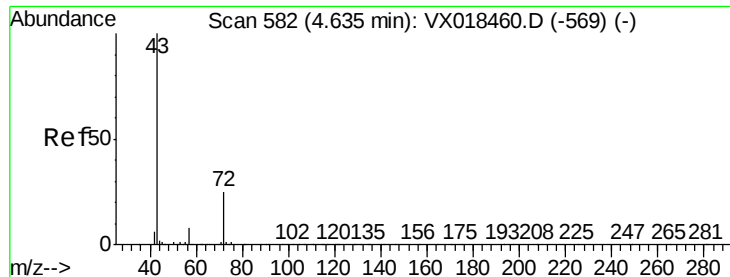
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

100 3.8 1.9 5.7





#25

2-Butanone

Concen: 239.456 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1201028

Ion Ratio Lower Upper

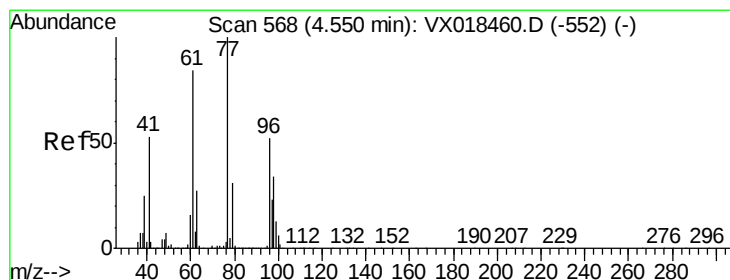
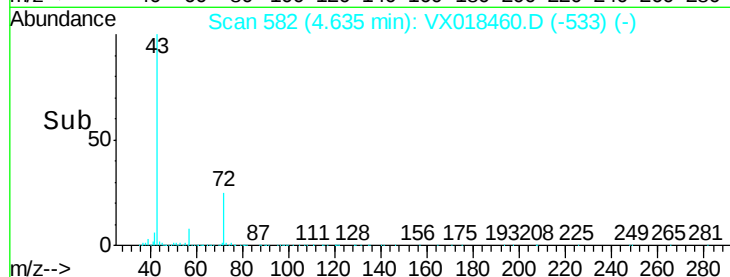
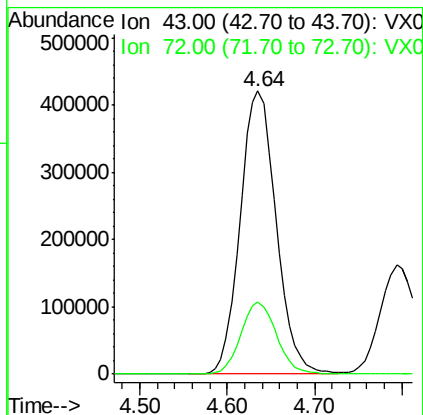
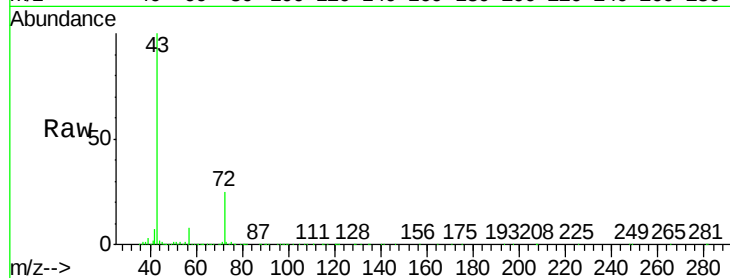
43 100

72 25.3 20.2 30.4

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 54.447 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018460.D

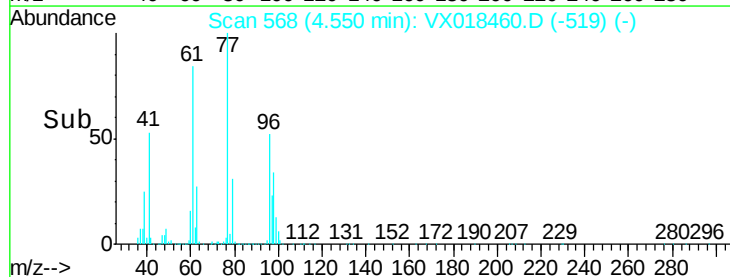
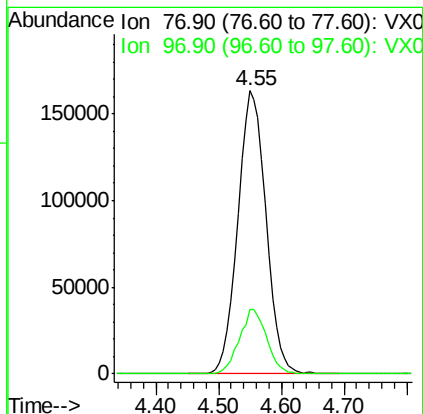
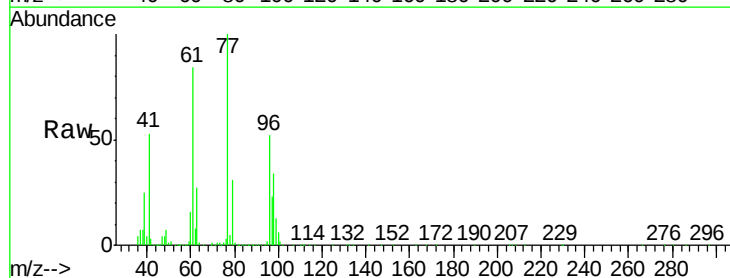
Acq: 17 Sep 2020 11:06

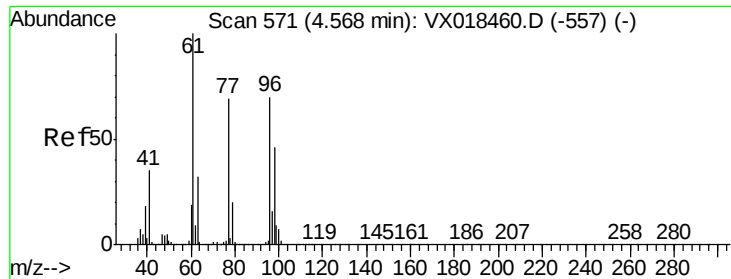
Tgt Ion: 77 Resp: 507196

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5





#27

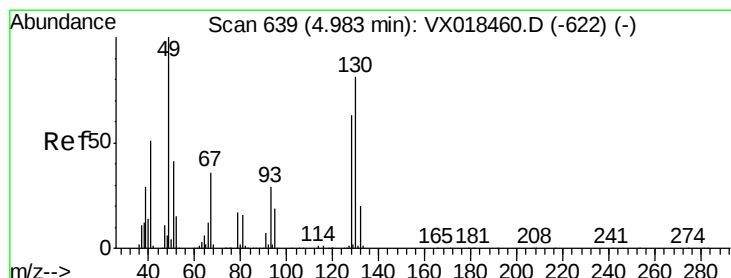
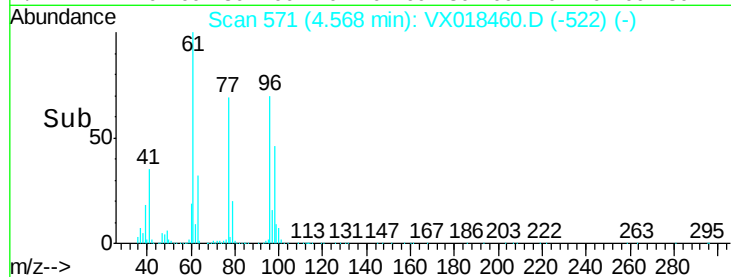
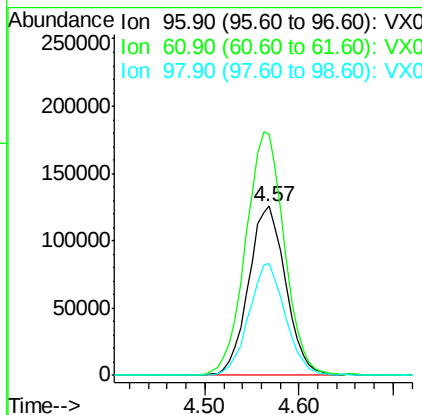
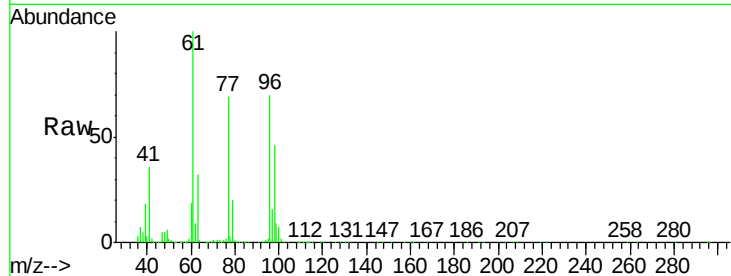
cis-1,2-Dichloroethene
Concen: 48.888 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	347441		
61	150.0	0.0	300.0	
98	65.2	0.0	130.4	

Manual Integrations
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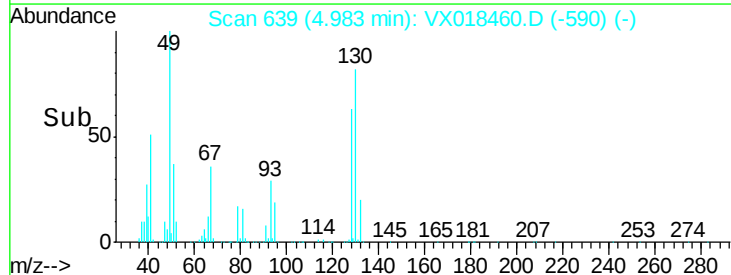
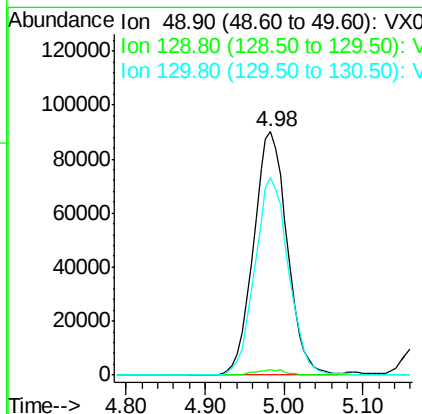
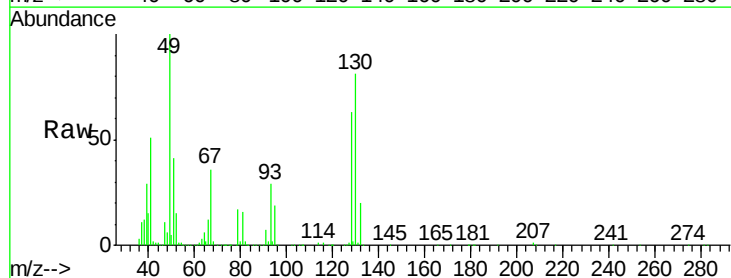
MMDadoda
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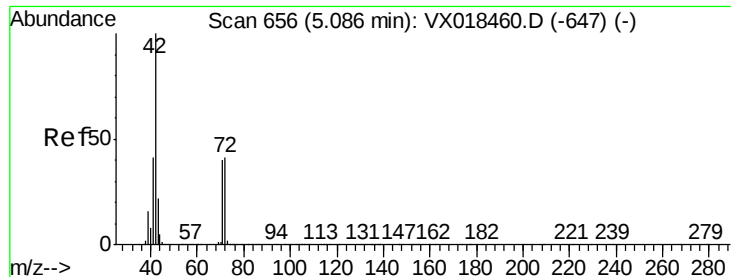


#28

Bromochloromethane
Concen: 49.163 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	266472		
129	2.3	0.0	4.6	
130	81.2	65.0	97.4	





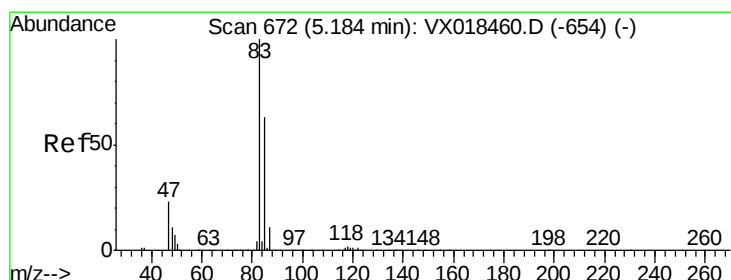
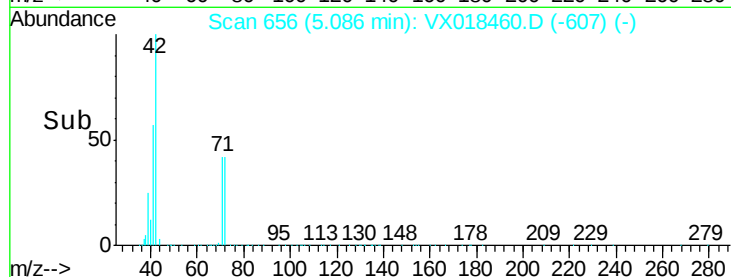
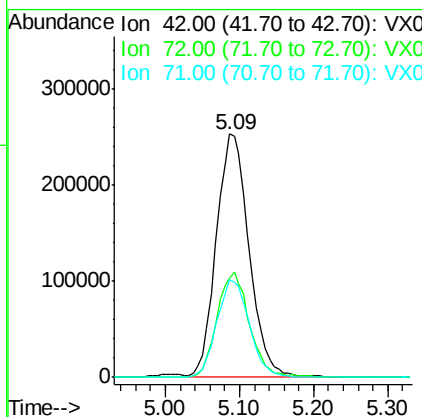
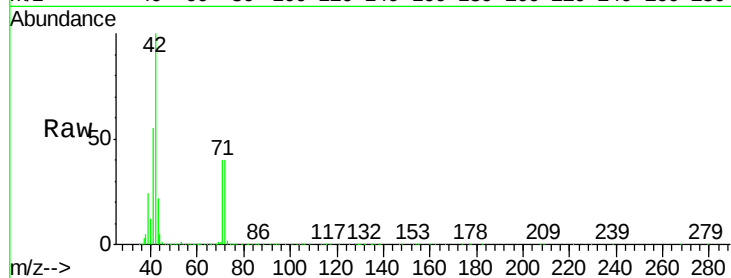
#29
Tetrahydrofuran
Concen: 242.018 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.3	51.5
71	40.1	32.1	48.1

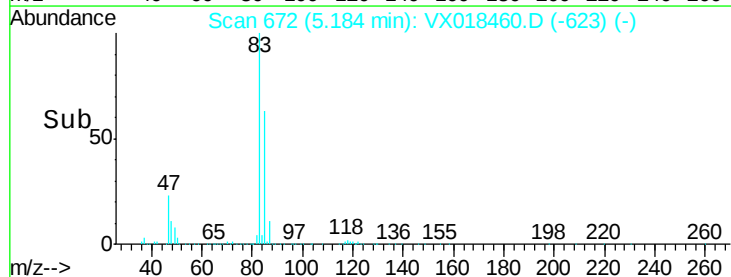
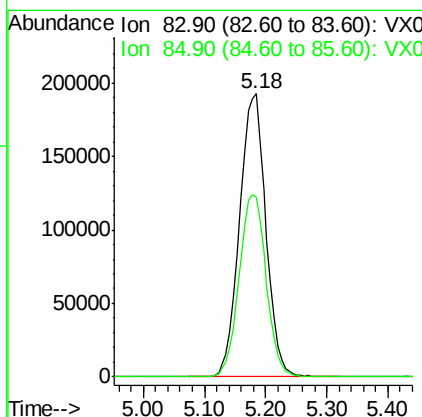
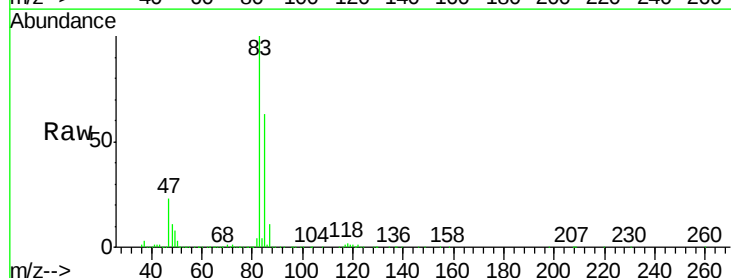
Manual Integrations
APPROVED

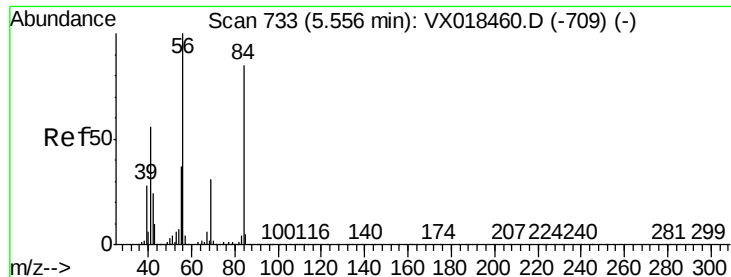
MMDadoda
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#30
Chloroform
Concen: 49.483 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	76.0





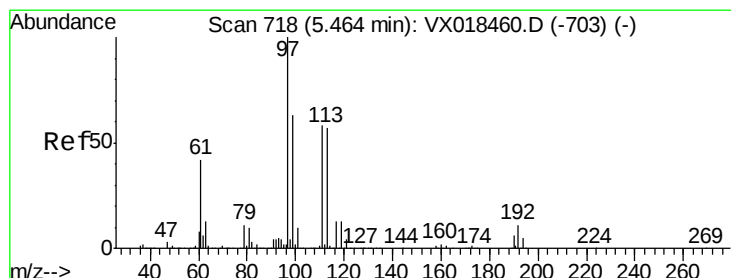
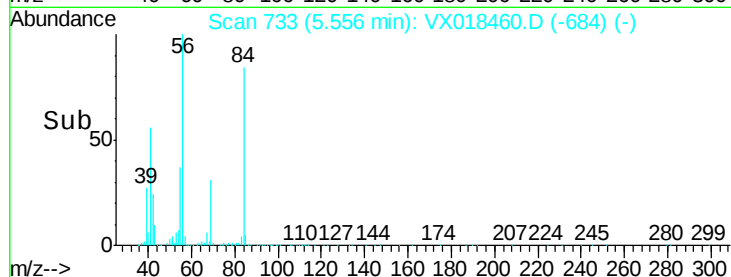
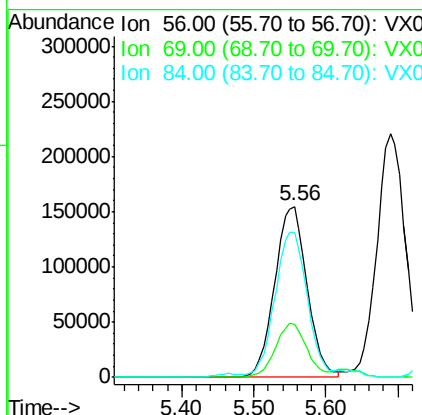
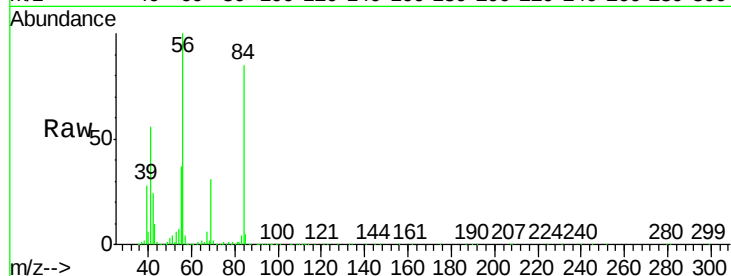
#31
Cyclohexane
Concen: 50.863 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.8	37.2
84	84.5	67.6	101.4

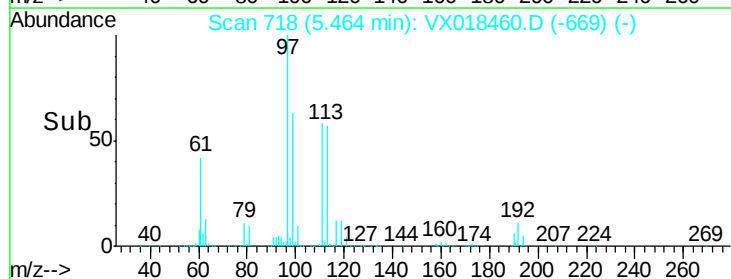
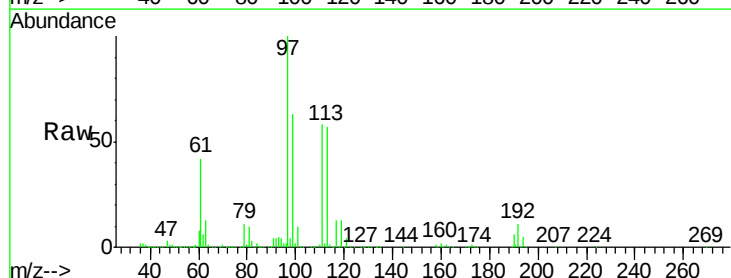
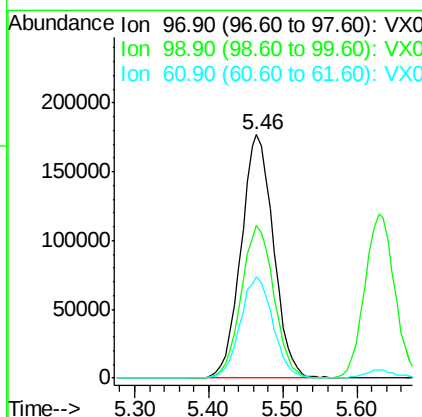
Manual Integrations
APPROVED

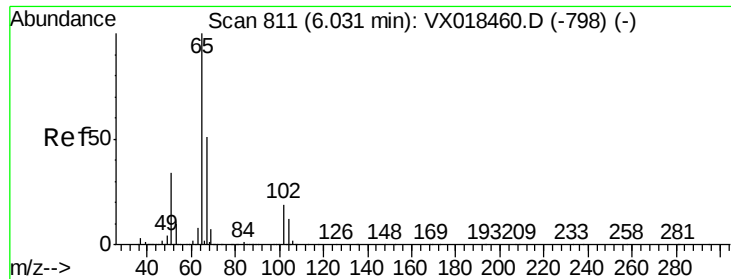
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#32
1,1,1-Trichloroethane
Concen: 50.554 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	50.5	75.7
61	41.8	33.4	50.2





#33

1,2-Dichloroethane-d4

Concen: 47.184 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Tot Ion: 65 Resp: 370530

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.6

Instrument :

MSVOA_X

ClientSampleId :

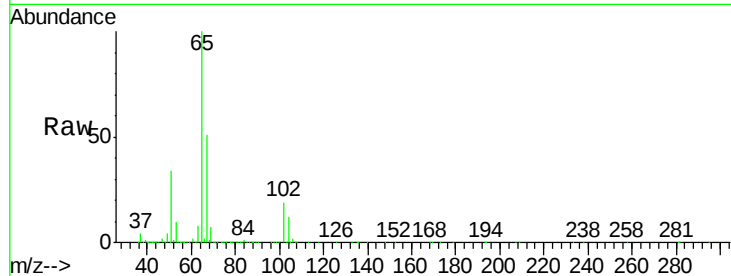
VSTDICCC050

Manual Integrations

APPROVED

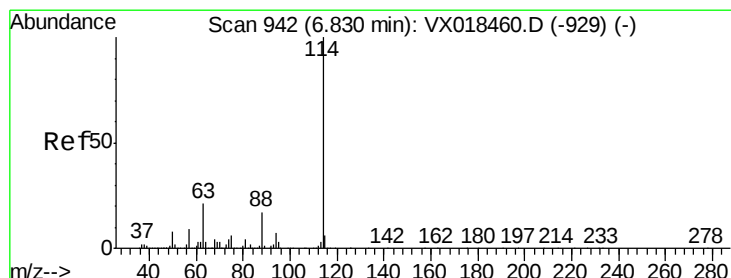
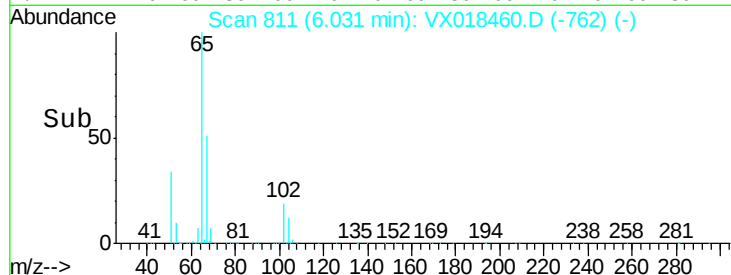
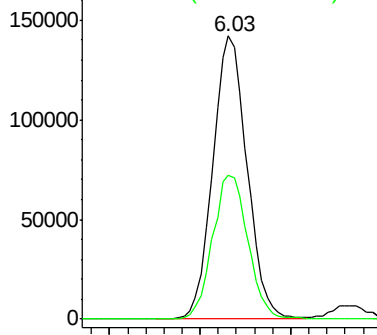
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

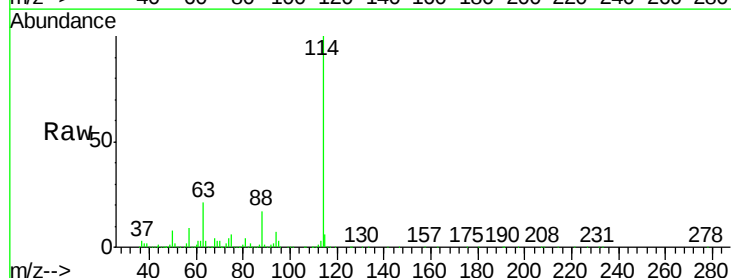
Tgt Ion: 114 Resp: 899617

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

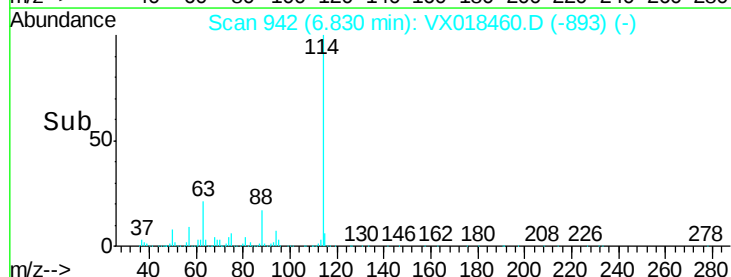
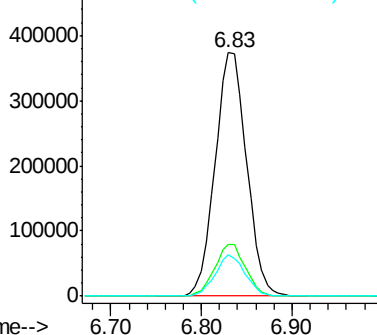
88 16.8 0.0 33.6

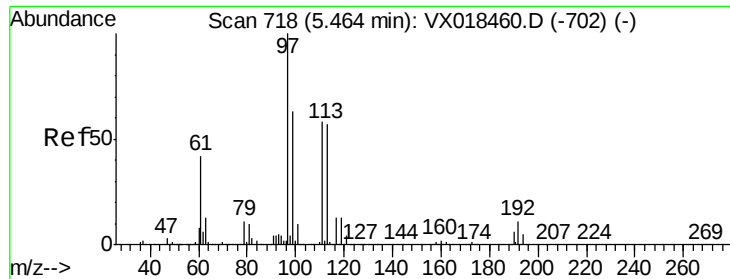


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.568 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

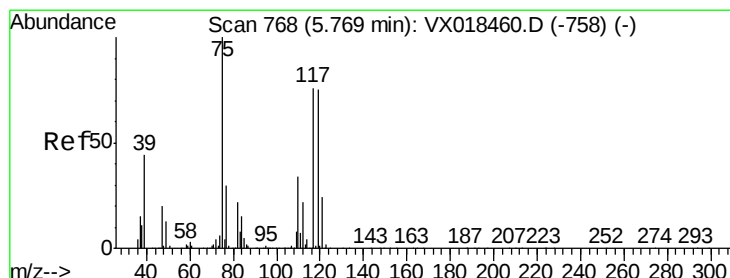
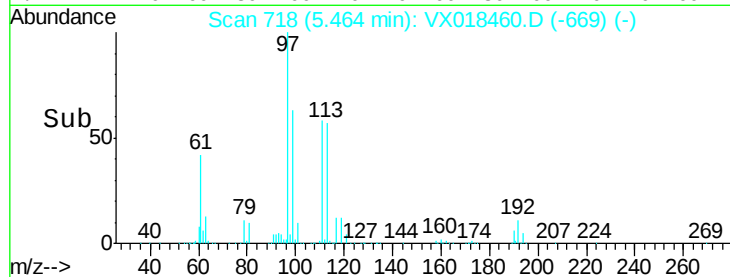
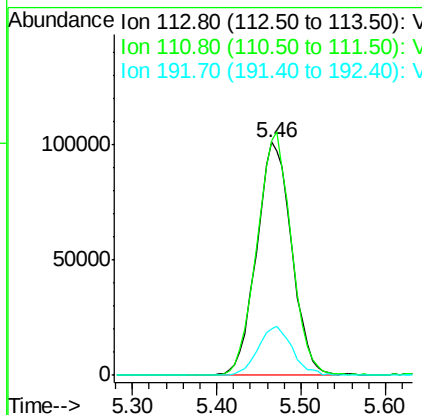
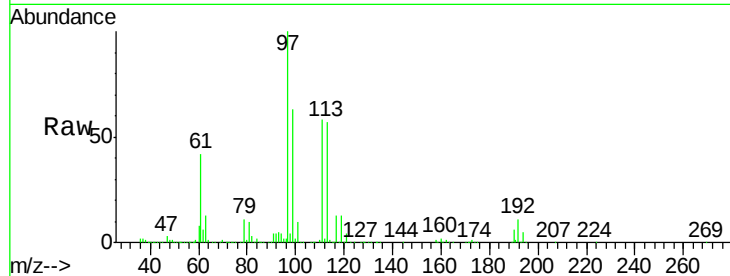
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	289506
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.4	122.2
192	20.7	16.6	24.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.120 ug/l

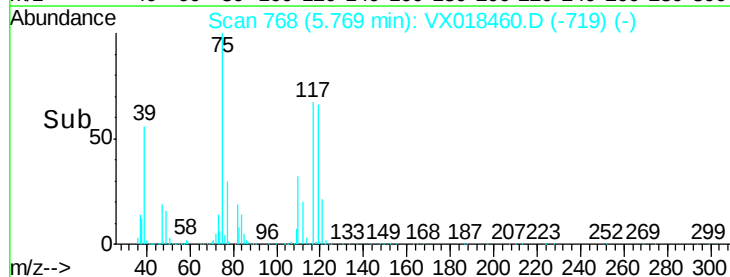
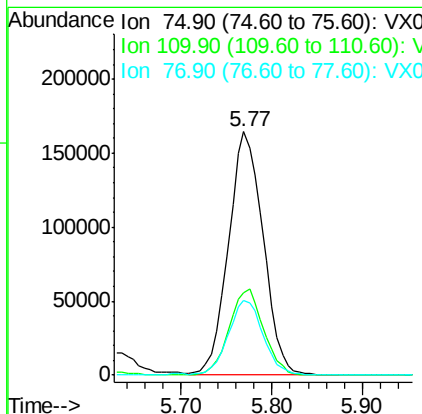
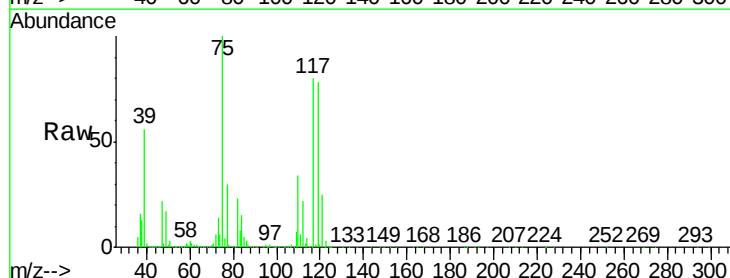
RT: 5.77 min Scan# 768

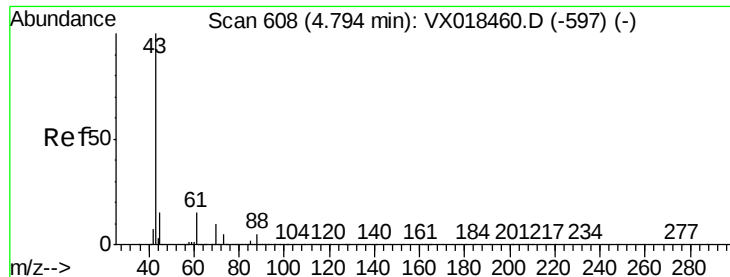
Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Tgt Ion:	75	Resp:	434779
Ion Ratio	Lower	Upper	
75	100		
110	35.2	17.6	52.8
77	31.2	25.0	37.6





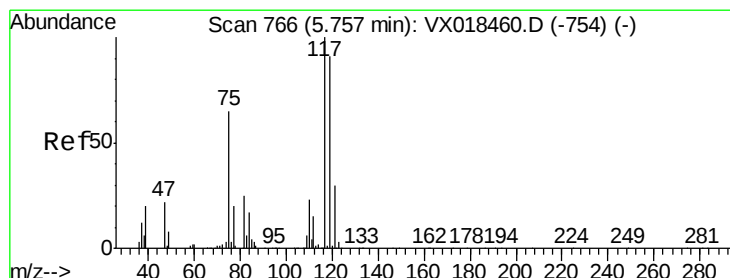
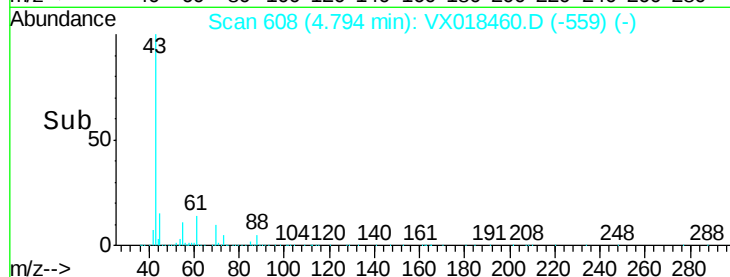
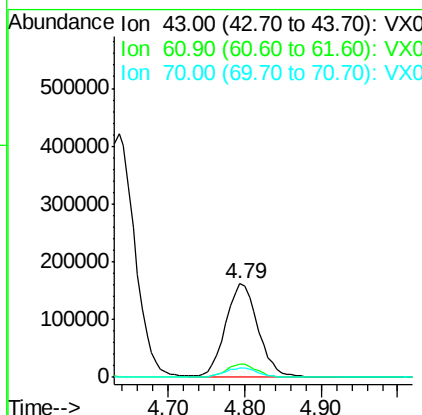
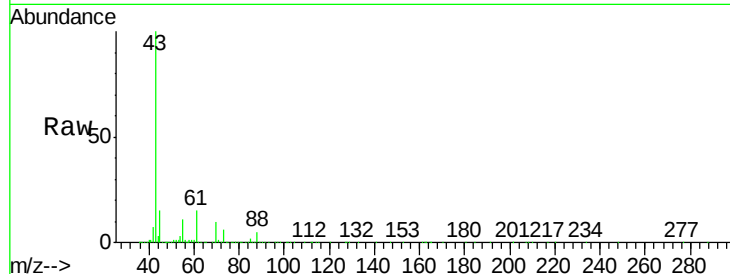
#37
Ethyl Acetate
Concen: 49.152 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	473016
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.9	16.3
70	10.4	8.3	12.5

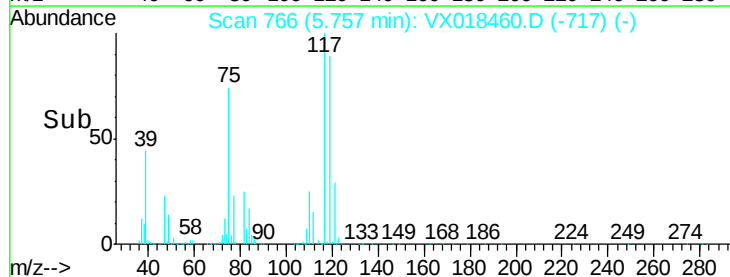
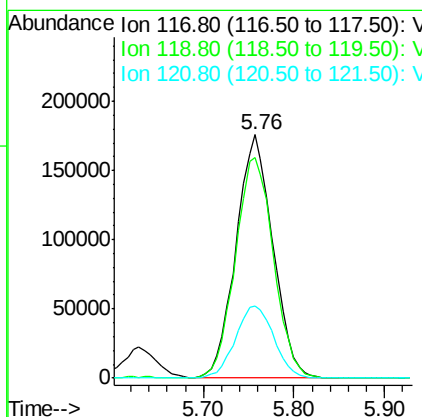
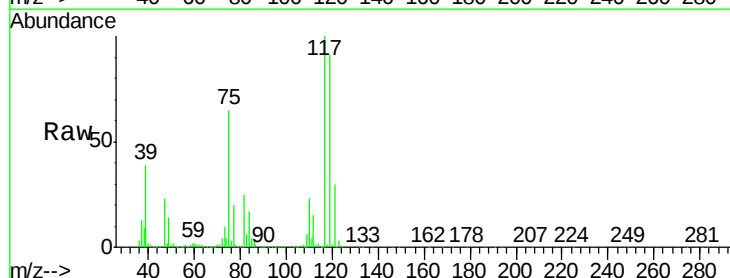
Manual Integrations
APPROVED

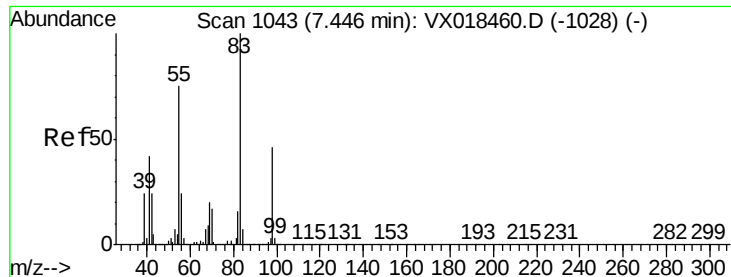
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#38
Carbon Tetrachloride
Concen: 52.577 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion	117	Resp	495049
Ion Ratio	Lower	Upper	
117	100		
119	90.4	72.3	108.5
121	29.8	23.8	35.8





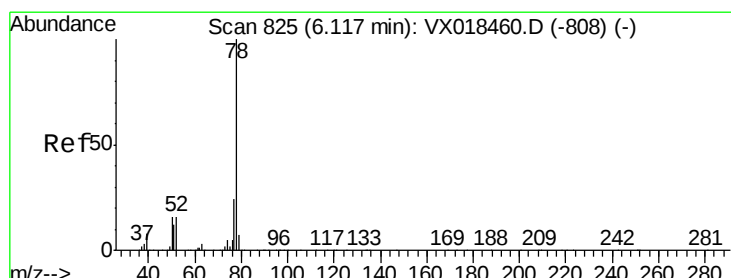
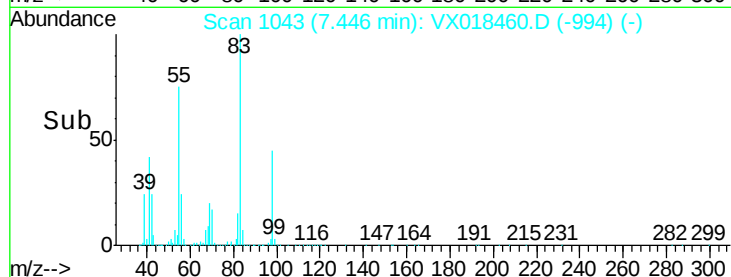
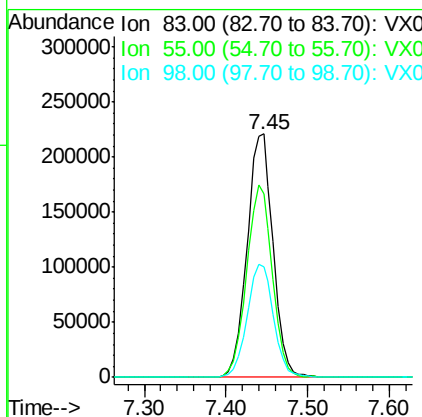
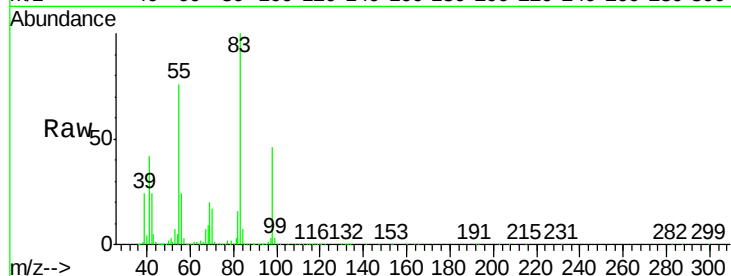
#39
Methylvlcyclohexane
Concen: 53.686 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	60.2	90.4
98	45.5	36.4	54.6

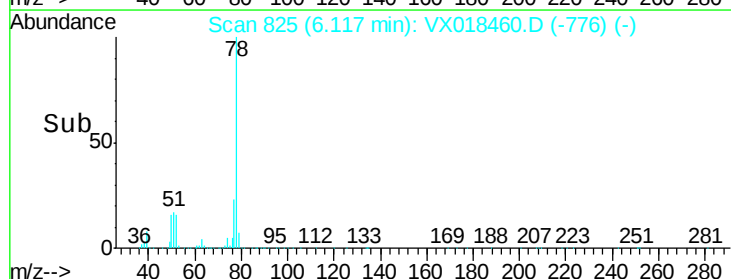
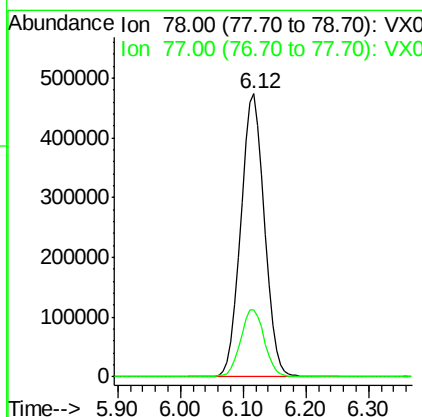
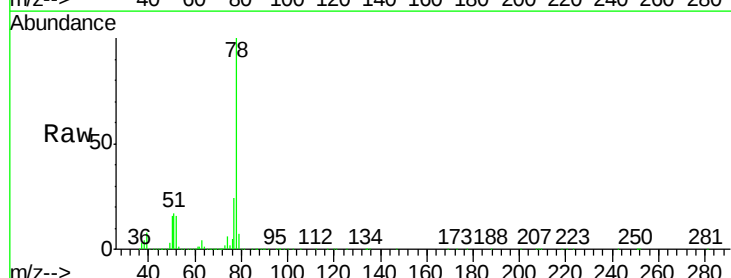
Manual Integrations
APPROVED

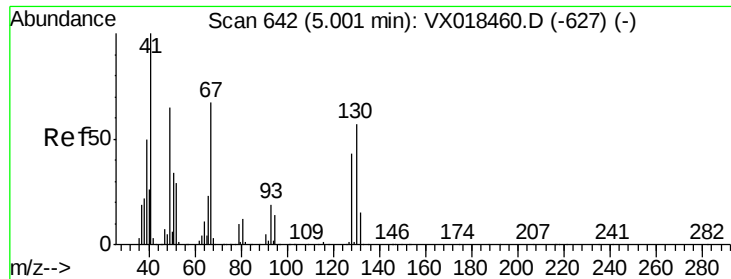
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#40
Benzene
Concen: 50.536 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





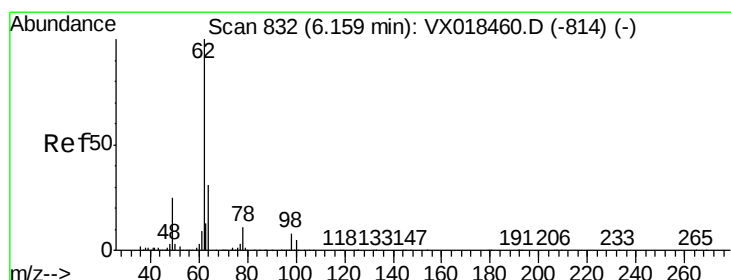
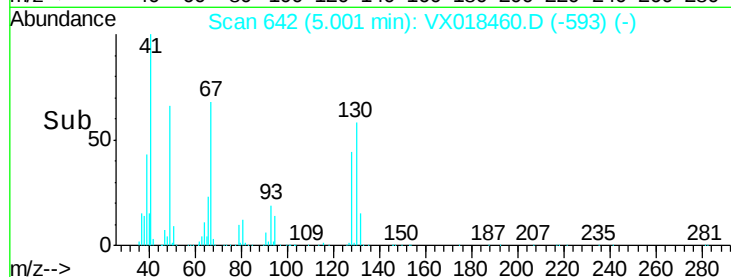
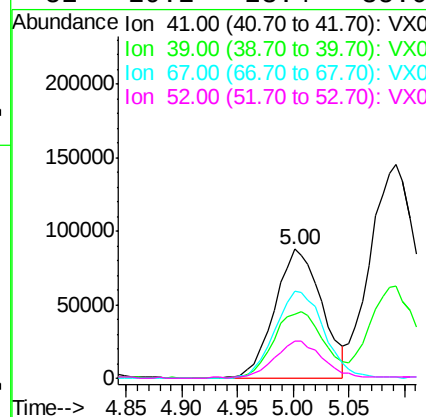
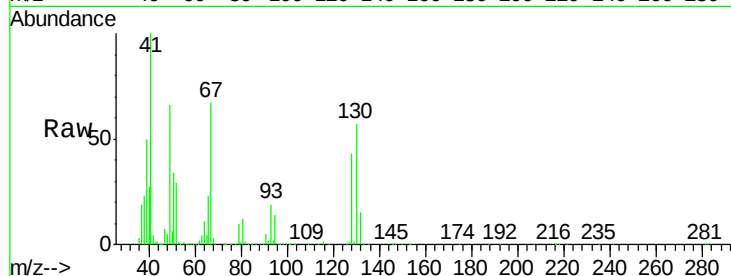
#41
Methacrylonitrile
Concen: 48.566 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.6	45.3	67.9	
67	70.9	56.7	85.1	
52	29.2	23.4	35.0	

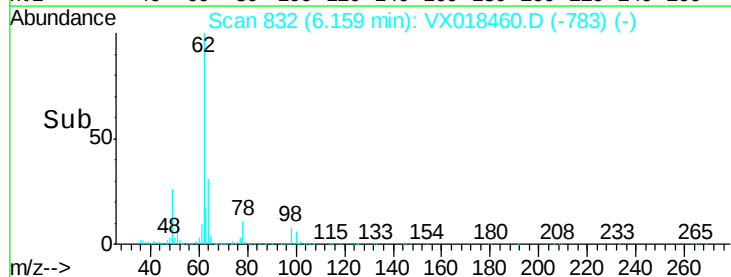
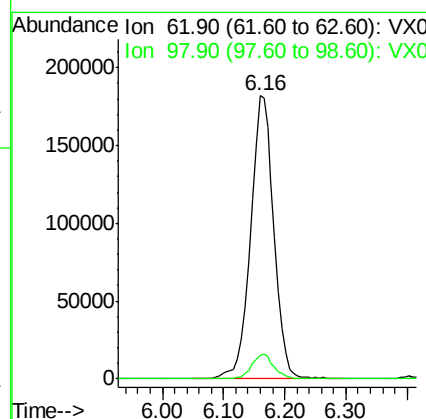
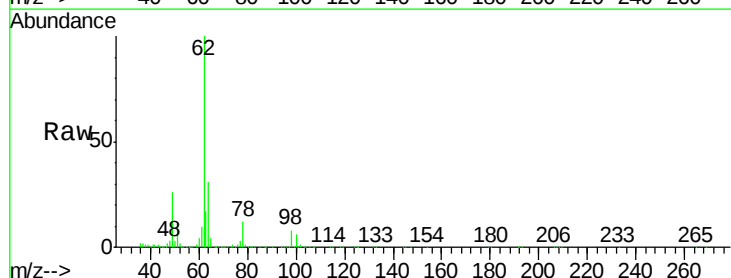
Manual Integrations
APPROVED

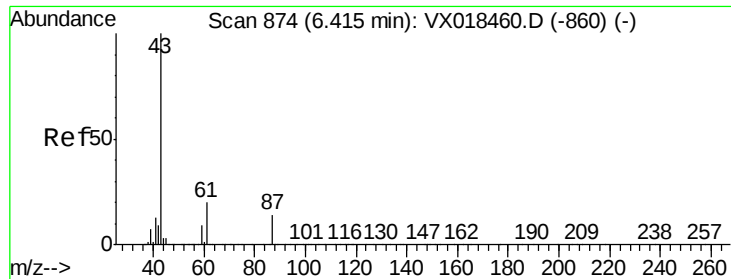
MMDadoda
9/18/2020 12:19:39 PM



#42
1,2-Dichloroethane
Concen: 51.284 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.6	





#43

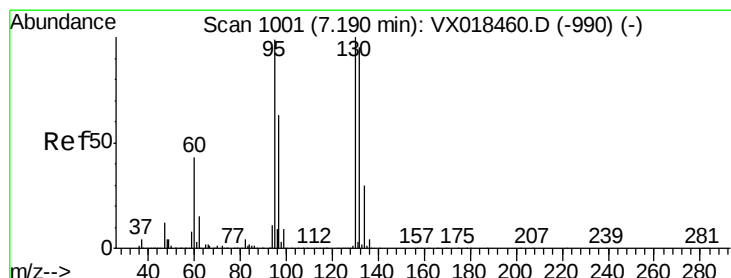
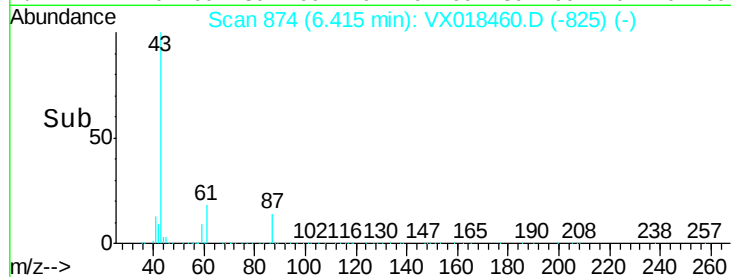
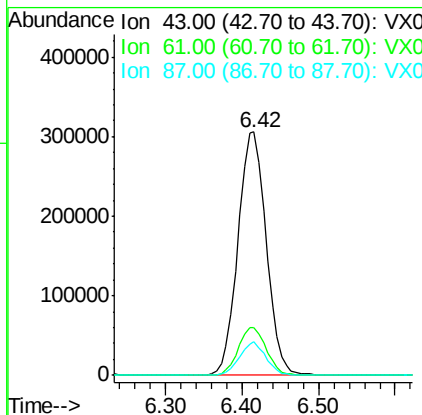
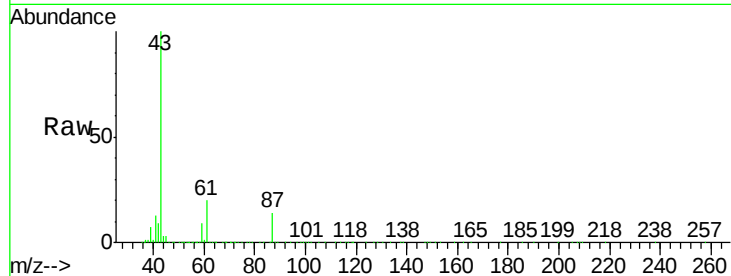
Isopropyl Acetate
 Concen: 50.298 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX018460.D
 Acq: 17 Sep 2020 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.7	23.5
87	13.0	10.4	15.6

Manual Integrations
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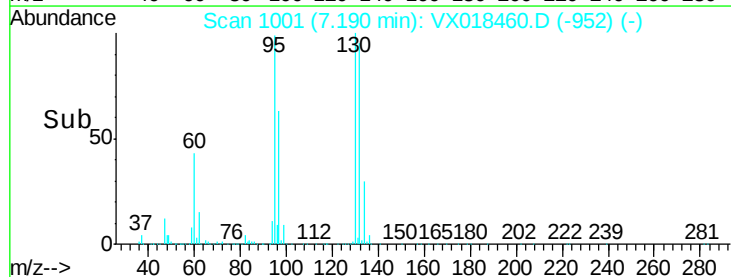
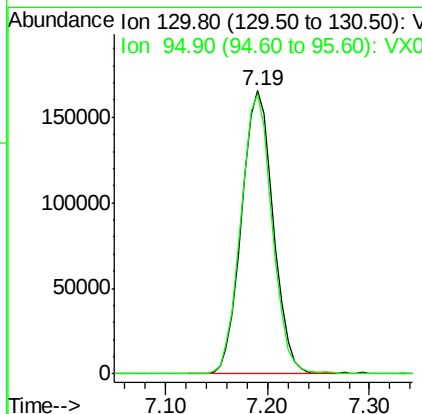
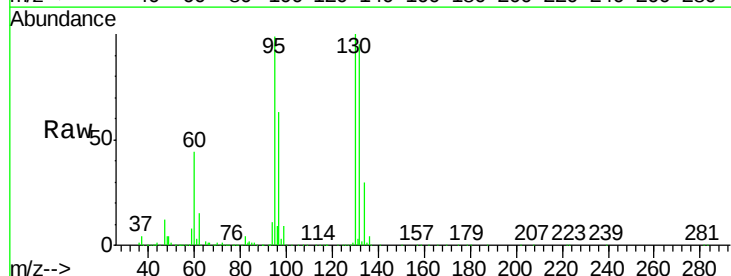
MMDadoda
 9/18/2020 12:19:39 PM

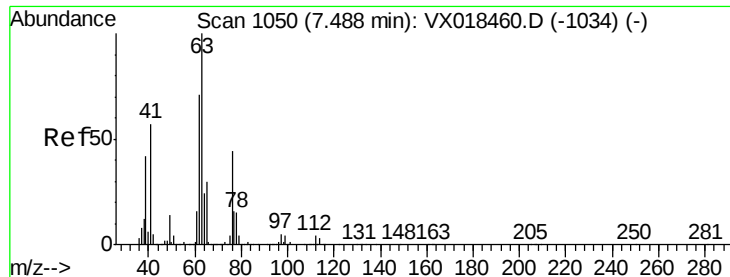


#44

Trichloroethene
 Concen: 51.522 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018460.D
 Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	197.4





#45

1,2-Dichloropropane

Concen: 50.498 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 331656

Ion Ratio Lower Upper

63 100

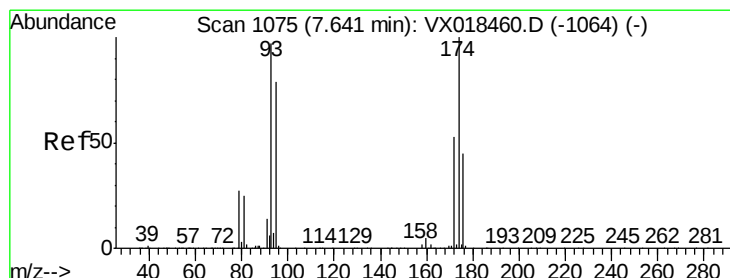
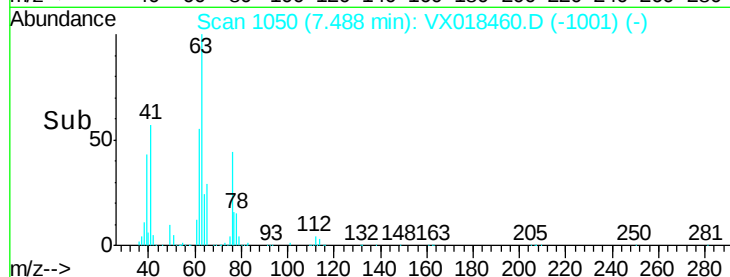
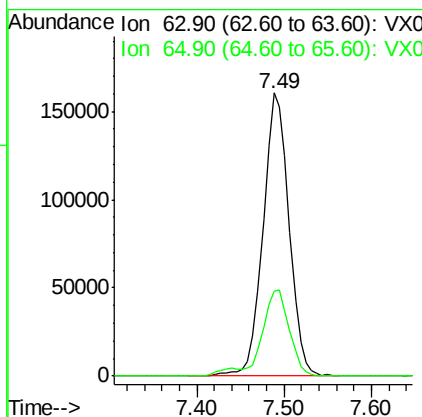
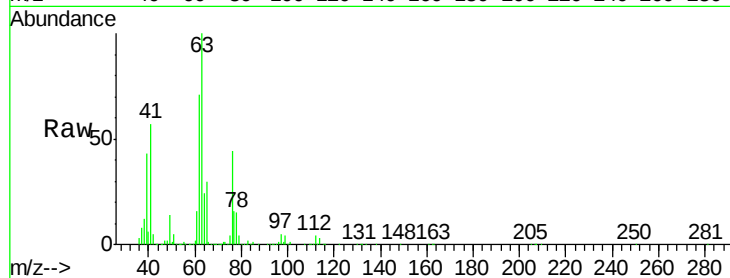
65 30.1 24.1 36.1

Manual Integrations

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#46

Dibromomethane

Concen: 50.420 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

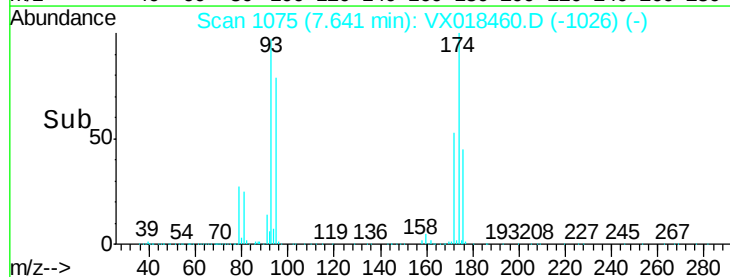
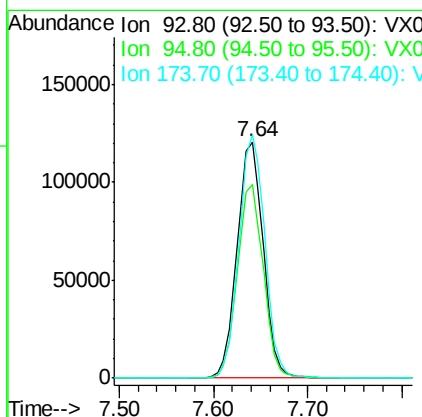
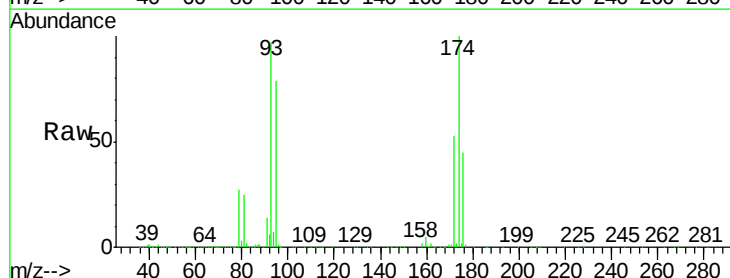
Tgt Ion: 93 Resp: 233984

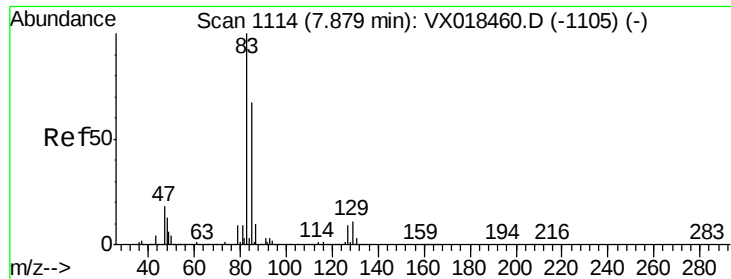
Ion Ratio Lower Upper

93 100

95 81.2 65.0 97.4

174 102.5 82.0 123.0





#47

Bromodichloromethane

Concen: 51.323 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

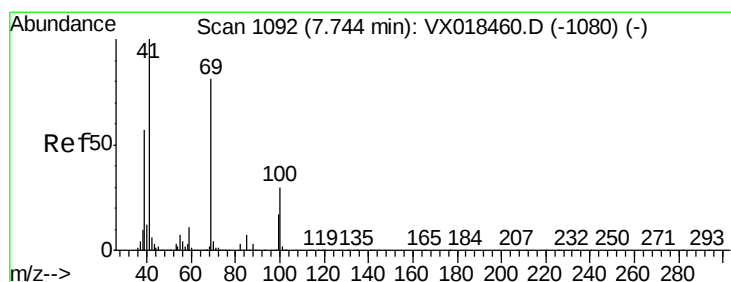
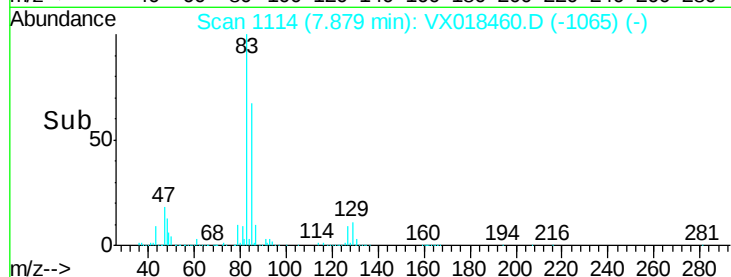
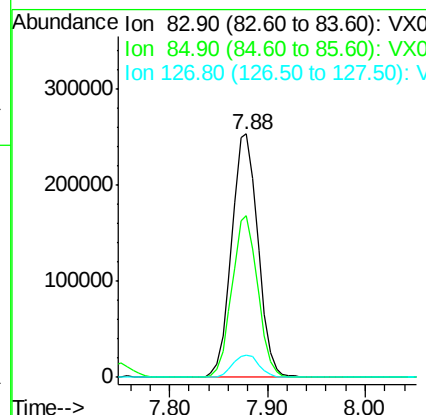
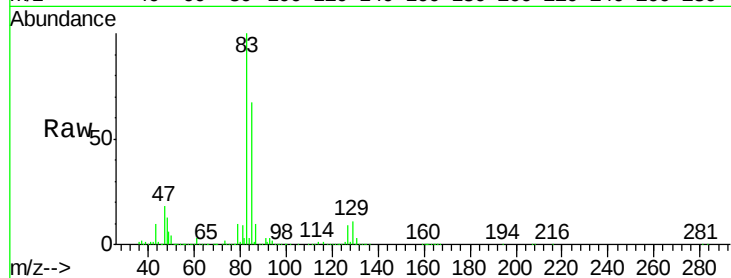
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	474306
Ion	Ratio	Lower	Upper
83	100		
85	66.6	53.3	79.9
127	9.3	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.052 ug/l

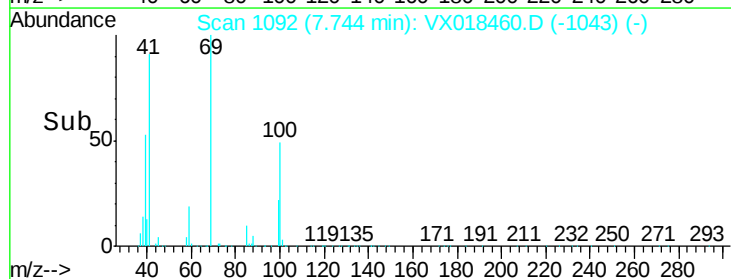
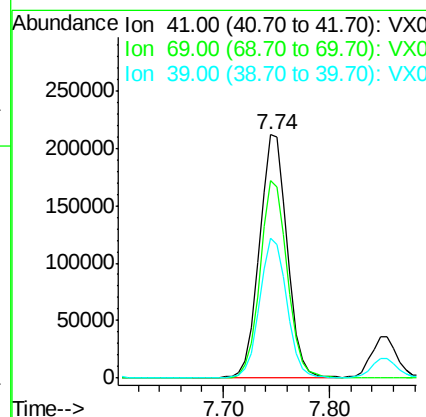
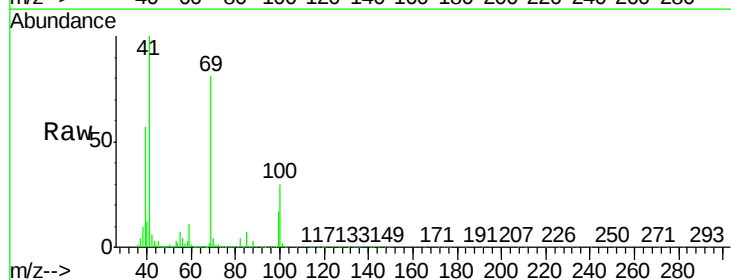
RT: 7.74 min Scan# 1092

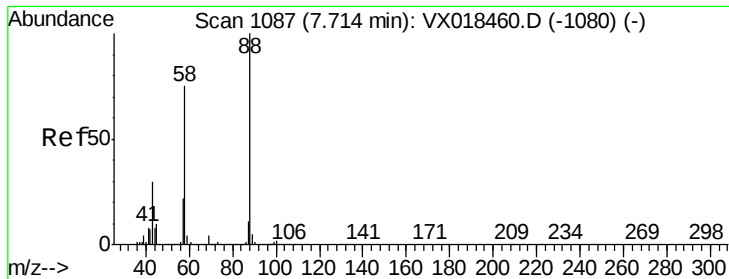
Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Tgt Ion:	41	Resp:	387035
Ion	Ratio	Lower	Upper
41	100		
69	79.6	63.7	95.5
39	56.2	45.0	67.4





#49

1,4-Dioxane

Concen: 889.121 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

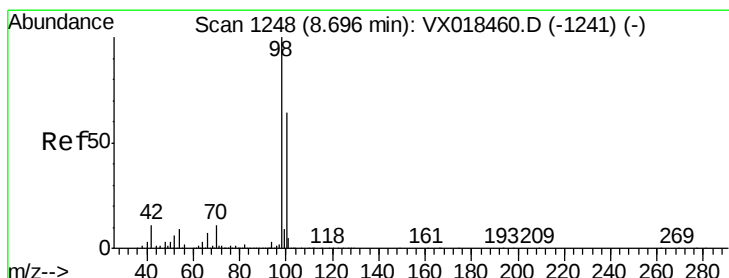
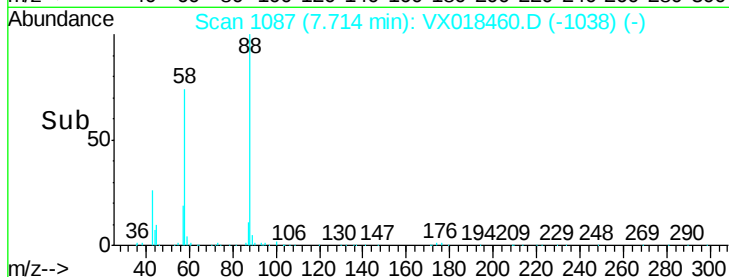
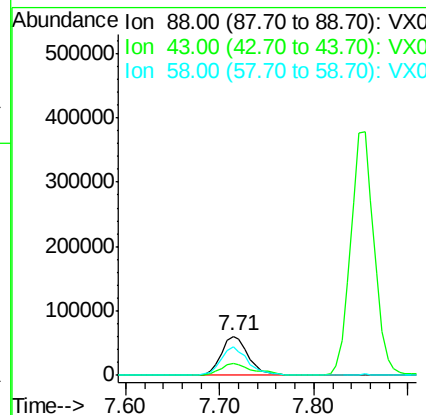
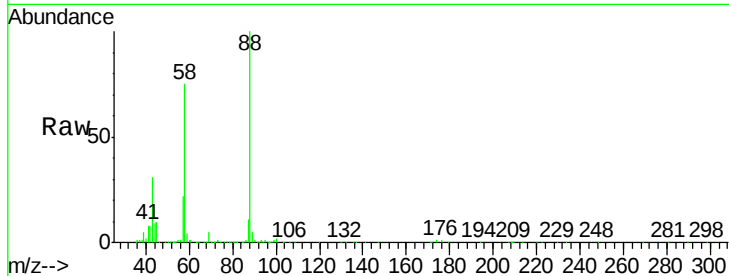
ClientSampleId :

VSTDICCC050

Tot Ion:	88	Resp:	120389
Ion	Ratio	Lower	Upper
88	100		
43	37.4	29.9	44.9
58	73.8	59.0	88.6

Manual Integrations
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#50

Toluene-d8

Concen: 47.457 ug/l

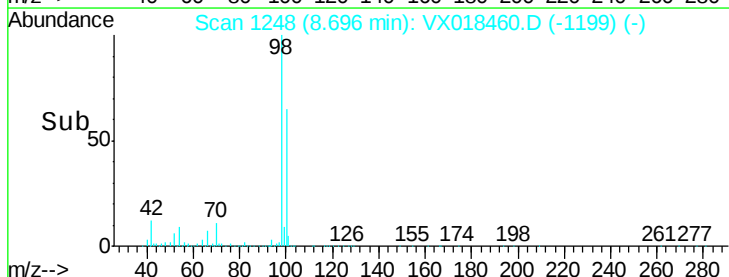
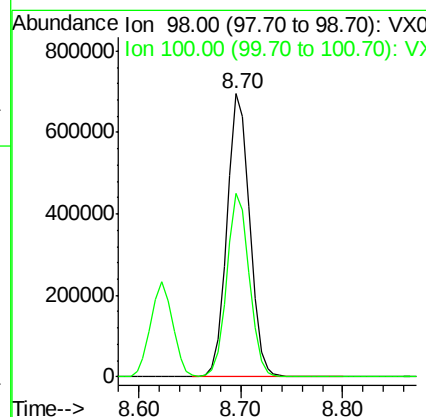
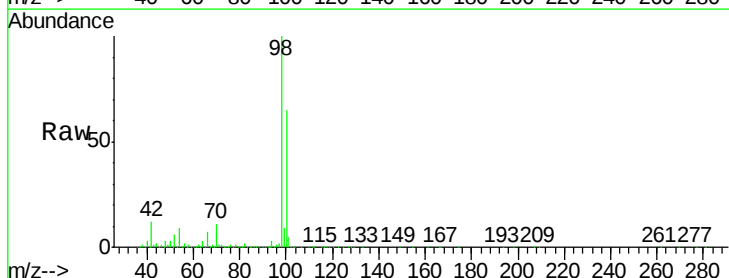
RT: 8.70 min Scan# 1248

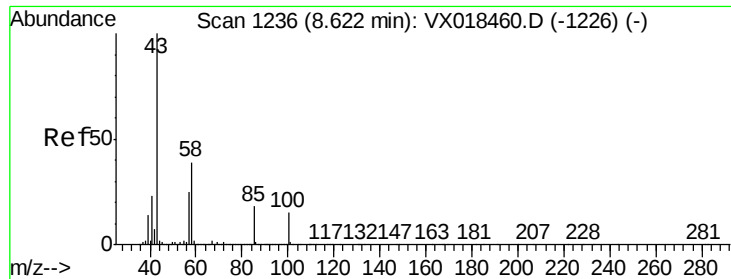
Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Tgt Ion:	98	Resp:	1073386
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





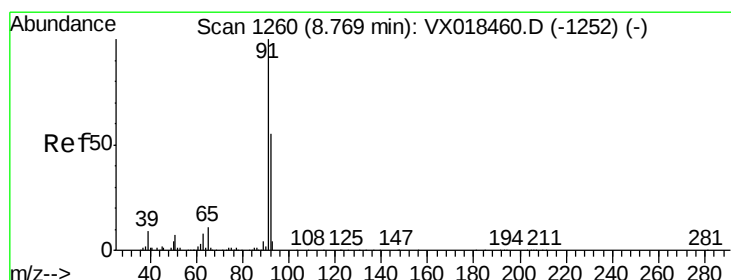
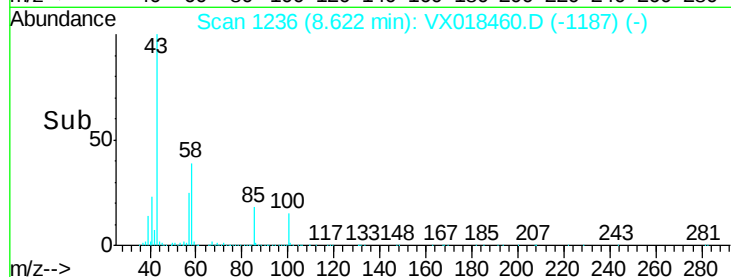
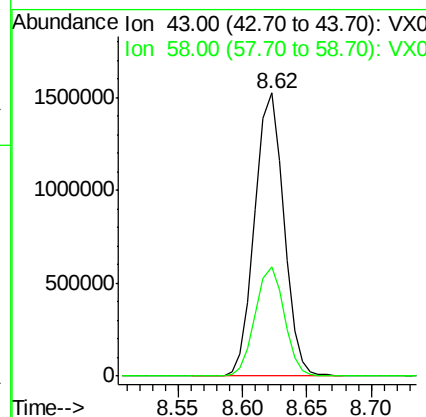
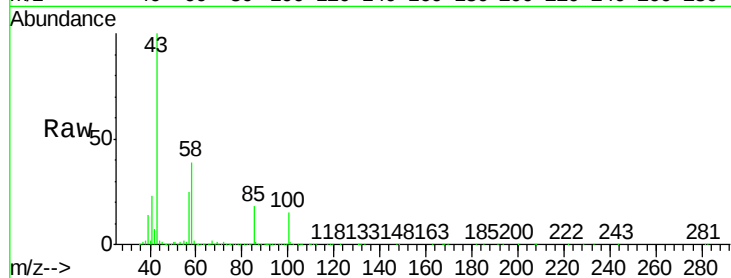
#51
 4-Methyl-2-Pentanone
 Concen: 249.603 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018460.D
 Acq: 17 Sep 2020 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 2381333
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.9 46.3

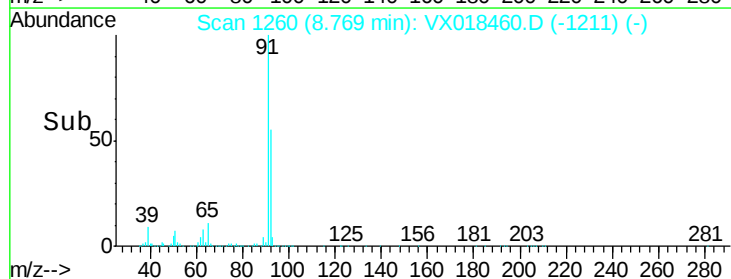
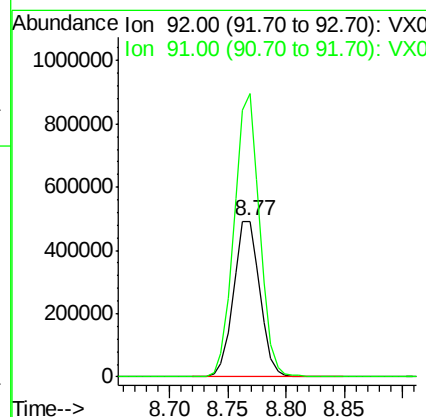
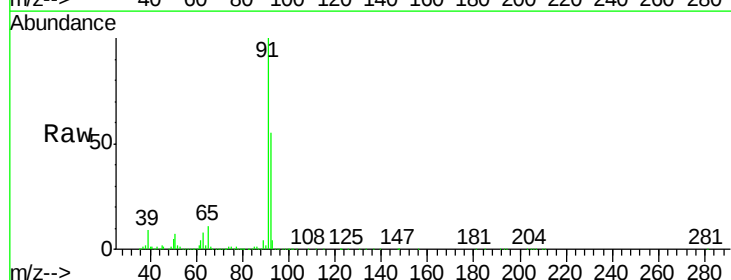
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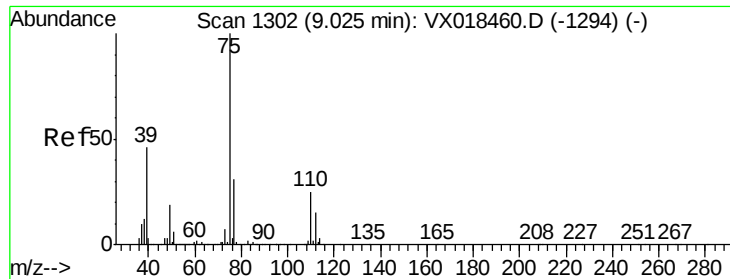
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#52
 Toluene
 Concen: 50.356 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX018460.D
 Acq: 17 Sep 2020 11:06

Tgt Ion: 92 Resp: 777838
 Ion Ratio Lower Upper
 92 100
 91 175.7 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 52.145 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 535334

Ion Ratio Lower Upper

75 100

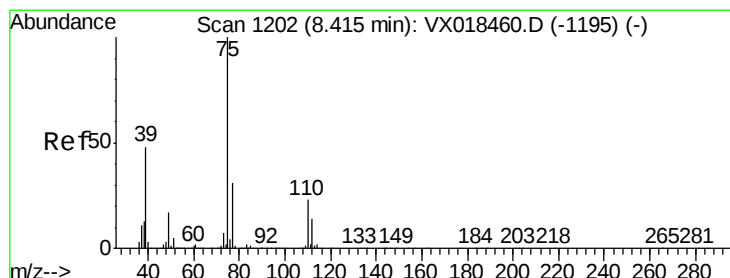
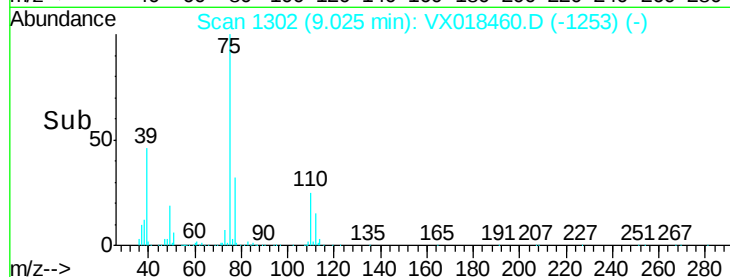
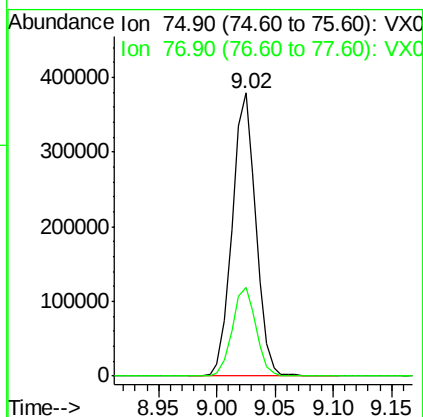
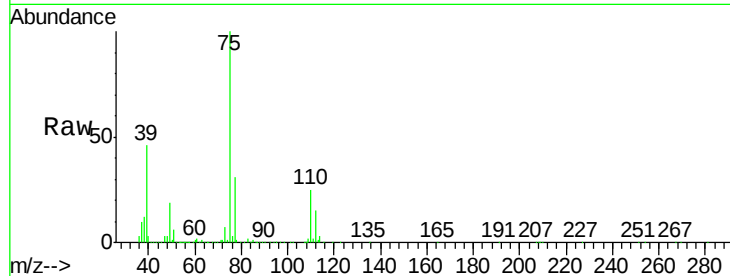
77 31.4 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.669 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

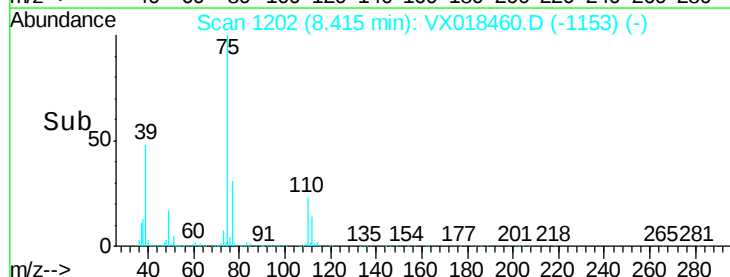
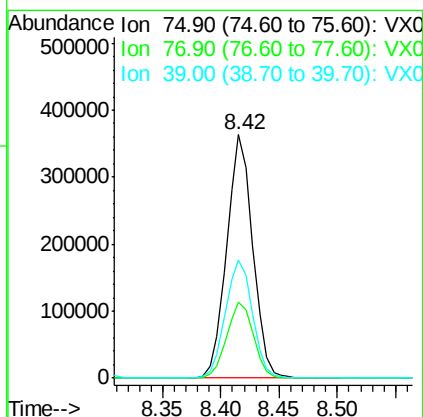
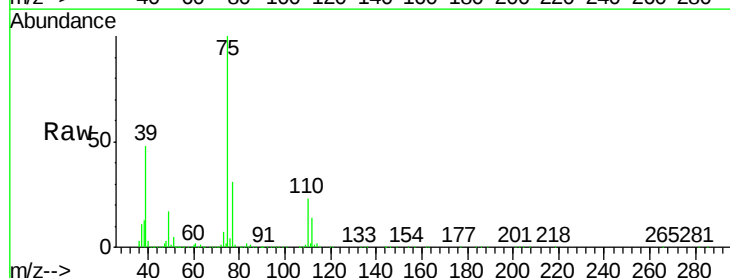
Tgt Ion: 75 Resp: 562202

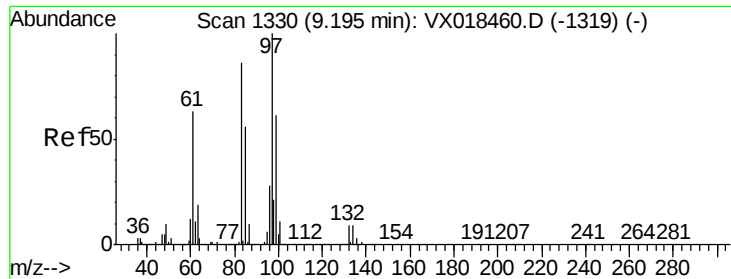
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 48.3 38.6 58.0





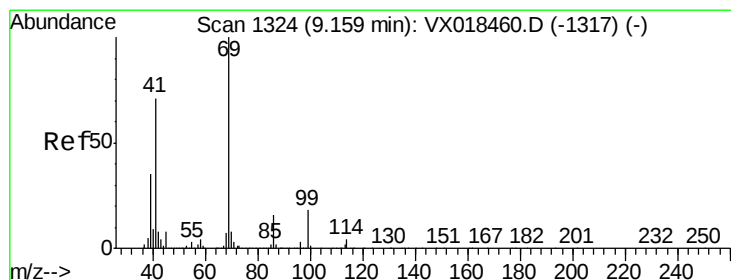
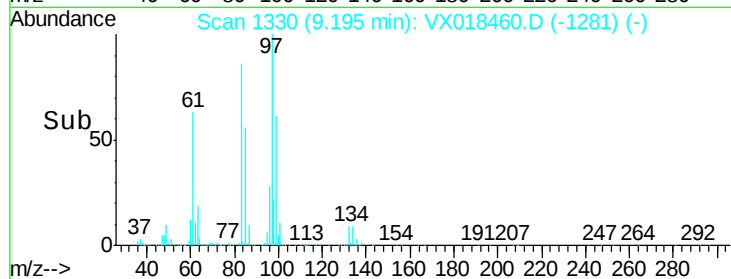
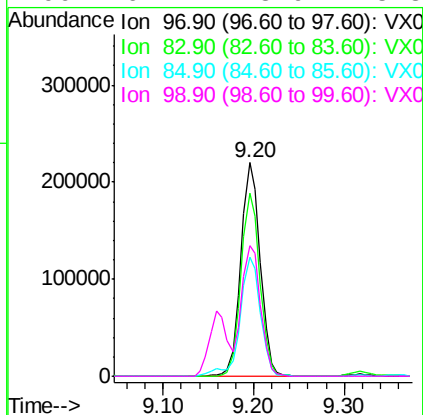
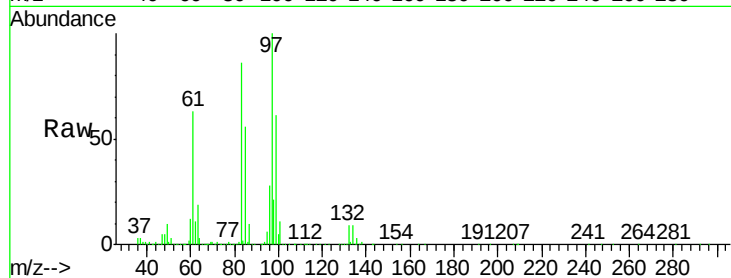
#55
 1,1,2-Trichloroethane
 Concen: 49.546 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018460.D
 Acq: 17 Sep 2020 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.5	102.7
85	56.0	44.8	67.2
99	61.1	48.9	73.3

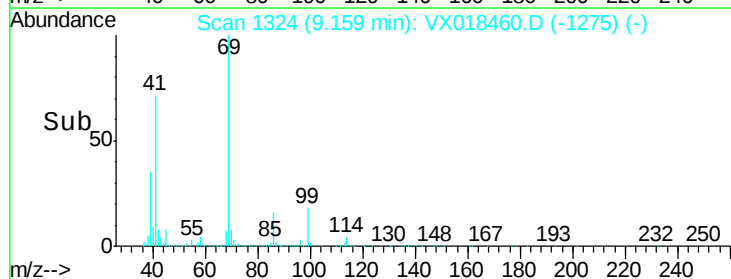
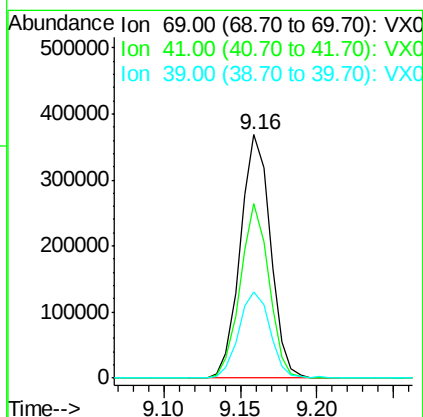
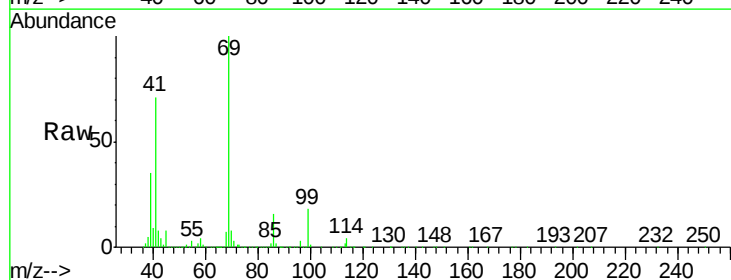
Manual Integrations
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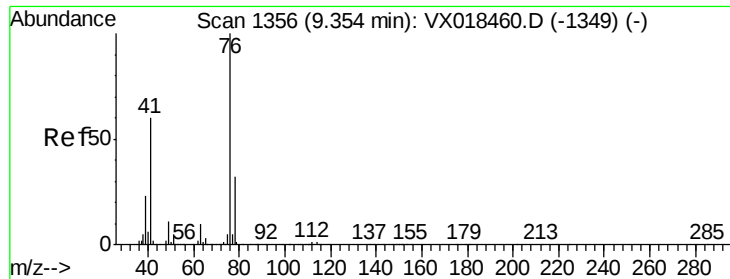
MMDadoda
 9/18/2020 12:19:39 PM



#56
 Ethyl methacrylate
 Concen: 51.538 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018460.D
 Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.6	81.8
39	36.6	29.3	43.9





#57

1,3-Dichloropropane

Concen: 50.137 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 544544

Ion Ratio Lower Upper

76 100

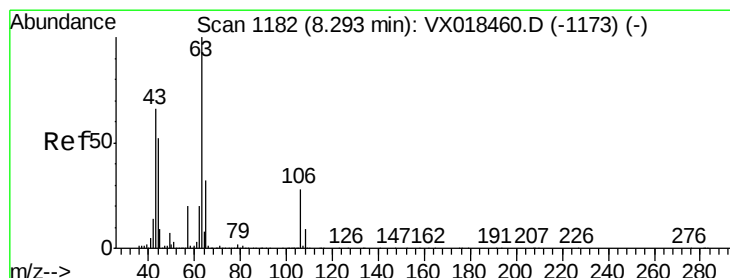
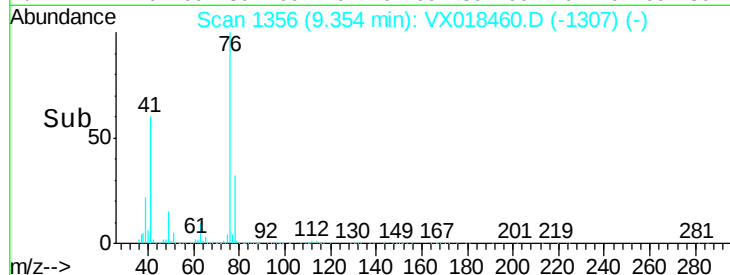
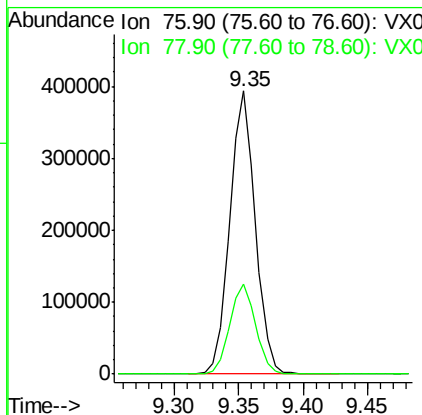
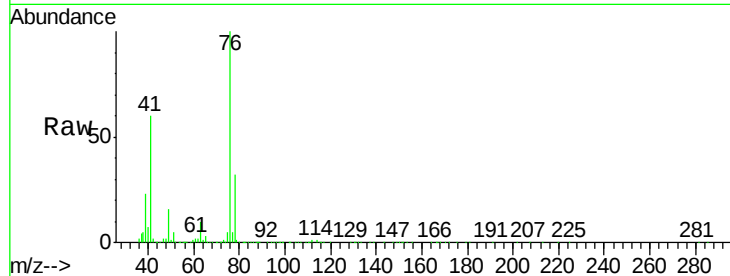
78 32.0 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 290.283 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018460.D

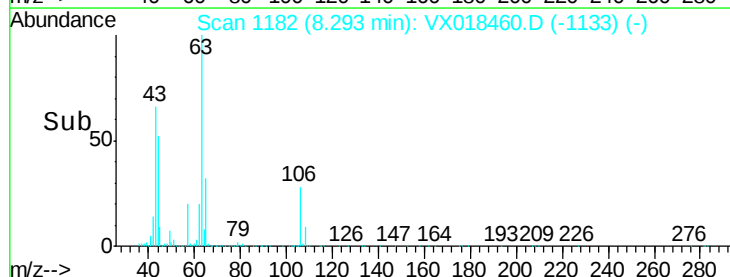
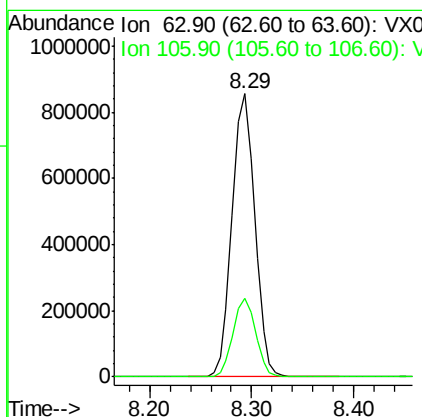
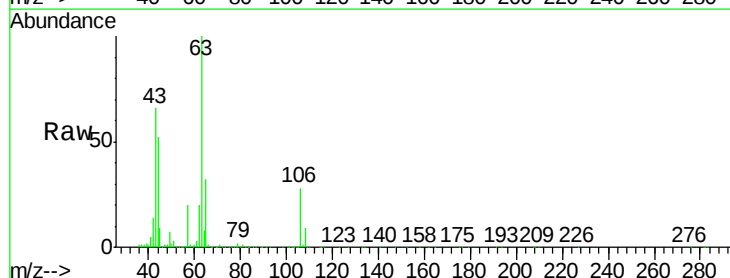
Acq: 17 Sep 2020 11:06

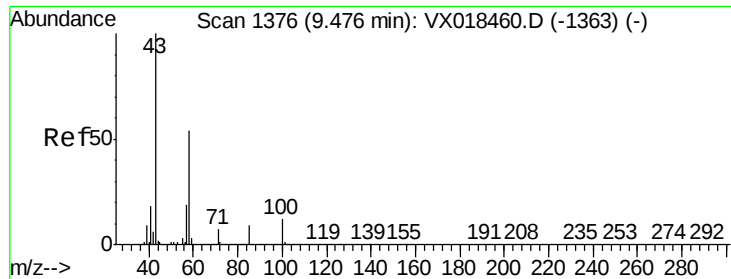
Tgt Ion: 63 Resp: 1320452

Ion Ratio Lower Upper

63 100

106 27.7 22.2 33.2





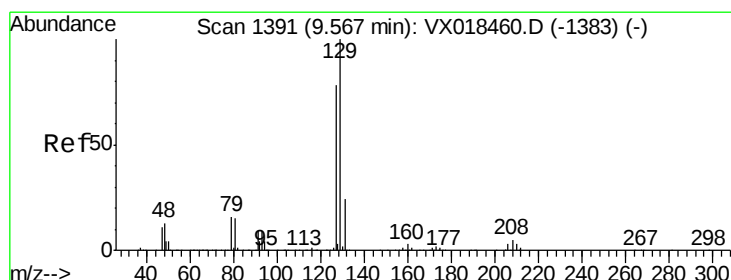
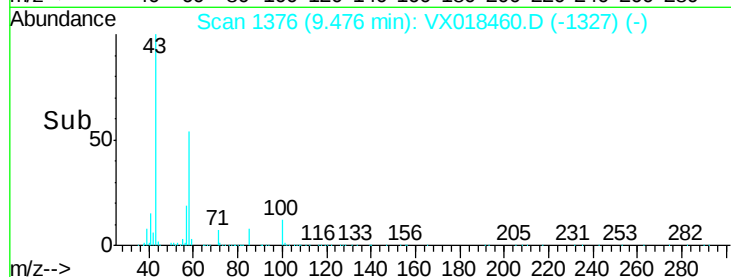
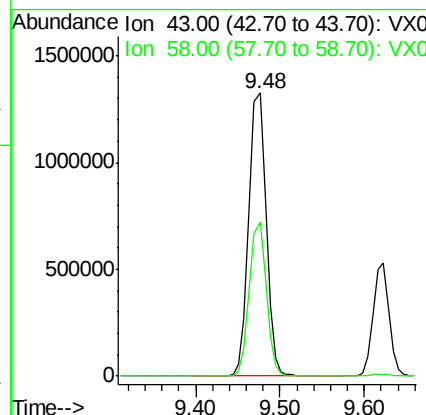
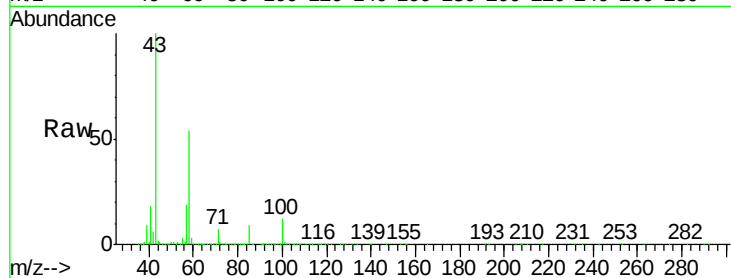
#59
2-Hexanone
Concen: 252.786 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 1831874
Ion Ratio Lower Upper
43 100
58 52.9 26.5 79.4

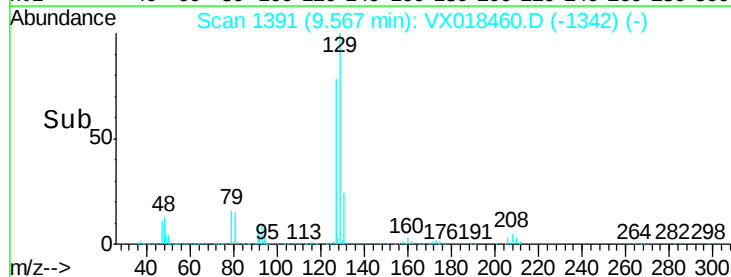
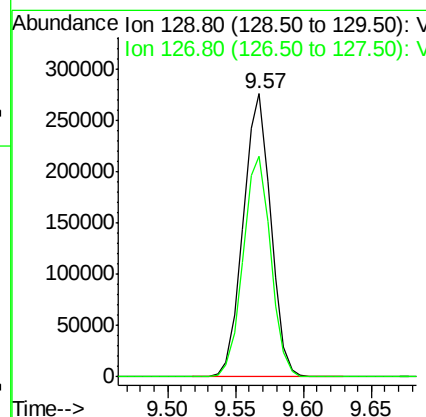
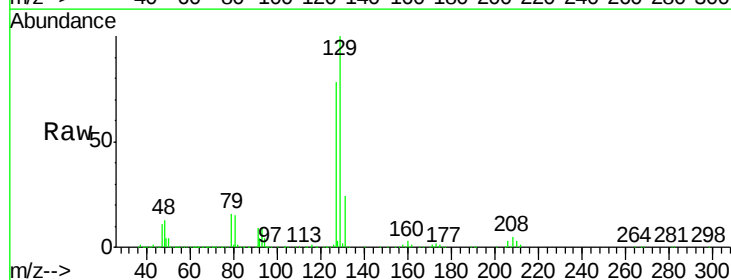
Manual Integrations
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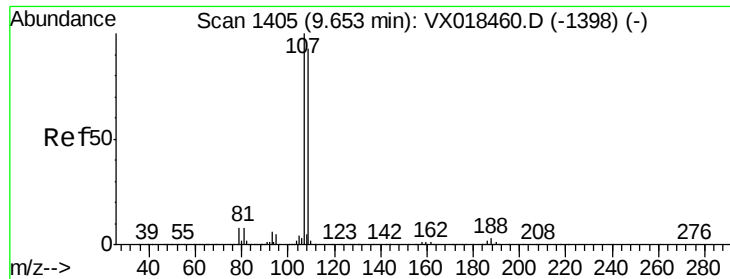
MMDadoda
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#60
Dibromochloromethane
Concen: 50.632 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion: 129 Resp: 391159
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





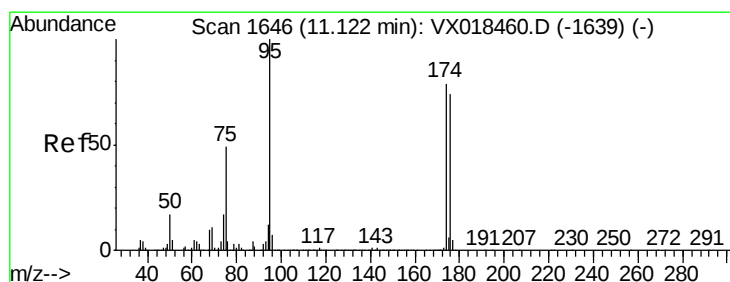
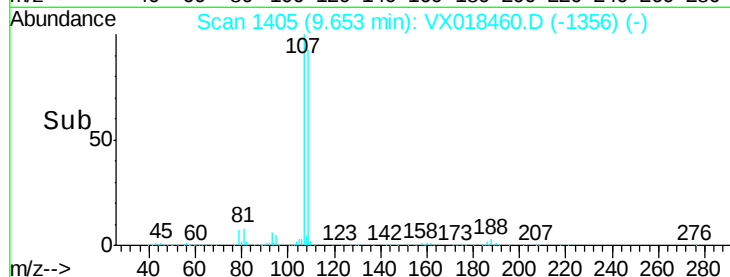
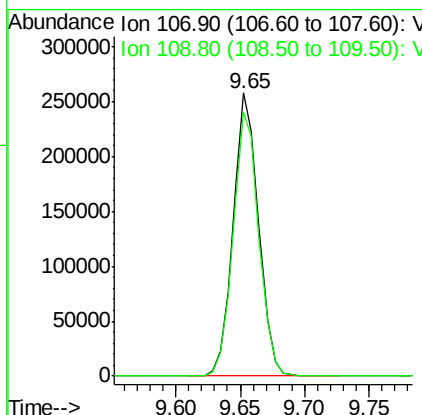
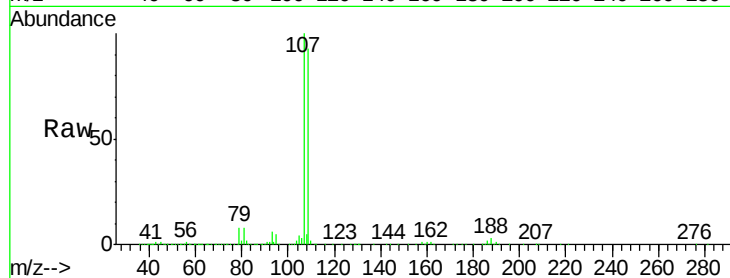
#61
 1,2-Dibromoethane
 Concen: 49.529 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018460.D
 Acq: 17 Sep 2020 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.9	113.9

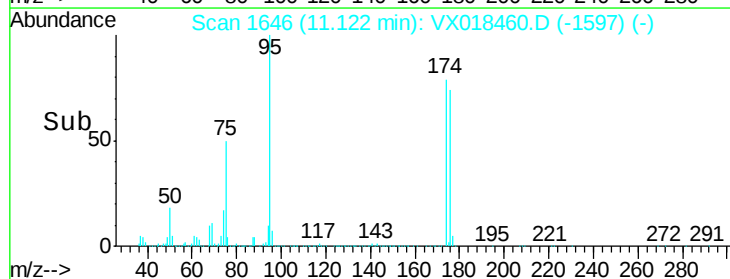
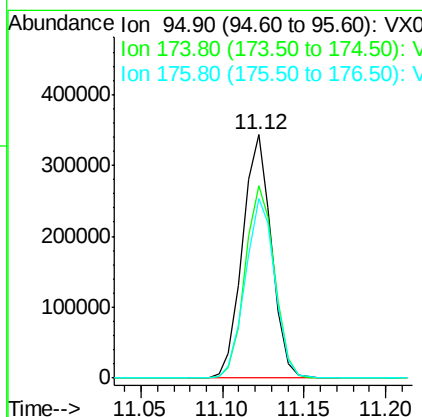
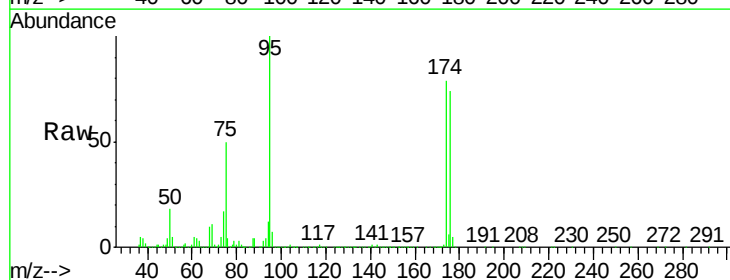
Manual Integrations
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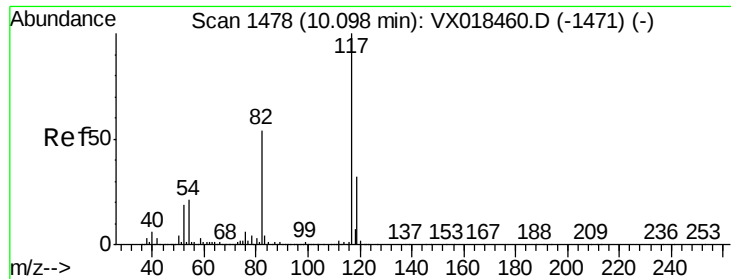
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#62
 4-Bromofluorobenzene
 Concen: 47.576 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX018460.D
 Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	161.4
176	75.7	0.0	151.4





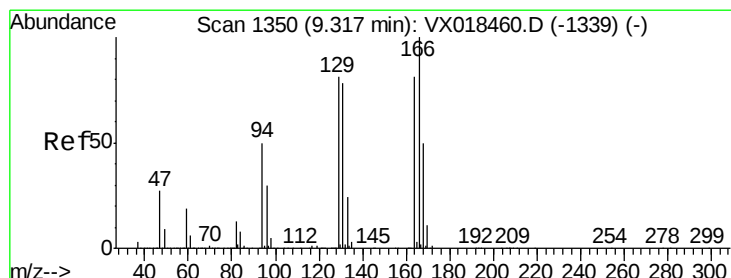
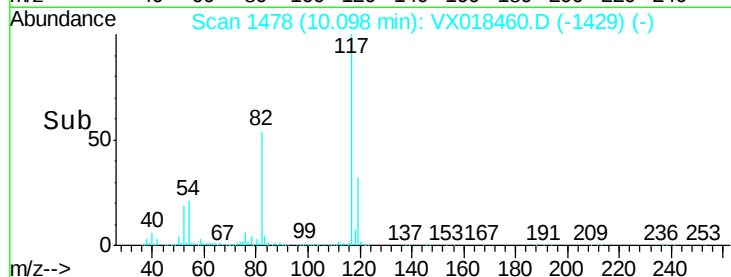
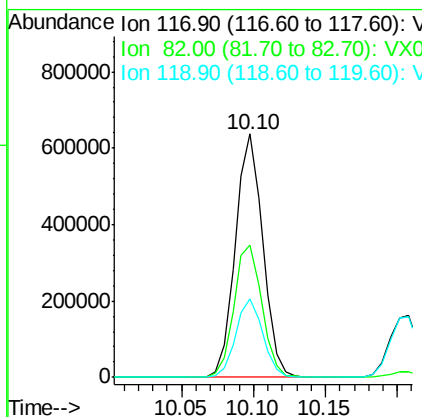
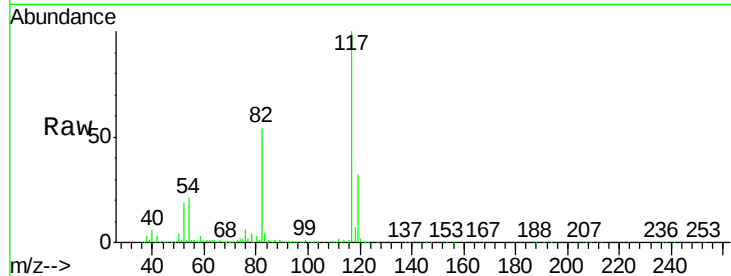
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	848510		
82	54.1	43.3	64.9	
119	32.4	25.9	38.9	

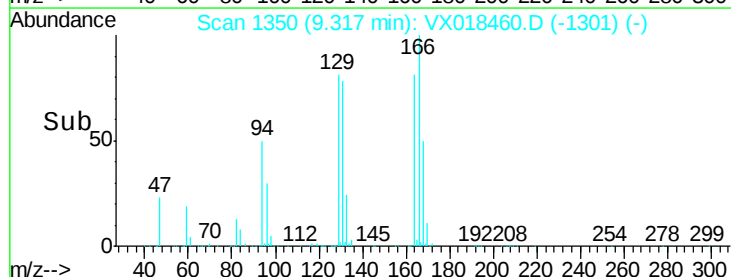
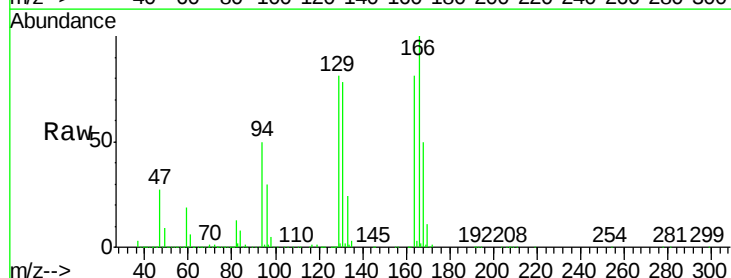
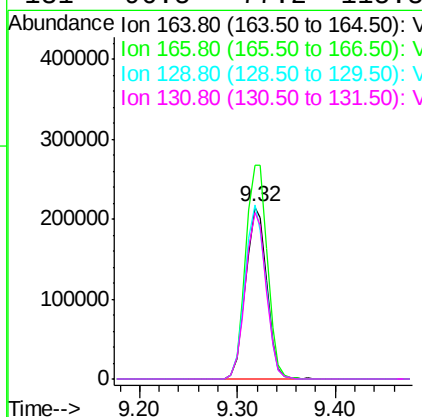
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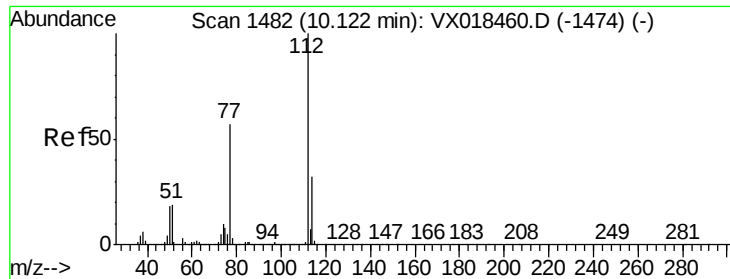
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#64
Tetrachloroethene
Concen: 51.508 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	322761		
166	124.1	99.3	148.9	
129	100.9	80.7	121.1	
131	96.5	77.2	115.8	





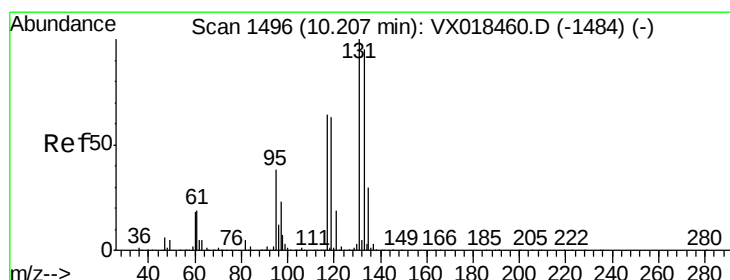
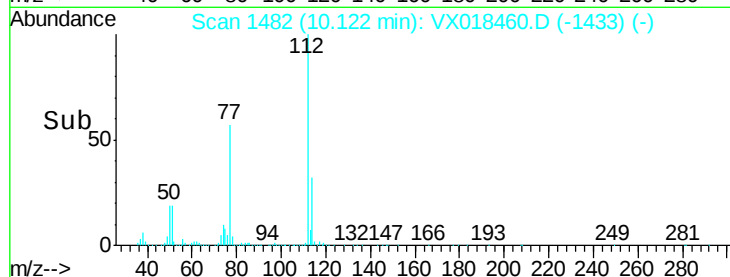
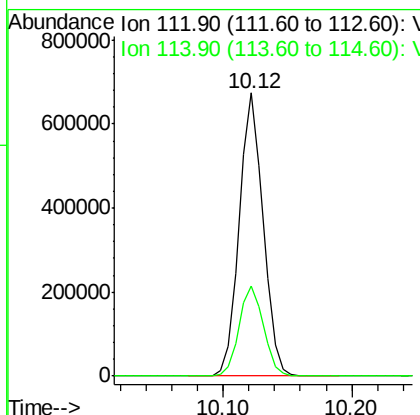
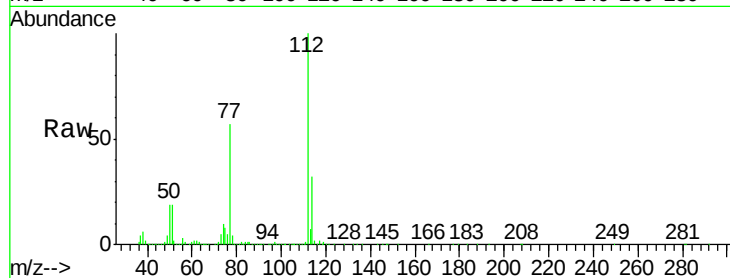
#65
Chlorobenzene
Concen: 51.098 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.4	38.0

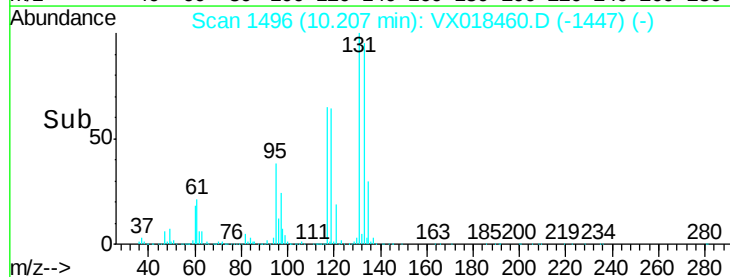
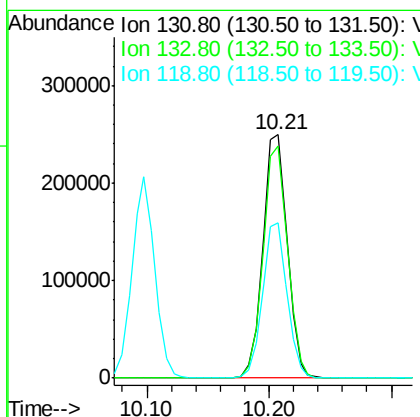
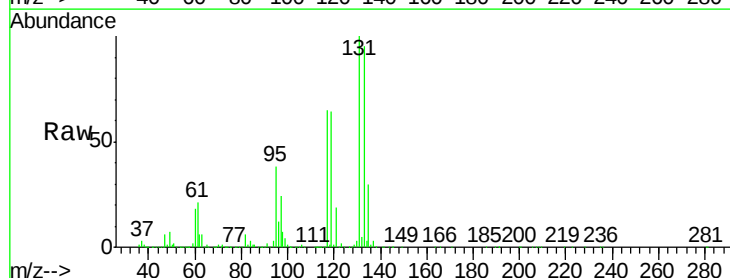
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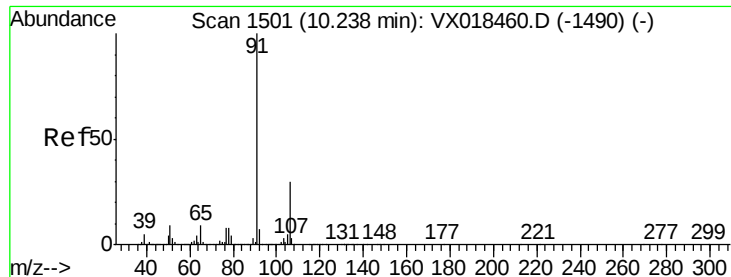
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.127 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.8	143.4
119	63.8	31.9	95.7





#67

Ethyl Benzene

Concen: 53.348 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1545646

Ion Ratio Lower Upper

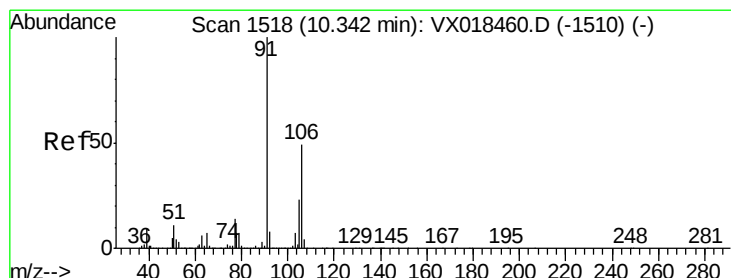
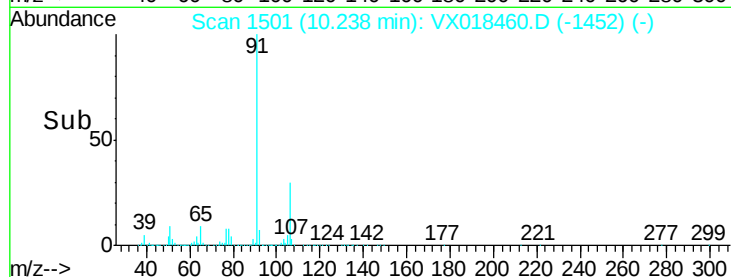
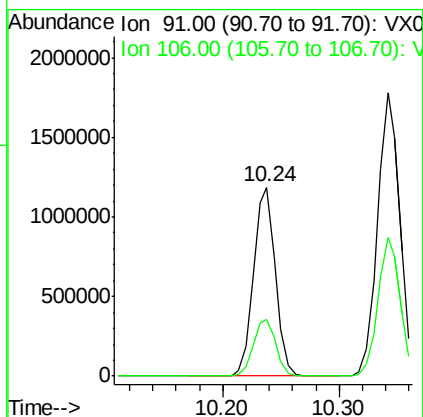
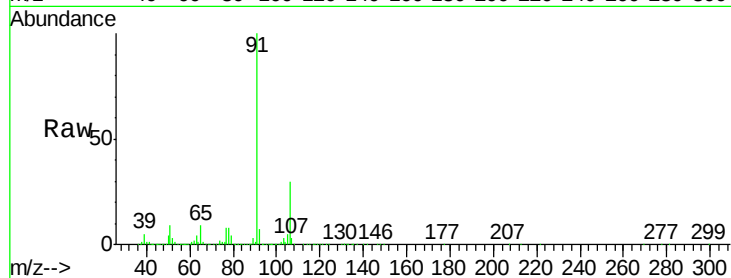
91 100

106 30.1 24.1 36.1

Manual Integrations
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#68

m/p-Xylenes

Concen: 107.337 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018460.D

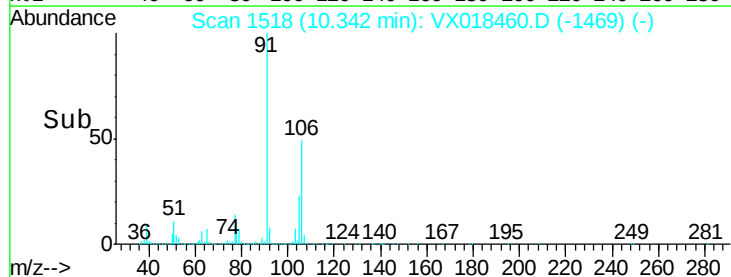
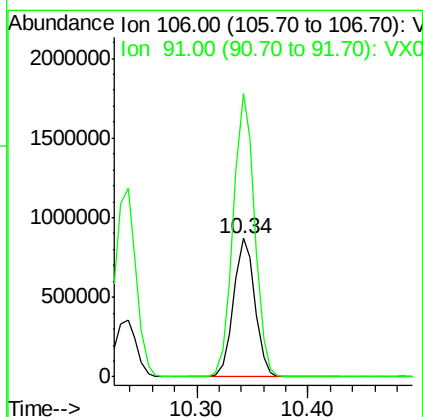
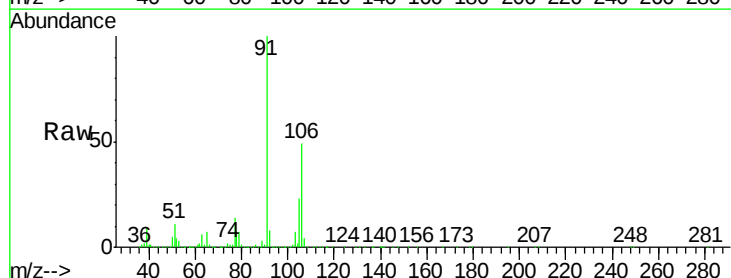
Acq: 17 Sep 2020 11:06

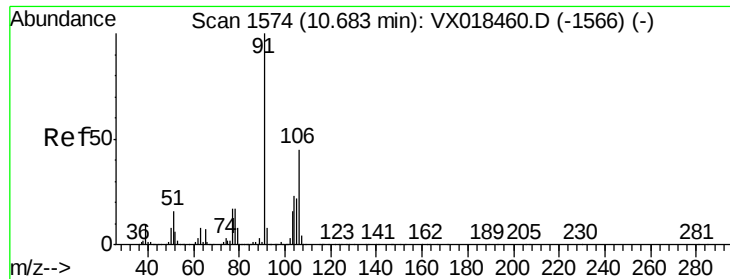
Tgt Ion: 106 Resp: 1156835

Ion Ratio Lower Upper

106 100

91 204.7 163.8 245.6





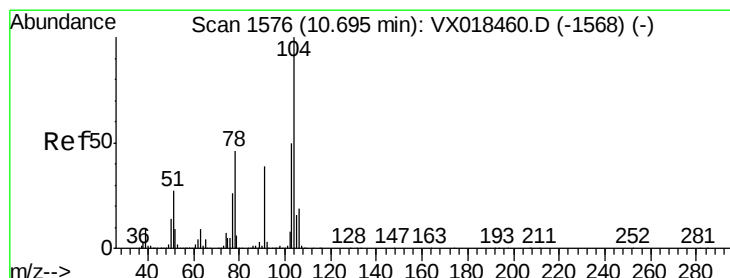
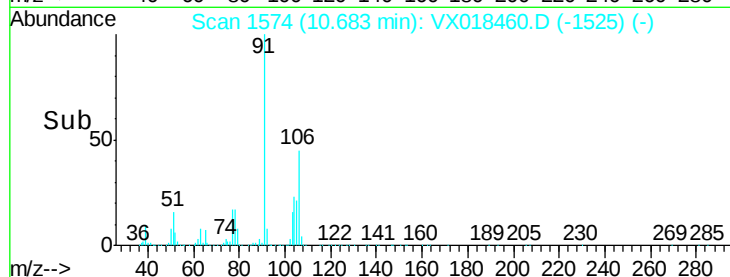
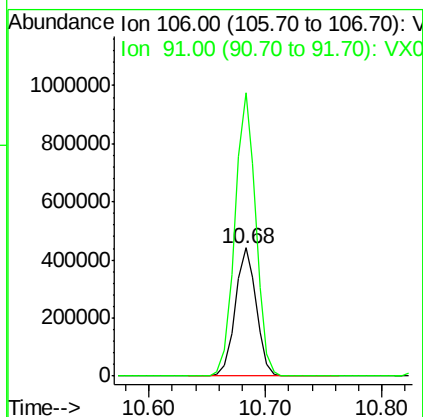
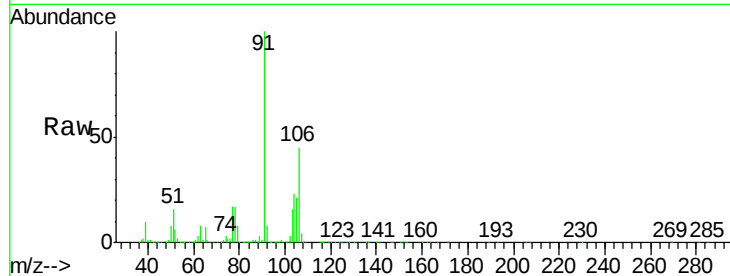
#69
o-Xylene
Concen: 52.972 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion:106 Resp: 554653
Ion Ratio Lower Upper
106 100
91 219.3 109.7 329.0

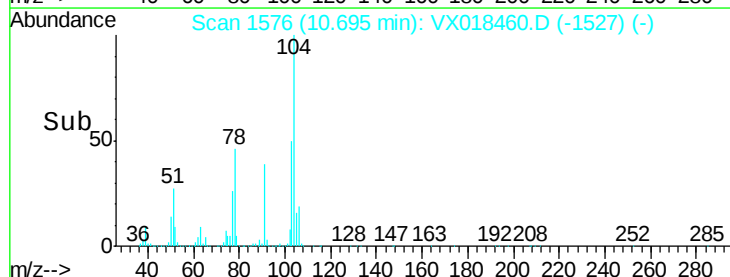
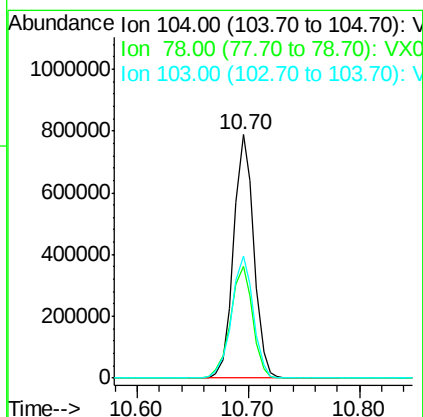
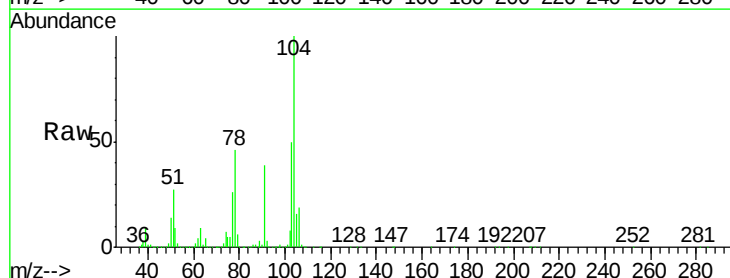
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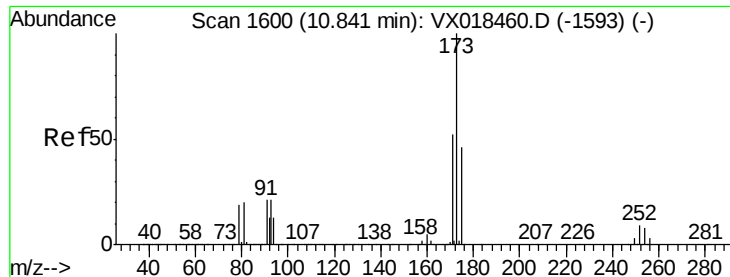
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#70
Styrene
Concen: 55.310 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion:104 Resp: 988991
Ion Ratio Lower Upper
104 100
78 50.6 40.5 60.7
103 54.0 43.2 64.8





#71

Bromoform

Concen: 52.779 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 301746

Ion Ratio Lower Upper

173 100

175 47.2 23.6 70.8

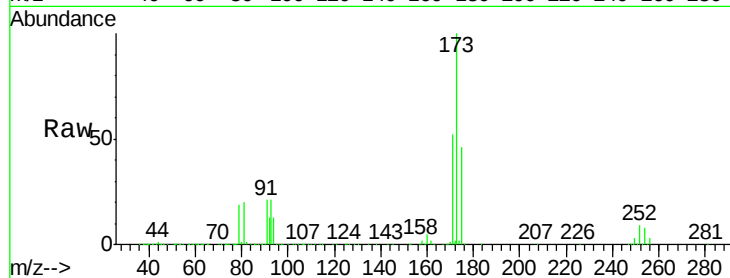
254 0.1 0.1 0.1

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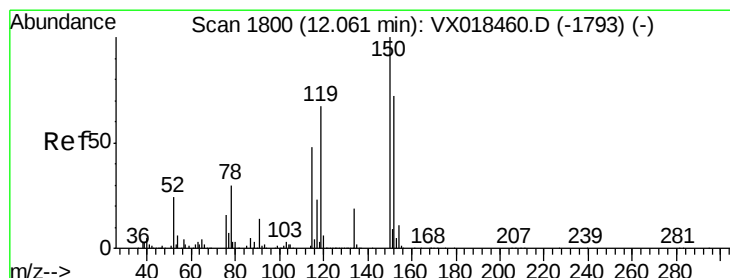
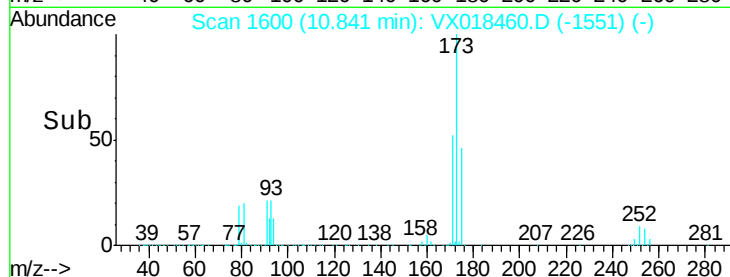
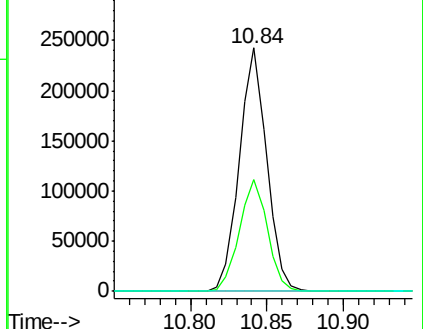
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

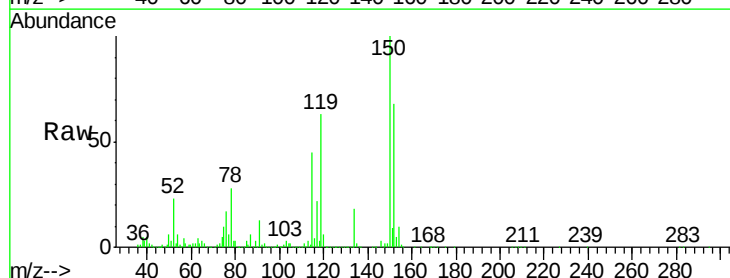
Tgt Ion:152 Resp: 451435

Ion Ratio Lower Upper

152 100

115 83.6 41.8 125.4

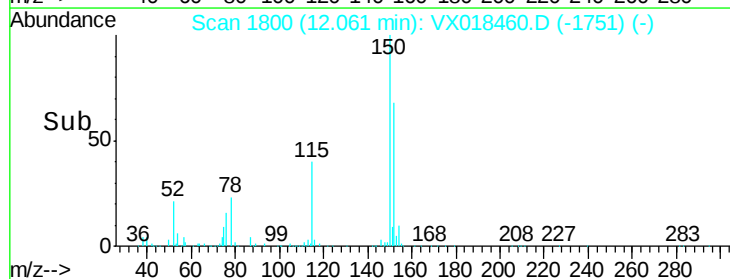
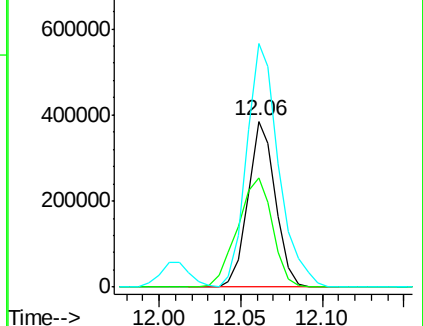
150 171.2 0.0 342.4

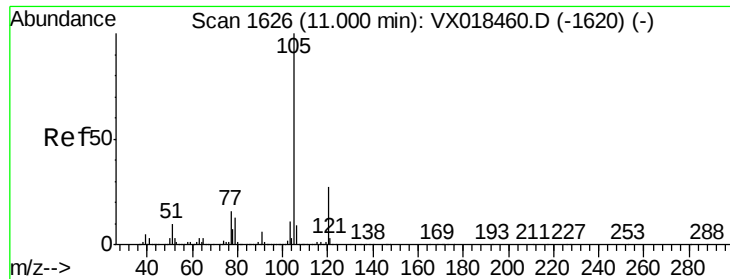


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.355 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1523485

Ion Ratio Lower Upper

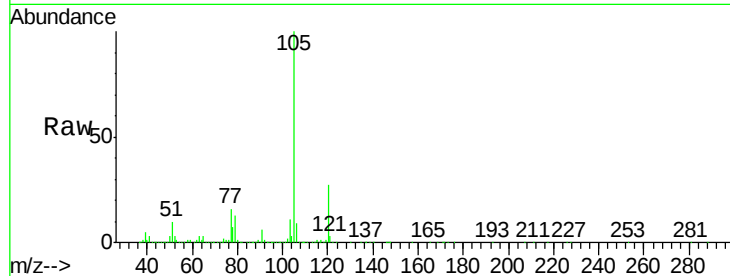
105 100

120 26.8 13.4 40.2

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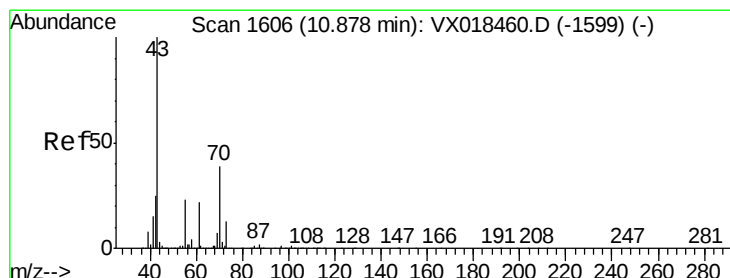
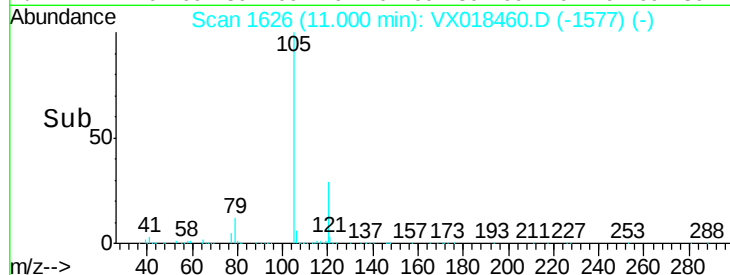
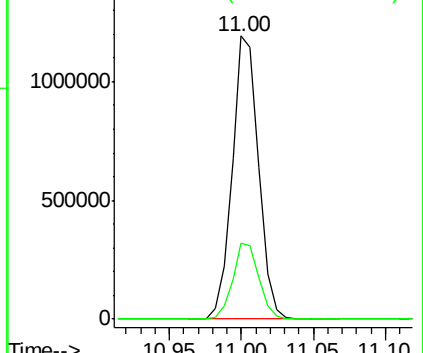
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.149 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Tgt Ion: 43 Resp: 698684

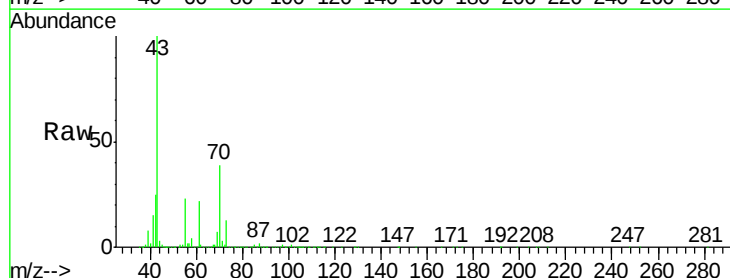
Ion Ratio Lower Upper

43 100

70 40.3 32.2 48.4

55 23.5 18.8 28.2

61 23.7 19.0 28.4

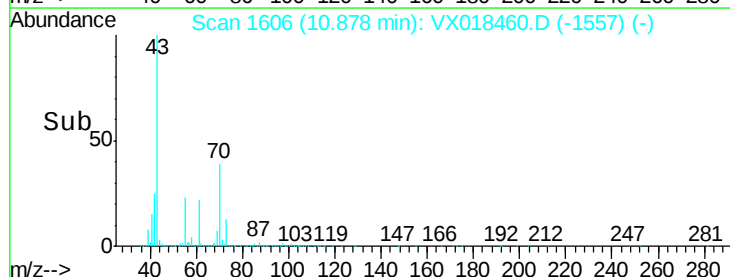
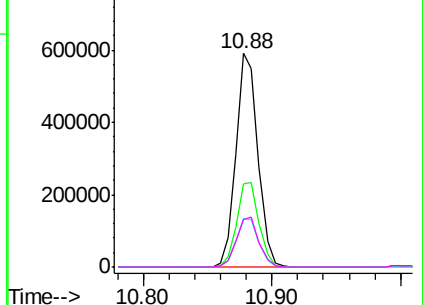


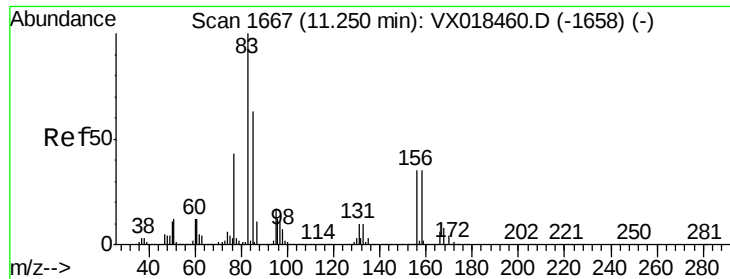
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.945 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

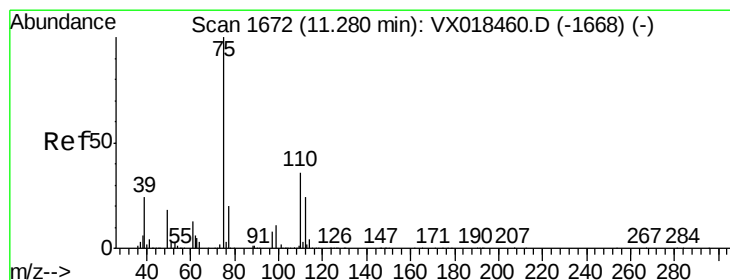
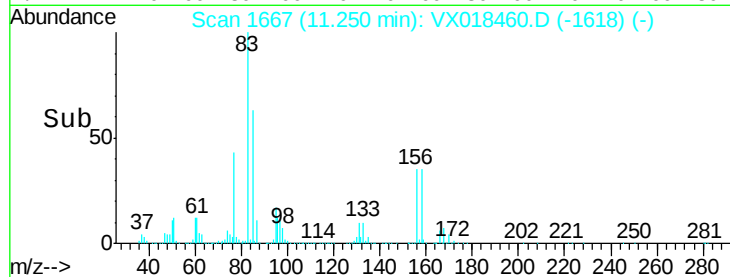
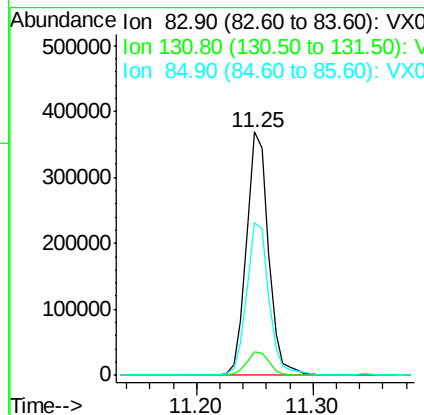
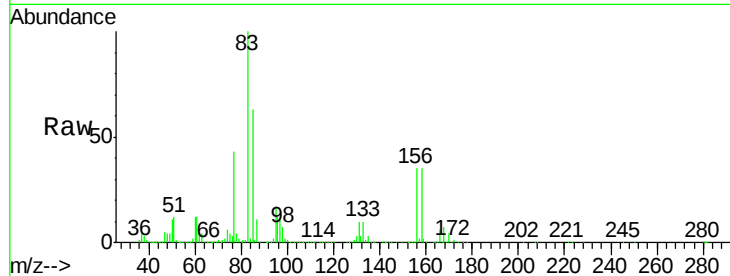
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	490163
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	63.6	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.391 ug/l m

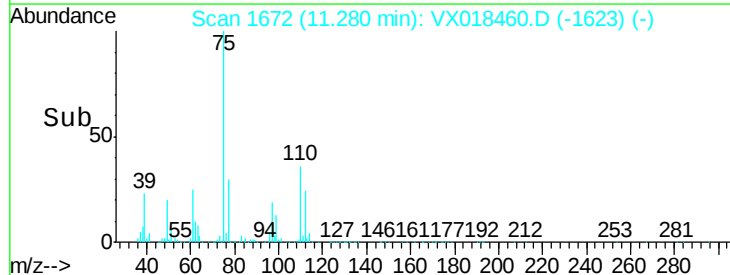
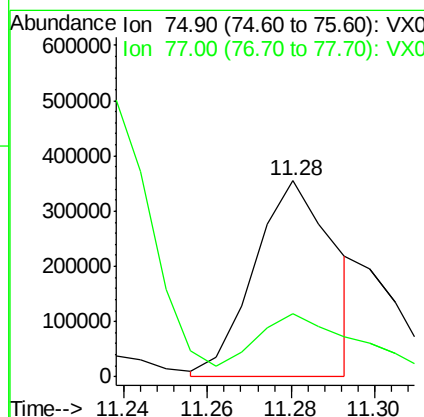
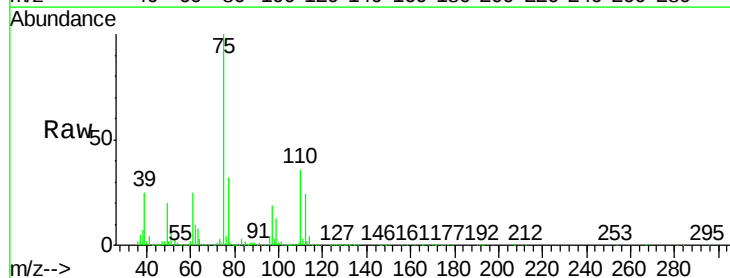
RT: 11.28 min Scan# 1672

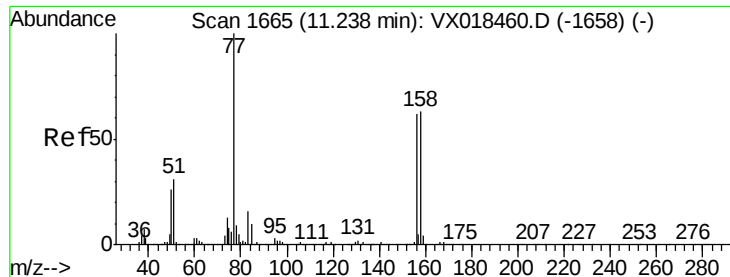
Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Tgt Ion:	75	Resp:	472499
Ion Ratio	Lower	Upper	
75	100		
77	41.8	20.9	62.7





#77

Bromobenzene

Concen: 49.221 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 404960

Ion Ratio Lower Upper

156 100

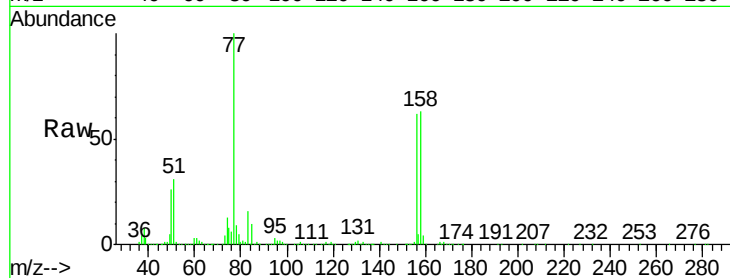
77 157.7 78.8 236.5

158 96.9 48.4 145.3

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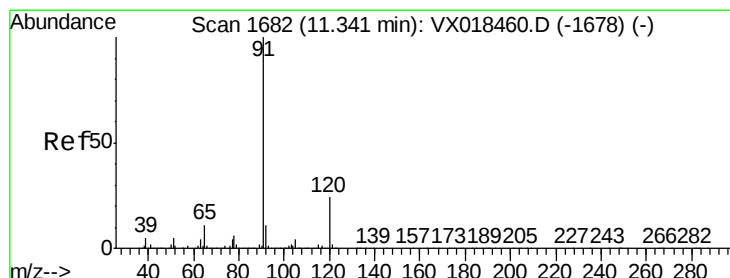
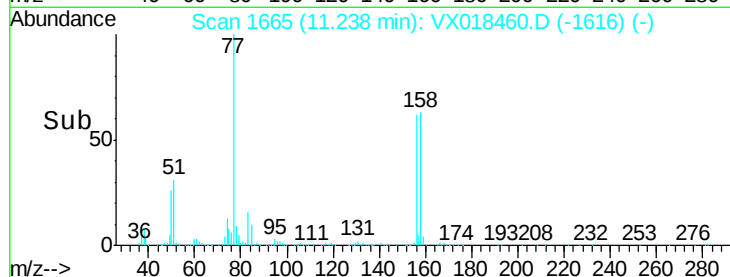
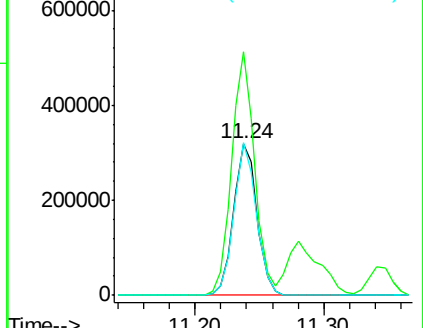
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.798 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018460.D

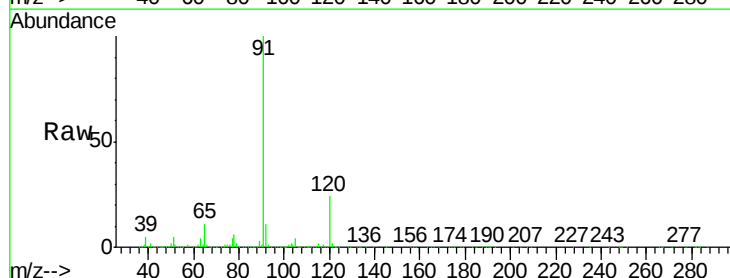
Acq: 17 Sep 2020 11:06

Tgt Ion: 91 Resp: 1791437

Ion Ratio Lower Upper

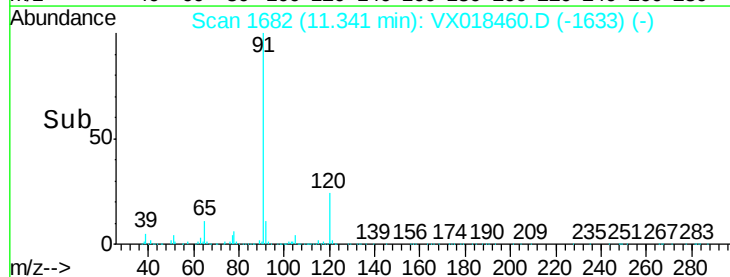
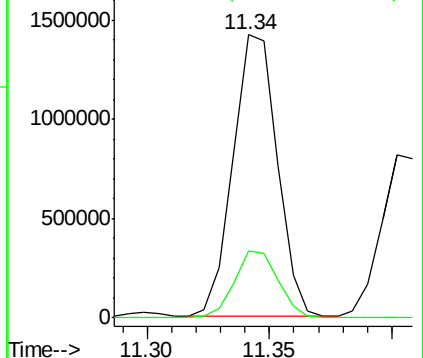
91 100

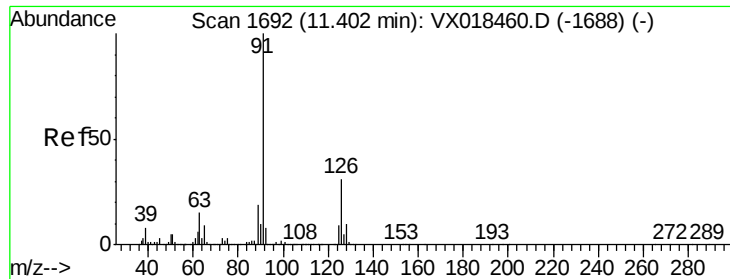
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





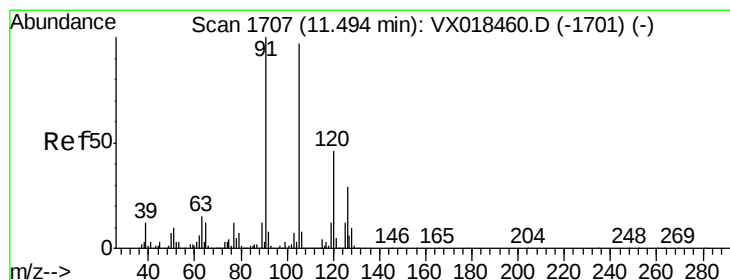
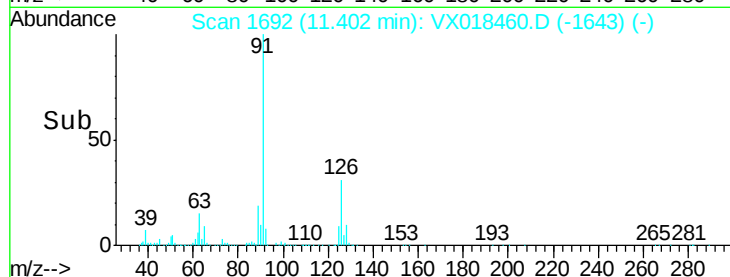
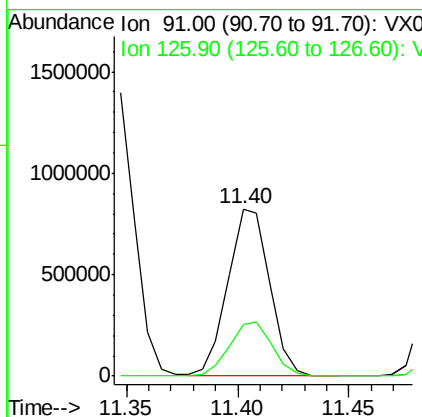
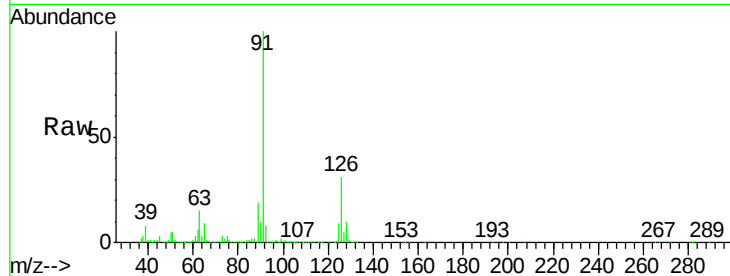
#79
2-Chlorotoluene
Concen: 51.347 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 1071283
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7

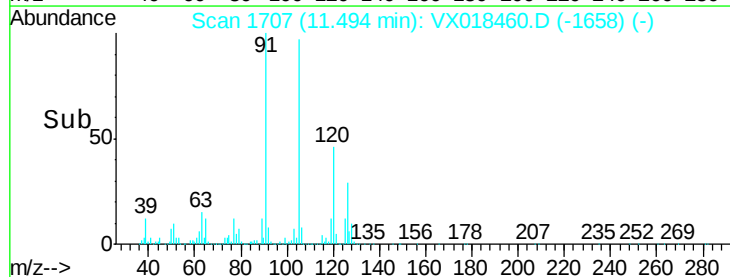
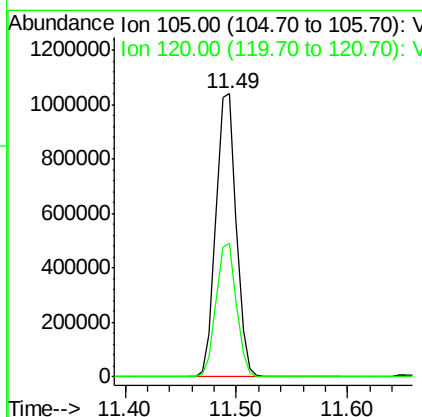
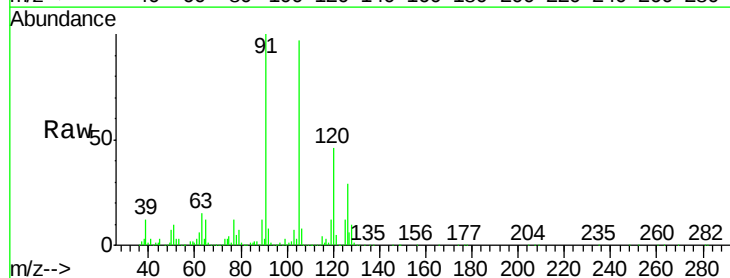
Manual Integrations
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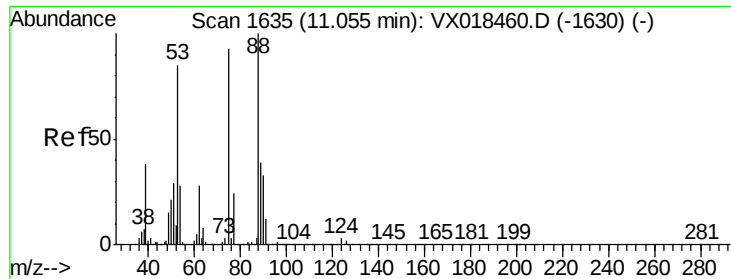
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#80
1,3,5-Trimethylbenzene
Concen: 53.637 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion: 105 Resp: 1312688
Ion Ratio Lower Upper
105 100
120 47.3 23.6 71.0





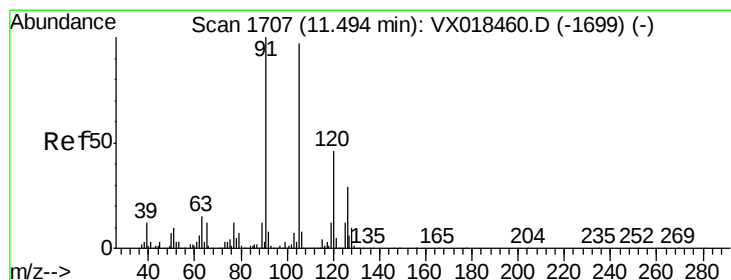
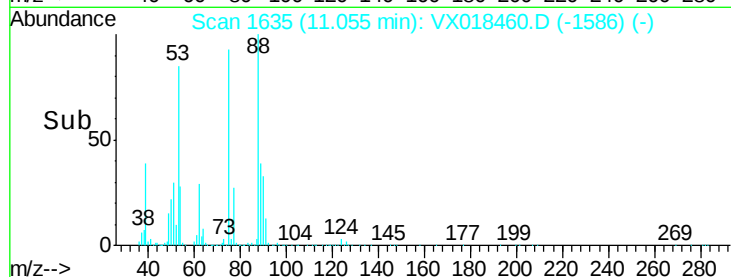
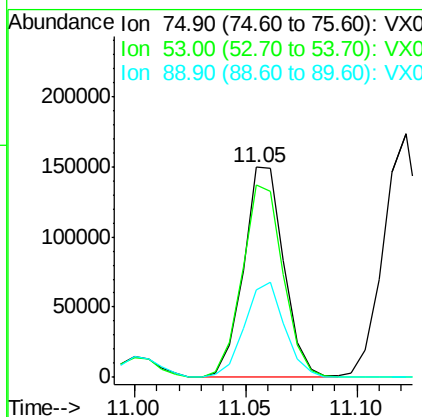
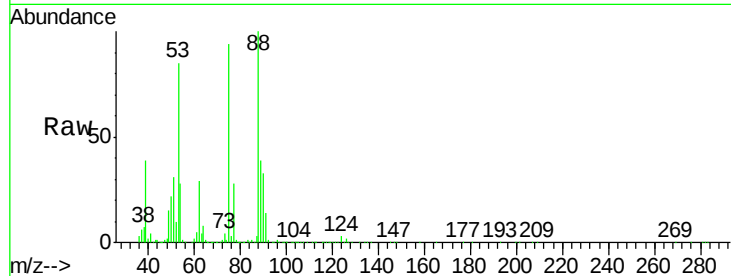
#81
trans-1,4-Dichloro-2-butene
Concen: 50.433 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.2	74.6	111.8
89	45.3	36.2	54.4

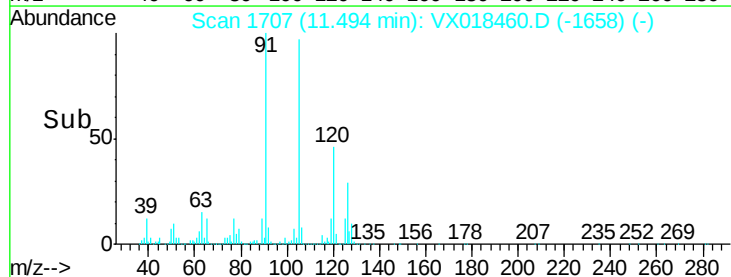
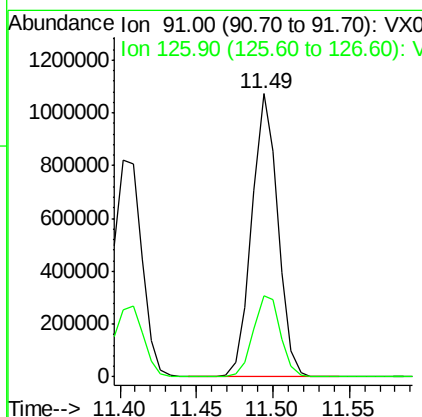
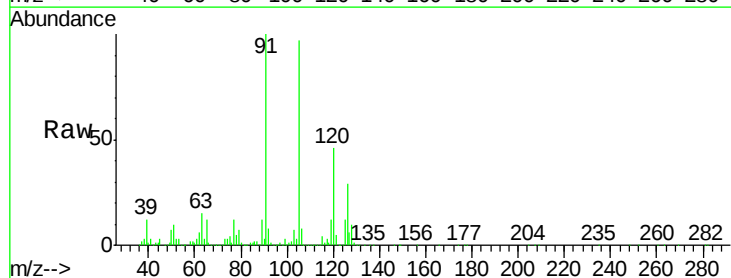
Manual Integrations
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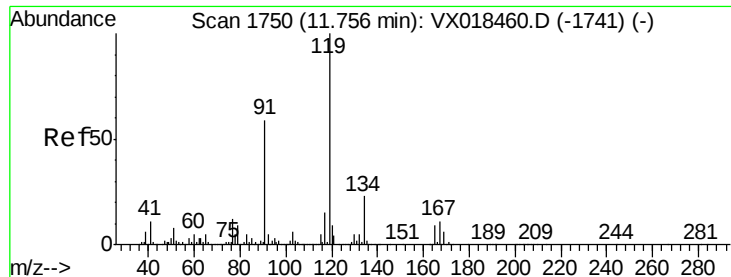
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#82
4-Chlorotoluene
Concen: 51.227 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.0	45.0





#83

tert-Butylbenzene

Concen: 52.732 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018460.D

Acq: 17 Sep 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:119 Resp: 1276432

Ion Ratio Lower Upper

119 100

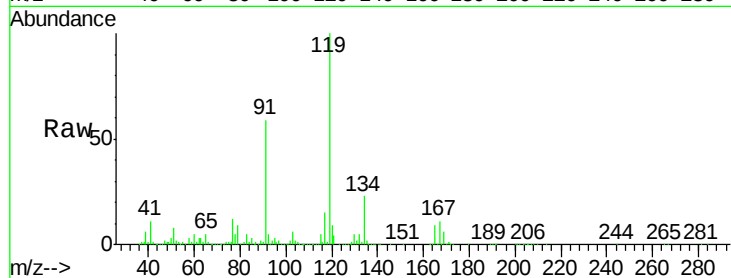
91 57.8 28.9 86.7

134 22.5 11.3 33.8

Manual Integrations
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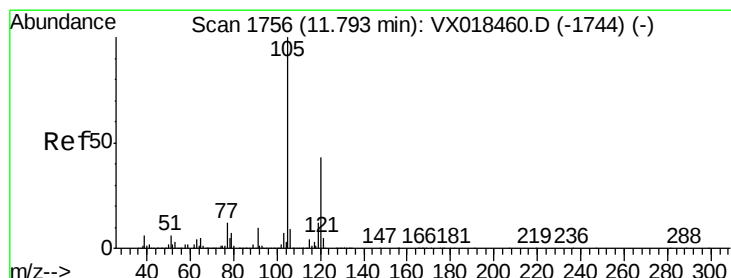
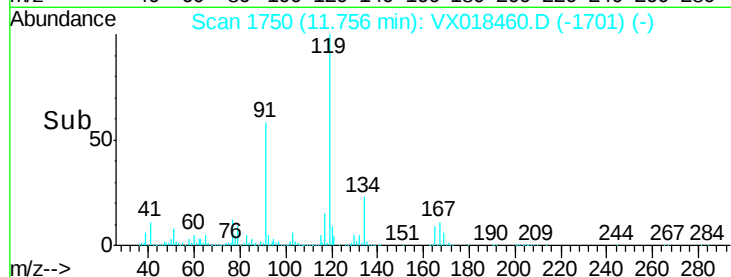
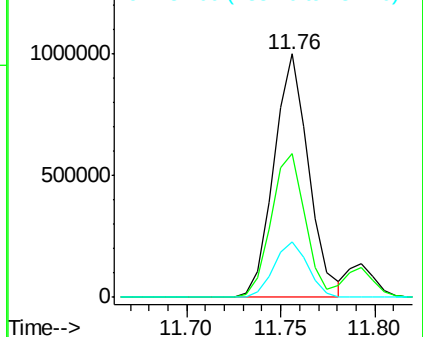
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.487 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018460.D

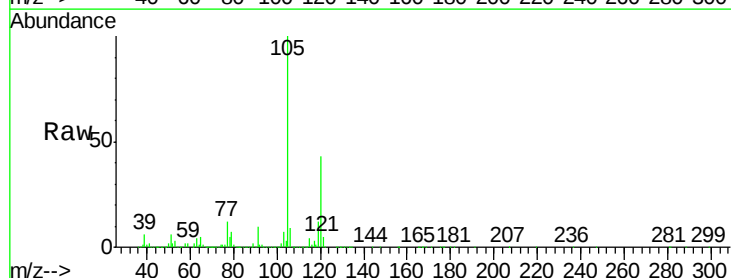
Acq: 17 Sep 2020 11:06

Tgt Ion:105 Resp: 1339764

Ion Ratio Lower Upper

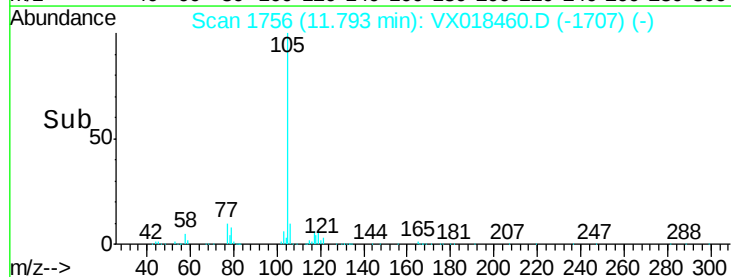
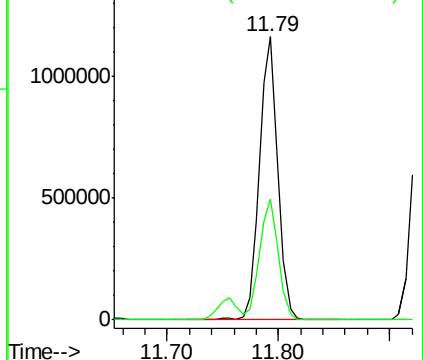
105 100

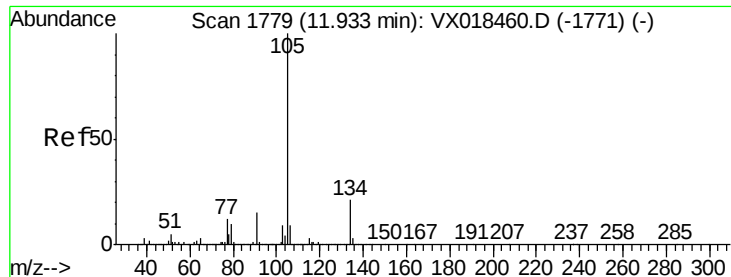
120 43.3 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





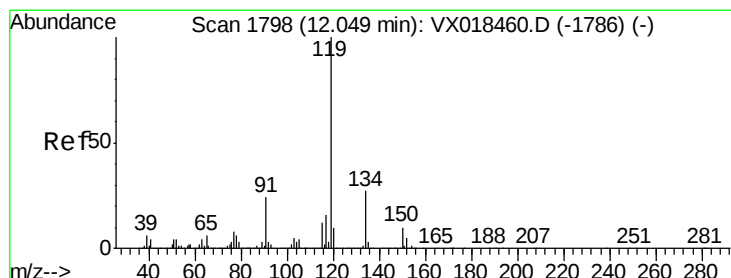
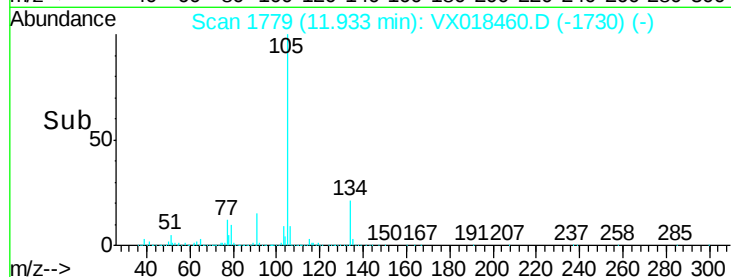
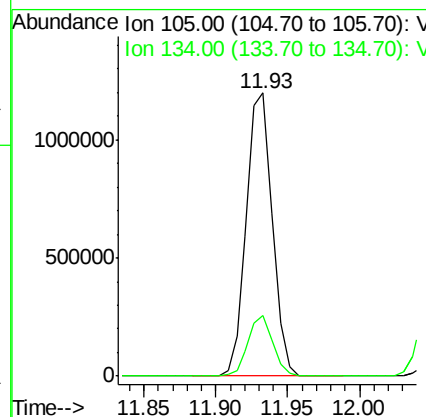
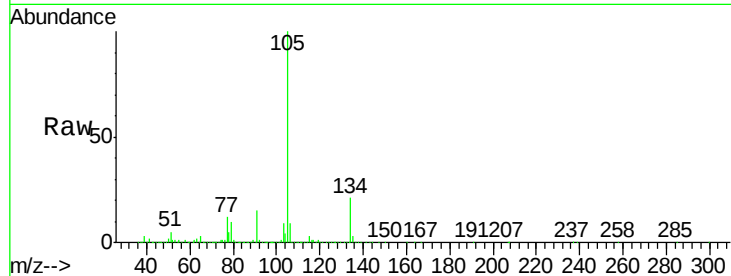
#85
 sec-Butylbenzene
 Concen: 54.344 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018460.D
 Acq: 17 Sep 2020 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:105 Resp: 1500208
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

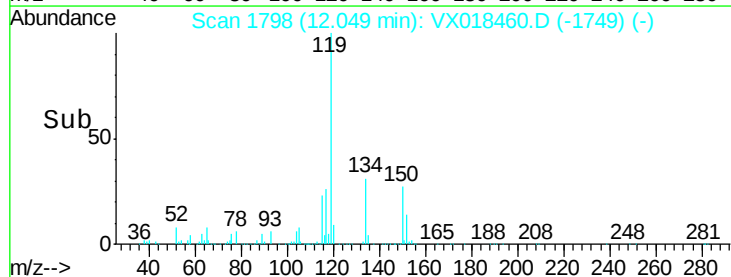
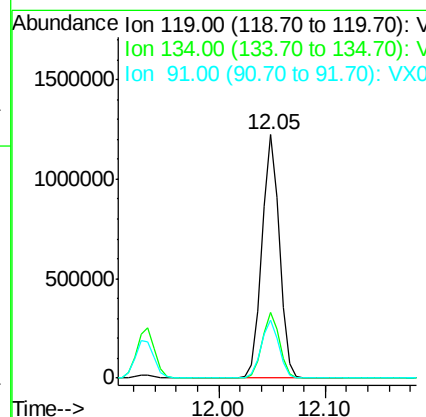
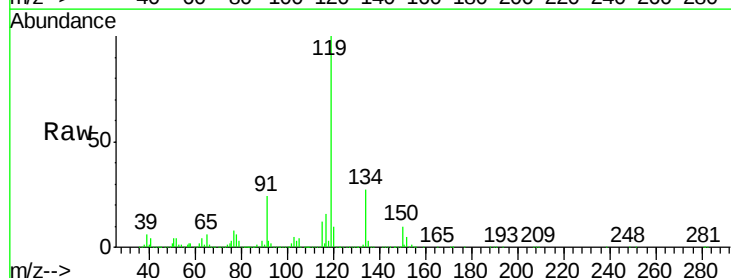
Manual Integrations
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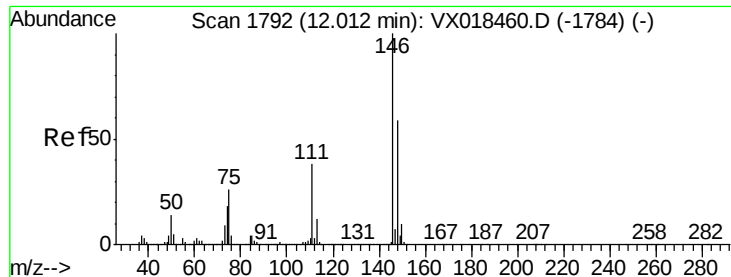
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#86
 p-Isopropyltoluene
 Concen: 55.574 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018460.D
 Acq: 17 Sep 2020 11:06

Tgt Ion:119 Resp: 1411069
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 23.9 11.9 35.9





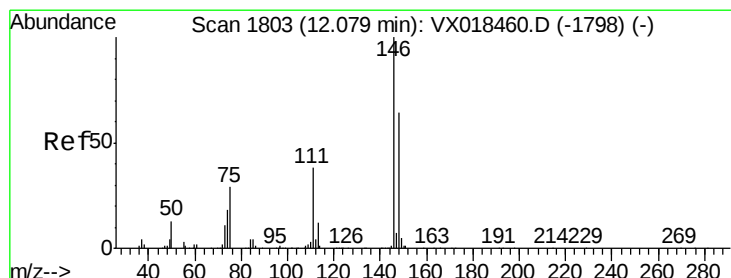
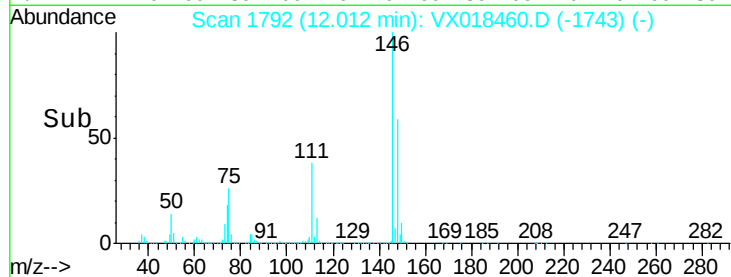
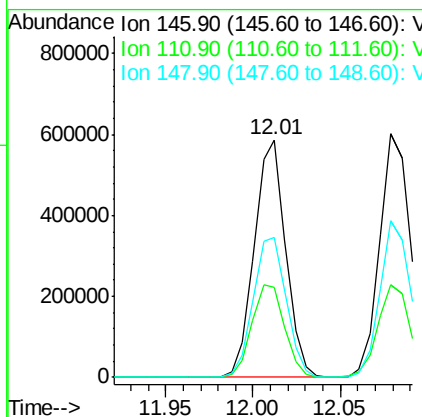
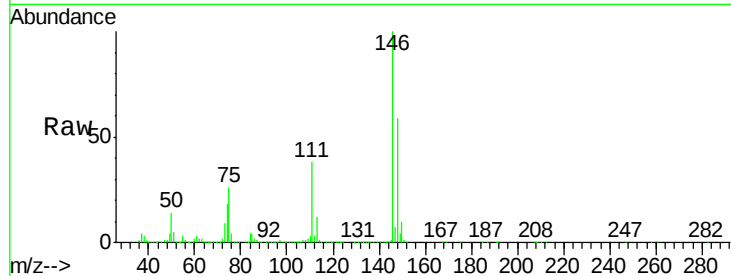
#87
 1,3-Dichlorobenzene
 Concen: 50.351 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018460.D
 Acq: 17 Sep 2020 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.2
148	62.1	31.1	93.2

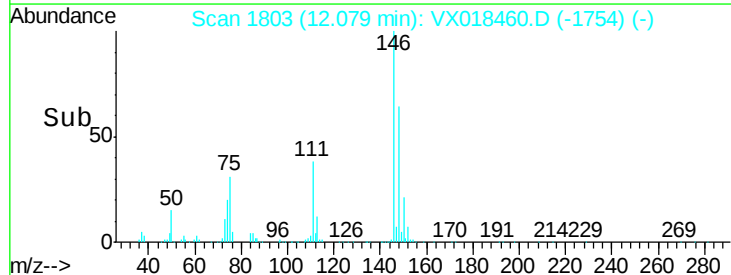
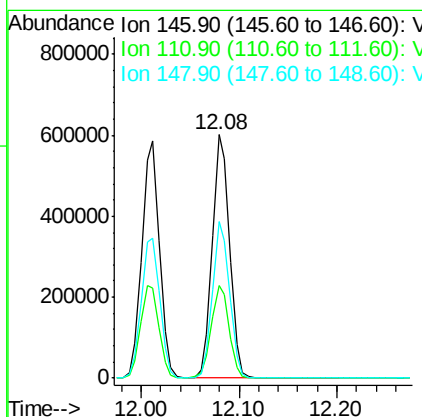
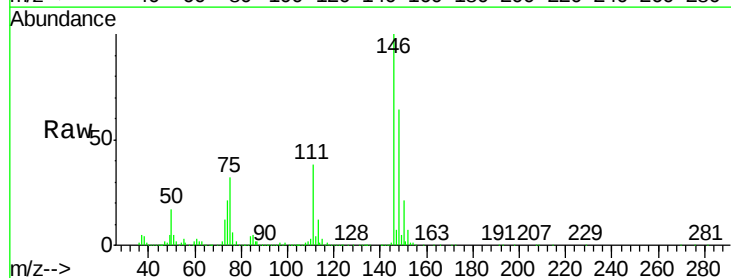
Manual Integrations
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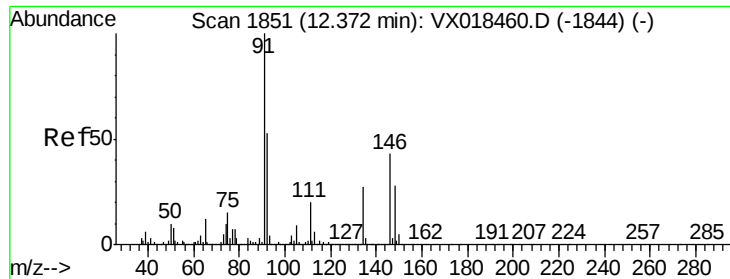
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#88
 1,4-Dichlorobenzene
 Concen: 50.641 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018460.D
 Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.4
148	63.6	31.8	95.4





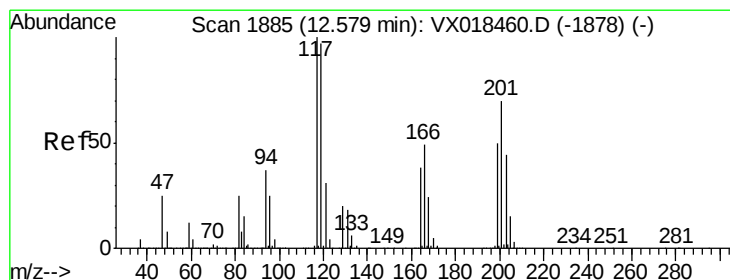
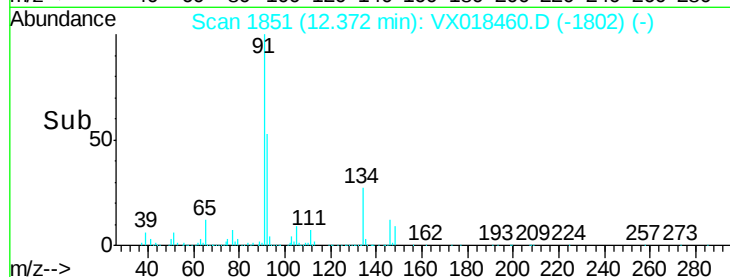
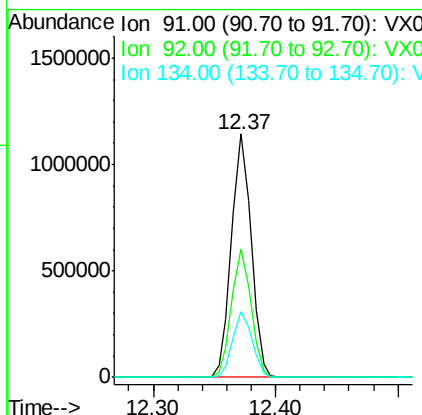
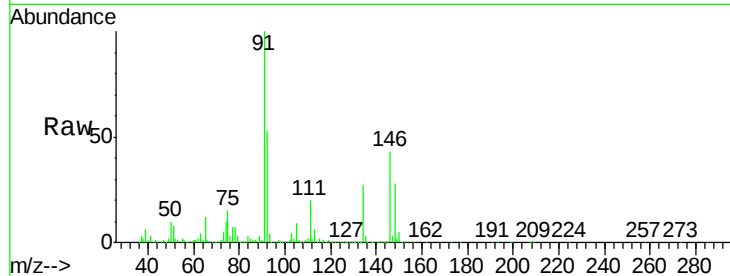
#89
n-Butylbenzene
Concen: 54.687 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 1273792
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.2
134 26.5 13.3 39.8

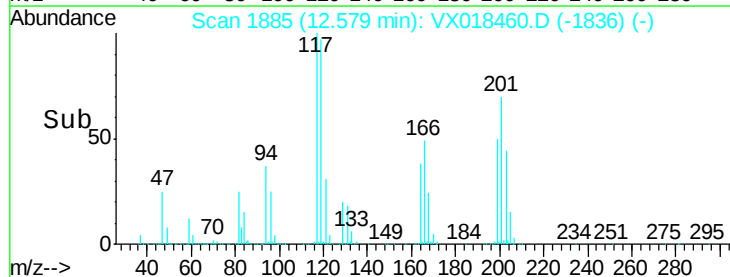
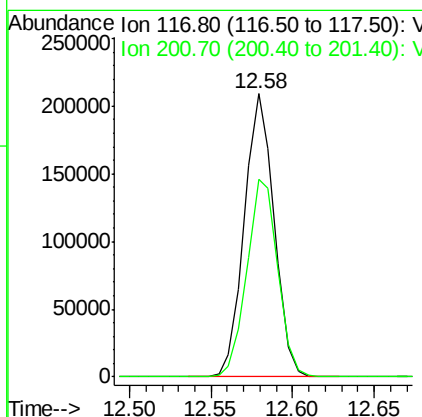
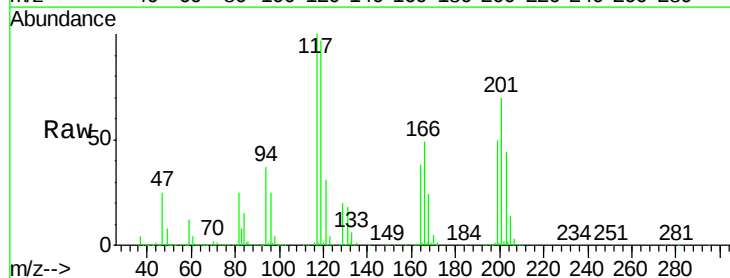
Manual Integrations
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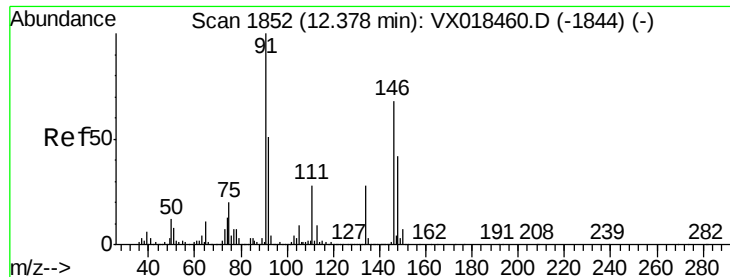
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#90
Hexachloroethane
Concen: 53.490 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion: 117 Resp: 266885
Ion Ratio Lower Upper
117 100
201 72.4 36.2 108.6





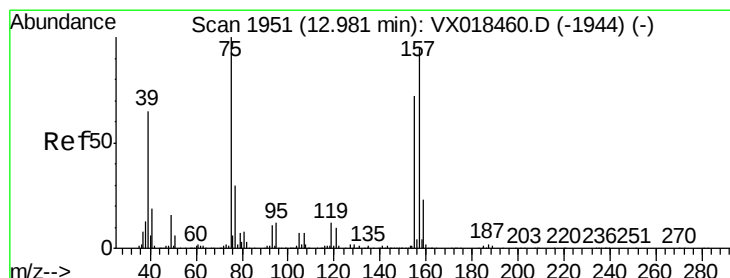
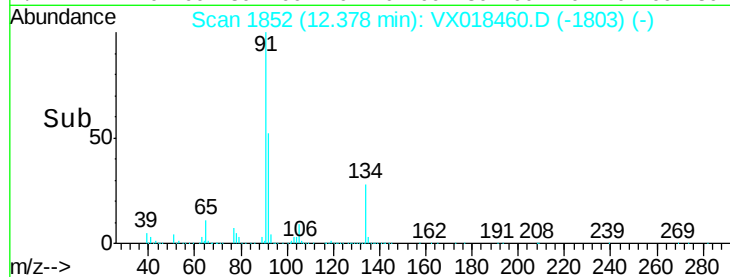
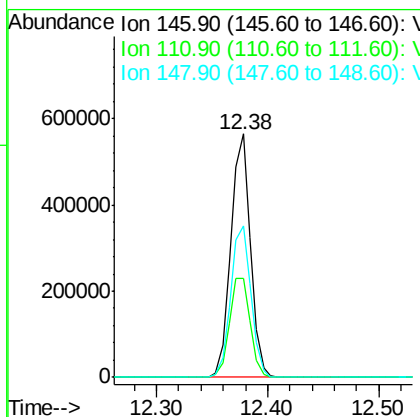
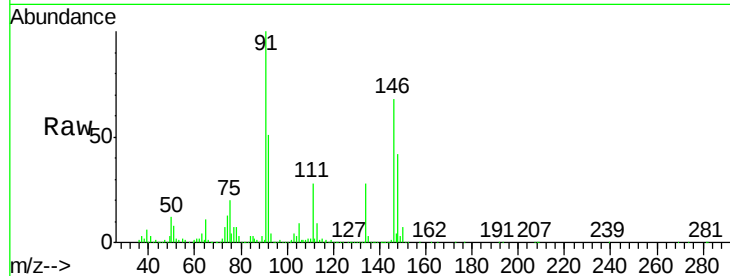
#91
 1,2-Dichlorobenzene
 Concen: 50.479 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018460.D
 Acq: 17 Sep 2020 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	685467		
111	43.0	21.5	64.5	
148	64.3	32.1	96.5	

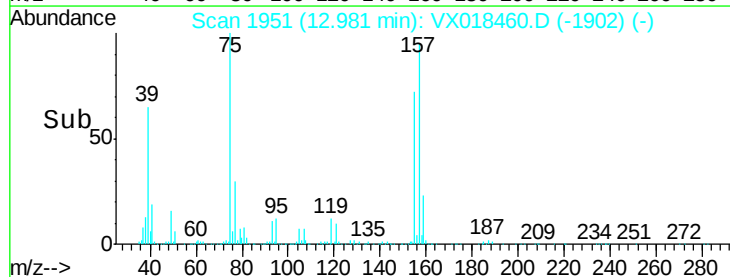
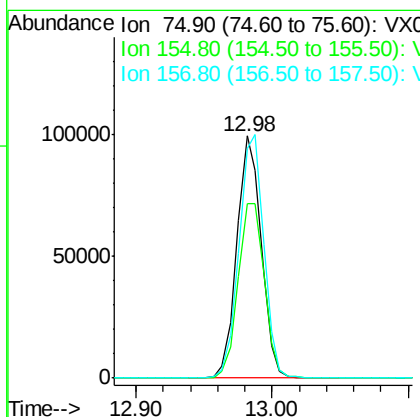
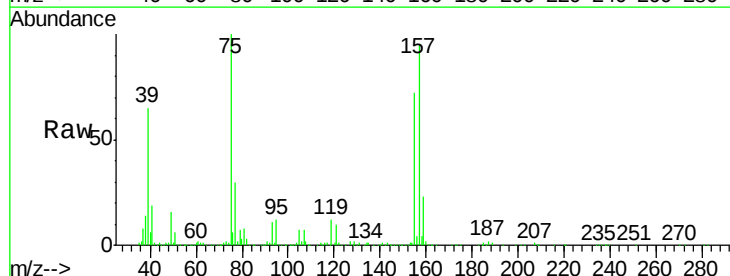
Manual Integrations
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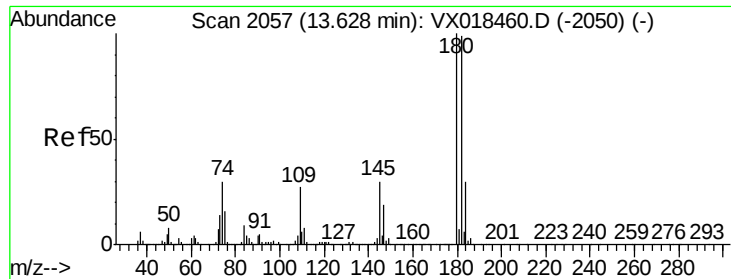
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.324 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018460.D
 Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	123760		
155	77.6	38.8	116.4	
157	102.2	51.1	153.3	





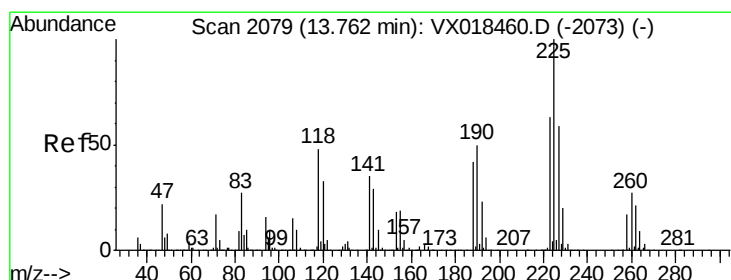
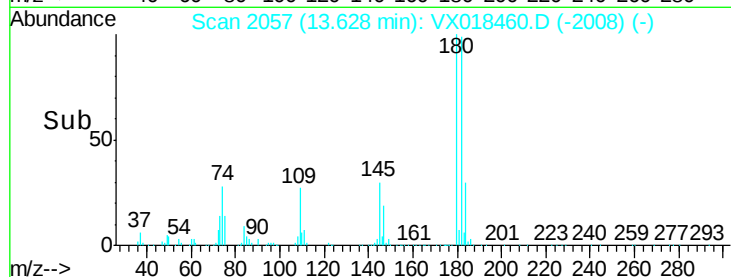
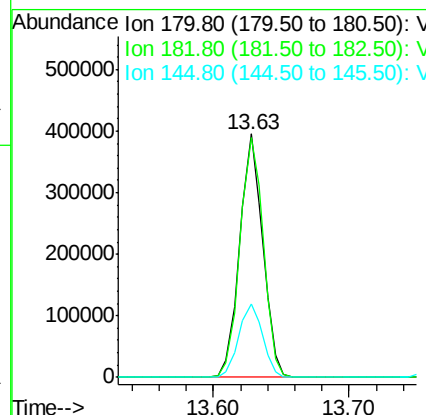
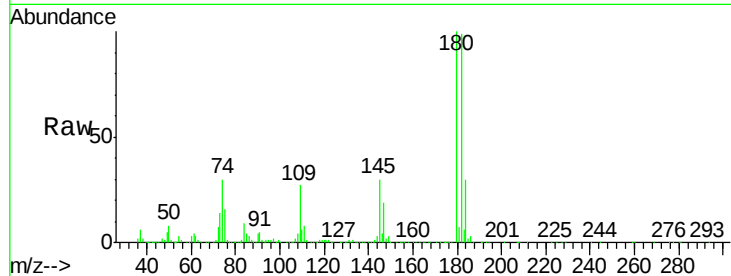
#93
 1,2,4-Trichlorobenzene
 Concen: 51.231 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018460.D
 Acq: 17 Sep 2020 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	466391		
182	100.4	50.2	150.6	
145	31.4	15.7	47.1	

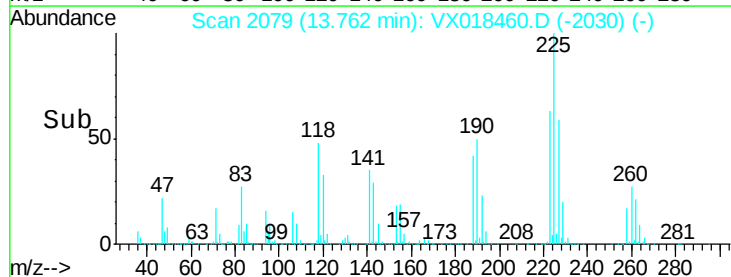
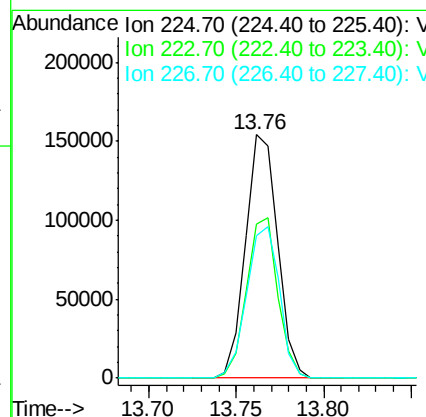
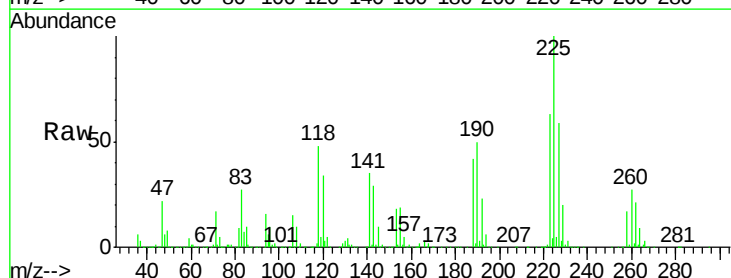
Manual Integrations
 APPROVED

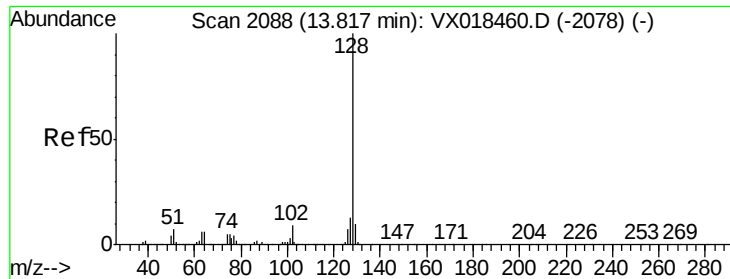
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#94
 Hexachlorobutadiene
 Concen: 54.006 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018460.D
 Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	197006		
223	64.1	32.0	96.2	
227	63.4	31.7	95.1	





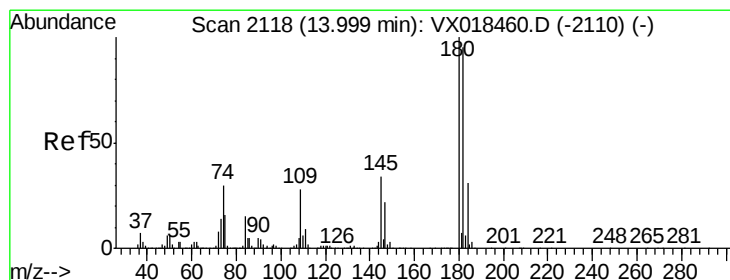
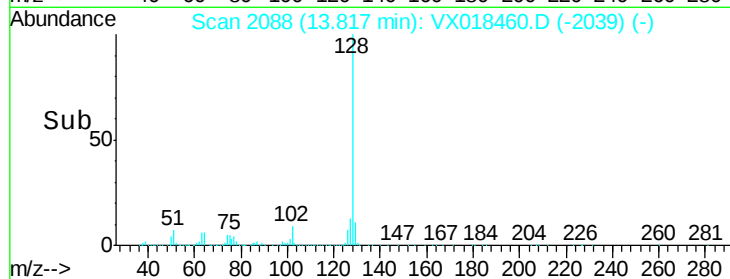
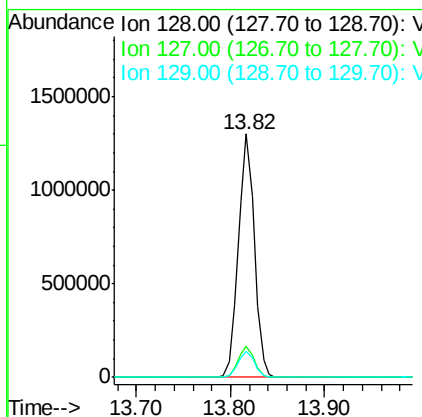
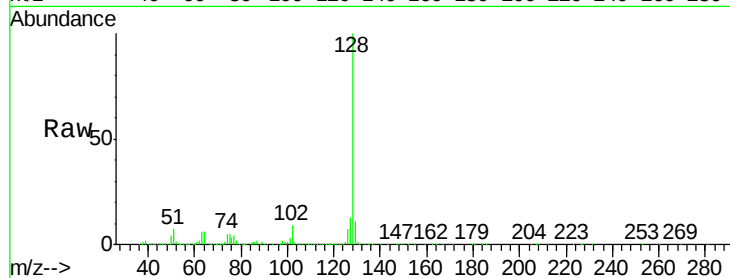
#95
Naphthalene
Concen: 51.573 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 51.239 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018460.D
Acq: 17 Sep 2020 11:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.1	141.3
145	33.6	16.8	50.4

