

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018937.D
 Acq On : 15 Oct 2020 15:10
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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 10/16/2020 2:11:36 PM

Quant Time: Oct 15 15:33:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 14:34:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	51249	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	283334	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	249499	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	96562	24.88	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	82.93%
60) 4-Bromofluorobenzene	11.12	95	117390	27.70	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.33%
63) Toluene-d8	8.70	98	323751	29.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	389051	146.989	ug/l 98
3) Chloromethane	1.31	50	403366	139.592	ug/l 99
4) Vinyl Chloride	1.39	62	511554	165.598	ug/l 100
5) Bromomethane	1.62	94	242850	118.275	ug/l 99
6) Chloroethane	1.70	64	358293	187.661	ug/l 96
7) Trichlorofluoromethane	1.90	101	819236	158.818	ug/l 100
8) Diethyl Ether	2.17	74	333281	196.592	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	441460	164.879	ug/l 98
10) 1,1-Dichloroethene	2.35	96	478914	180.522	ug/l 100
11) Methyl Iodide	2.49	142	641624	216.096	ug/l 94
12) Methyl Acetate	2.75	43	477446	144.041	ug/l 94
13) Acrolein	2.28	56	486395	1506.596	ug/l 99
14) Acrylonitrile	3.12	53	1096087	727.170	ug/l 99
15) Acetone	2.42	58	324549	746.299	ug/l 100
16) Carbon Disulfide	2.54	76	1171823	157.059	ug/l 99
17) Allyl chloride	2.70	41	615896	137.399	ug/l 98
18) Methylene Chloride	2.83	84	465084	154.245	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	484655	167.415	ug/l 98
20) Diisopropyl ether	3.83	45	1164470	133.299	ug/l # 83
21) 1,1-Dichloroethane	3.67	63	789143	152.713	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	557406	174.253	ug/l 97
23) tert-Butyl Alcohol	3.03	59	572061	824.048	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	1325574	146.689	ug/l 99
25) Chloroform	5.18	83	837130	151.886	ug/l 95
26) Cyclohexane	5.54	56	626827	149.142	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	634699	148.162	ug/l 99
30) 2-Butanone	4.64	43	1571796	684.061	ug/l 99
31) 2,2-Dichloropropane	4.55	77	740273	143.868	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	769241	139.674	ug/l 99
33) Carbon Tetrachloride	5.75	117	712575	139.453	ug/l 96
34) Benzene	6.11	78	1885285	153.961	ug/l 99
35) Methacrylonitrile	5.01	41	337249	138.959	ug/l 98
36) 1,2-Dichloroethane	6.17	62	623285	127.276	ug/l 99
37) Trichloroethene	7.19	130	555575	155.516	ug/l 97
38) Methylcyclohexane	7.44	83	721432	154.799	ug/l 98
39) 1,2-Dichloropropane	7.49	63	460722	142.899	ug/l 96
40) Dibromomethane	7.63	93	339412	145.072	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.87	83	688388	142.039	ug/l	98
42) Vinyl Acetate	3.79	43	5769481	677.328	ug/l	100
43) Ethyl Acetate	4.80	43	634830	138.724	ug/l	99
44) Isopropyl Acetate	6.42	43	1039422	139.432	ug/l #	100
45) 1,4-Dioxane	7.72	88	221119	3355.642	ug/l	97
46) Methyl methacrylate	7.75	41	487367	133.074	ug/l	99
47) n-amyl Acetate	10.88	43	891287	135.374	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	785419	148.535	ug/l	98
49) cis-1,3-Dichloropropene	8.41	75	830559	149.703	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	477431	144.813	ug/l	98
51) Ethyl methacrylate	9.16	69	756773	155.105	ug/l	98
52) 1,3-Dichloropropane	9.35	76	787117	143.978	ug/l	100
53) Dibromochloromethane	9.57	129	580339	141.469	ug/l	100
54) 1,2-Dibromoethane	9.65	107	525266	144.622	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	1981784	780.534	ug/l	99
56) Bromoform	10.84	173	471051	150.825	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	3059307	731.884	ug/l	99
59) 2-Hexanone	9.48	43	2340492	733.944	ug/l	99
61) Tetrachloroethene	9.32	164	473994	154.362	ug/l	96
62) Toluene	8.77	91	2062962	163.906	ug/l	100
64) Chlorobenzene	10.12	112	1310297	161.693	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	511112	156.680	ug/l	99
66) Ethyl Benzene	10.24	91	2282948	162.674	ug/l	98
67) m/p-Xylenes	10.34	106	1808272	336.657	ug/l	100
68) o-Xylene	10.68	106	863080	168.964	ug/l	100
69) Styrene	10.70	104	1493497	168.824	ug/l	99
70) Isopropylbenzene	11.00	105	2252573	160.316	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	724474	160.775	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	653481m	151.311	ug/l	
73) Bromobenzene	11.24	156	605975	159.544	ug/l	98
74) n-propylbenzene	11.35	91	2573869	156.461	ug/l	99
75) 2-Chlorotoluene	11.40	91	1496764	151.687	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	1942573	159.807	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	291052	168.137	ug/l	100
78) 4-Chlorotoluene	11.49	91	1818882	154.929	ug/l	100
79) tert-butylbenzene	11.76	119	1949050	164.982	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	1933062	161.068	ug/l	100
81) sec-Butylbenzene	11.93	105	2239123	162.551	ug/l	99
82) p-Isopropyltoluene	12.05	119	2088533	162.496	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	1077638	159.892	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	1092752	162.093	ug/l	100
85) n-Butylbenzene	12.37	91	1920871	169.342	ug/l	99
86) Hexachloroethane	12.58	117	366723	148.721	ug/l	94
87) 1,2-Dichlorobenzene	12.38	146	1070491	168.257	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	176598	153.087	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	812166	185.931	ug/l	99
90) Hexachlorobutadiene	13.77	225	331161	181.490	ug/l	96
91) Naphthalene	13.82	128	2533729	183.578	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	772985	179.039	ug/l	98

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

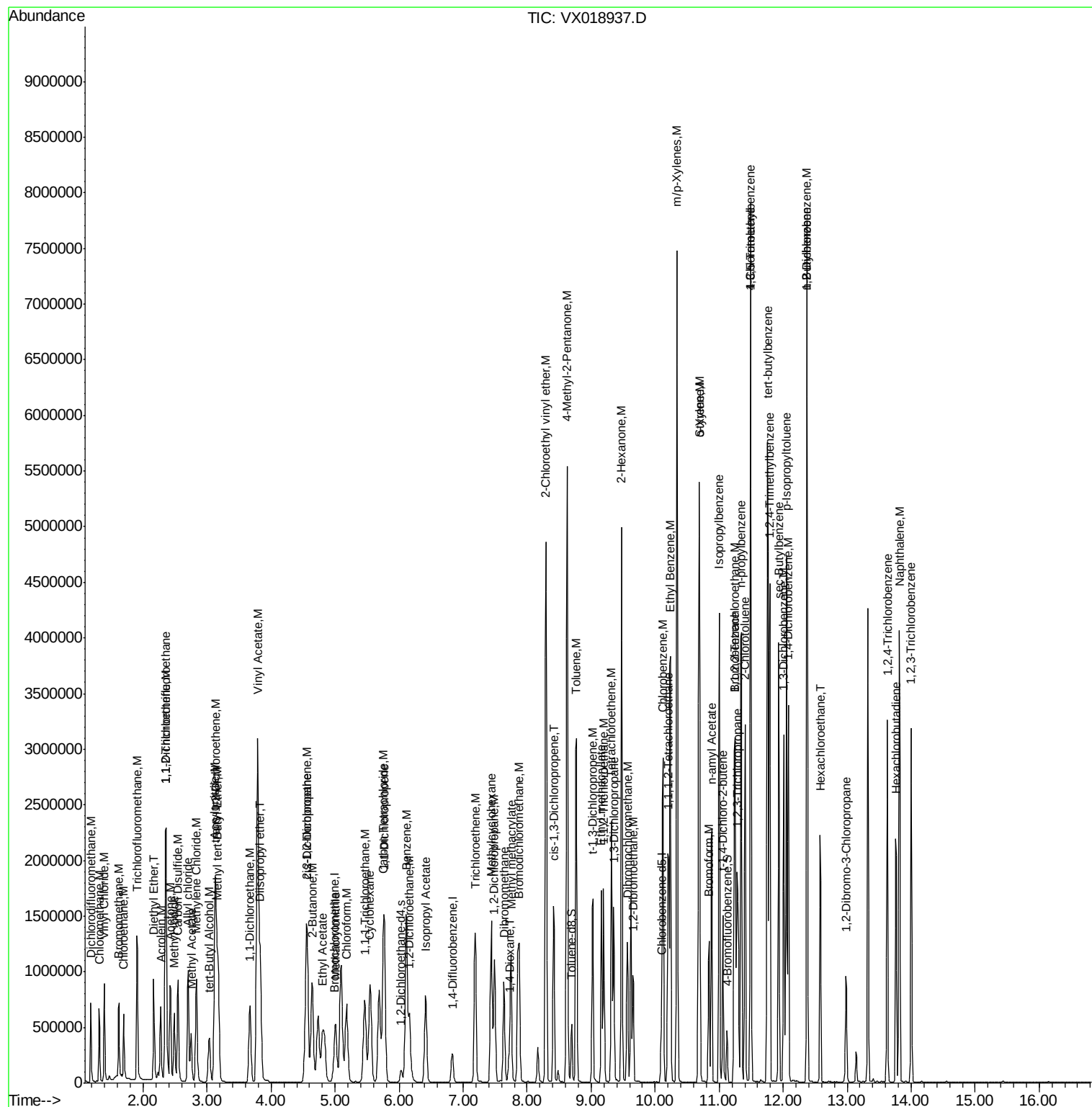
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Data File : VX018937.D
Acq On : 15 Oct 2020 15:10
Operator : JC/SP
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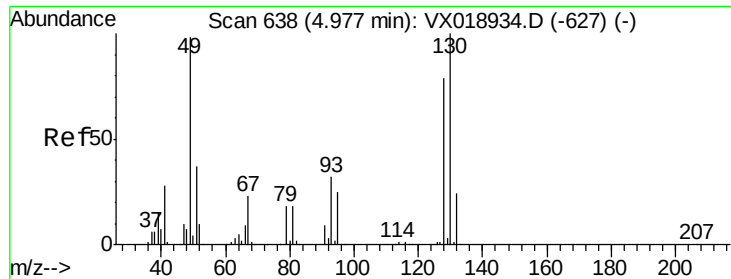
Instrument :
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 51249

Ion Ratio Lower Upper

128 100

49 137.3 0.0 330.5

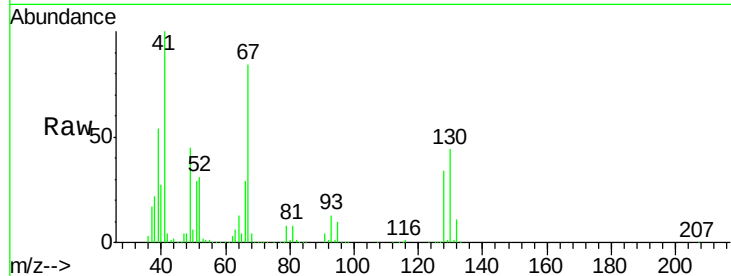
130 129.8 0.0 323.8

Manual Integrations

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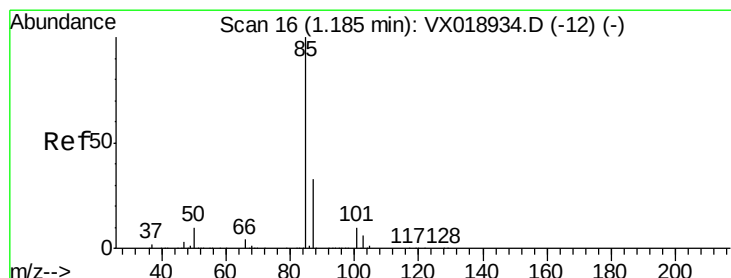
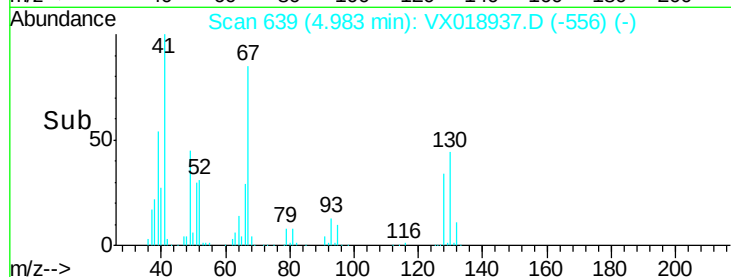
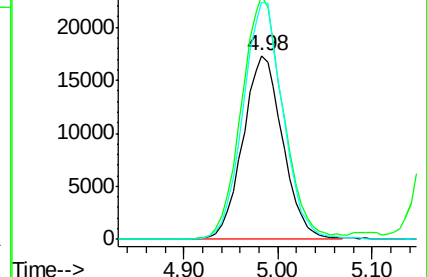
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 146.989 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018937.D

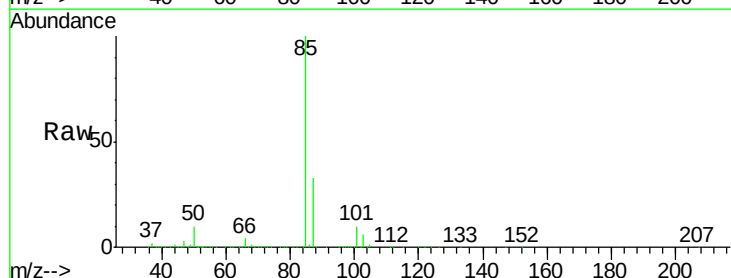
Acq: 15 Oct 2020 15:10

Tgt Ion: 85 Resp: 389051

Ion Ratio Lower Upper

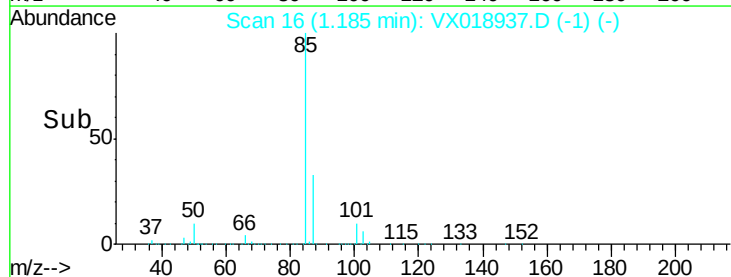
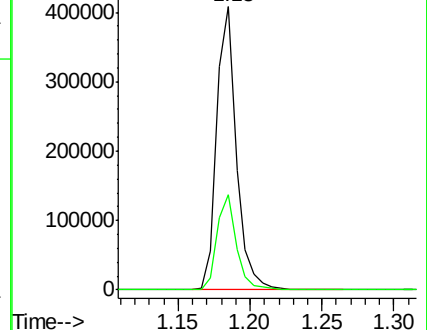
85 100

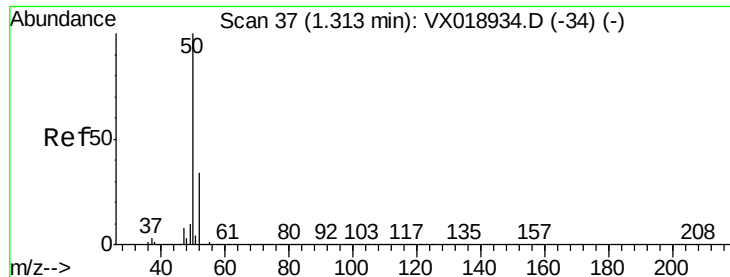
87 33.5 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 139.592 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 403366

Ion Ratio Lower Upper

50 100

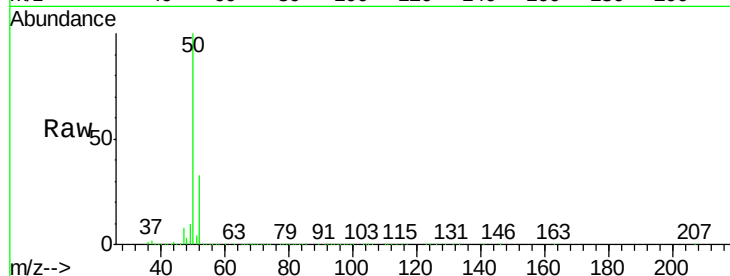
52 33.2 27.0 40.4

Manual Integrations

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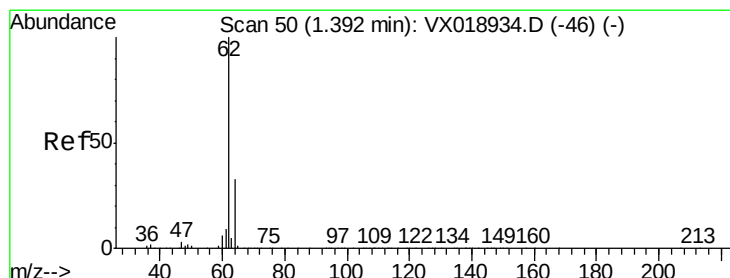
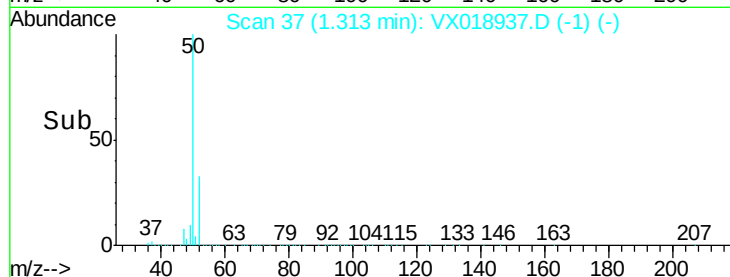
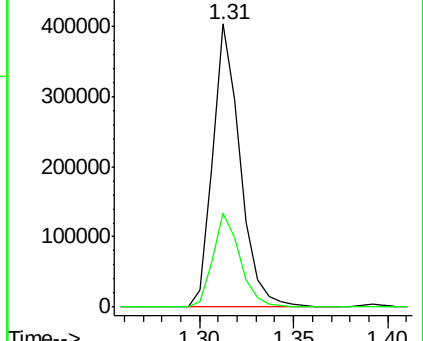
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 165.598 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018937.D

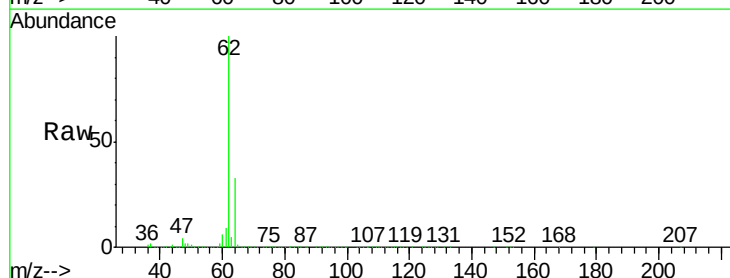
Acq: 15 Oct 2020 15:10

Tgt Ion: 62 Resp: 511554

Ion Ratio Lower Upper

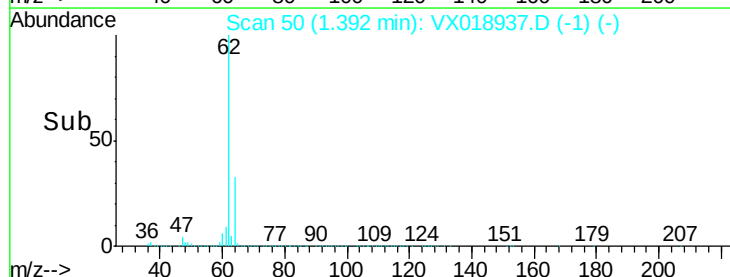
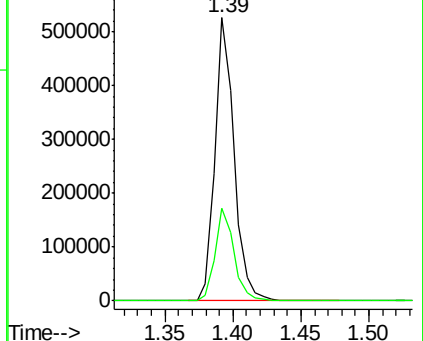
62 100

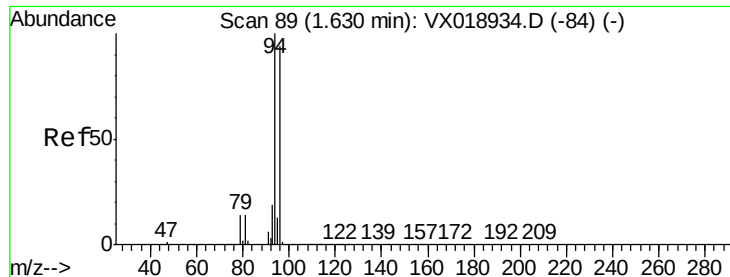
64 32.9 26.1 39.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 118.275 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

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MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 242850

Ion Ratio Lower Upper

94 100

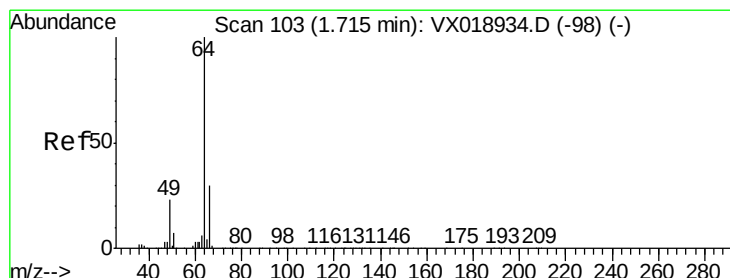
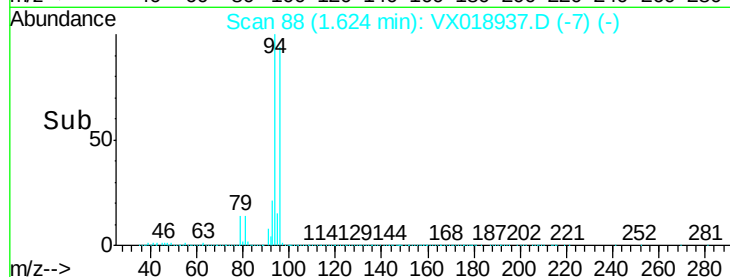
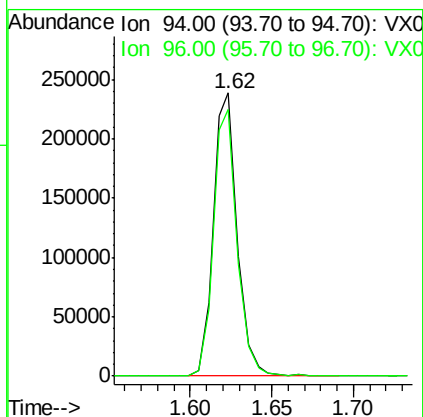
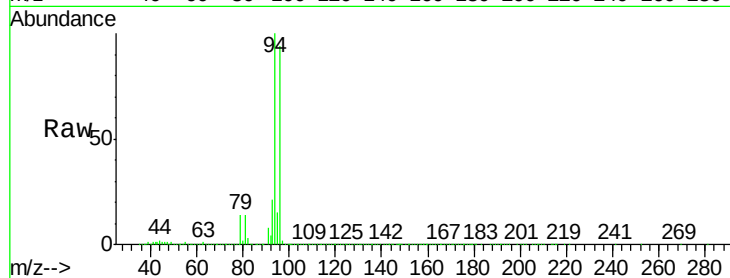
96 94.3 75.9 113.9

Manual Integrations

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#6

Chloroethane

Concen: 187.661 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.02 min

Lab File: VX018937.D

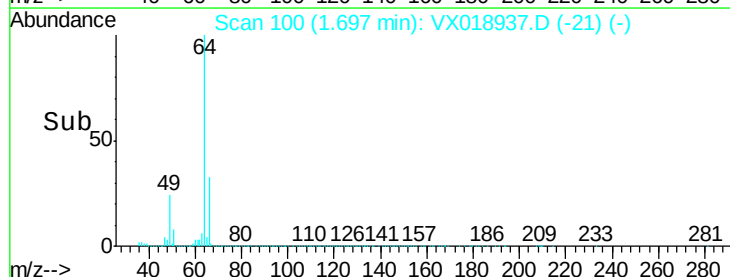
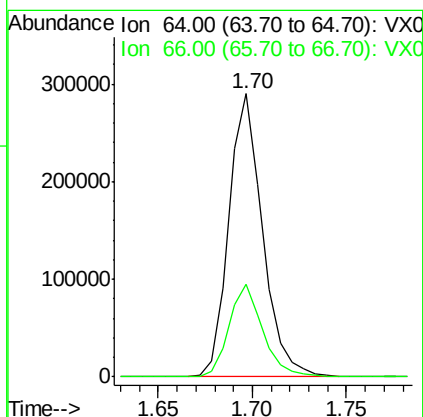
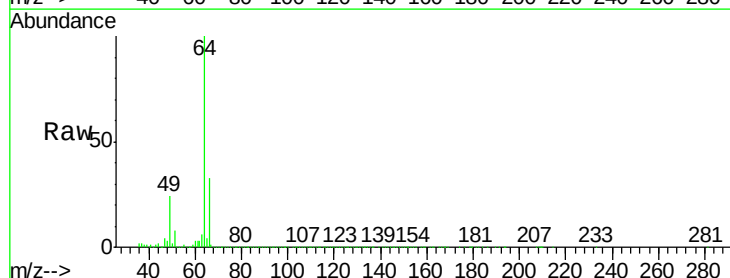
Acq: 15 Oct 2020 15:10

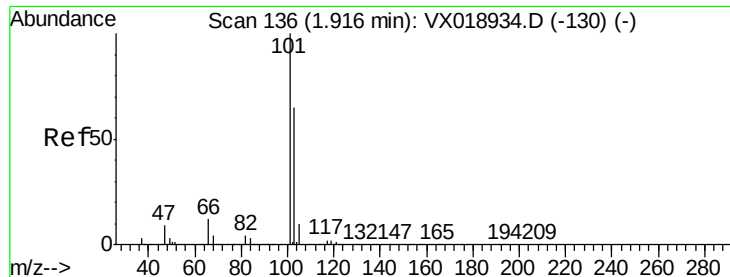
Tgt Ion: 64 Resp: 358293

Ion Ratio Lower Upper

64 100

66 32.6 24.5 36.7





#7

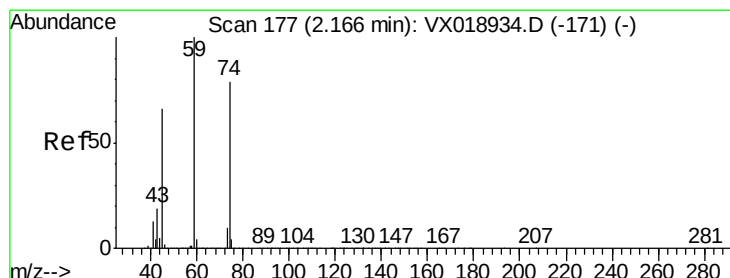
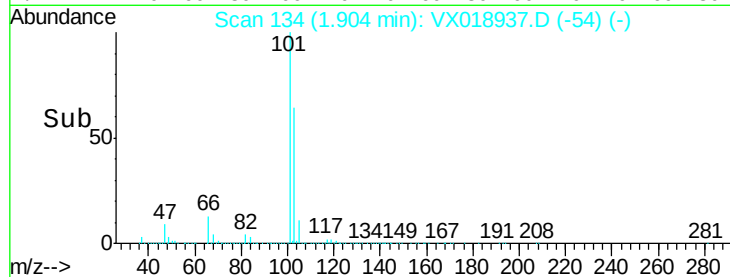
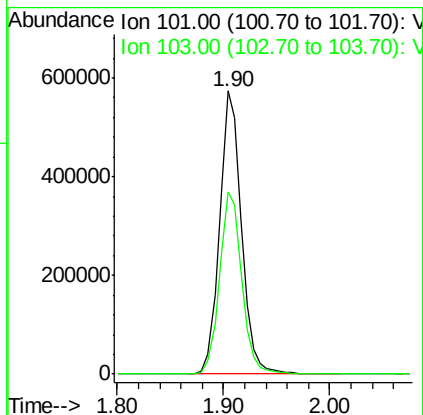
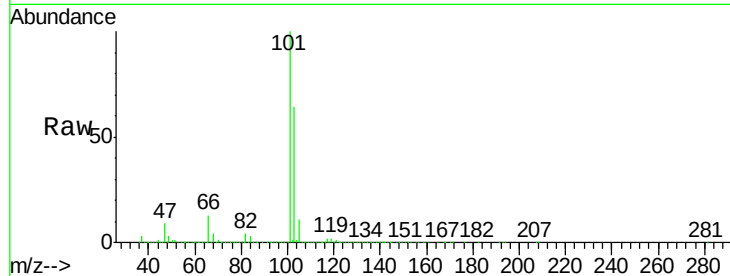
Trichlorofluoromethane
Concen: 158.818 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.8	77.6

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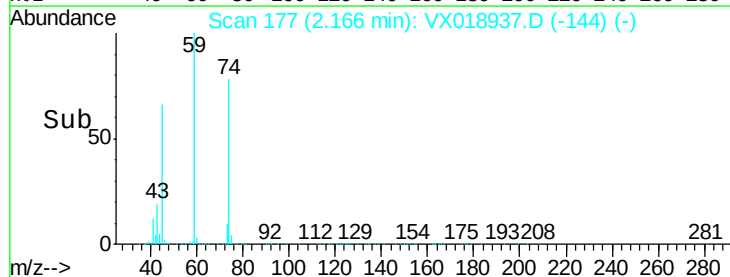
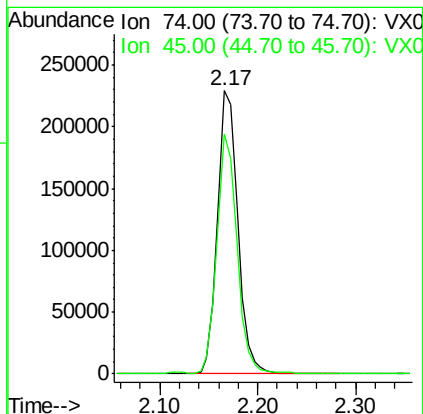
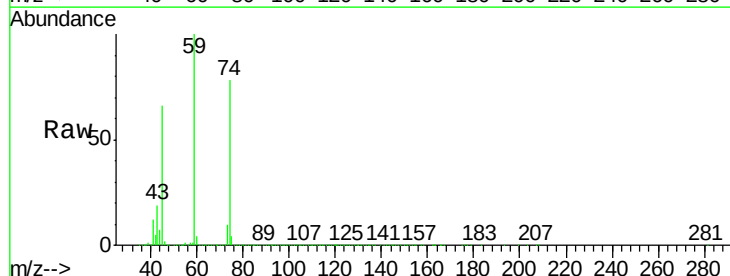
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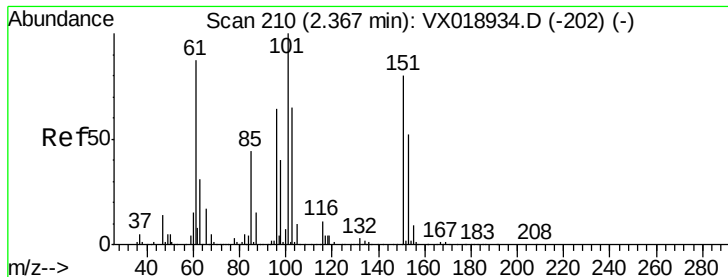


#8

Diethyl Ether
Concen: 196.592 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018937.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.3	16.6	149.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 164.879 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

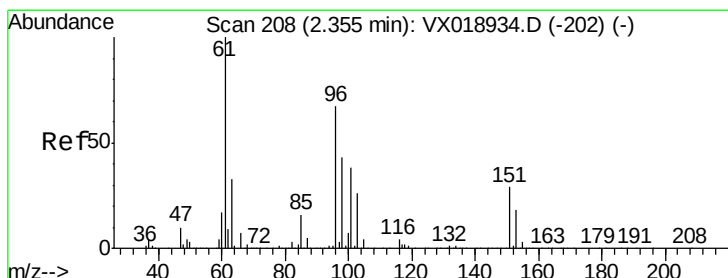
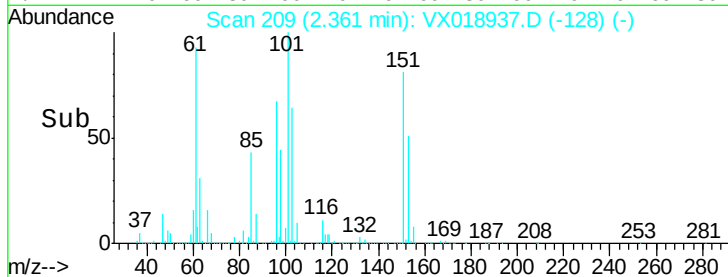
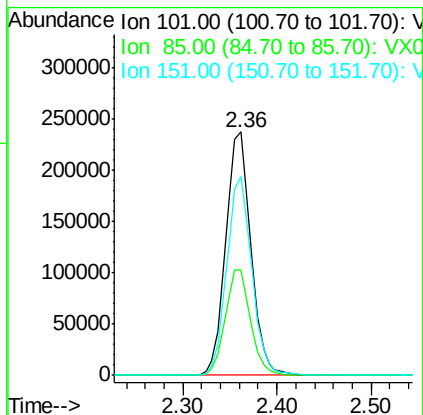
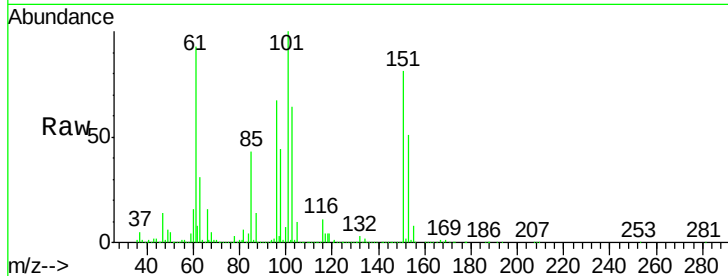
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	441460
Ion Ratio	Lower	Upper	
101	100		
85	43.1	0.0	85.4
151	81.3	0.0	157.6

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#10

1,1-Dichloroethene

Concen: 180.522 ug/l

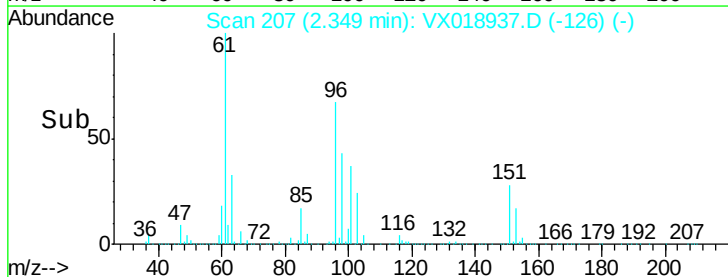
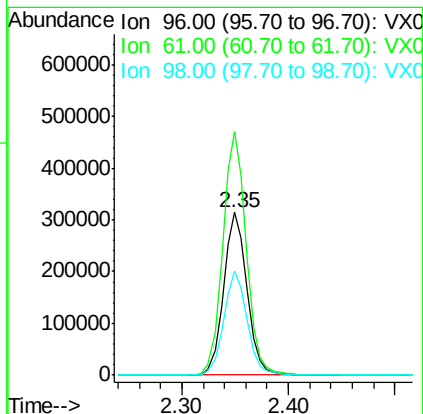
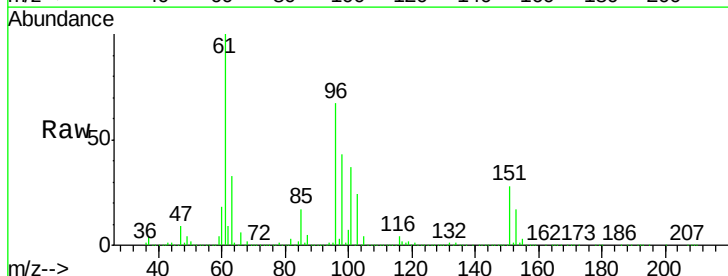
RT: 2.35 min Scan# 207

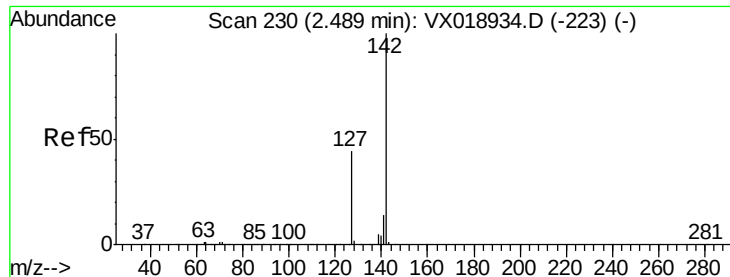
Delta R.T. -0.01 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Tgt Ion:	96	Resp:	478914
Ion Ratio	Lower	Upper	
96	100		
61	149.9	120.2	180.4
98	64.0	51.4	77.0





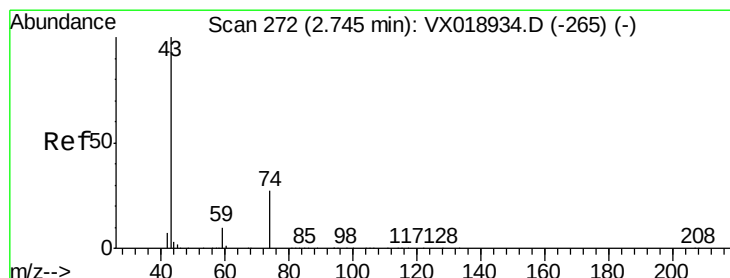
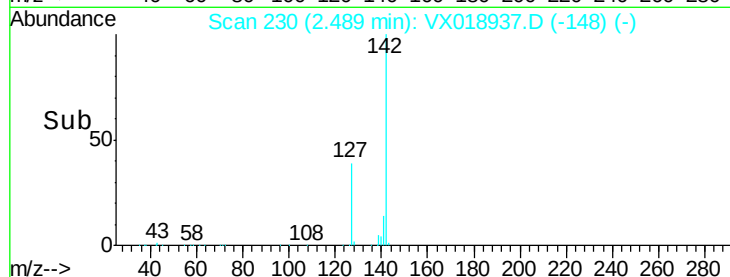
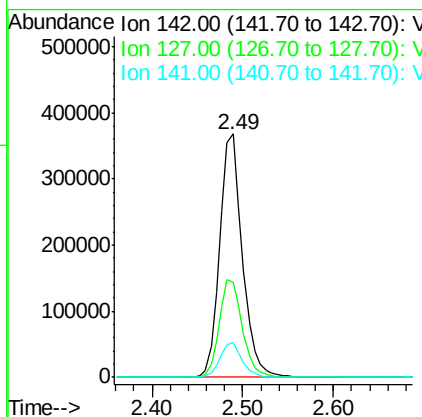
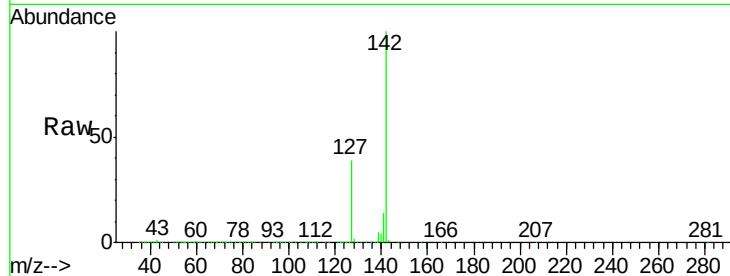
#11
Methvl Iodide
Concen: 216.096 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.2	22.1	66.1
141	14.1	7.0	21.1

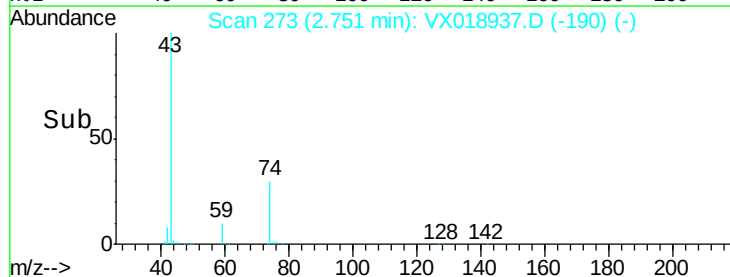
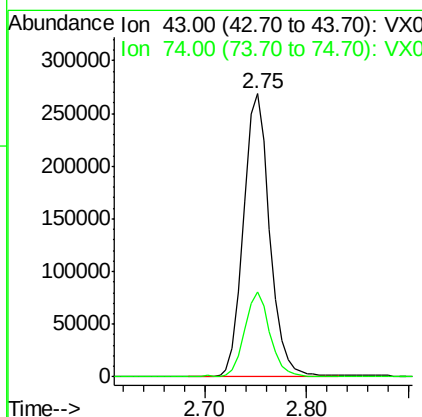
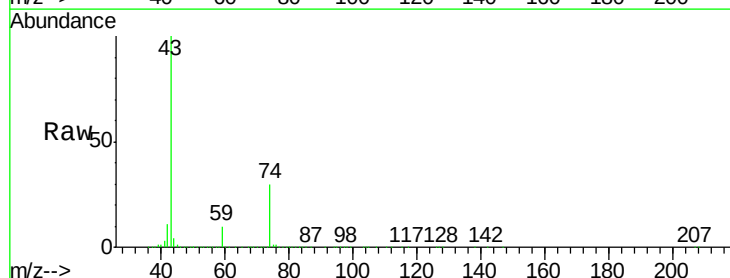
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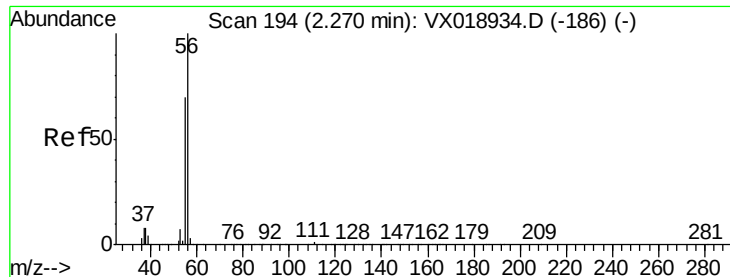
apatel
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#12
Methyl Acetate
Concen: 144.041 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.9	21.6	32.4





#13

Acrolein

Concen: 1506.596 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 56 Resp: 486395

Ion Ratio Lower Upper

56 100

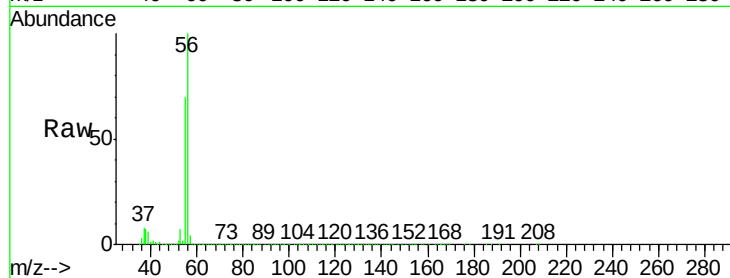
55 70.2 57.1 85.7

Manual Integrations

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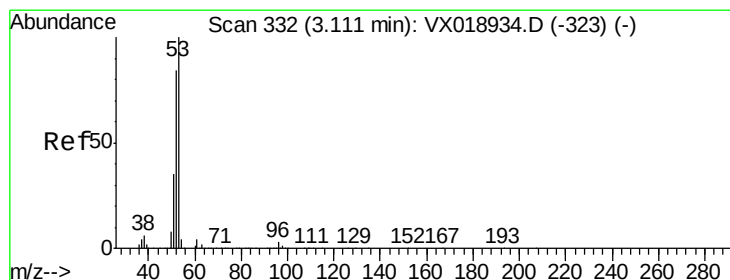
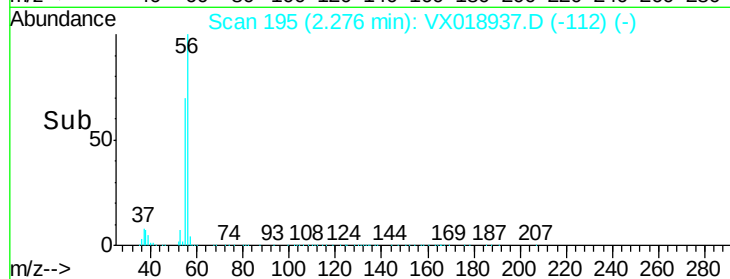
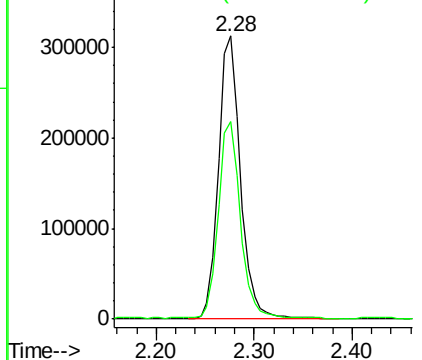
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 727.170 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

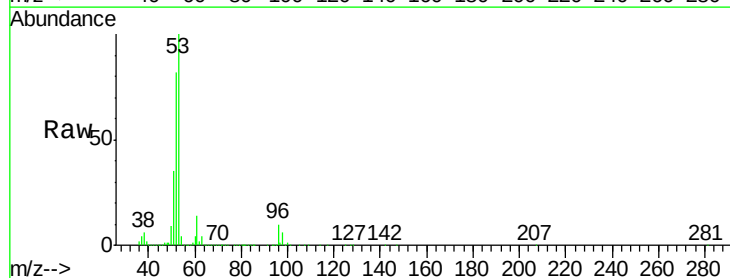
Tgt Ion: 53 Resp: 1096087

Ion Ratio Lower Upper

53 100

52 81.9 40.3 120.8

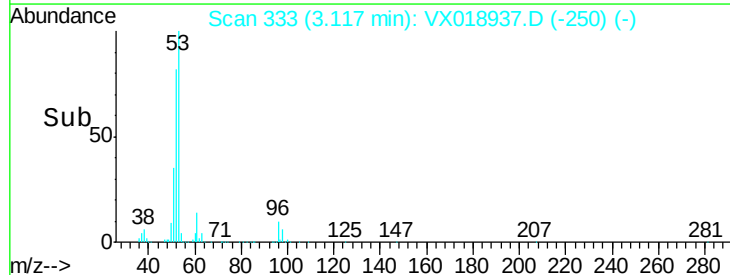
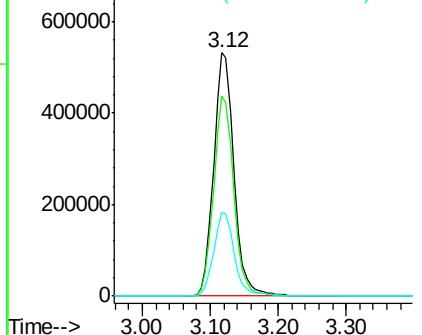
51 35.0 17.6 52.8

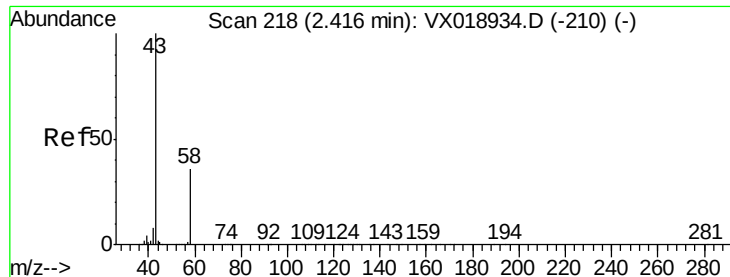


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 746.299 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 58 Resp: 324549

Ion Ratio Lower Upper

58 100

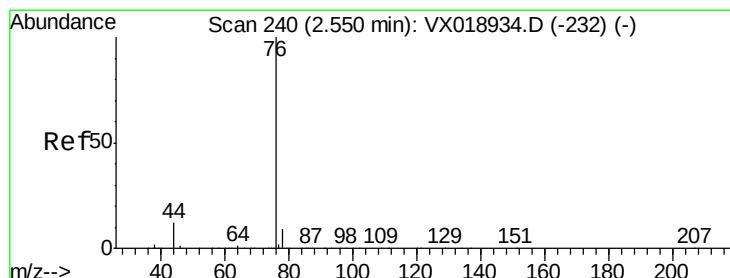
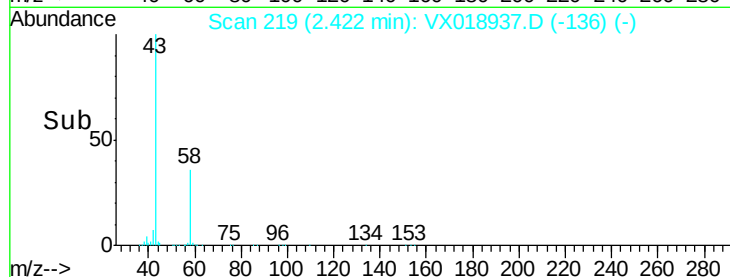
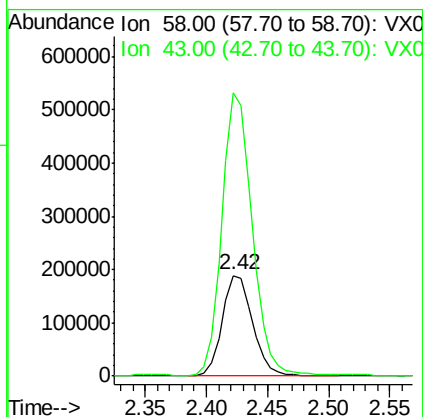
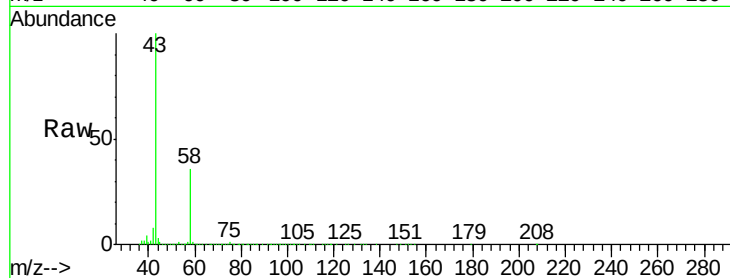
43 280.1 223.8 335.8

Manual Integrations

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#16

Carbon Disulfide

Concen: 157.059 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018937.D

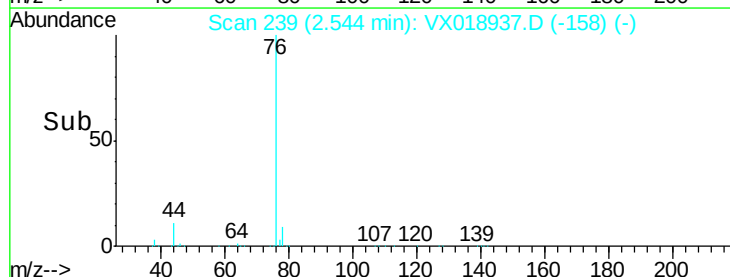
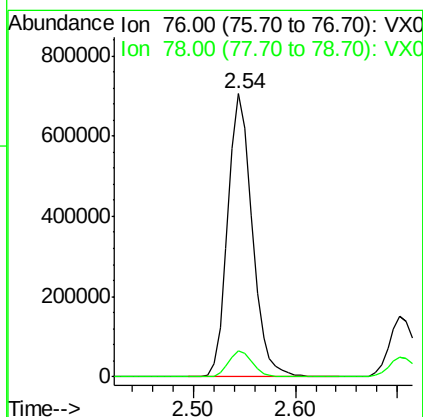
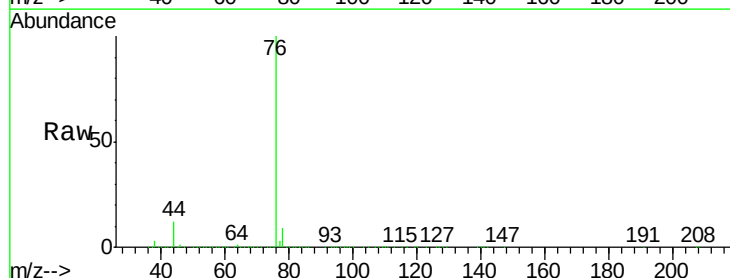
Acq: 15 Oct 2020 15:10

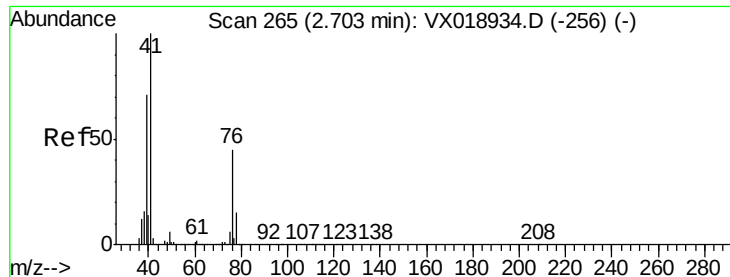
Tgt Ion: 76 Resp: 1171823

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2





#17

Allvl chloride

Concen: 137.399 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

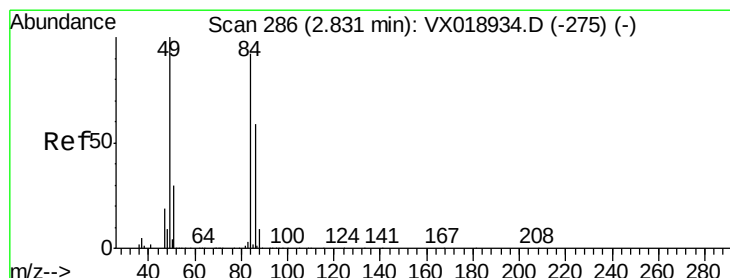
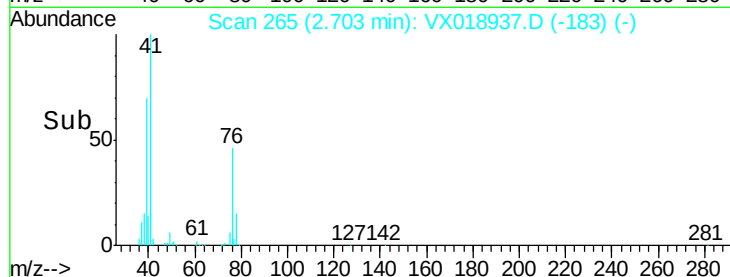
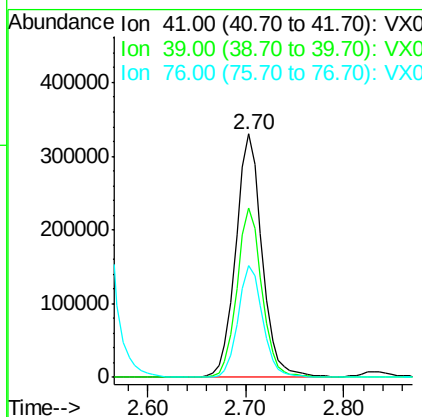
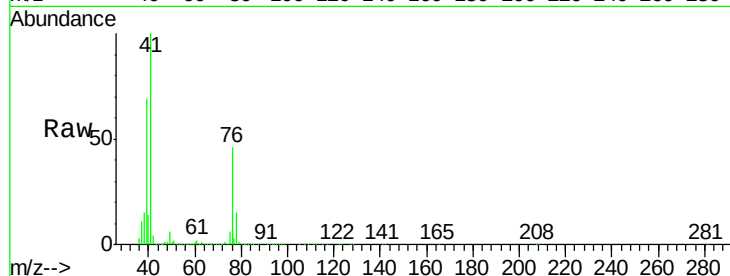
ClientSampleId :

VSTDICC150

Tot Ion:	41	Resp:	615896
Ion	Ratio	Lower	Upper
41	100		
39	69.5	35.4	106.3
76	45.6	22.4	67.2

Manual Integrations
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#18

Methylene Chloride

Concen: 154.245 ug/l

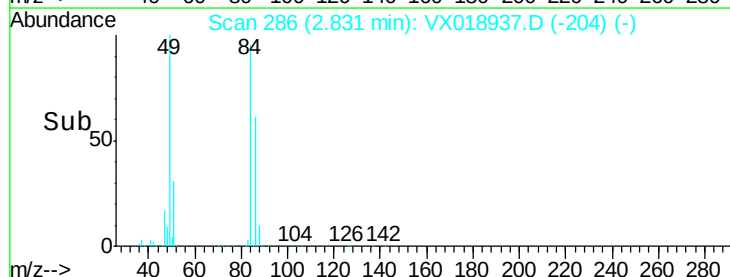
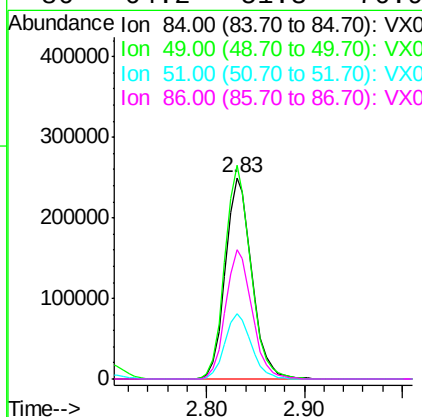
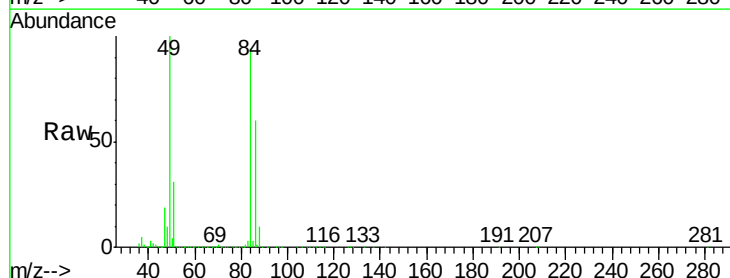
RT: 2.83 min Scan# 286

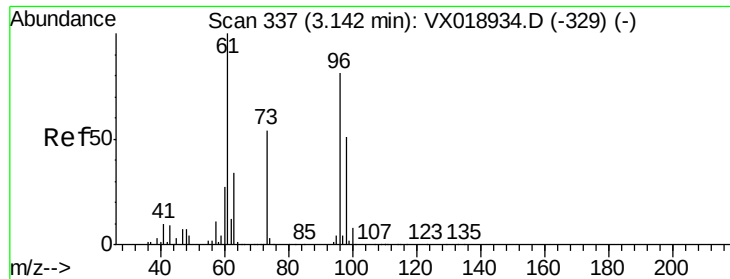
Delta R.T. -0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Tgt Ion:	84	Resp:	465084
Ion	Ratio	Lower	Upper
84	100		
49	106.2	87.2	130.8
51	32.7	25.9	38.9
86	64.2	51.3	76.9





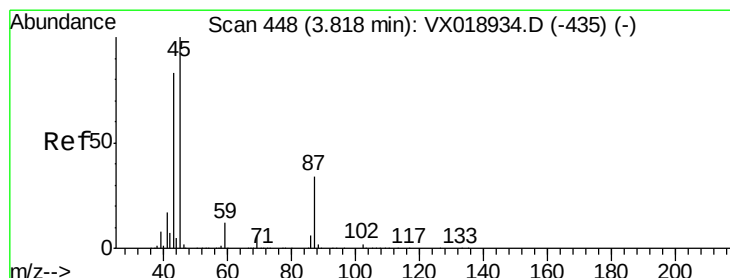
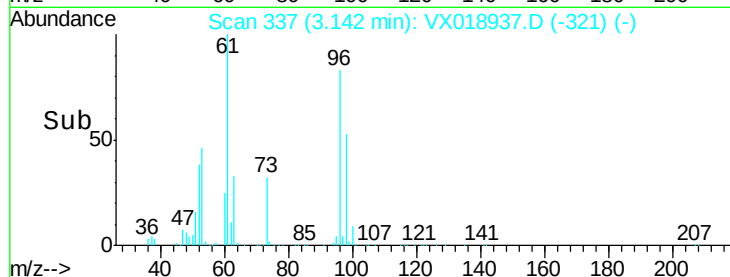
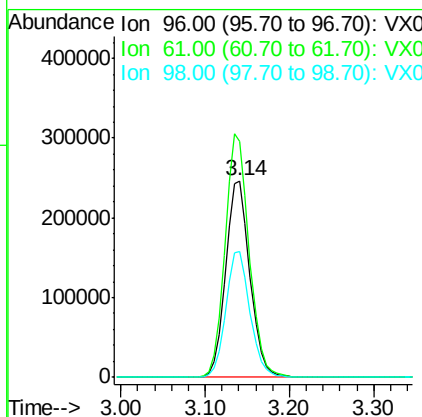
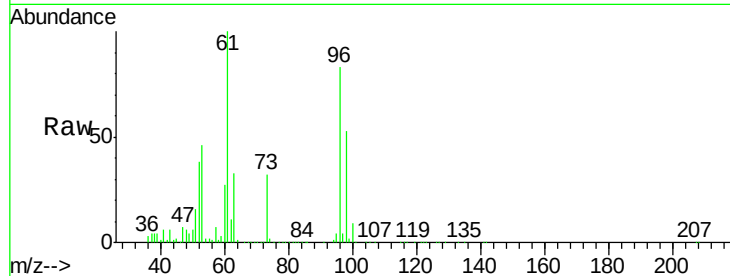
#19
trans-1,2-Dichloroethene
Concen: 167.415 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.3	98.6	147.8
98	63.9	50.3	75.5

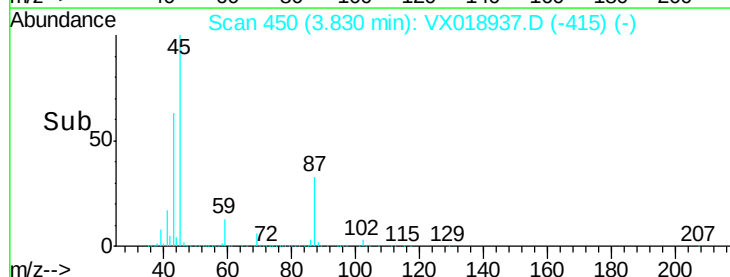
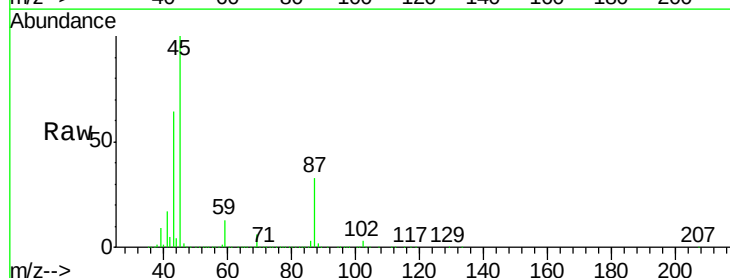
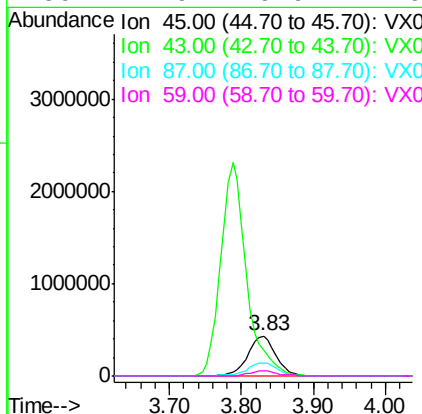
Manual Integrations
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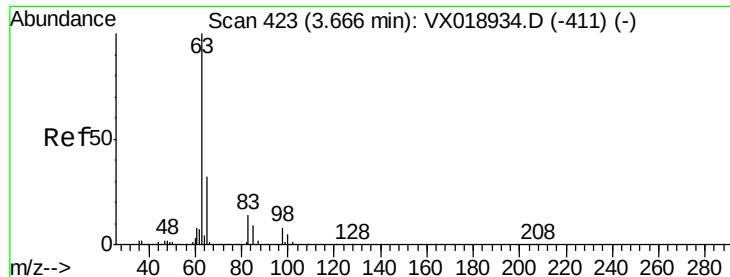
apatel
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#20
Diisopropyl ether
Concen: 133.299 ug/l
RT: 3.83 min Scan# 450
Delta R.T. 0.01 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.4	69.7	104.5#
87	33.4	26.9	40.3
59	12.9	9.9	14.9





#21

1,1-Dichloroethane

Concen: 152.713 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

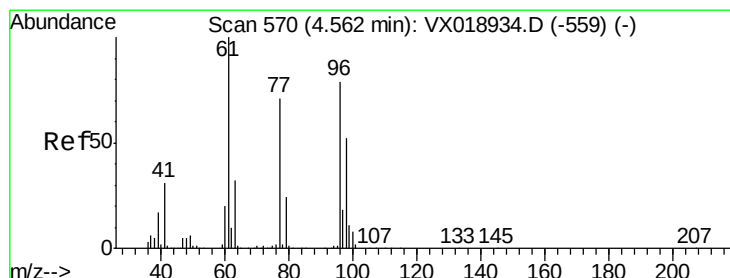
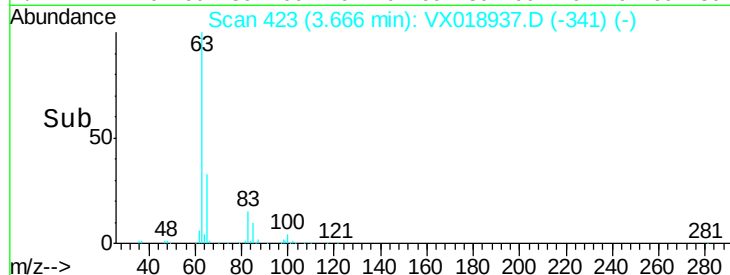
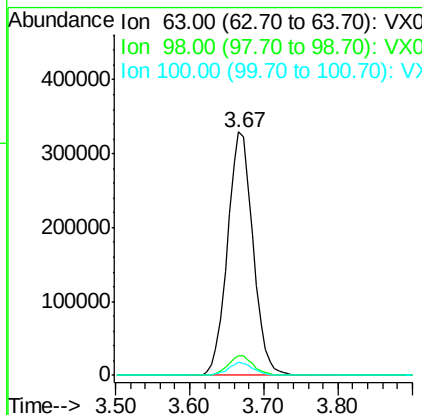
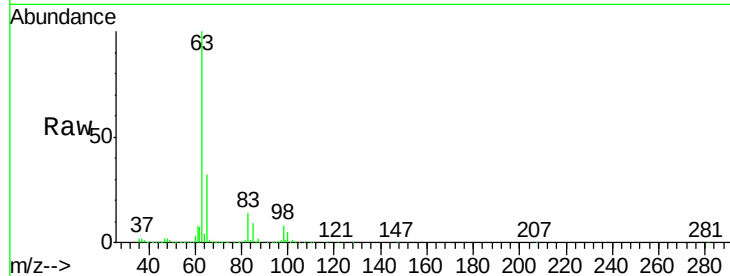
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	8.1	4.0	11.9
100	5.2	2.5	7.6

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#22

cis-1,2-Dichloroethene

Concen: 174.253 ug/l

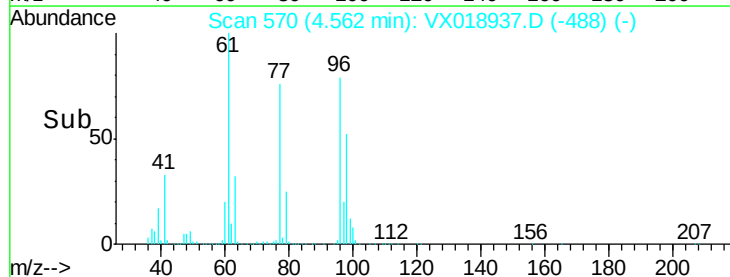
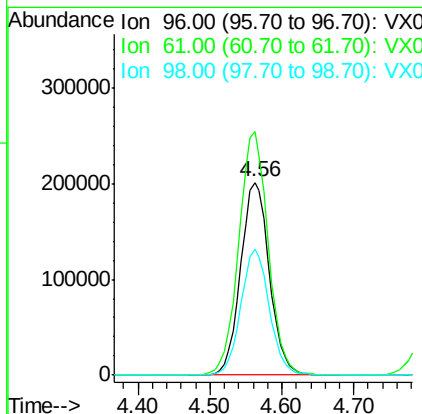
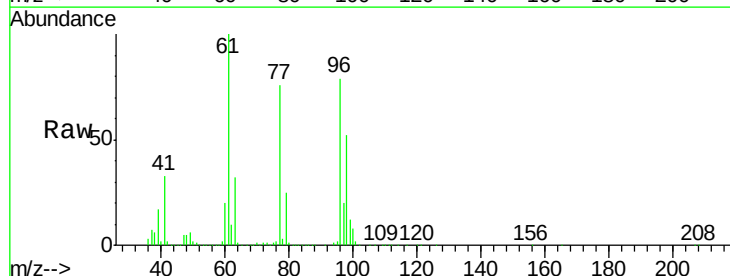
RT: 4.56 min Scan# 570

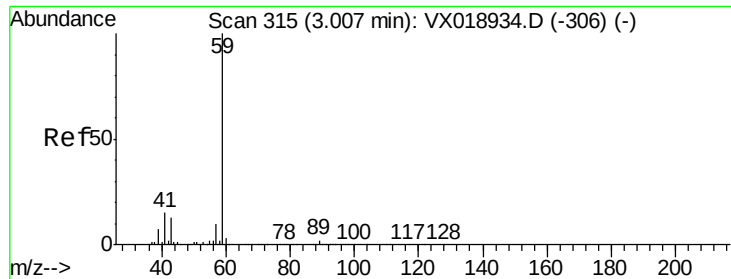
Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	129.2	107.7	161.5
98	64.5	51.9	77.9





#23

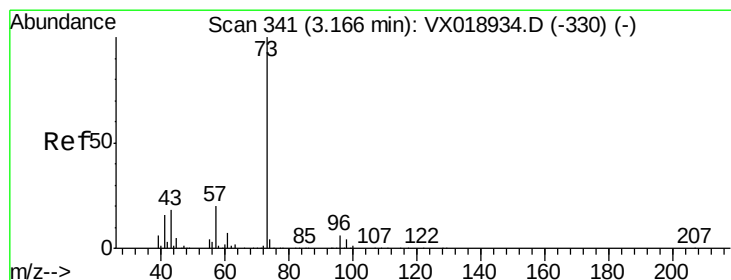
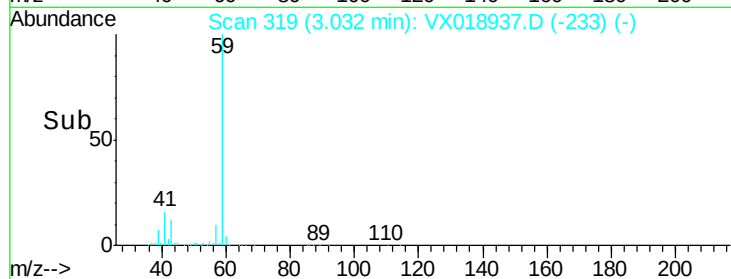
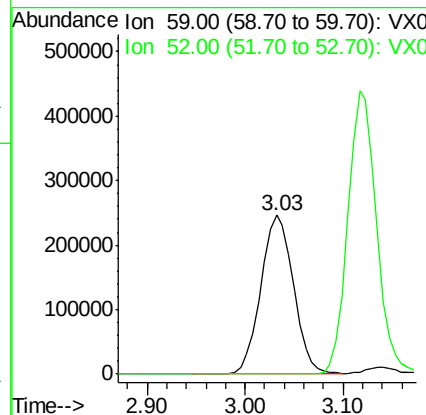
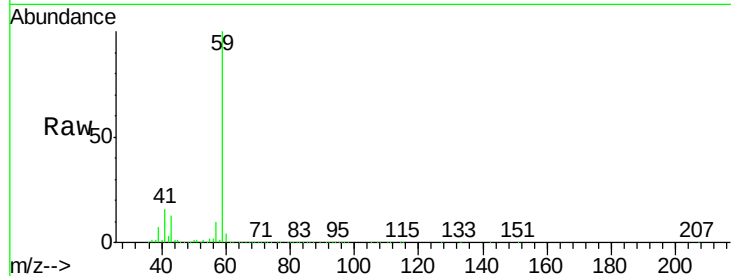
tert-Butyl Alcohol
Concen: 824.048 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.2	0.2#

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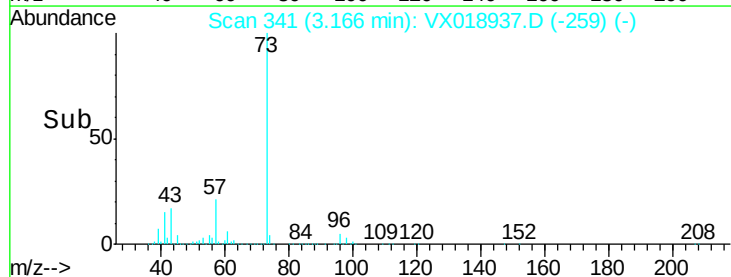
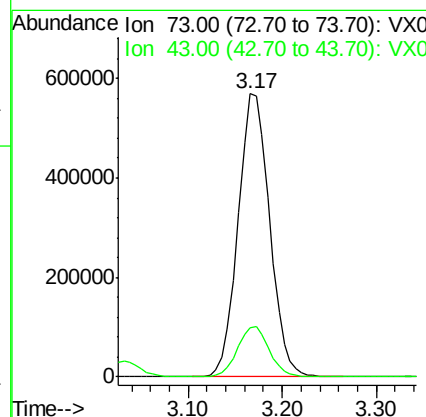
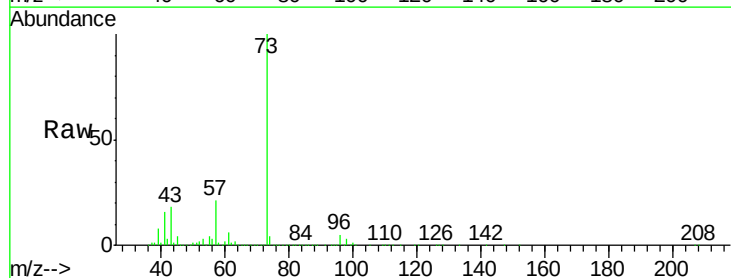
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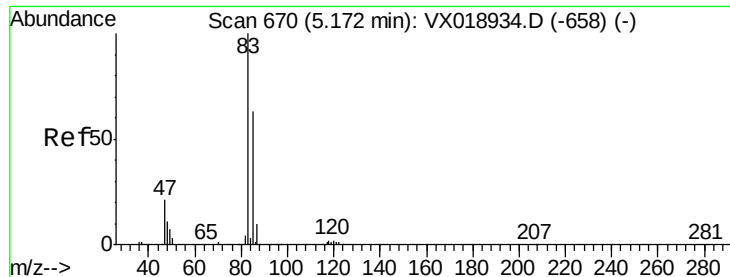


#24

Methyl tert-Butyl Ether
Concen: 146.689 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion	Ratio	Lower	Upper
73	100		
43	17.6	13.8	20.8





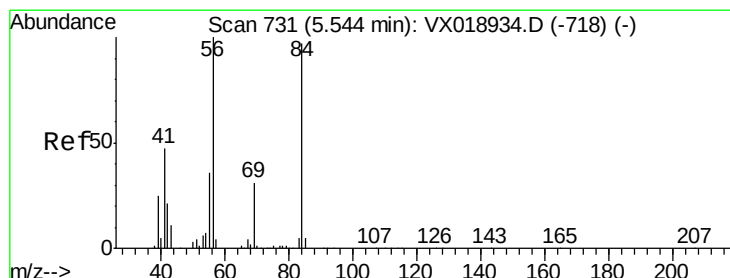
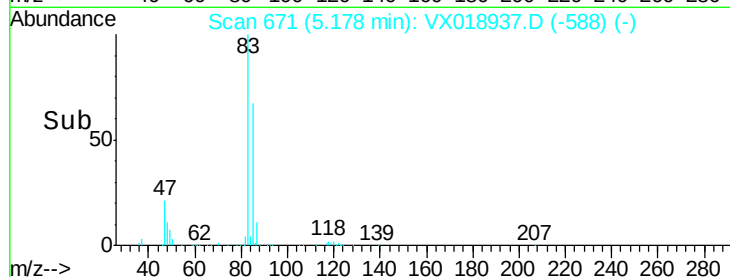
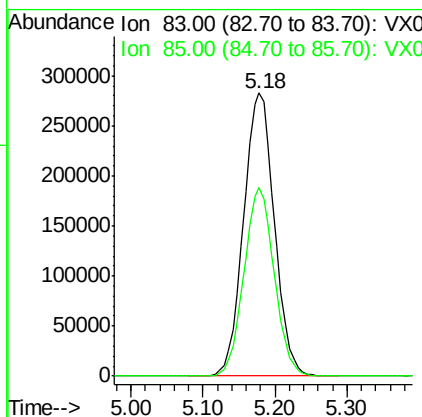
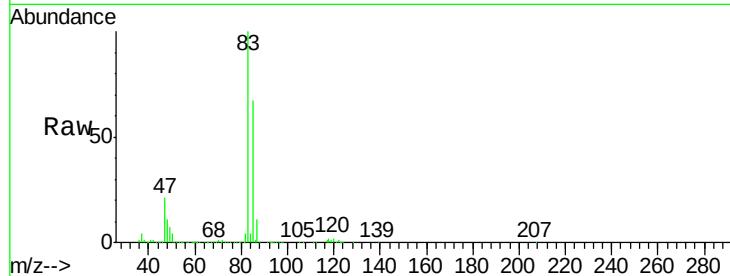
#25
Chloroform
Concen: 151.886 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	837130
Ion Ratio	100	Lower	Upper
85	66.7	50.3	75.5

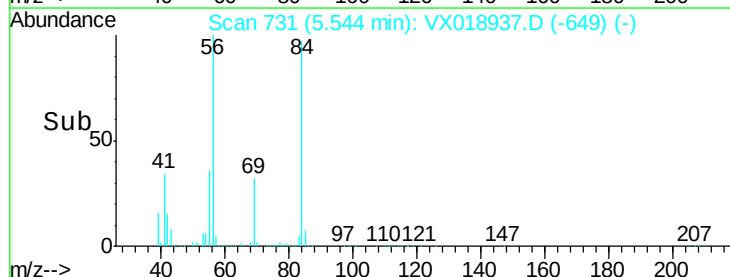
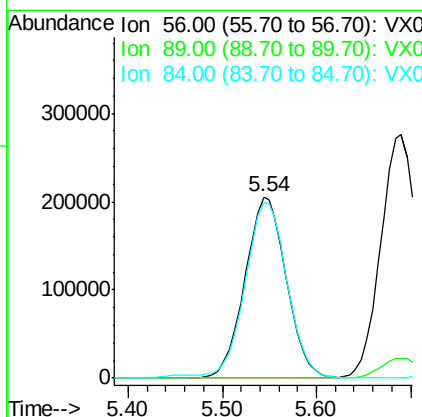
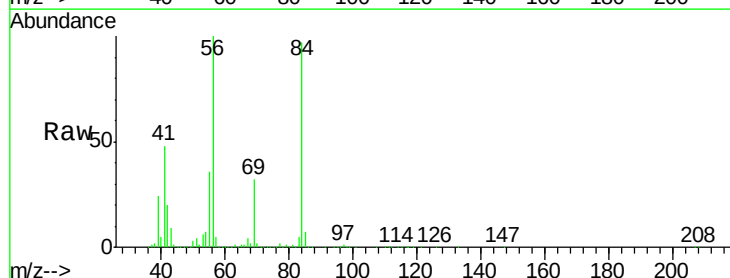
Manual Integrations
APPROVED

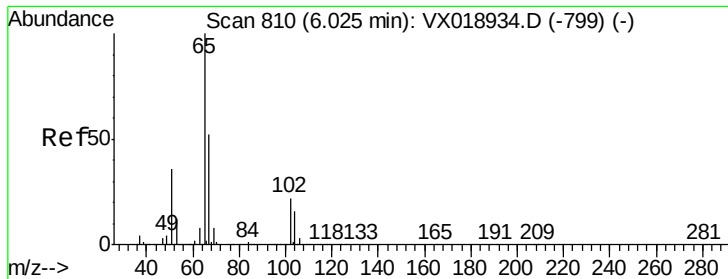
apatel
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#26
Cyclohexane
Concen: 149.142 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion	56	Resp	626827
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	98.6	78.0	117.0





#27

1,2-Dichloroethane-d4

Concen: 24.875 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 96562

Ion Ratio Lower Upper

65 100

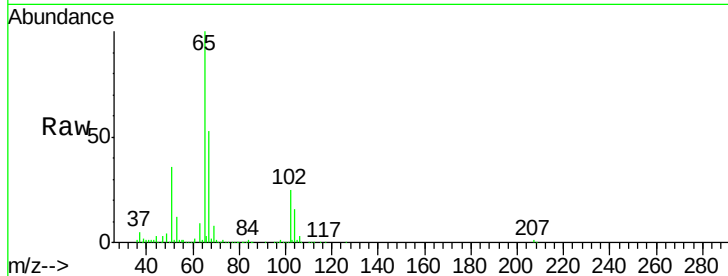
67 53.2 42.1 63.1

Manual Integrations

APPROVED

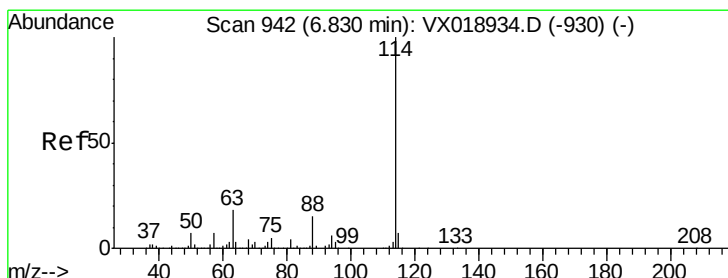
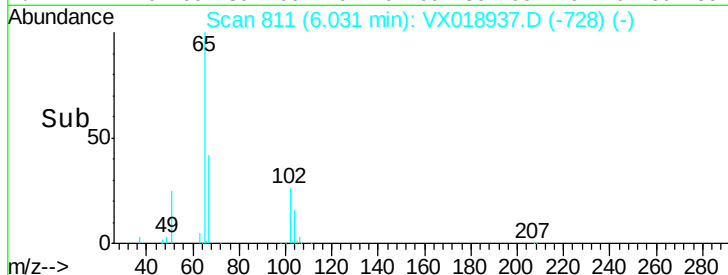
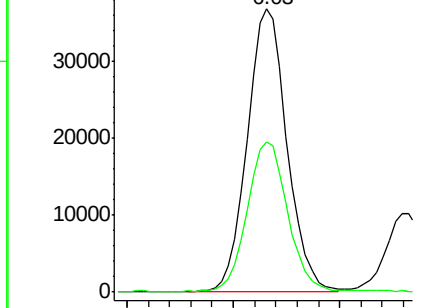
apatel

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

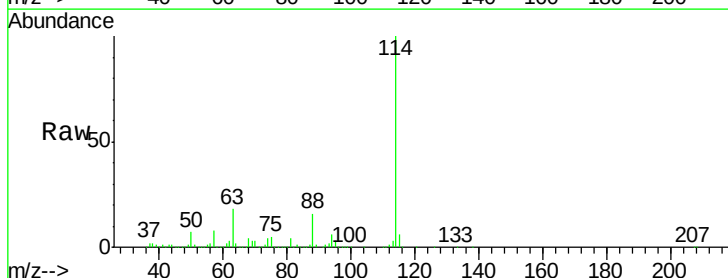
Tgt Ion: 114 Resp: 283334

Ion Ratio Lower Upper

114 100

63 18.0 14.6 21.8

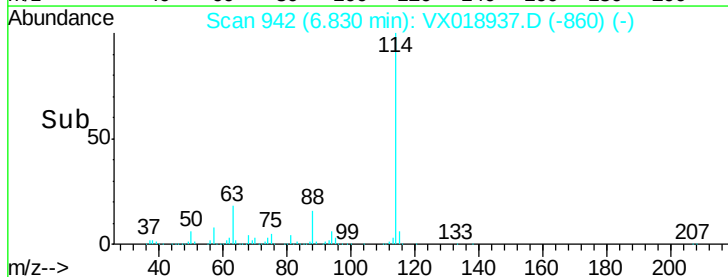
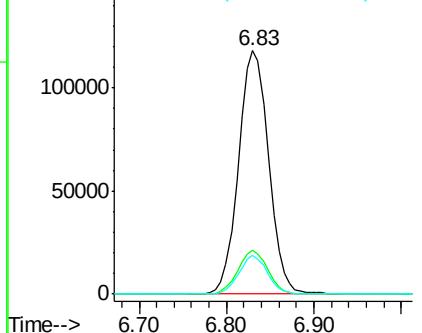
88 15.3 12.3 18.5

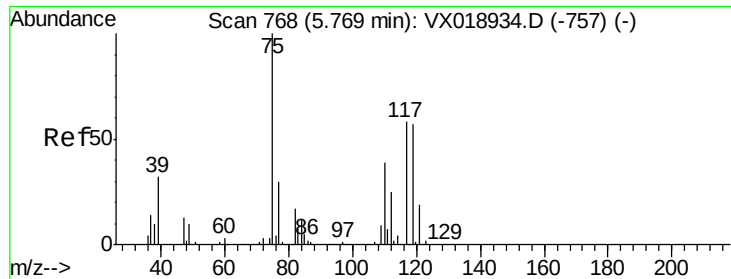


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





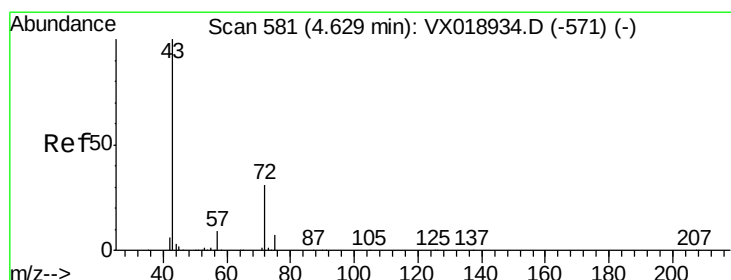
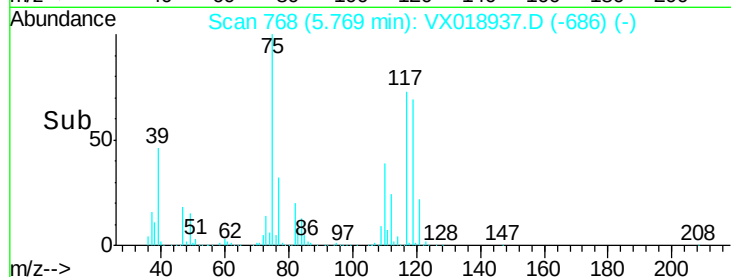
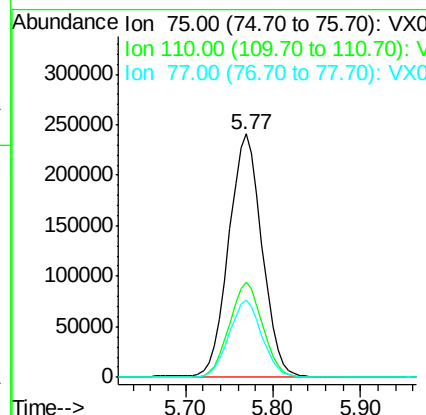
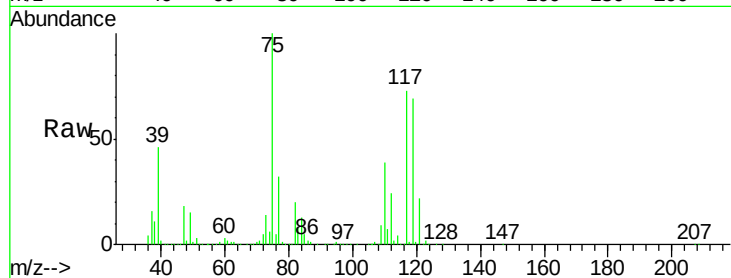
#29
 1,1-Dichloropropene
 Concen: 148.162 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018937.D
 Acq: 15 Oct 2020 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.9	0.0	79.2
77	31.2	0.0	62.6

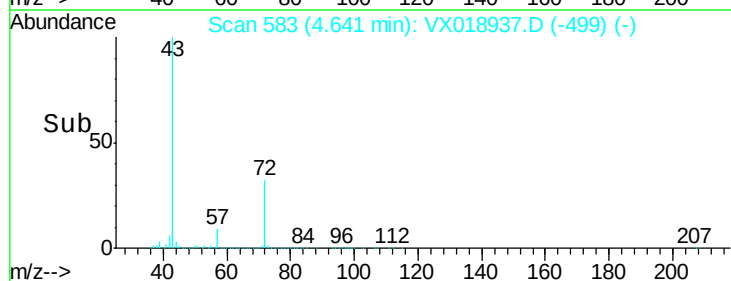
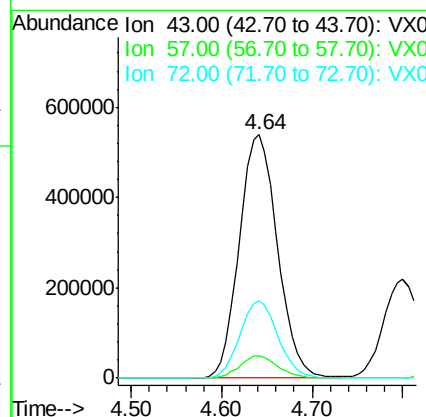
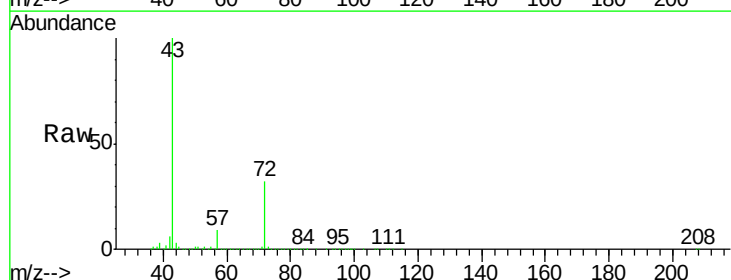
Manual Integrations
 APPROVED

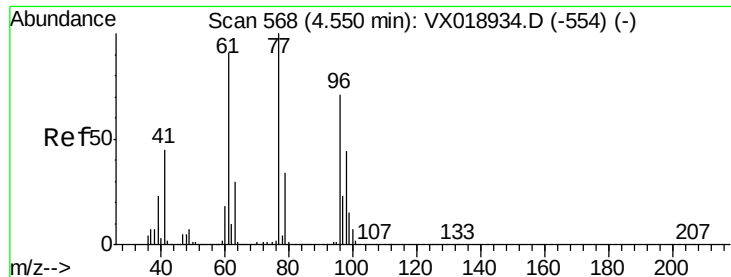
apatel
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#30
 2-Butanone
 Concen: 684.061 ug/l
 RT: 4.64 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: VX018937.D
 Acq: 15 Oct 2020 15:10

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.0	7.0	10.6
72	31.4	25.6	38.4





#31

2,2-Dichloropropane

Concen: 143.868 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 77 Resp: 740273

Ion Ratio Lower Upper

77 100

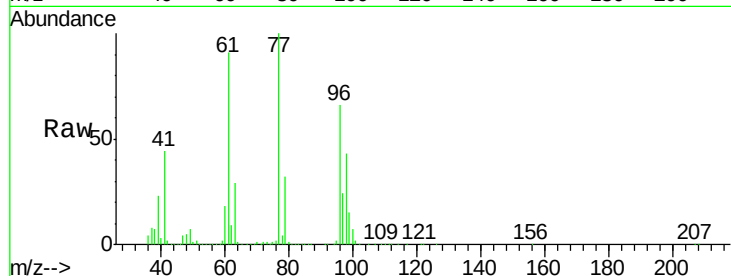
97 24.2 19.0 28.6

Manual Integrations

APPROVED

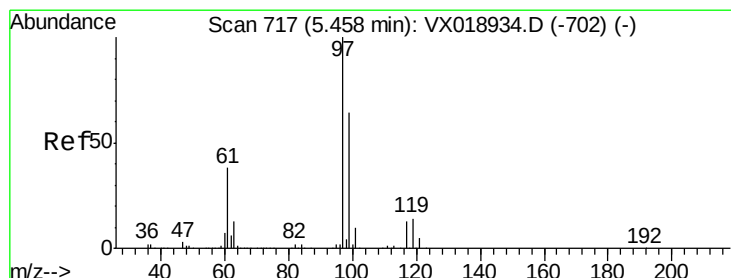
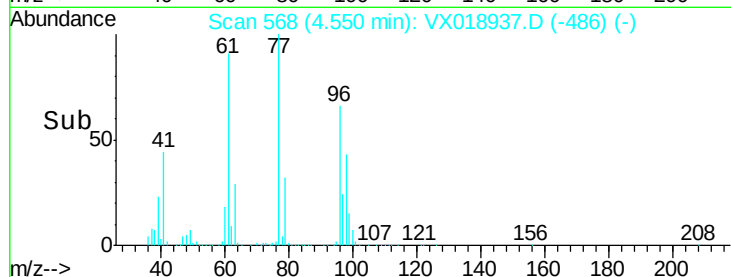
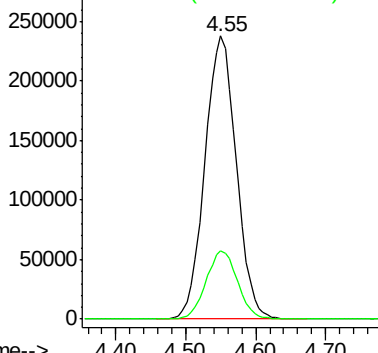
apatel

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Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 139.674 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

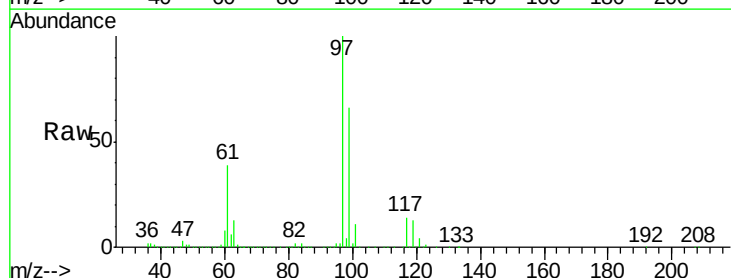
Tgt Ion: 97 Resp: 769241

Ion Ratio Lower Upper

97 100

99 64.6 52.6 78.8

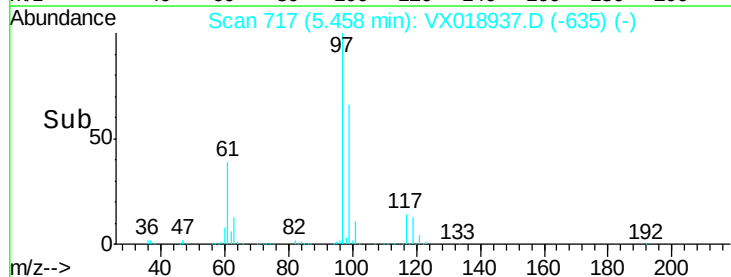
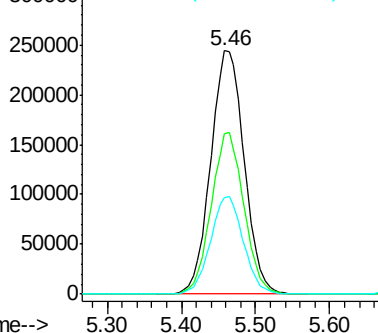
61 39.4 31.5 47.3

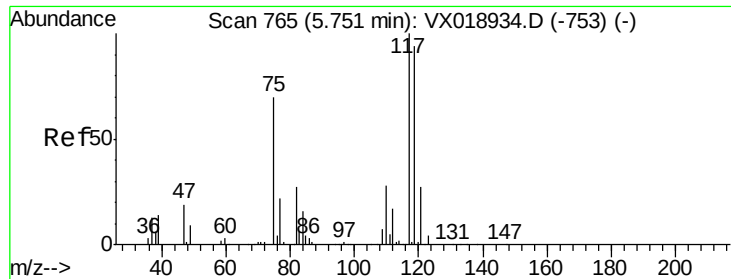


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





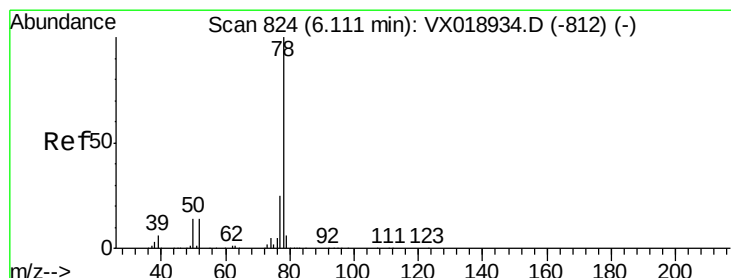
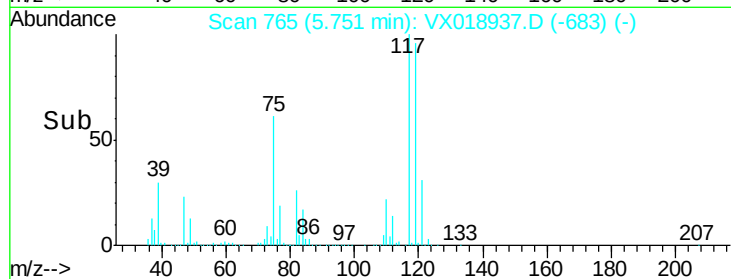
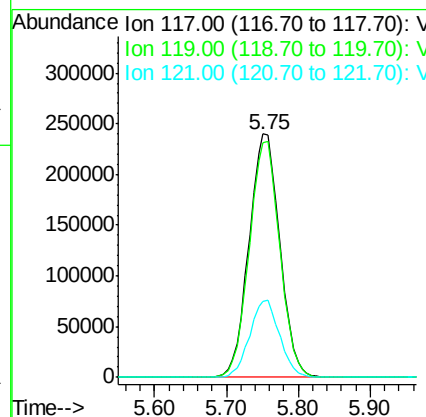
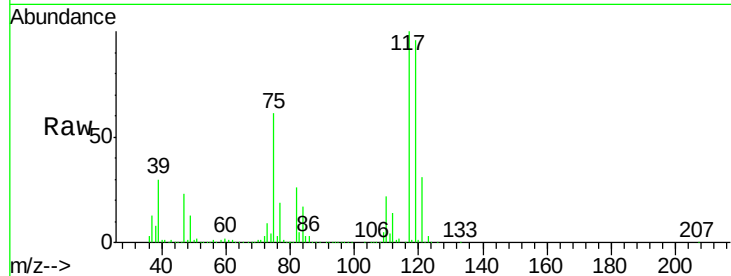
#33
Carbon Tetrachloride
Concen: 139.453 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.0	112.4
121	31.3	21.8	32.8

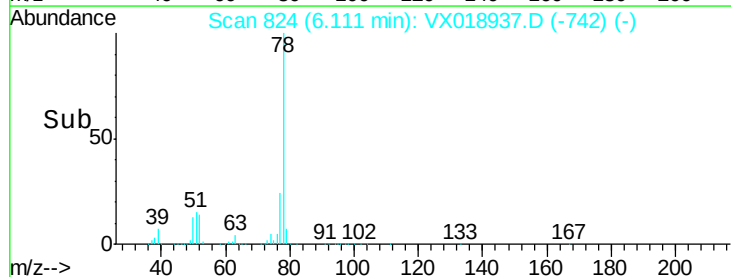
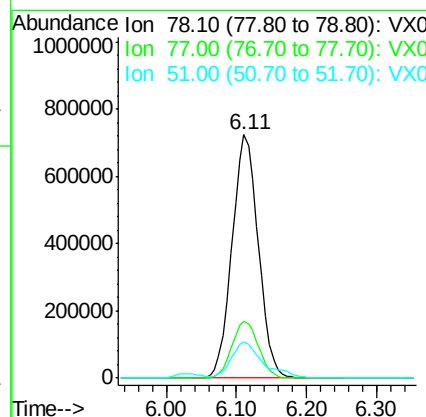
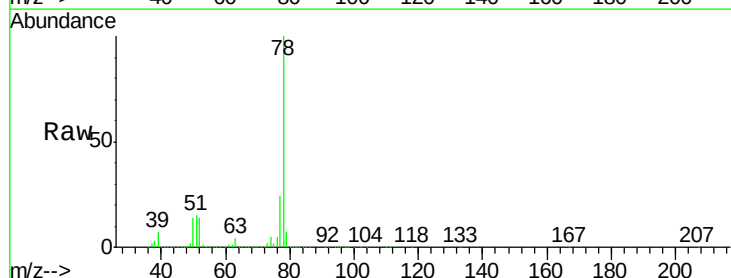
Manual Integrations
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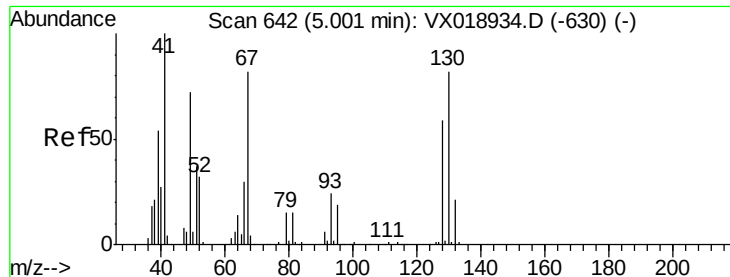
apatel
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#34
Benzene
Concen: 153.961 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.7	29.5
51	14.9	12.0	18.0





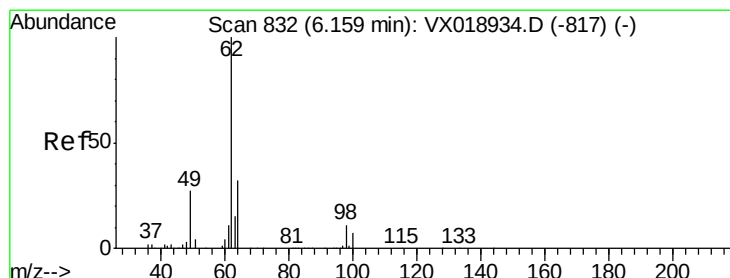
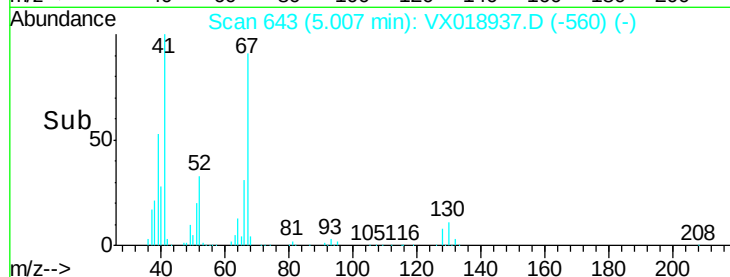
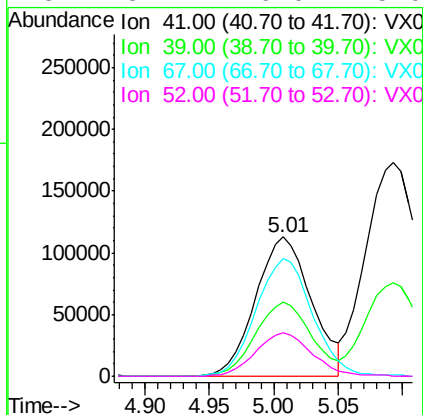
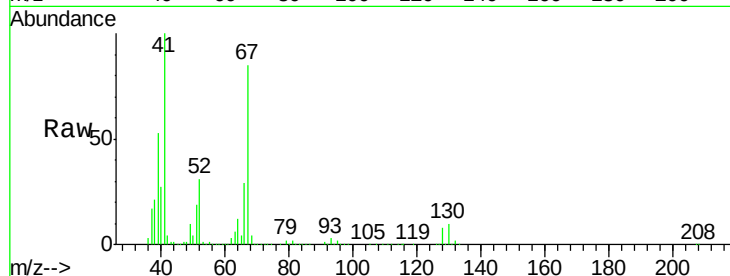
#35
Methacrylonitrile
Concen: 138.959 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.9	27.0	81.0	
67	84.9	41.1	123.3	
52	31.2	16.0	48.0	

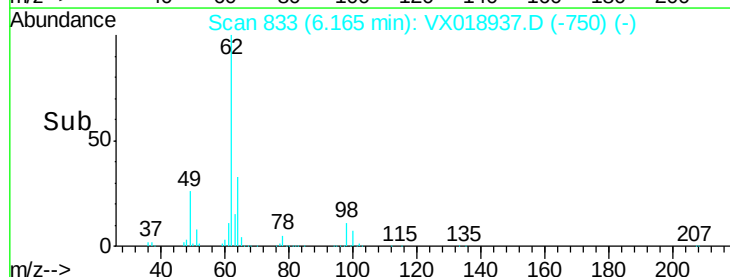
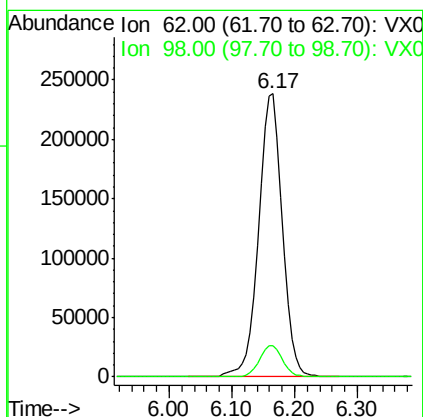
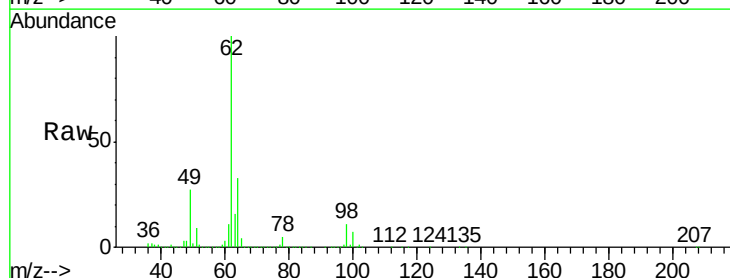
Manual Integrations
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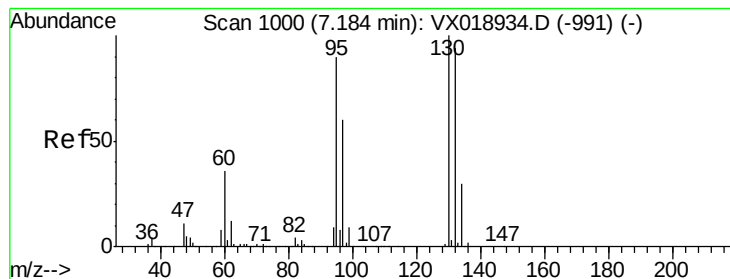
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#36
1,2-Dichloroethane
Concen: 127.276 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.8	8.9	13.3	





#37

Trichloroethene

Concen: 155.516 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 55575

Ion Ratio Lower Upper

130 100

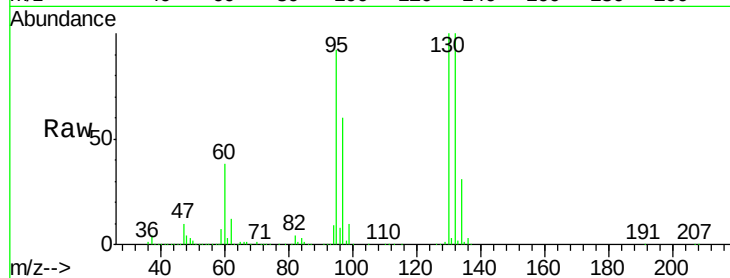
95 92.4 71.8 107.6

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

250000

200000

150000

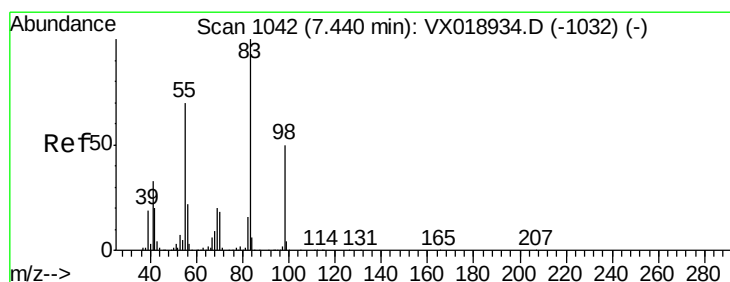
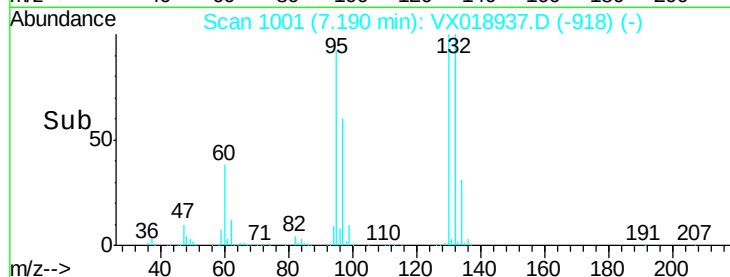
100000

50000

0

Time-->

7.10 7.20 7.30



#38

Methylcyclohexane

Concen: 154.799 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

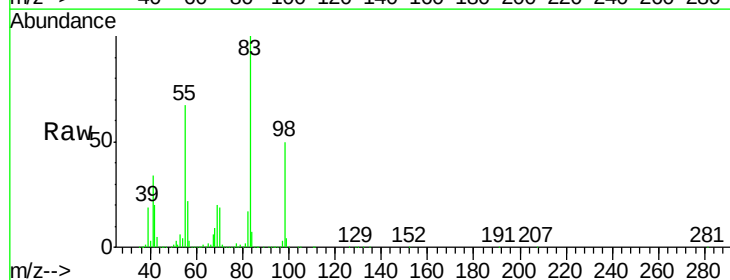
Tgt Ion: 83 Resp: 721432

Ion Ratio Lower Upper

83 100

55 68.2 34.8 104.4

98 50.4 25.8 77.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.44

400000

300000

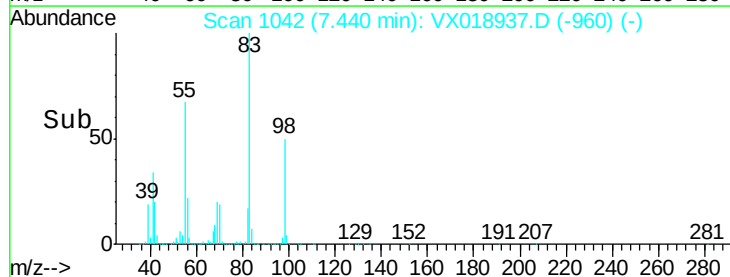
200000

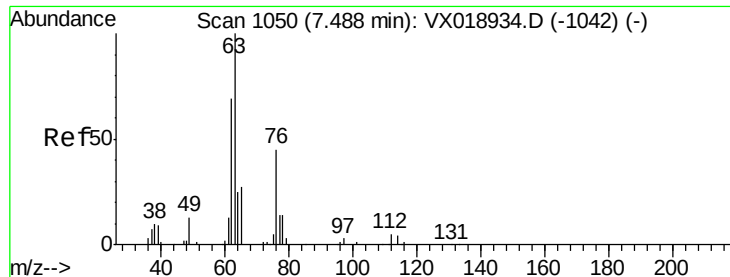
100000

0

Time-->

7.30 7.40 7.50 7.60





#39

1,2-Dichloropropane

Concen: 142.899 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 460722

Ion Ratio Lower Upper

63 100

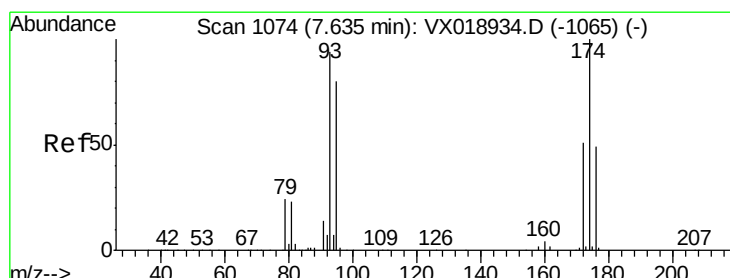
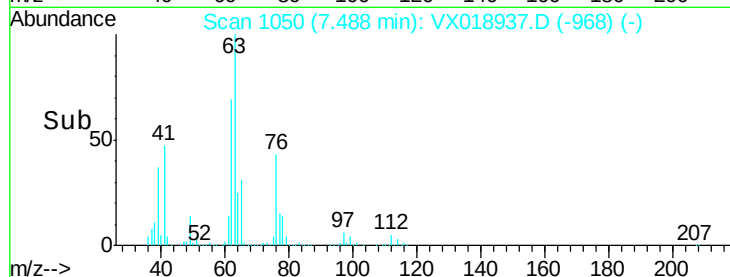
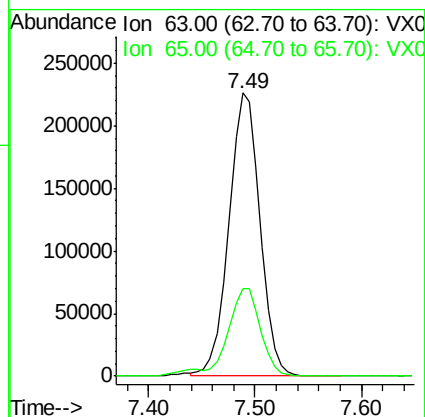
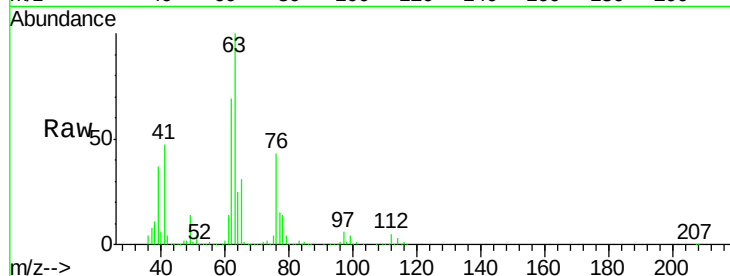
65 30.9 23.0 34.6

Manual Integrations

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#40

Dibromomethane

Concen: 145.072 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

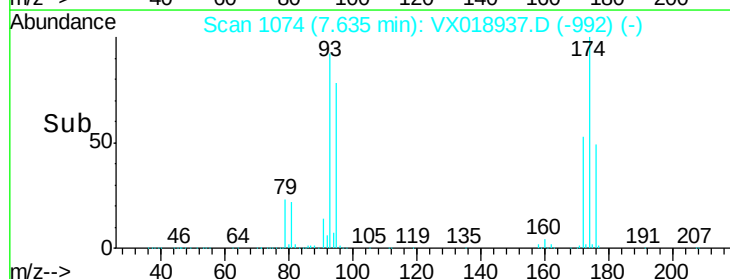
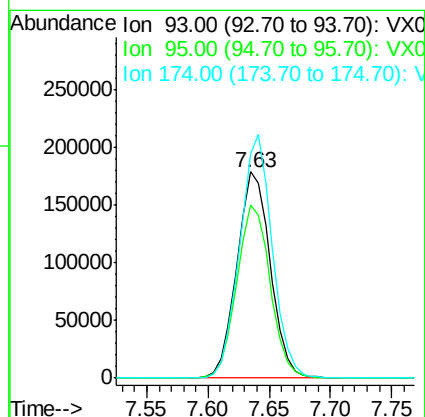
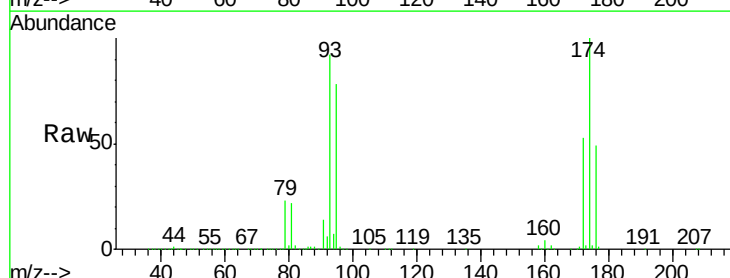
Tgt Ion: 93 Resp: 339412

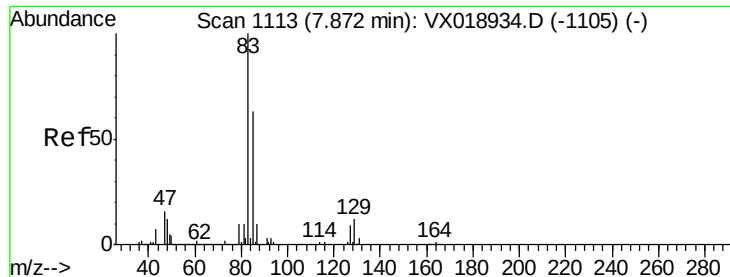
Ion Ratio Lower Upper

93 100

95 83.8 0.0 164.0

174 114.8 0.0 214.6





#41

Bromodichloromethane

Concen: 142.039 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

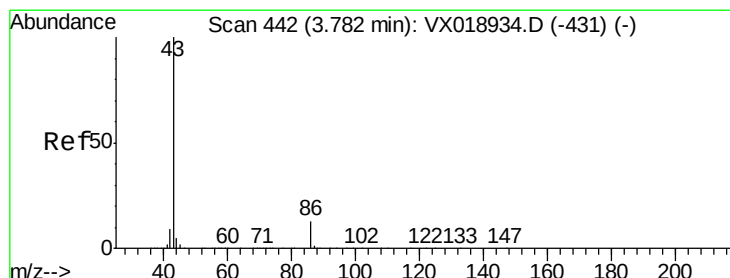
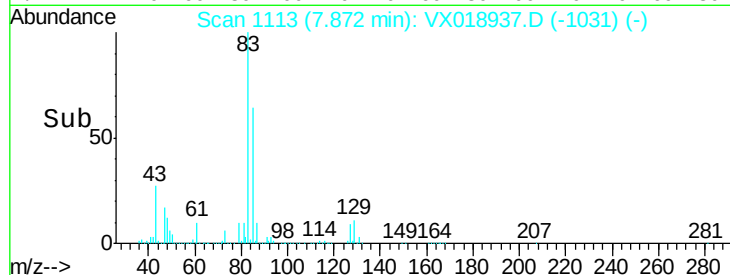
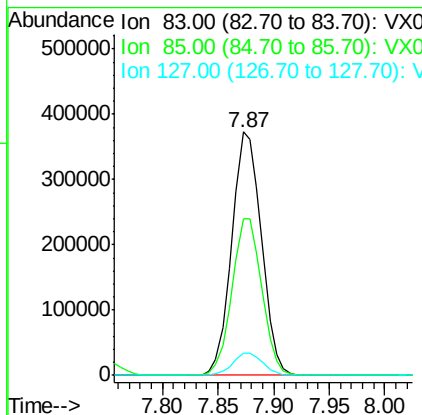
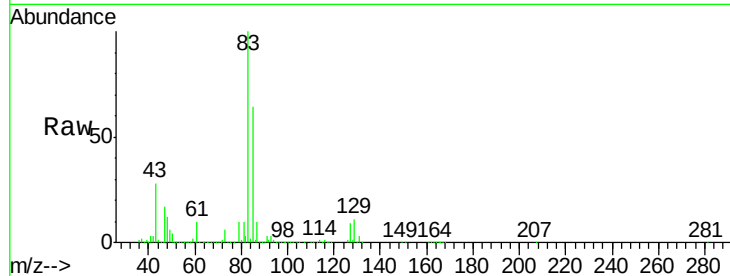
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	688388
Ion Ratio	Lower	Upper	
83	100		
85	64.2	50.4	75.6
127	9.0	7.5	11.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 677.328 ug/l

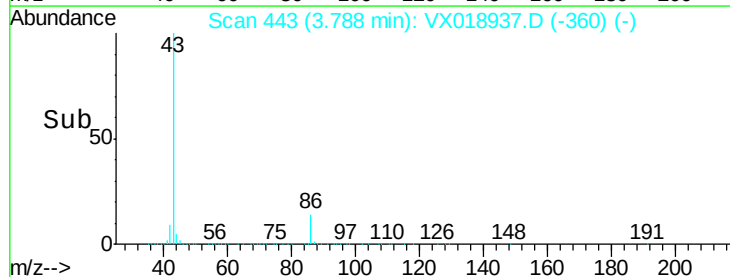
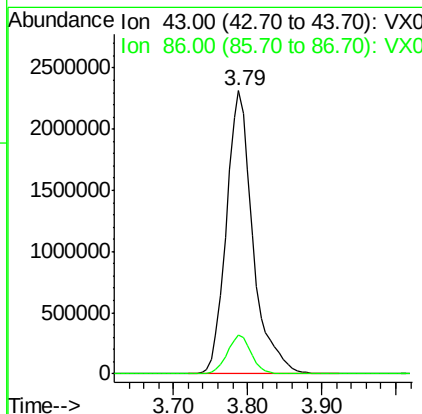
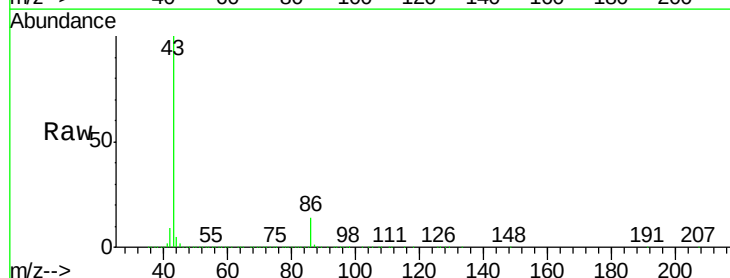
RT: 3.79 min Scan# 443

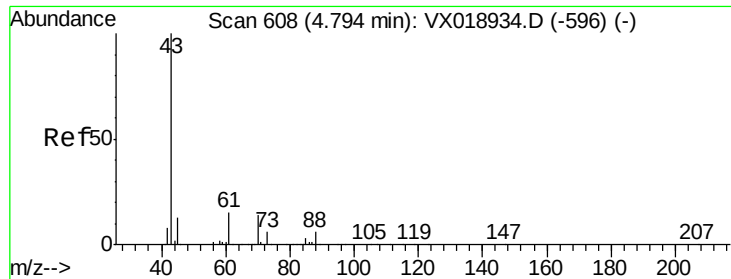
Delta R.T. 0.01 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Tgt Ion:	43	Resp:	5769481
Ion Ratio	Lower	Upper	
43	100		
86	12.4	9.8	14.8





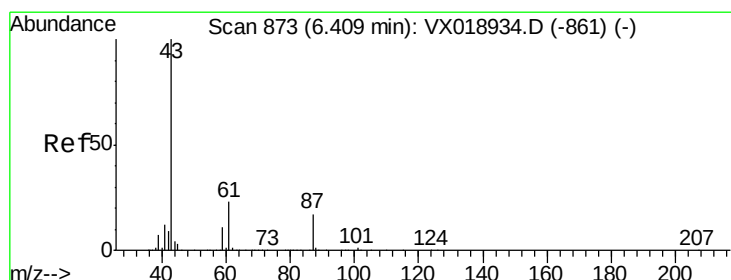
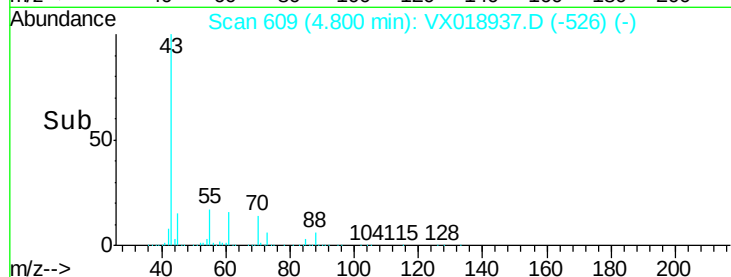
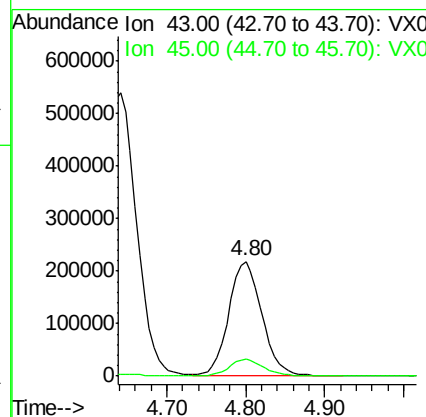
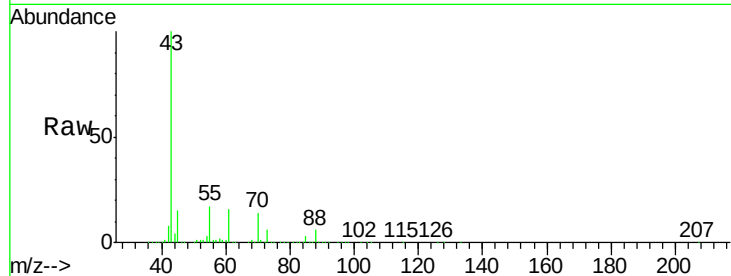
#43
Ethyl Acetate
Concen: 138.724 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	43	Ratio	Lower	Upper
43	100			
45	15.0	11.5	17.3	

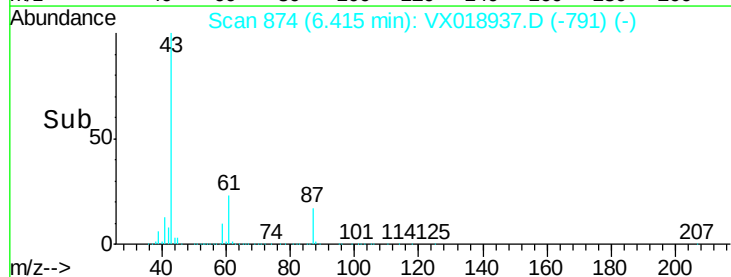
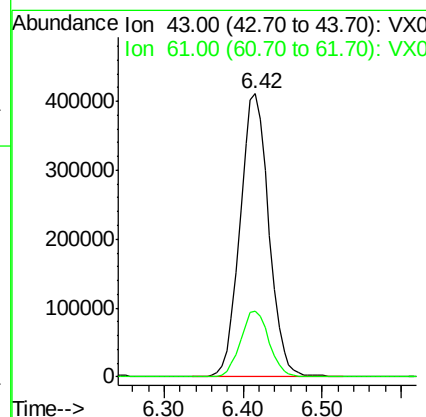
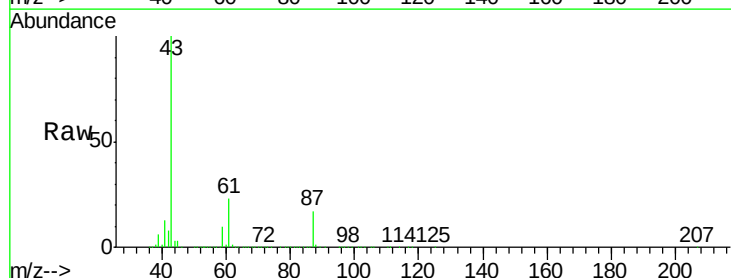
Manual Integrations
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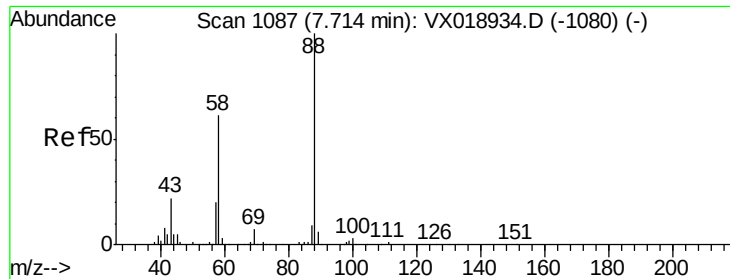
apatel
10/16/2020 2:11:36 PM



#44
Isopropyl Acetate
Concen: 139.432 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion	43	Ratio	Lower	Upper
43	100			
61	23.3	0.0	0.0#	





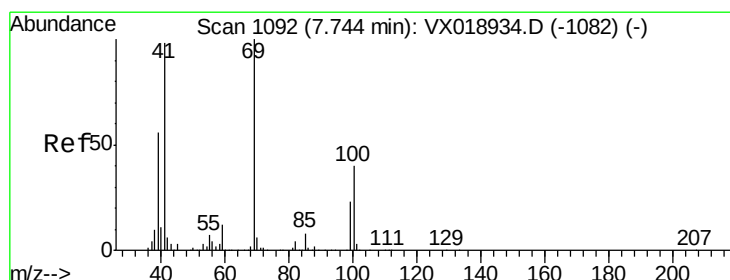
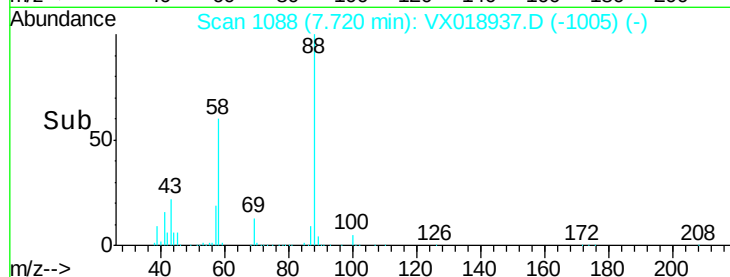
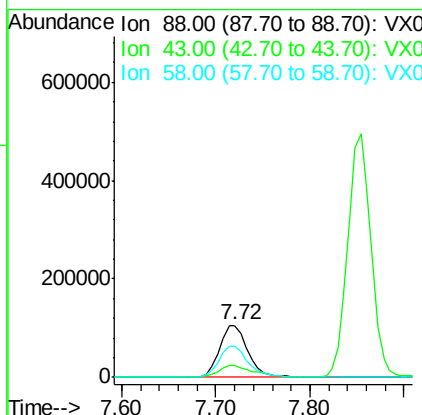
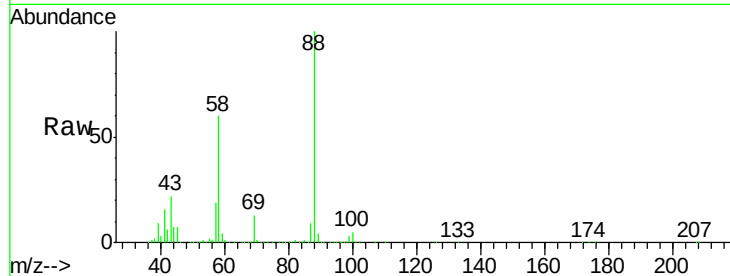
#45
 1,4-Dioxane
 Concen: 3355.642 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX018937.D
 Acq: 15 Oct 2020 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
88	100	221119		
43	26.6		22.1	33.1
58	62.1		52.1	78.1

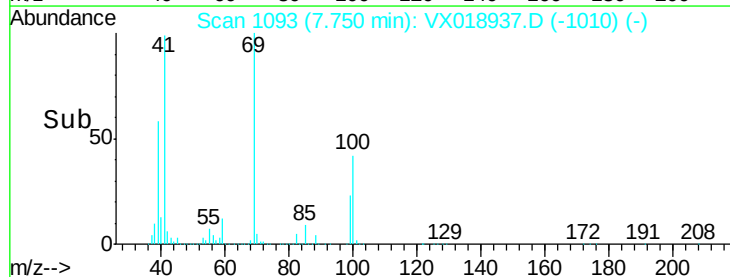
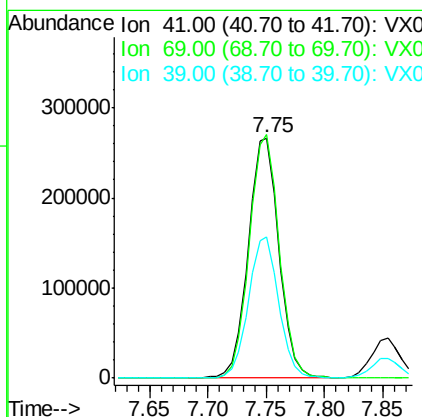
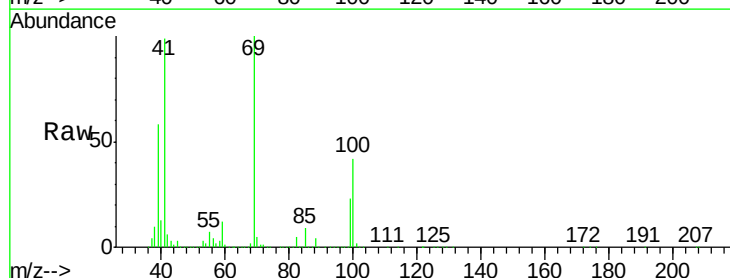
Manual Integrations
 APPROVED

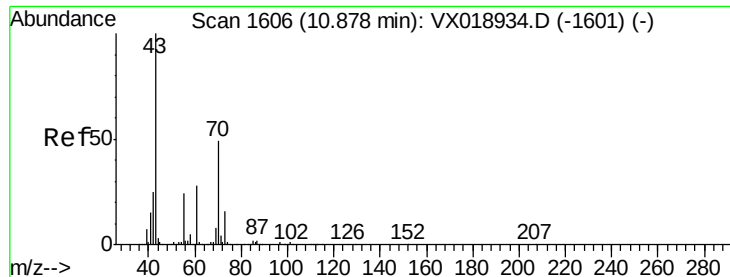
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#46
 Methyl methacrylate
 Concen: 133.074 ug/l
 RT: 7.75 min Scan# 1093
 Delta R.T. 0.01 min
 Lab File: VX018937.D
 Acq: 15 Oct 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	487367		
69	101.4		50.8	152.5
39	58.5		28.5	85.6





#47

n-amvl Acetate

Concen: 135.374 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 43 Resp: 891287

Ion Ratio Lower Upper

43 100

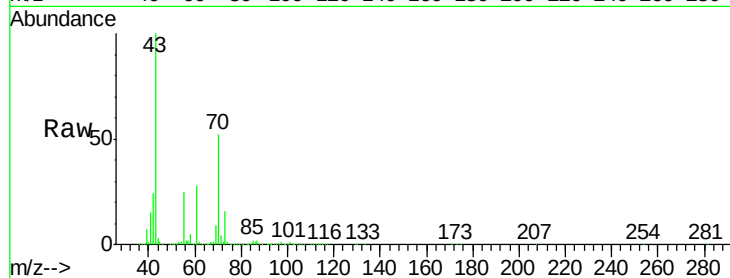
55 24.9 19.9 29.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

800000

600000

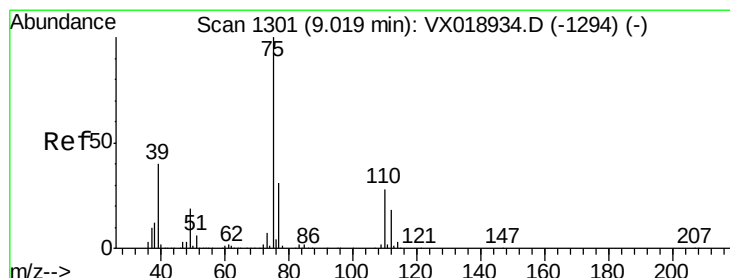
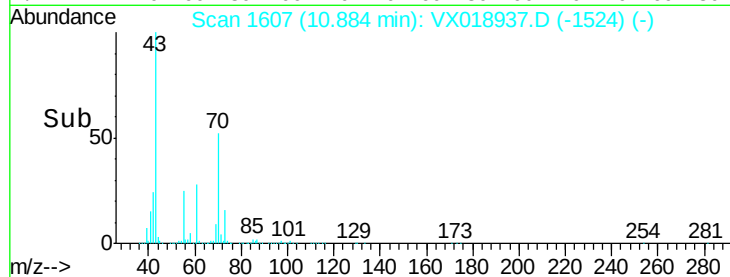
400000

200000

0

10.85 10.90 10.95

Time-->



#48

t-1,3-Dichloropropene

Concen: 148.535 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX018937.D

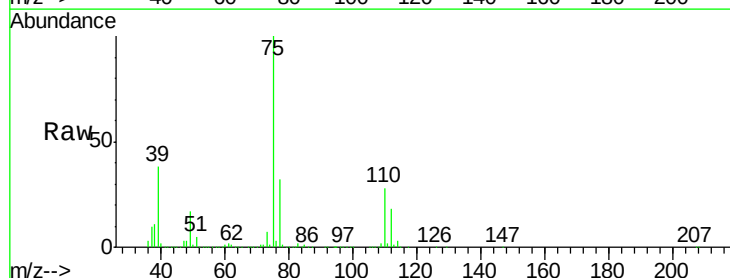
Acq: 15 Oct 2020 15:10

Tgt Ion: 75 Resp: 785419

Ion Ratio Lower Upper

75 100

77 32.0 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

600000

500000

400000

300000

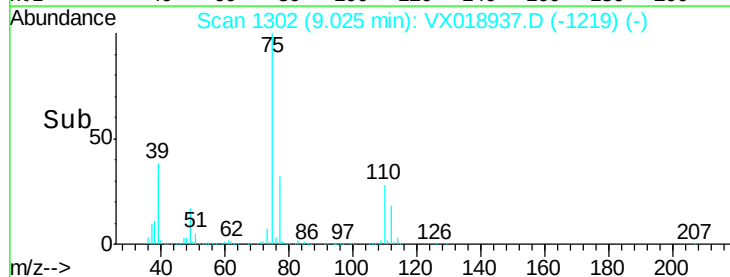
200000

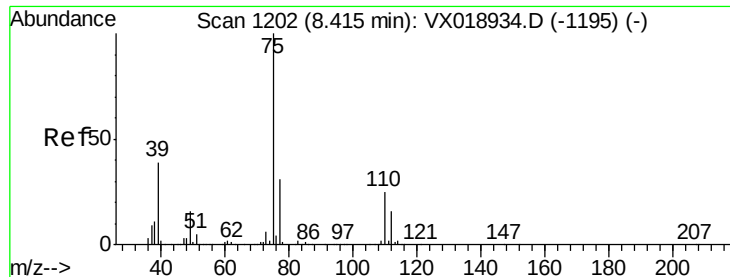
100000

0

8.95 9.00 9.05 9.10 9.15

Time-->





#49

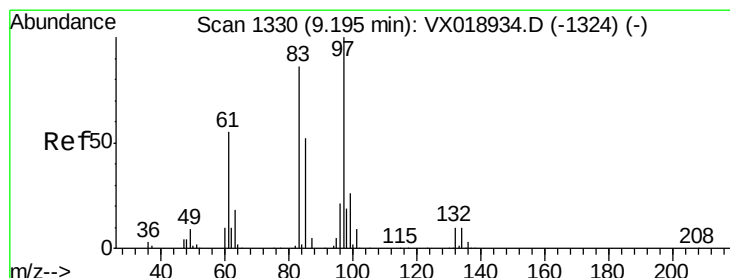
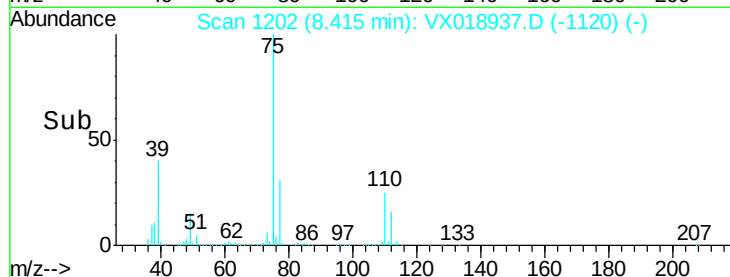
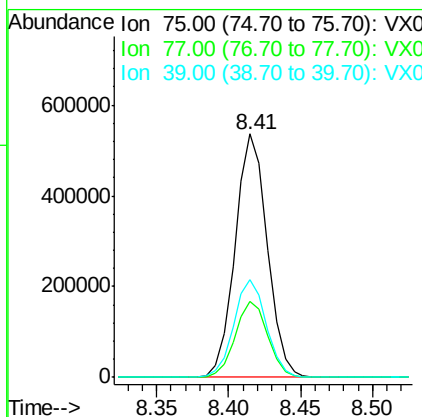
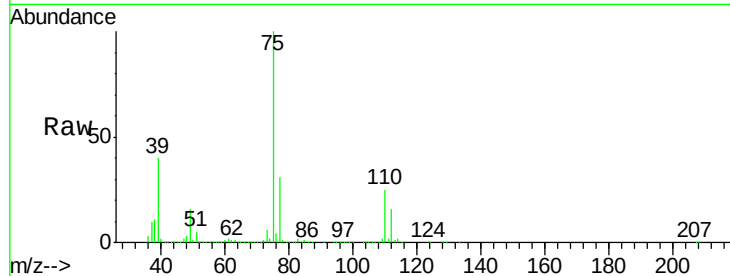
cis-1,3-Dichloropropene
Concen: 149.703 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.1	37.7
39	40.1	31.5	47.3

Manual Integrations
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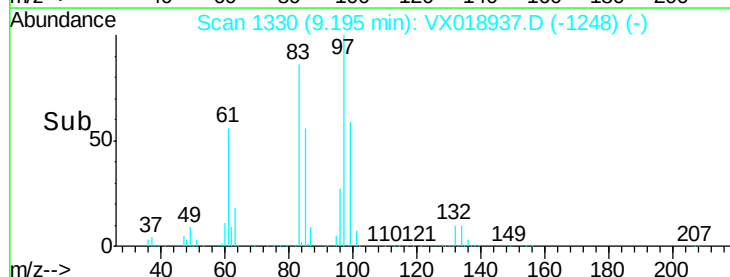
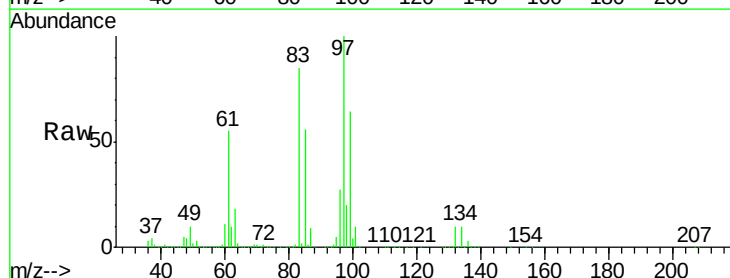
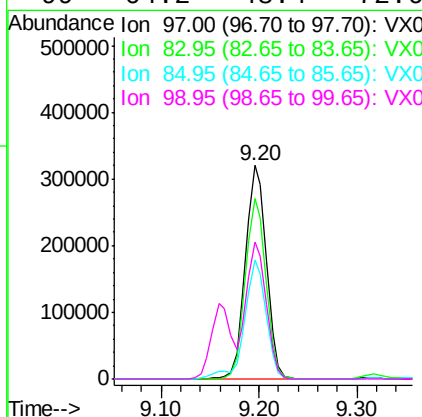
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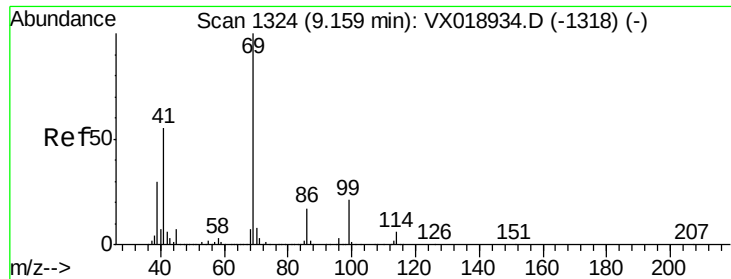


#50

1,1,2-Trichloroethane
Concen: 144.813 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.0	102.0
85	55.9	43.8	65.8
99	64.2	48.4	72.6





#51

Ethyl methacrylate

Concen: 155.105 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

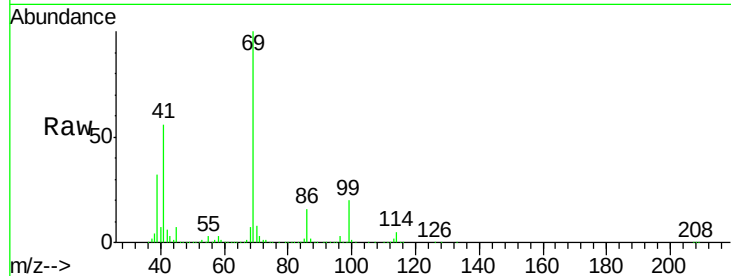
ClientSampleId :

VSTDIC150

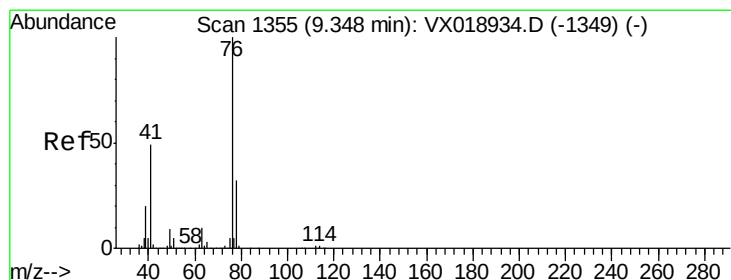
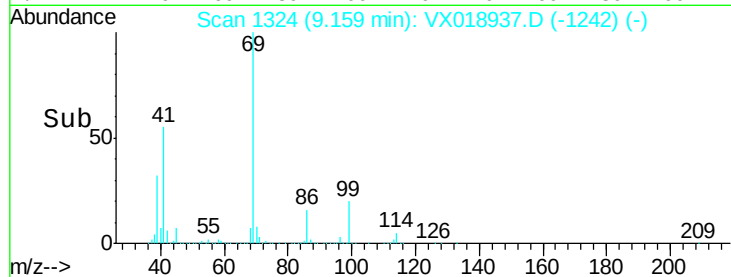
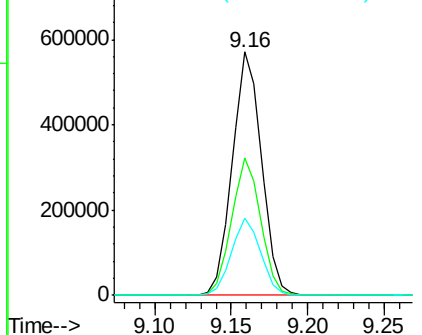
Tot Ion:	69	Resp:	756773
Ion Ratio	Lower	Upper	
69	100		
41	56.1	27.6	82.8
39	31.9	15.0	45.0

Manual Integrations
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Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 143.978 ug/l

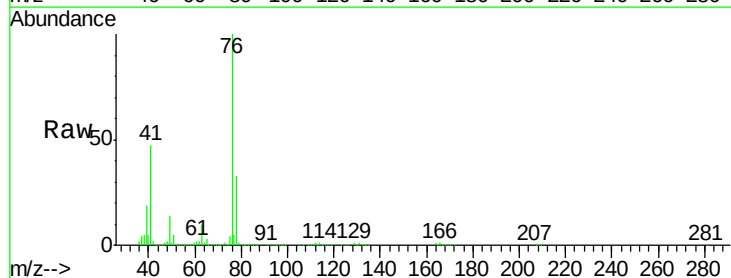
RT: 9.35 min Scan# 1356

Delta R.T. 0.01 min

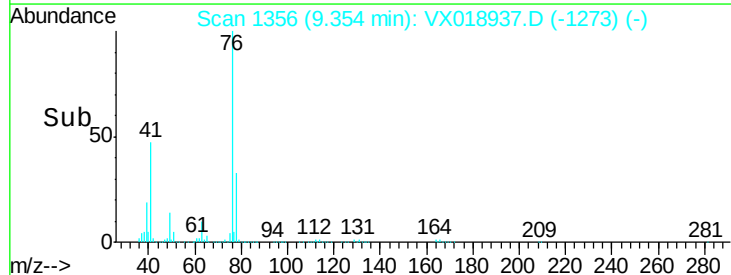
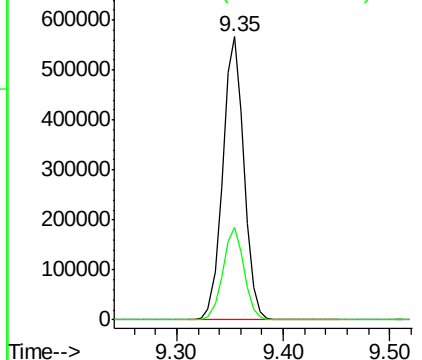
Lab File: VX018937.D

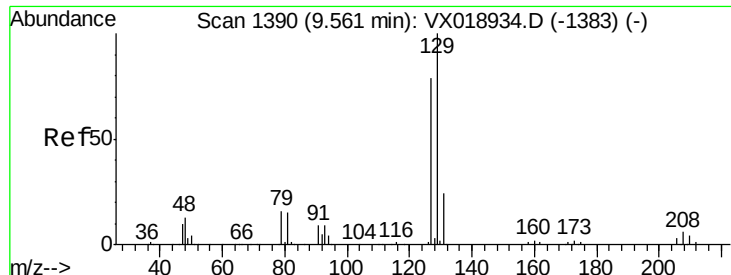
Acq: 15 Oct 2020 15:10

Tgt Ion:	76	Resp:	787117
Ion Ratio	Lower	Upper	
76	100		
78	32.5	0.0	65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





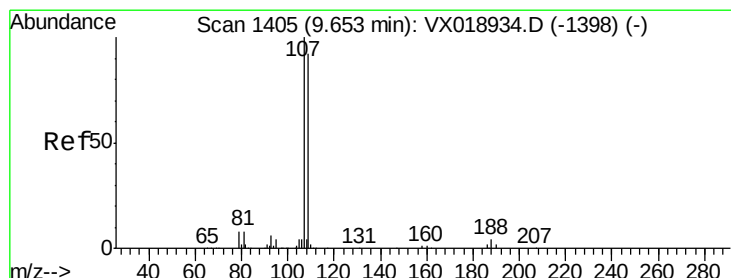
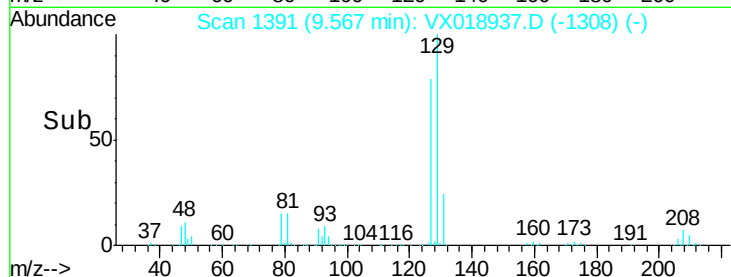
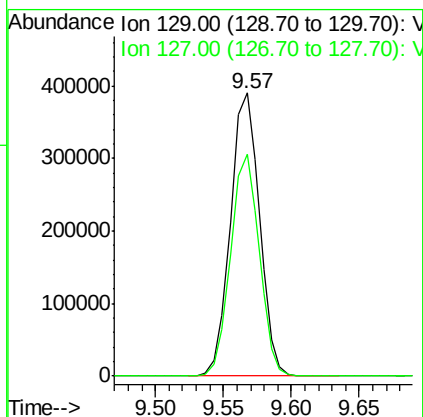
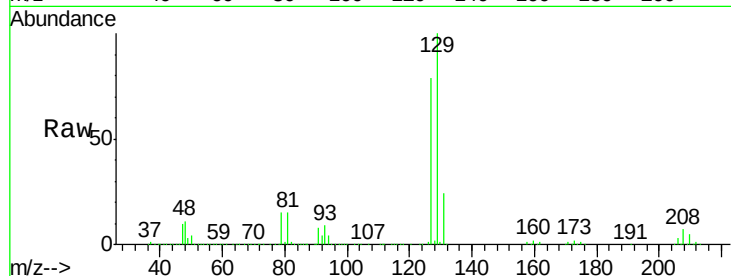
#53
Dibromochloromethane
Concen: 141.469 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:129 Resp: 580339
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

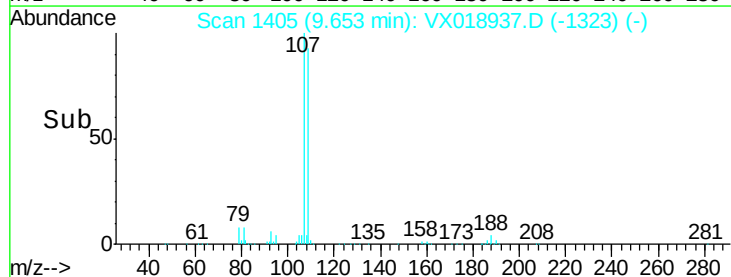
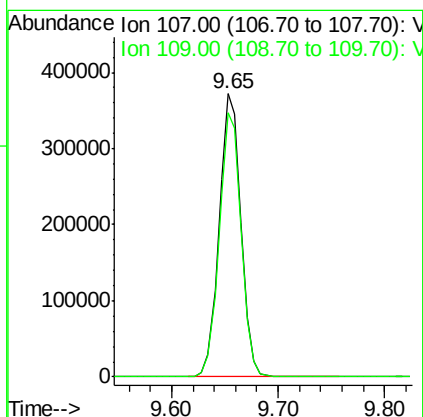
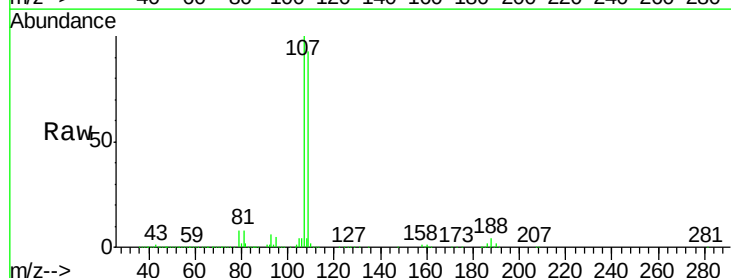
Manual Integrations
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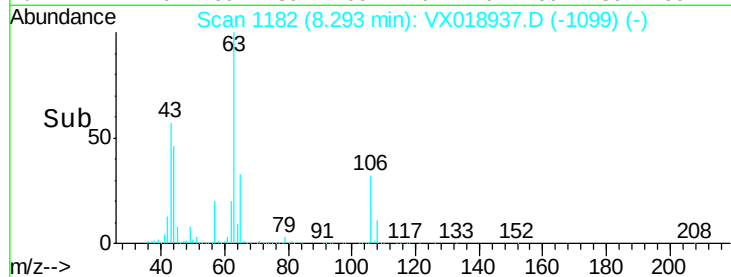
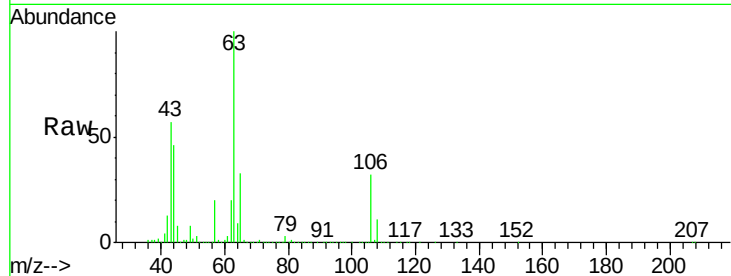
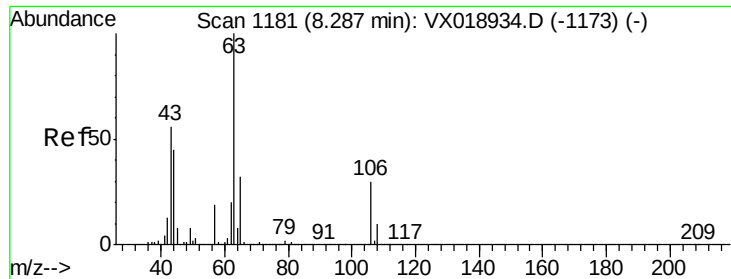
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#54
1,2-Dibromoethane
Concen: 144.622 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion:107 Resp: 525266
Ion Ratio Lower Upper
107 100
109 94.2 75.1 112.7





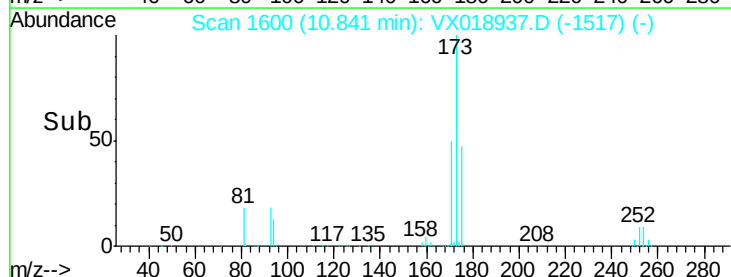
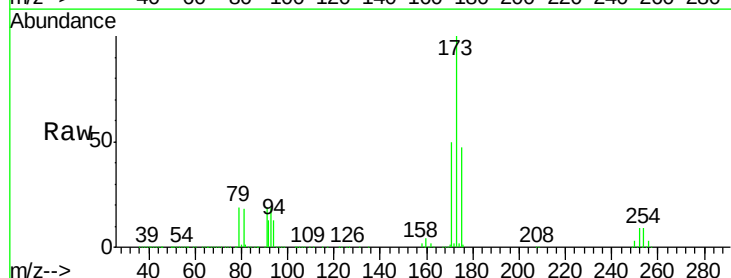
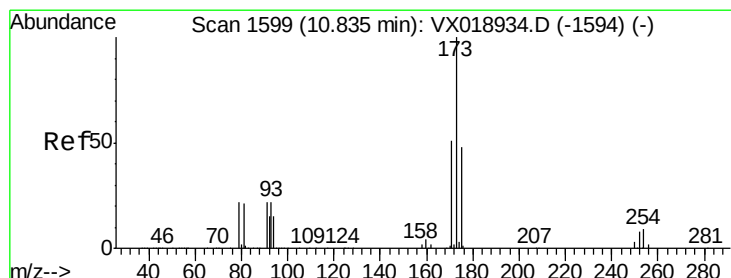
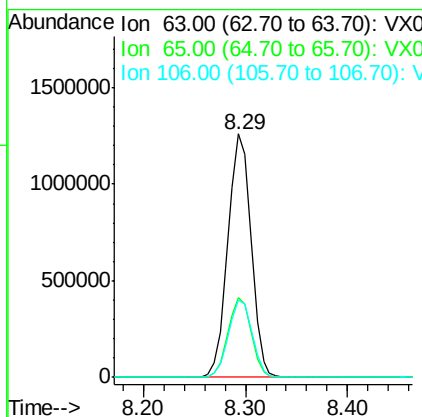
#55
2-Chloroethyl vinyl ether
Concen: 780.534 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tot Ion: 63 Resp: 1981784
Ion Ratio Lower Upper
63 100
65 32.6 25.8 38.6
106 32.2 25.3 37.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

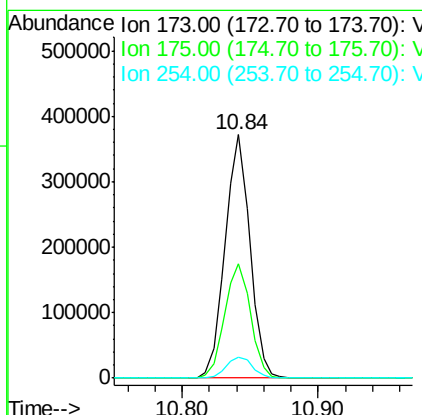
Manual Integrations
APPROVED

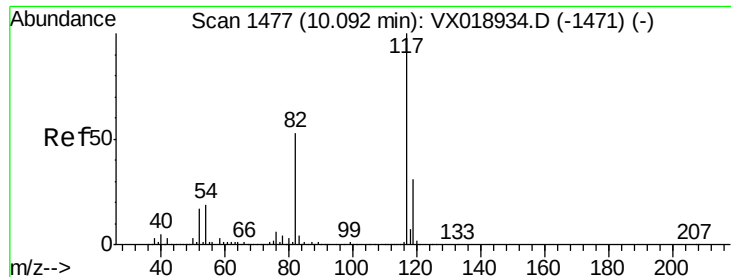
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#56
Bromoform
Concen: 150.825 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion: 173 Resp: 471051
Ion Ratio Lower Upper
173 100
175 48.9 39.2 58.8
254 9.4 7.5 11.3





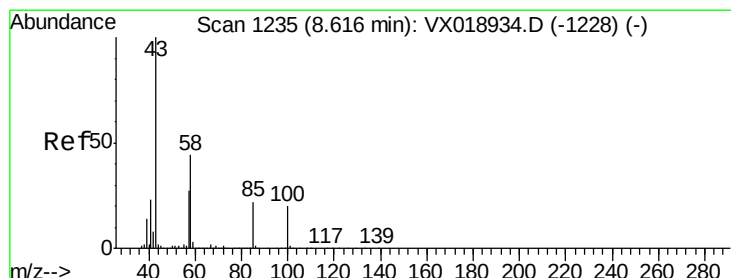
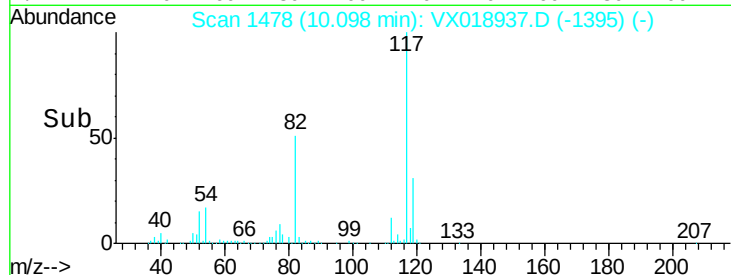
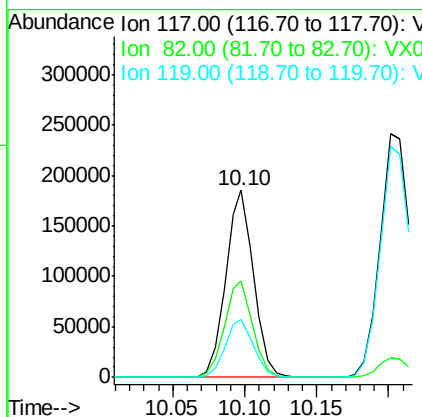
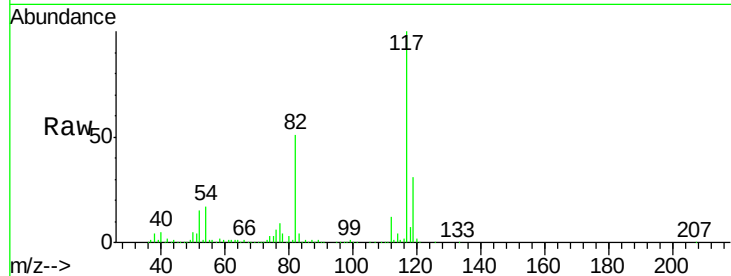
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.6	62.4
119	31.9	25.7	38.5

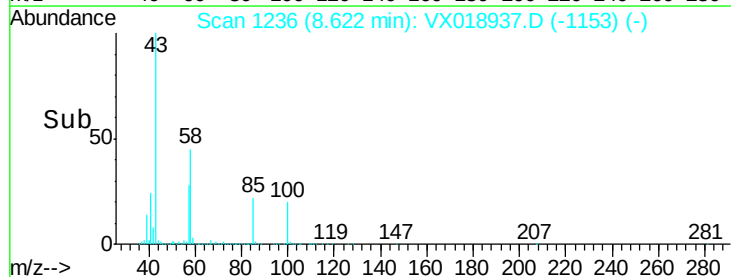
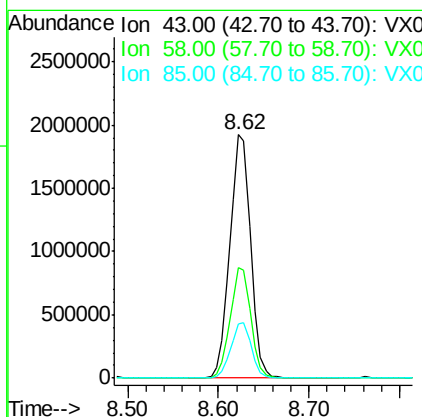
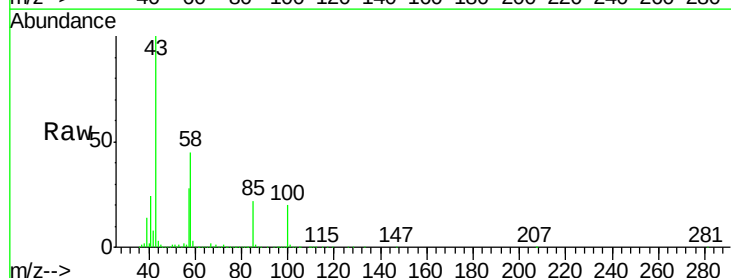
Manual Integrations
APPROVED

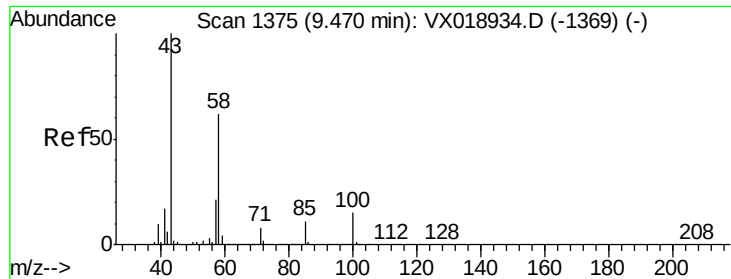
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#58
4-Methyl-2-Pentanone
Concen: 731.884 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	45.0	35.4	53.2
85	22.6	18.0	27.0





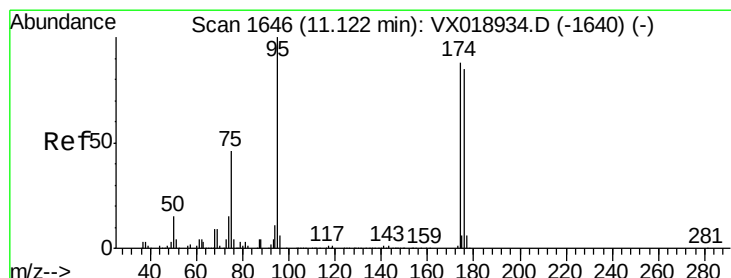
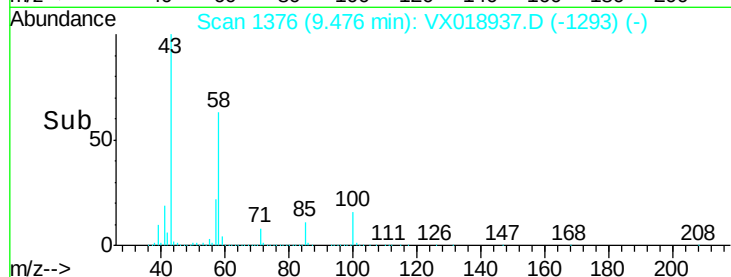
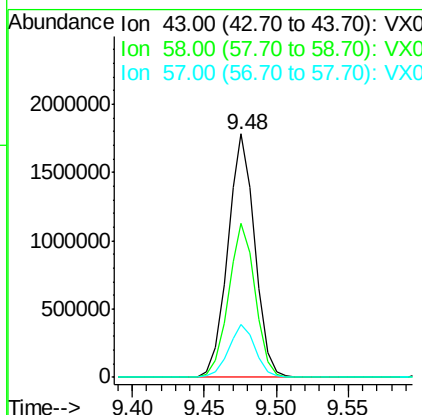
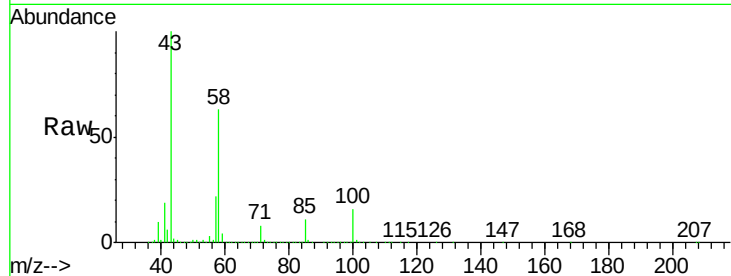
#59
2-Hexanone
Concen: 733.944 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2340492
Ion Ratio Lower Upper
43 100
58 62.7 49.7 74.5
57 21.5 16.9 25.3

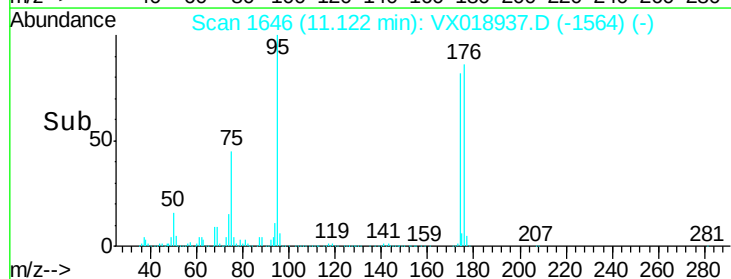
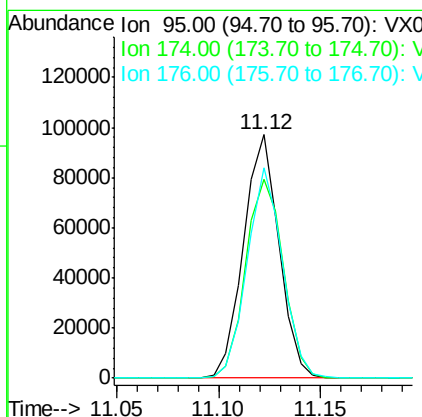
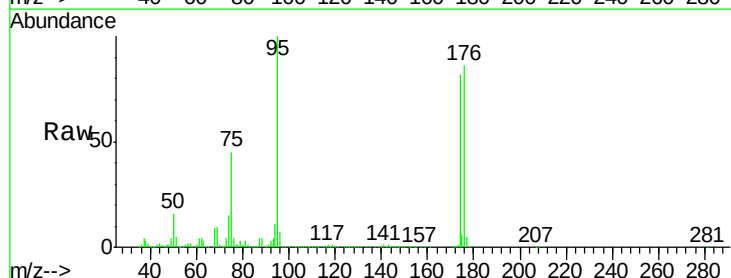
Manual Integrations
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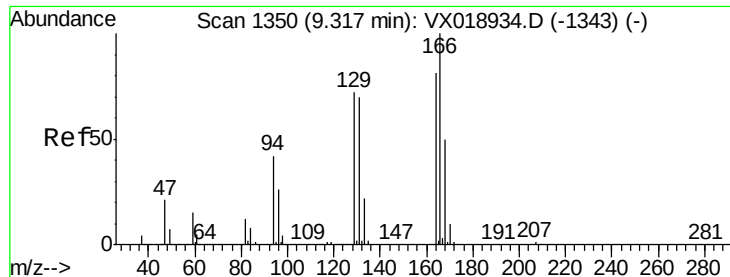
apatel
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#60
4-Bromofluorobenzene
Concen: 27.704 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion: 95 Resp: 117390
Ion Ratio Lower Upper
95 100
174 86.8 67.0 100.4
176 86.1 64.5 96.7





#61

Tetrachloroethene

Concen: 154.362 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 473994

Ion Ratio Lower Upper

164 100

166 129.6 99.4 149.0

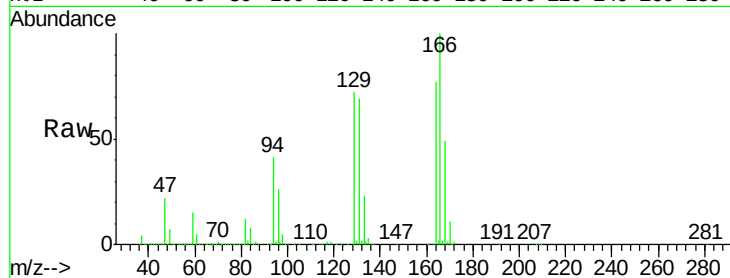
129 93.4 71.8 107.6

131 89.1 69.8 104.6

Manual Integrations
APPROVED

apatel

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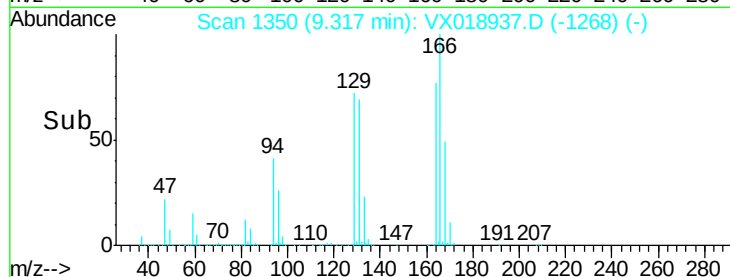


Abundance Ion 163.85 (163.55 to 164.55): V

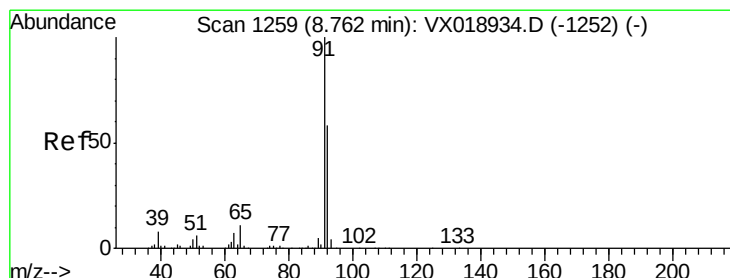
Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



Time-->



#62

Toluene

Concen: 163.906 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018937.D

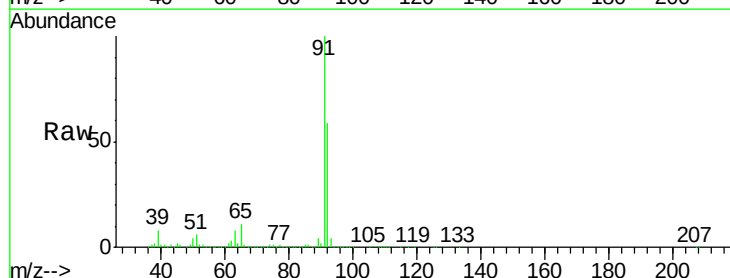
Acq: 15 Oct 2020 15:10

Tgt Ion: 91 Resp: 2062962

Ion Ratio Lower Upper

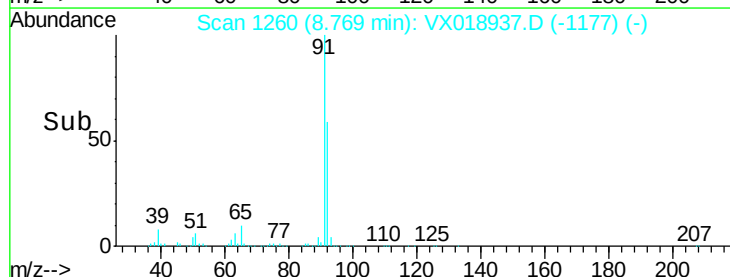
91 100

92 58.9 47.1 70.7

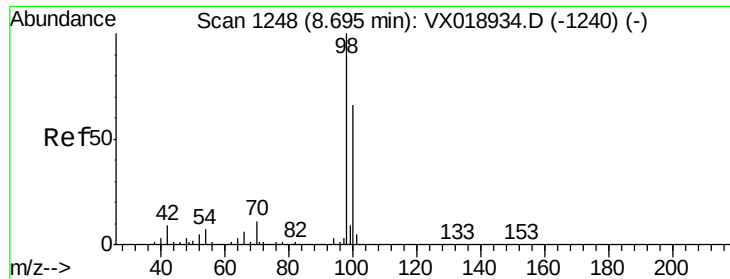


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



Time-->



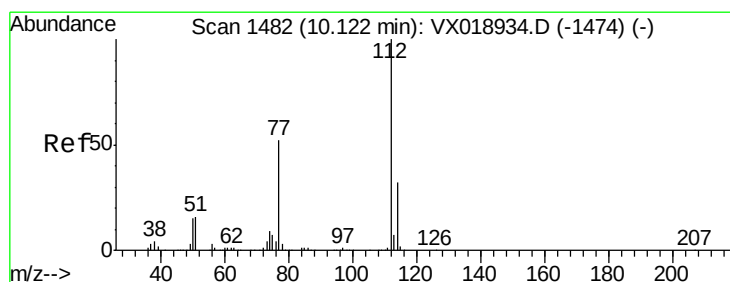
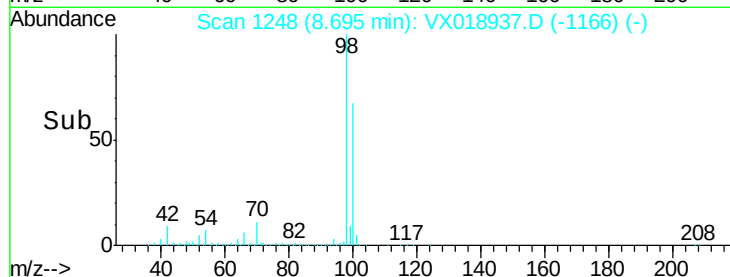
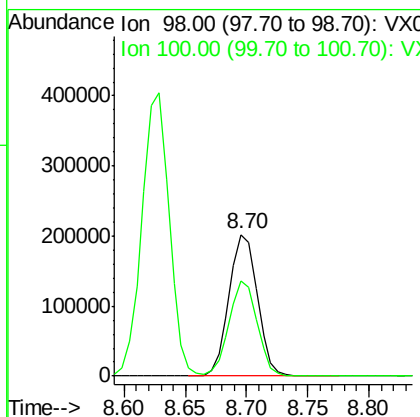
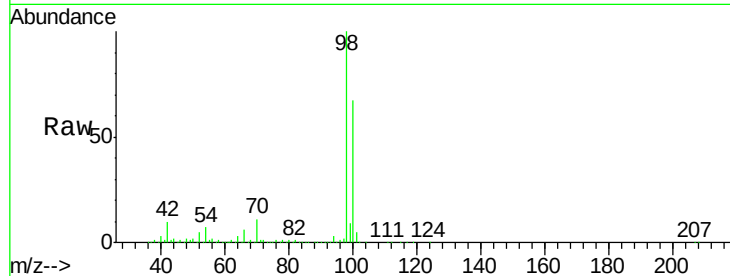
#63
Toluene-d8
Concen: 29.792 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 98 Resp: 323751
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8

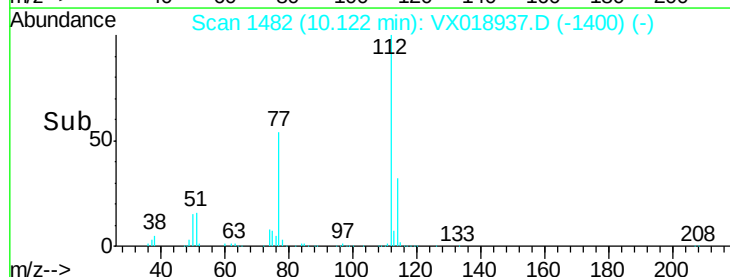
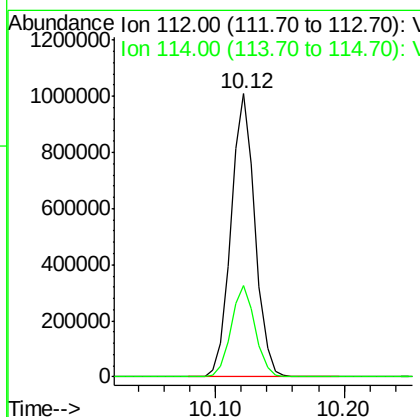
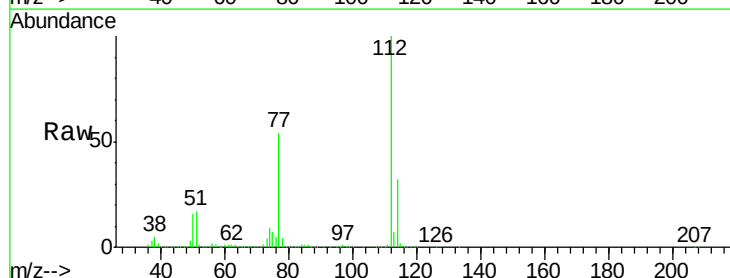
Manual Integrations
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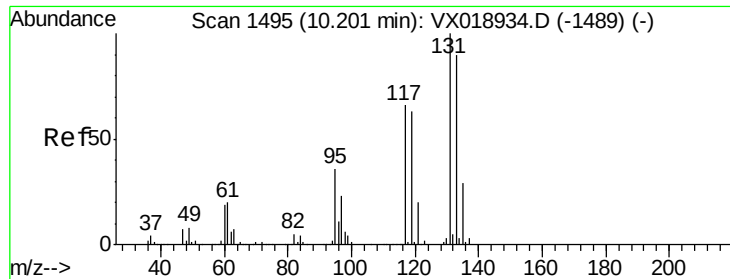
apatel
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#64
Chlorobenzene
Concen: 161.693 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion: 112 Resp: 1310297
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 156.680 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

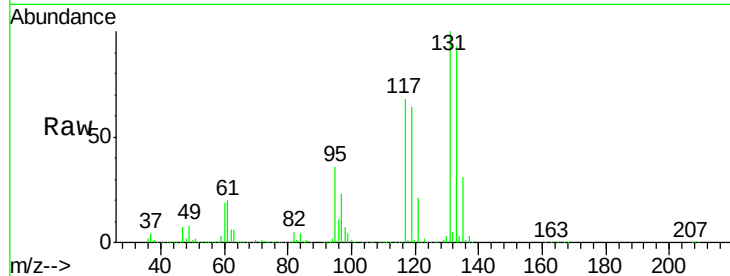
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
131	100	511112		
133	96.0	0.0	188.8	
119	63.8	0.0	127.2	

Manual Integrations
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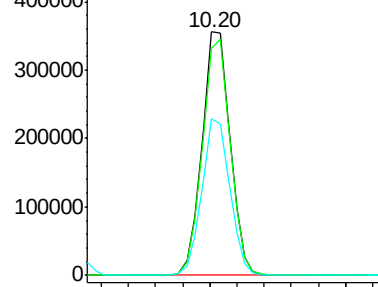
apatel
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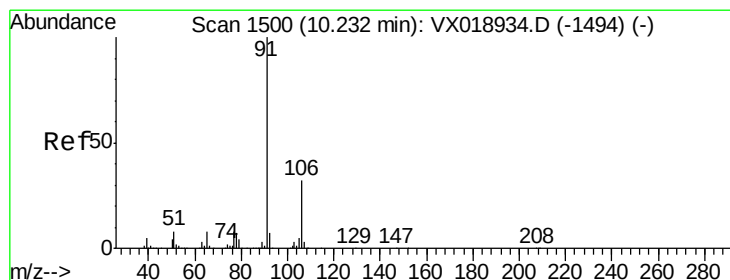
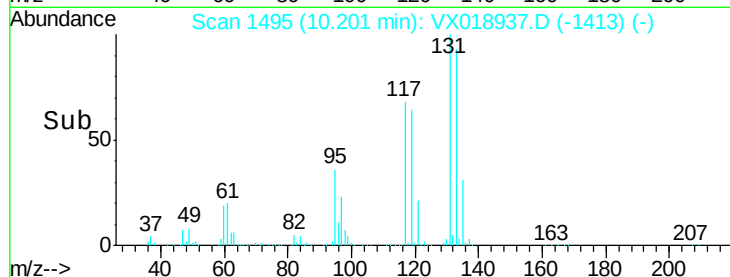
Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



Time-->



#66

Ethyl Benzene

Concen: 162.674 ug/l

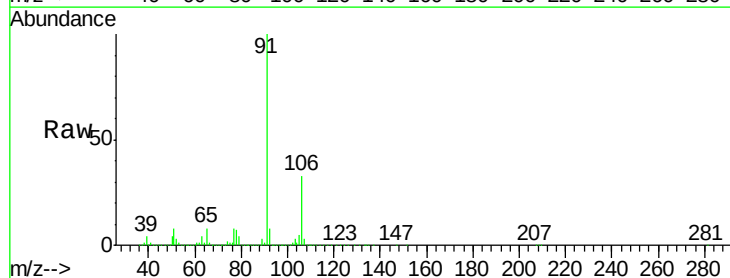
RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX018937.D

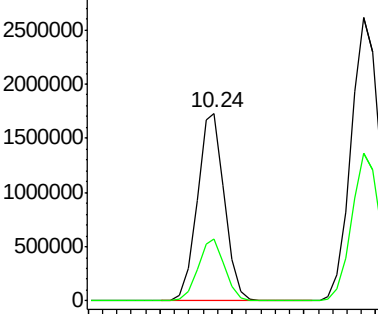
Acq: 15 Oct 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2282948		
106	32.9	25.3	37.9	

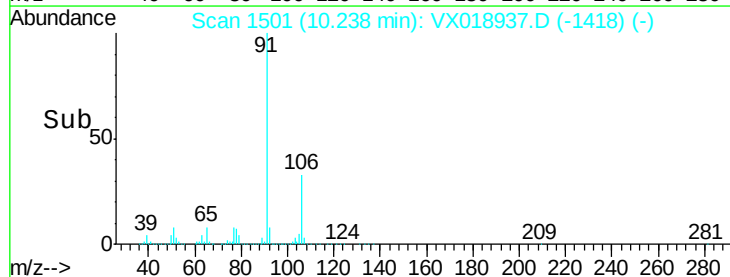


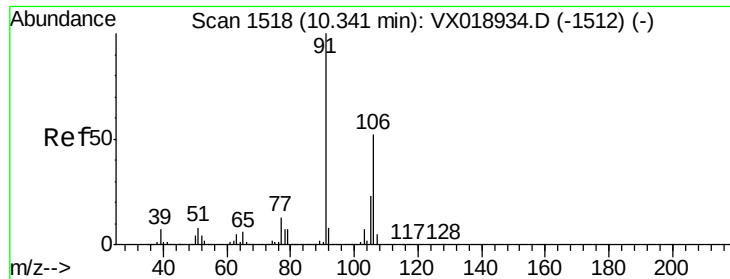
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



Time-->





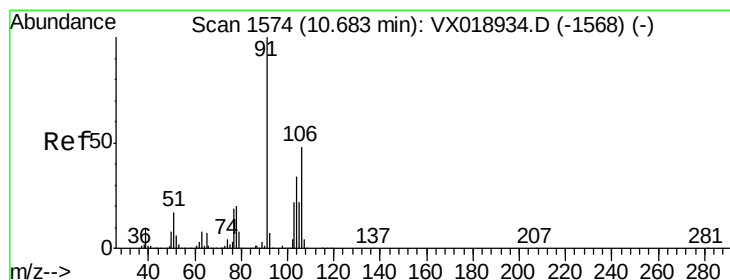
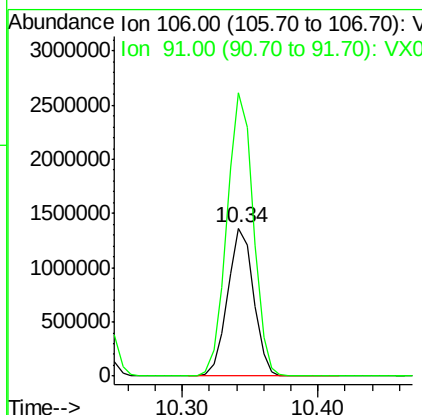
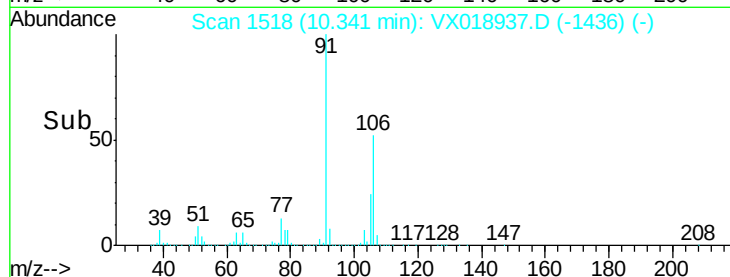
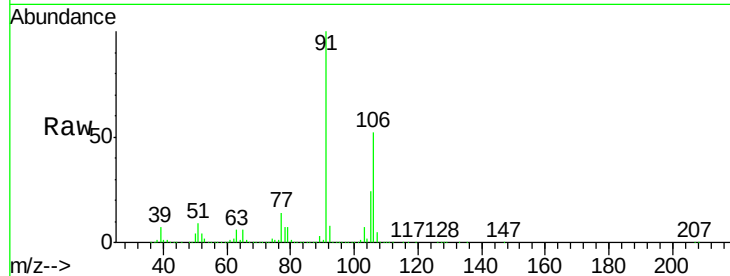
#67
m/p-Xylenes
Concen: 336.657 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1808272
Ion Ratio Lower Upper
106 100
91 194.4 155.7 233.5

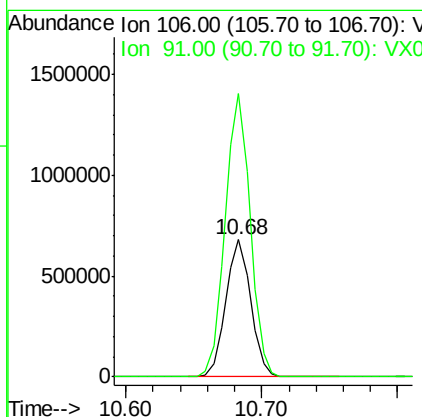
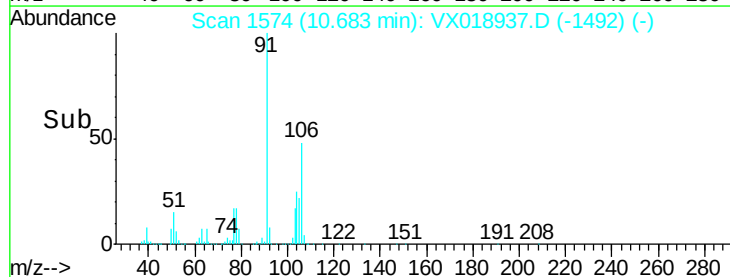
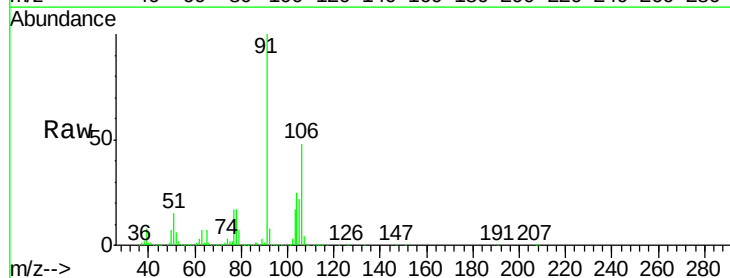
Manual Integrations
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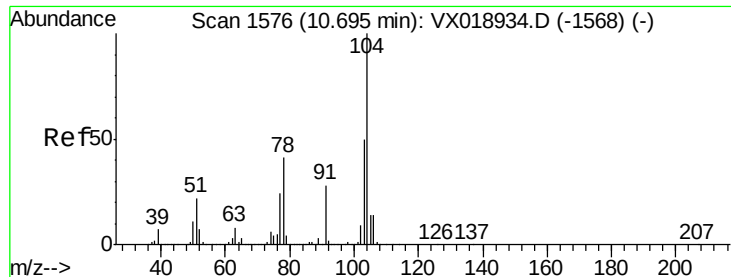
apatel
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#68
o-Xylene
Concen: 168.964 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion:106 Resp: 863080
Ion Ratio Lower Upper
106 100
91 206.8 103.3 309.9





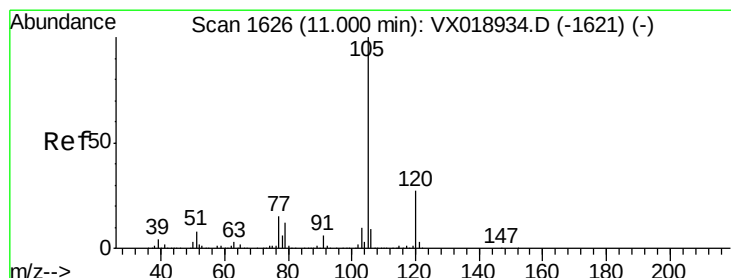
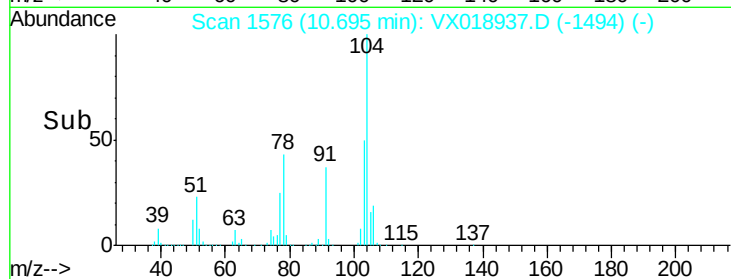
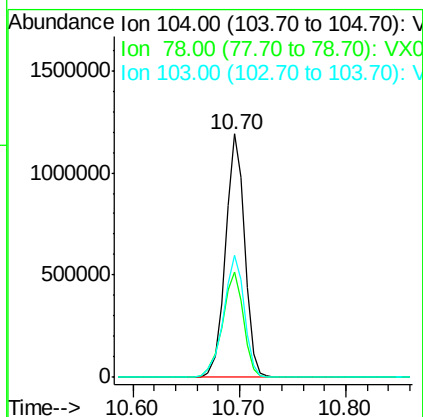
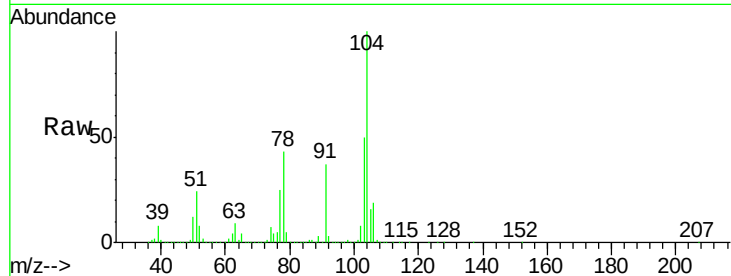
#69
Stvrene
Concen: 168.824 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.6	37.8	56.6
103	54.2	44.1	66.1

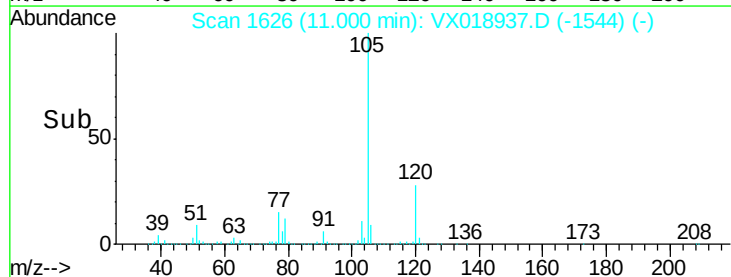
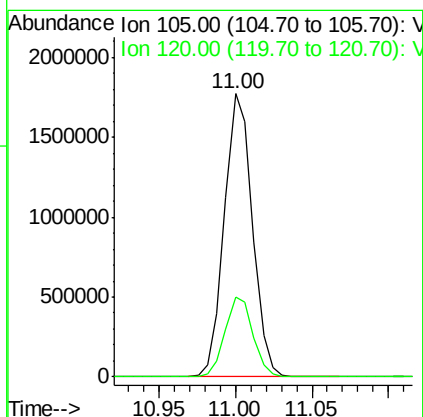
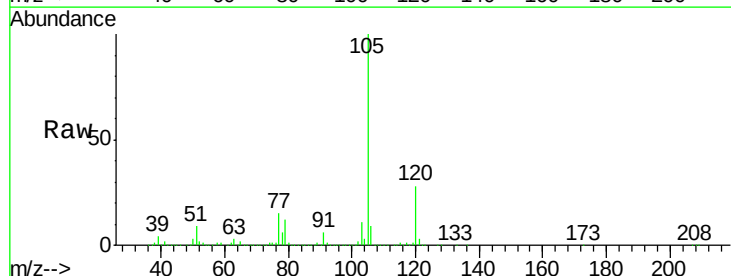
Manual Integrations
APPROVED

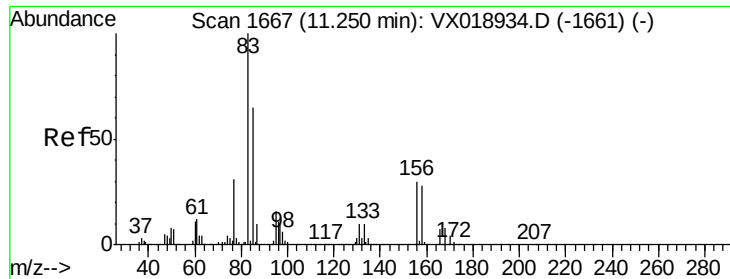
apatel
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#70
Isopropylbenzene
Concen: 160.316 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.2	19.4	36.0





#71

1,1,2,2-Tetrachloroethane

Concen: 160.775 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 724474

Ion Ratio Lower Upper

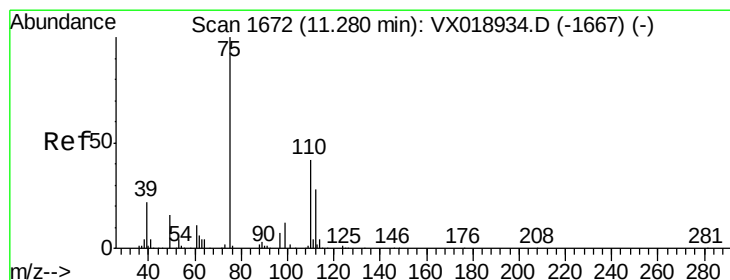
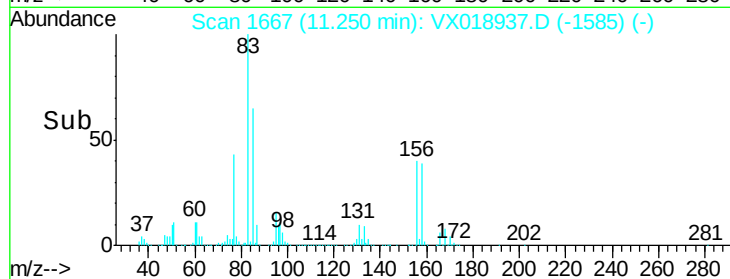
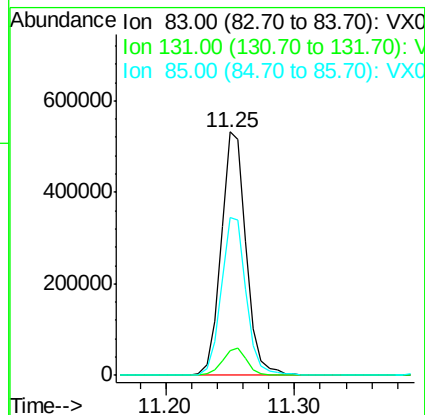
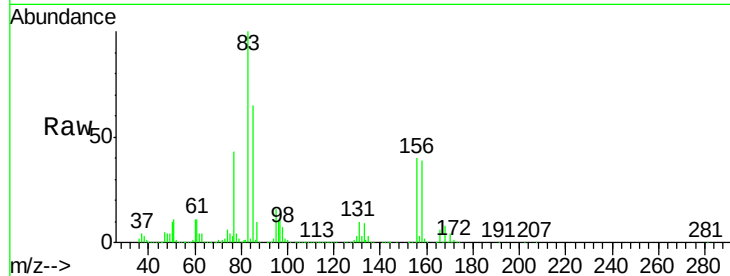
83 100

131 11.0 5.3 16.1

85 64.9 32.3 96.8

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 151.311 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018937.D

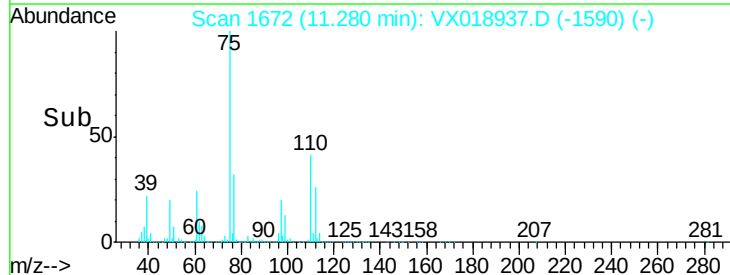
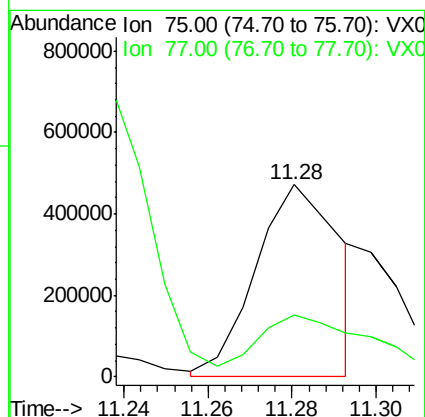
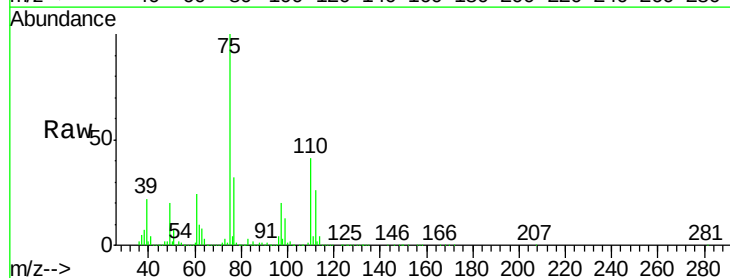
Acq: 15 Oct 2020 15:10

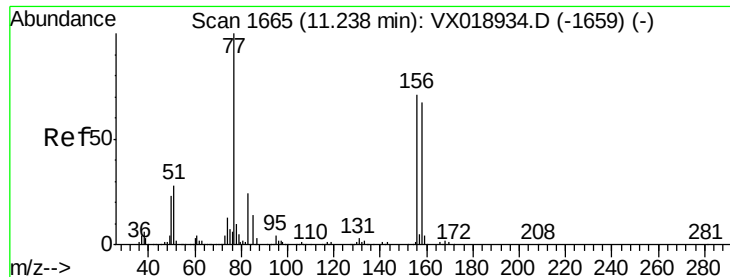
Tgt Ion: 75 Resp: 653481

Ion Ratio Lower Upper

75 100

77 43.8 0.0 75.8





#73

Bromobenzene

Concen: 159.544 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

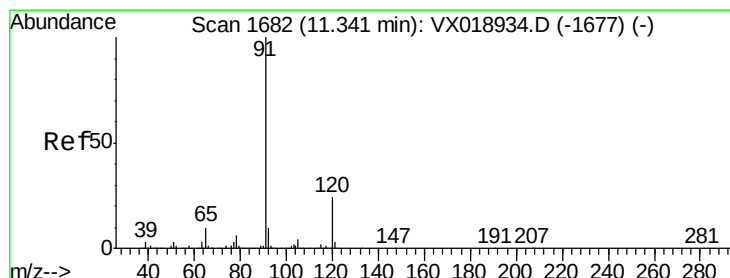
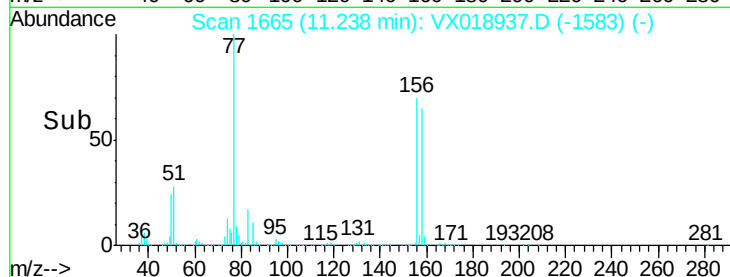
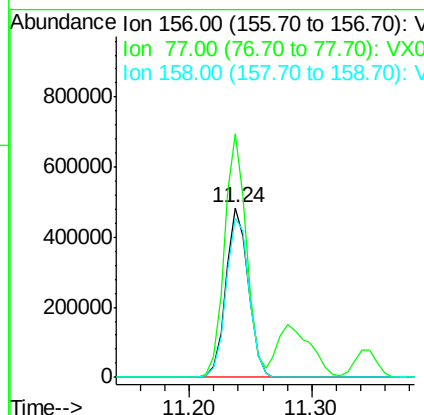
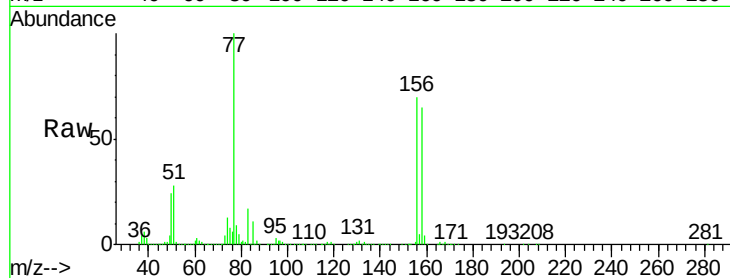
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		605975		
77	142.4		0.0	288.2	
158	97.0		0.0	189.2	

Manual Integrations
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#74

n-propylbenzene

Concen: 156.461 ug/l

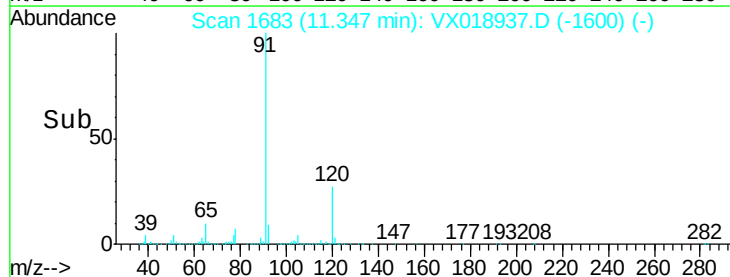
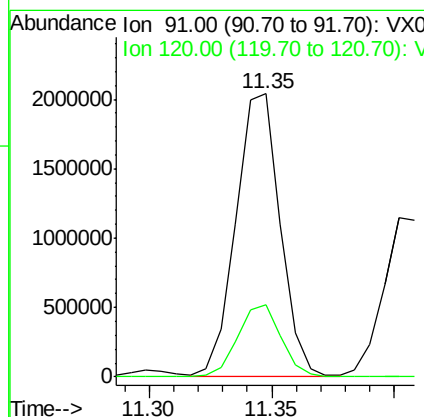
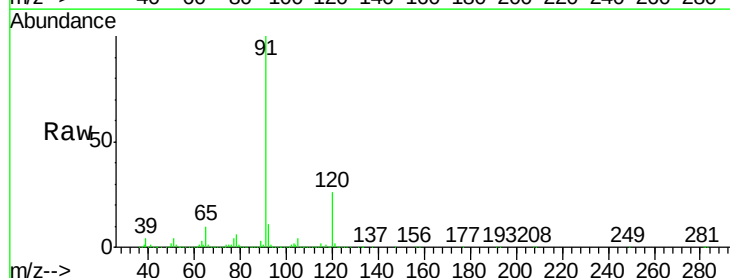
RT: 11.35 min Scan# 1683

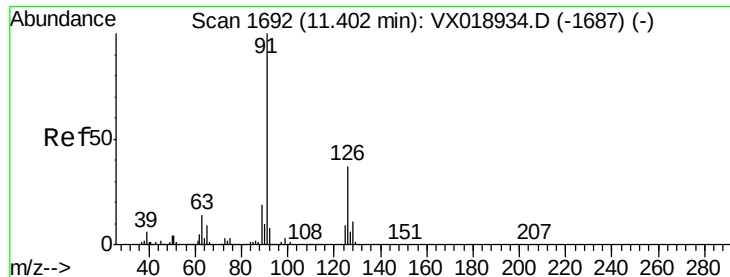
Delta R.T. 0.01 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		2573869		
120	24.8		0.0	48.4	





#75

2-Chlorotoluene

Concen: 151.687 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1496764

Ion Ratio Lower Upper

91 100

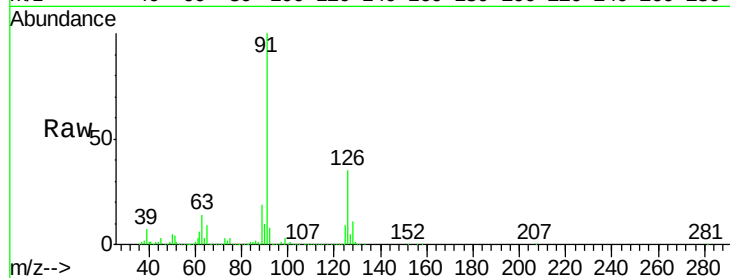
126 36.0 0.0 70.8

Manual Integrations

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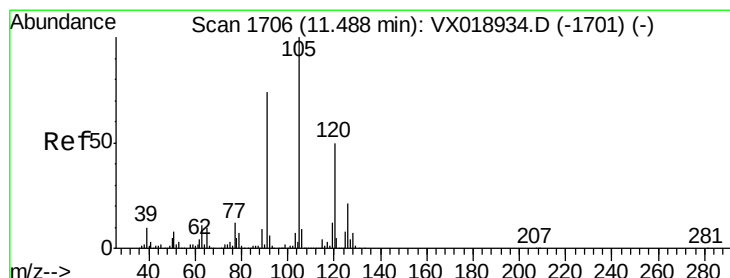
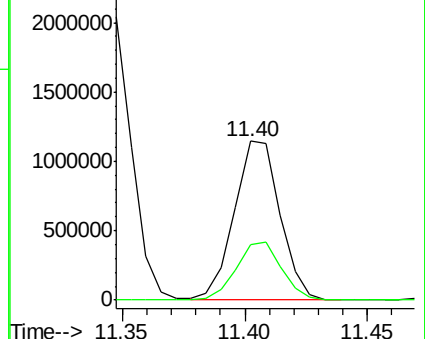
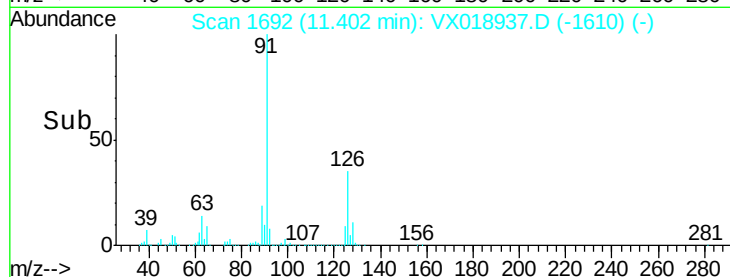
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX018937.D (-1610) (-)

Ion 126.00 (125.70 to 126.70): VX018937.D (-1610) (-)



#76

1,3,5-Trimethylbenzene

Concen: 159.807 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX018937.D

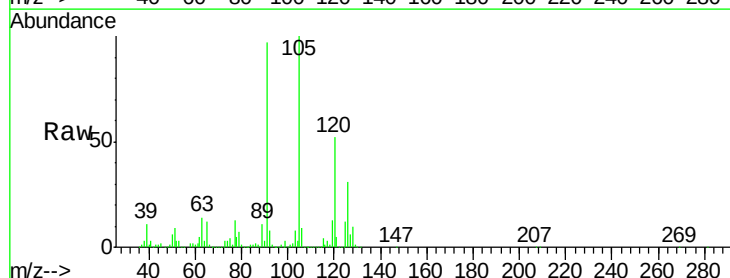
Acq: 15 Oct 2020 15:10

Tgt Ion: 105 Resp: 1942573

Ion Ratio Lower Upper

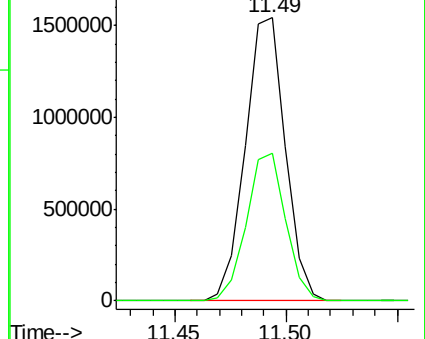
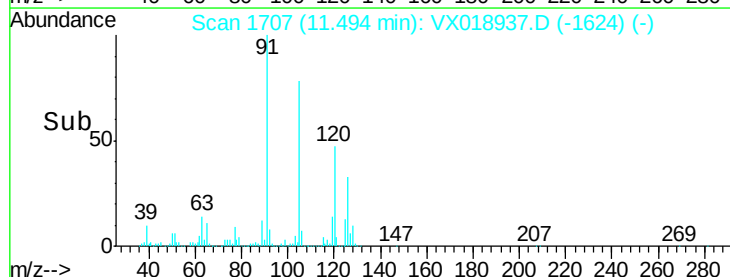
105 100

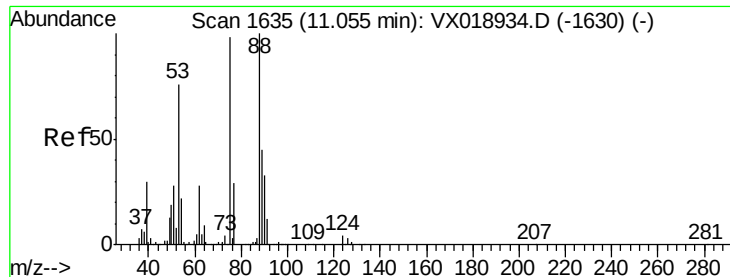
120 51.0 0.0 101.6



Abundance Ion 105.00 (104.70 to 105.70): VX018937.D (-1624) (-)

Ion 120.00 (119.70 to 120.70): VX018937.D (-1624) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 168.137 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

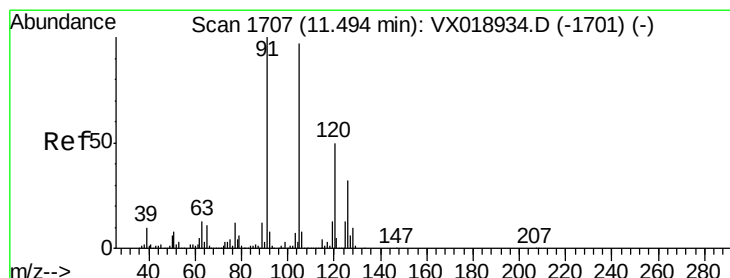
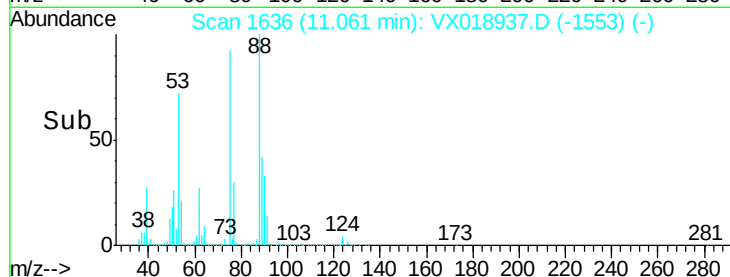
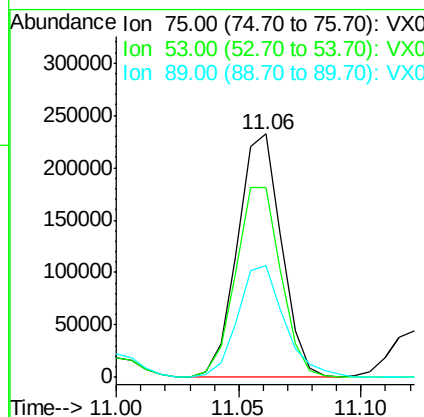
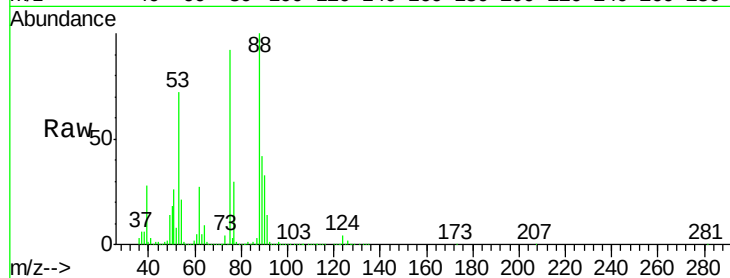
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	291052
Ion Ratio	Lower	Upper	
75	100		
53	78.0	38.8	116.3
89	45.8	22.9	68.8

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#78

4-Chlorotoluene

Concen: 154.929 ug/l

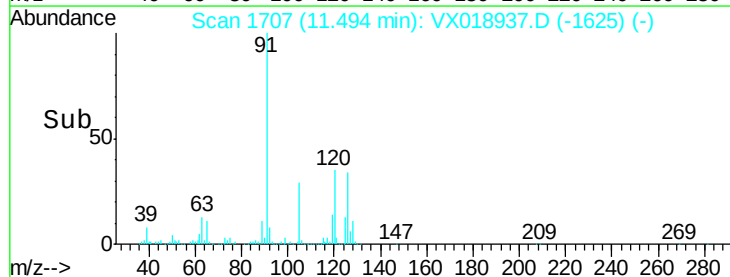
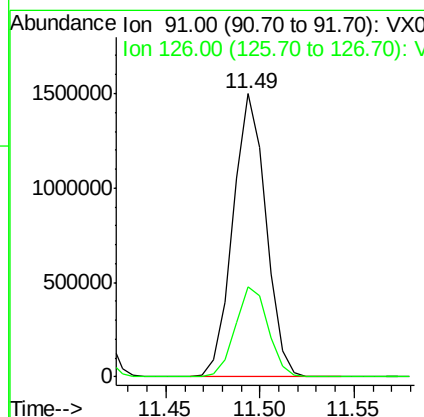
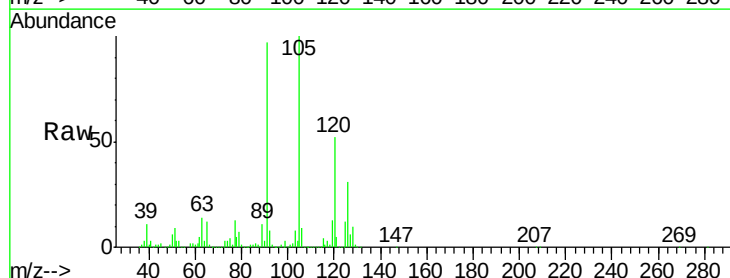
RT: 11.49 min Scan# 1707

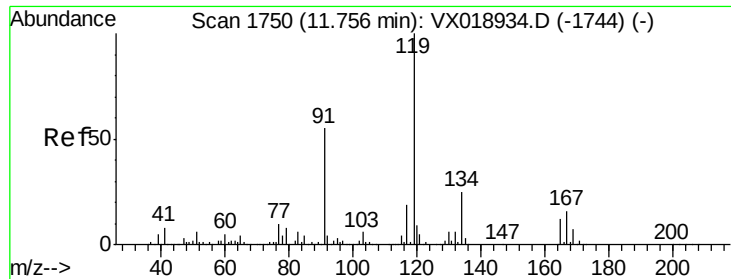
Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Tgt Ion:	91	Resp:	1818882
Ion Ratio	Lower	Upper	
91	100		
126	31.8	0.0	63.6





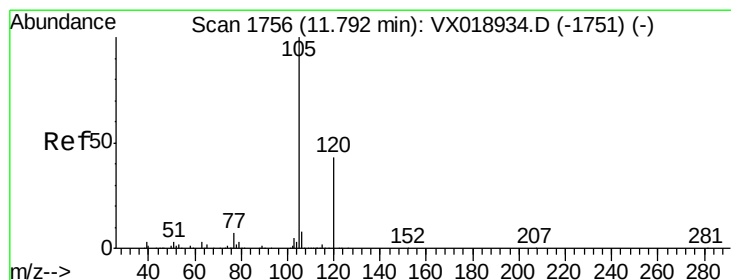
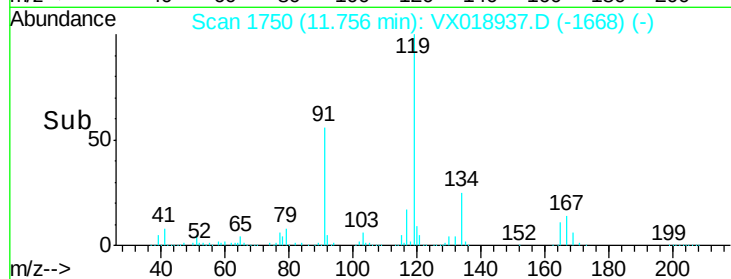
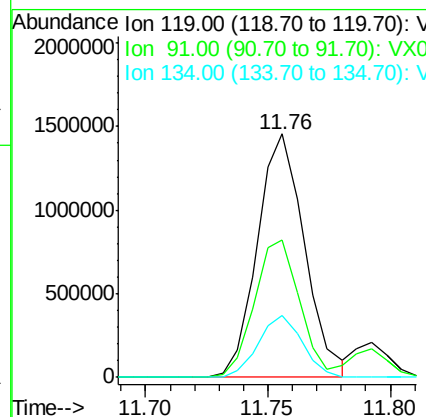
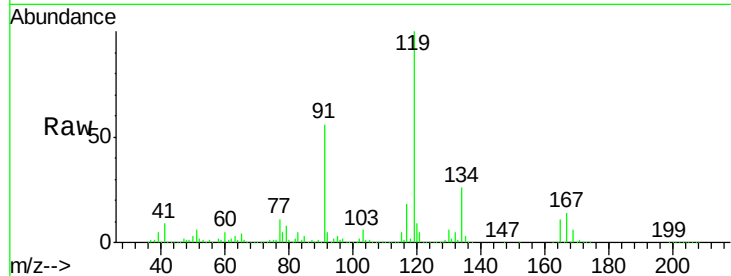
#79
tert-butylbenzene
Concen: 164.982 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.1	0.0	110.0
134	23.9	0.0	47.4

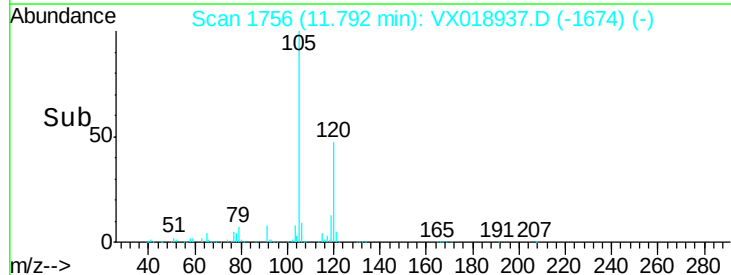
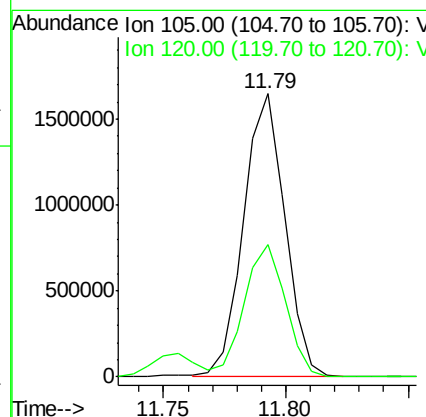
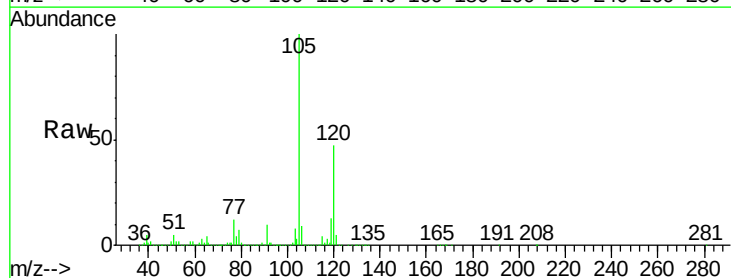
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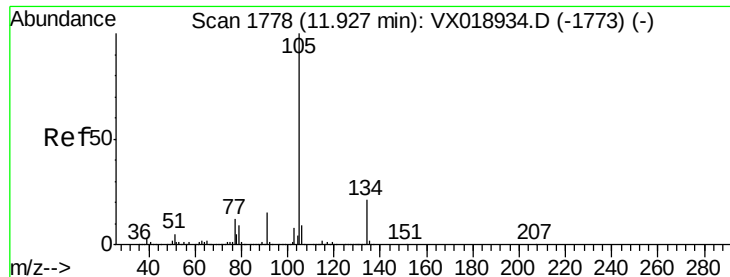
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 161.068 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	0.0	93.0





#81

sec-Butylbenzene

Concen: 162.551 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2239123

Ion Ratio Lower Upper

105 100

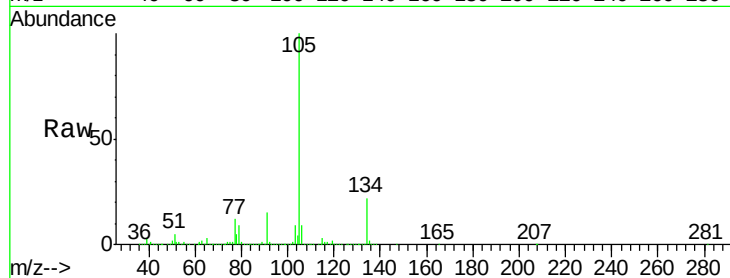
134 21.6 0.0 42.6

Manual Integrations

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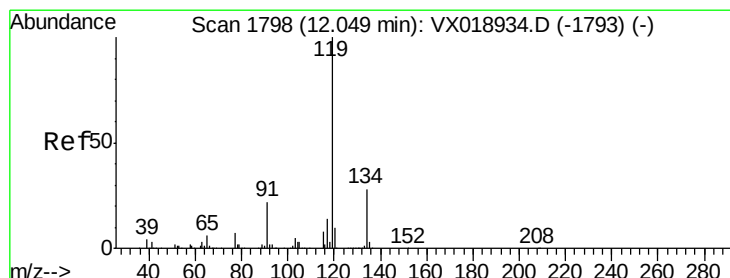
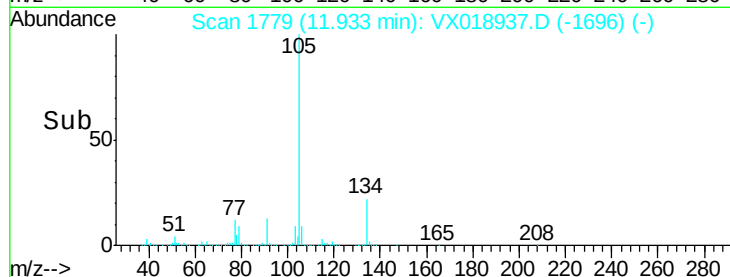
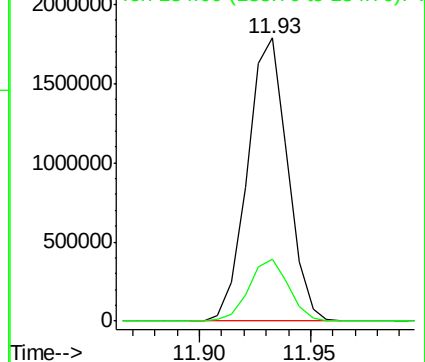
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 162.496 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

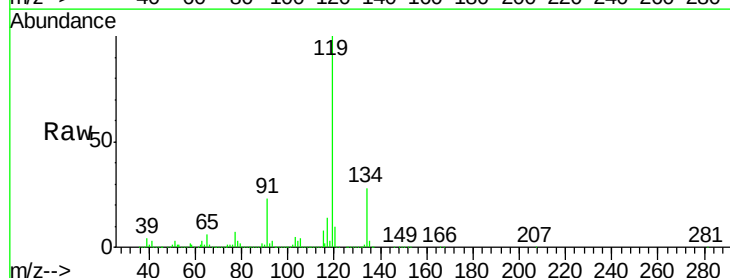
Tgt Ion:119 Resp: 2088533

Ion Ratio Lower Upper

119 100

134 27.9 0.0 54.8

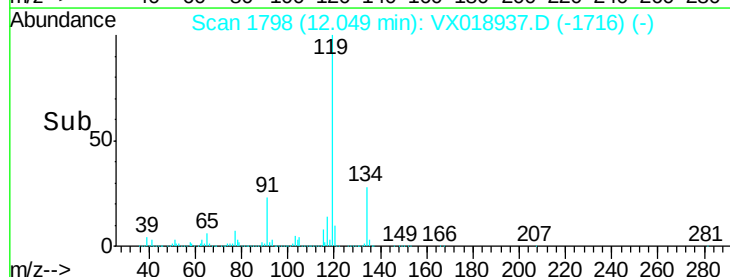
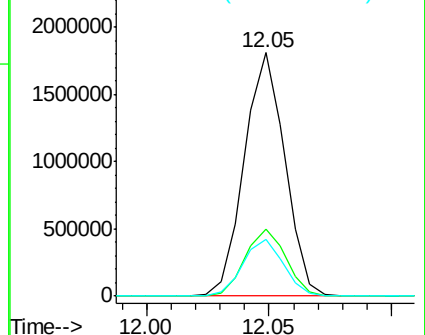
91 23.3 0.0 45.4

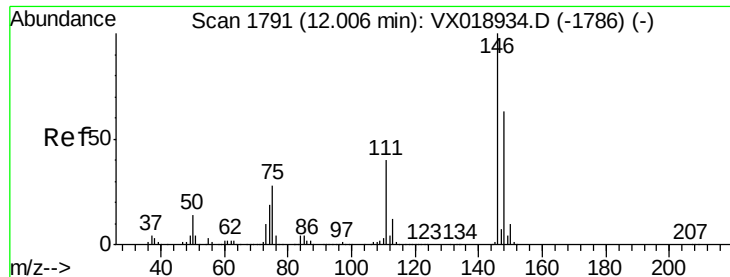


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





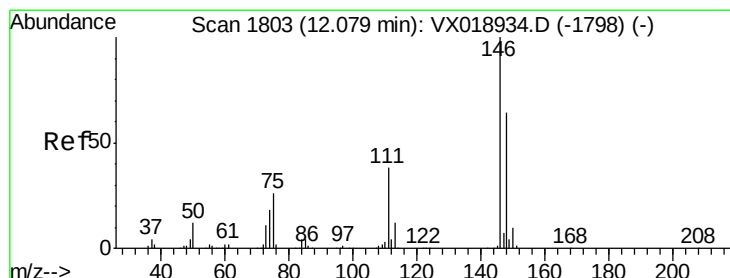
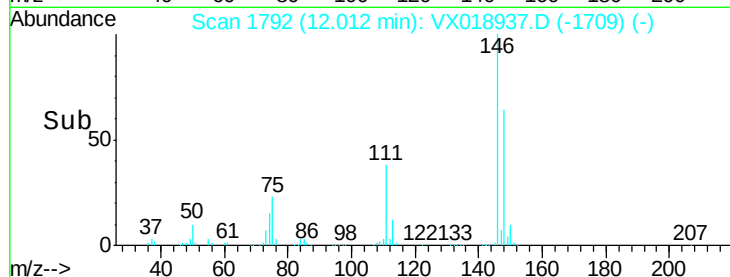
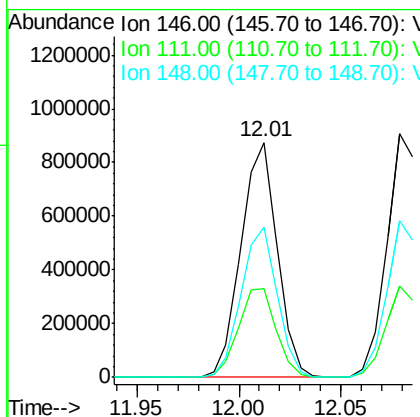
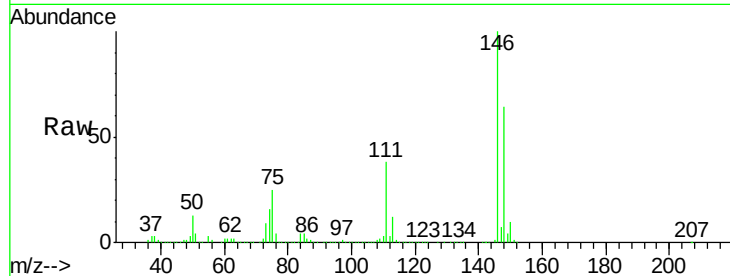
#83
 1,3-Dichlorobenzene
 Concen: 159.892 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018937.D
 Acq: 15 Oct 2020 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1077638
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.9 59.7
 148 64.0 31.9 95.5

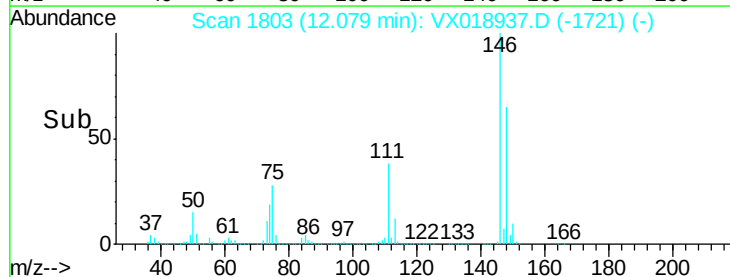
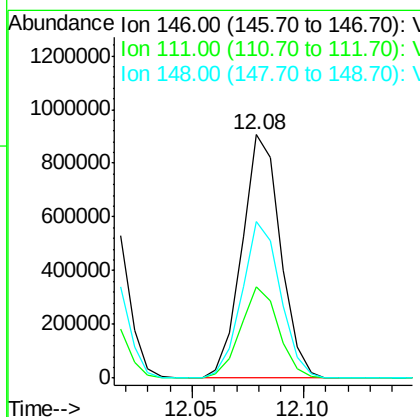
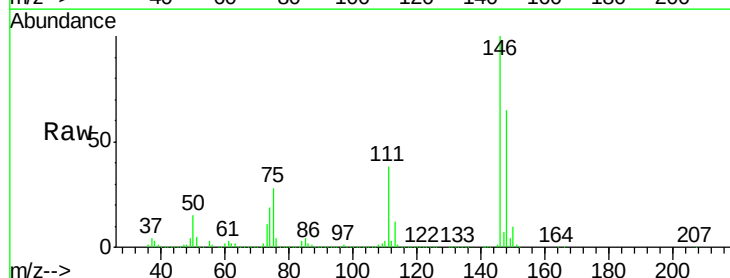
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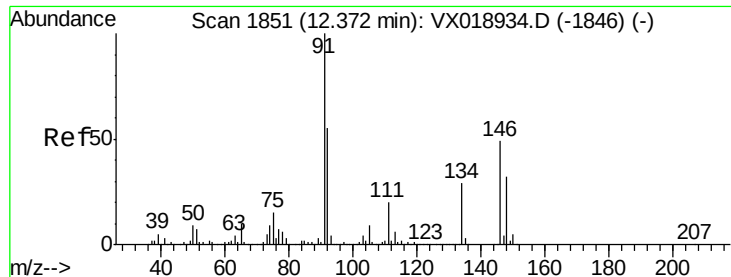
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#84
 1,4-Dichlorobenzene
 Concen: 162.093 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018937.D
 Acq: 15 Oct 2020 15:10

Tgt Ion:146 Resp: 1092752
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.6
 148 64.4 32.1 96.5





#85

n-Butylbenzene

Concen: 169.342 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 1920871

Ion Ratio Lower Upper

91 100

92 55.1 0.0 109.6

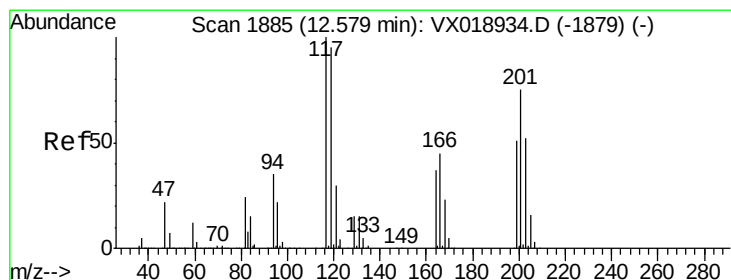
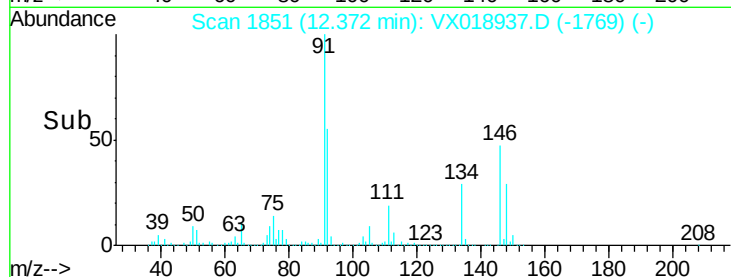
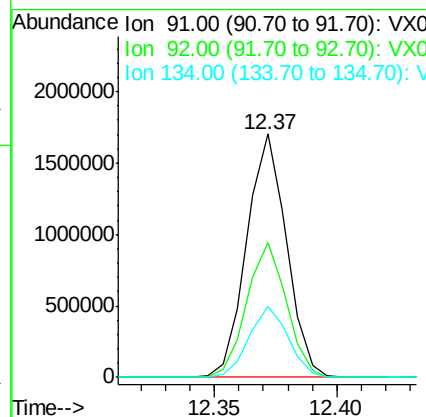
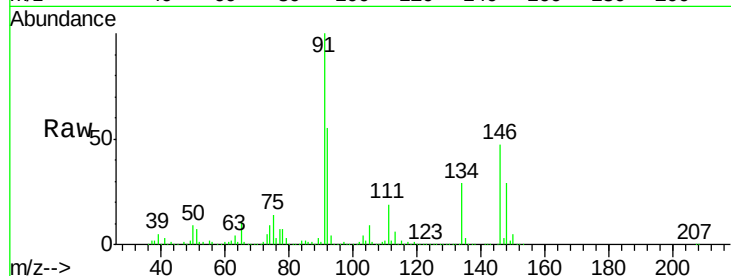
134 28.8 0.0 56.4

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#86

Hexachloroethane

Concen: 148.721 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018937.D

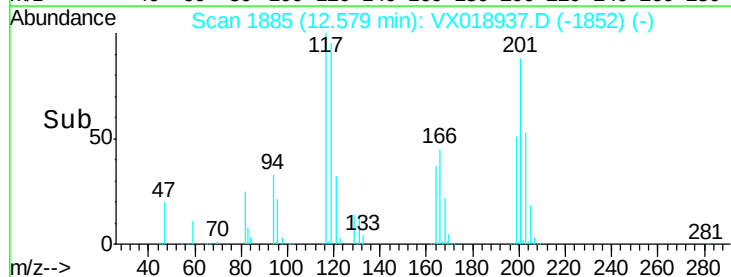
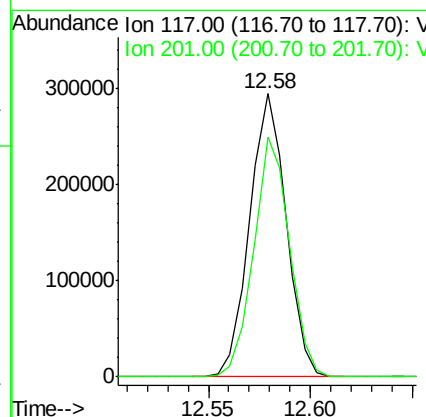
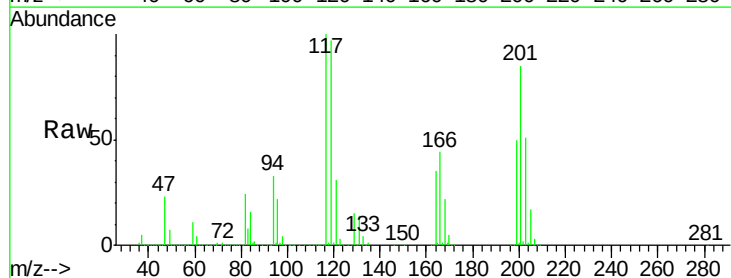
Acq: 15 Oct 2020 15:10

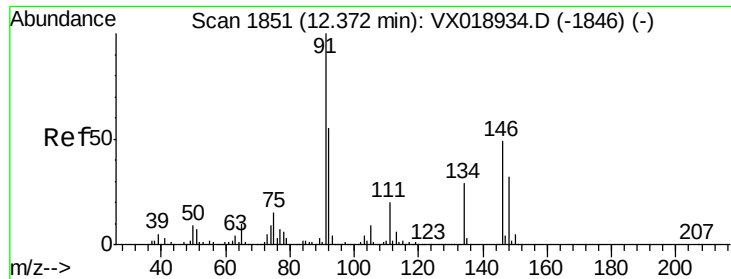
Tgt Ion: 117 Resp: 366723

Ion Ratio Lower Upper

117 100

201 83.2 38.9 116.6





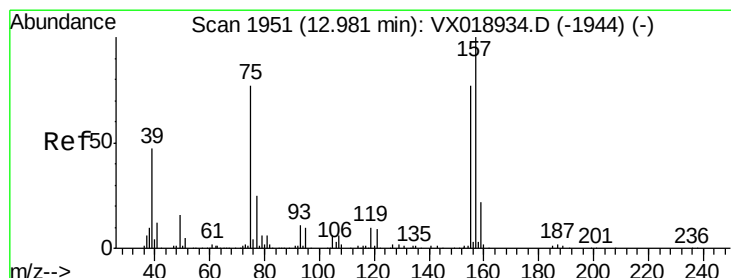
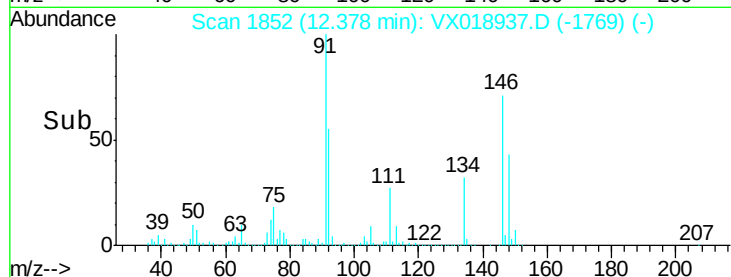
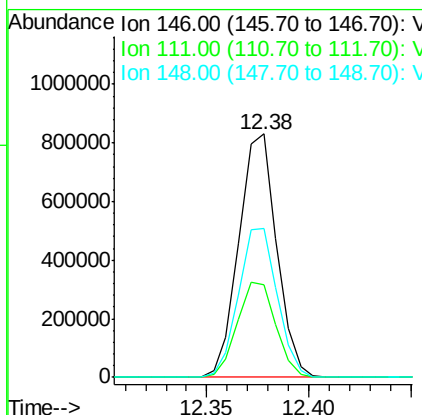
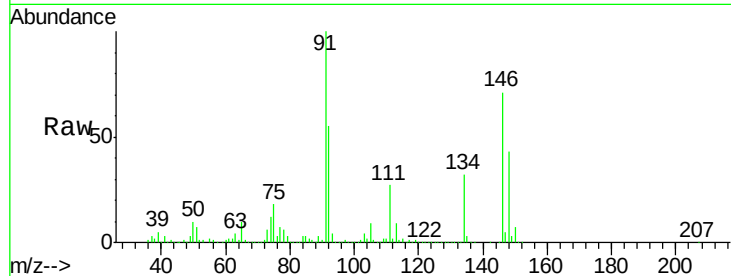
#87
 1,2-Dichlorobenzene
 Concen: 168.257 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX018937.D
 Acq: 15 Oct 2020 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1070491
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.9 59.6
 148 62.7 31.9 95.7

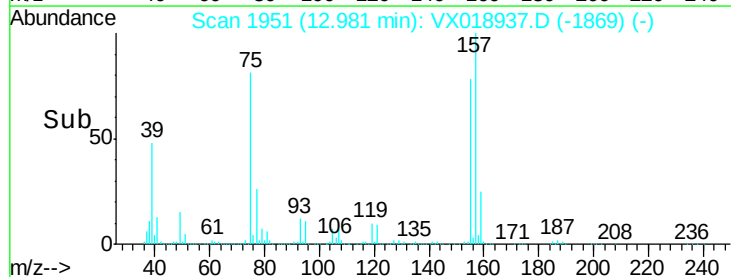
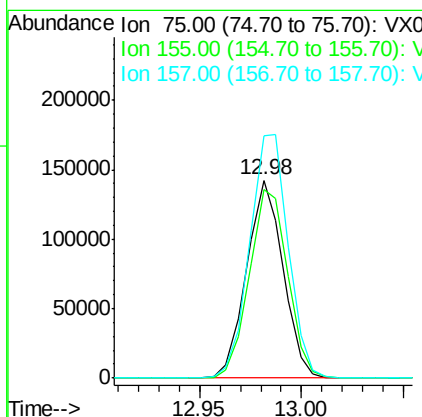
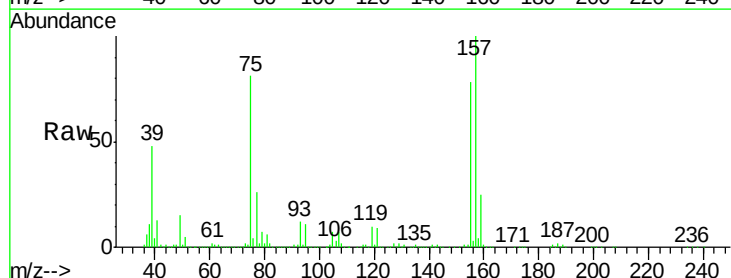
Manual Integrations
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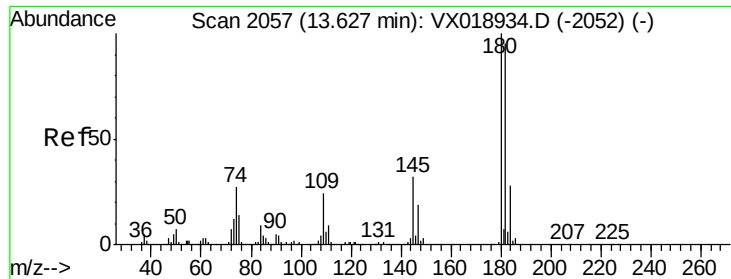
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 153.087 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018937.D
 Acq: 15 Oct 2020 15:10

Tgt Ion: 75 Resp: 176598
 Ion Ratio Lower Upper
 75 100
 155 100.3 79.3 118.9
 157 130.9 104.2 156.4





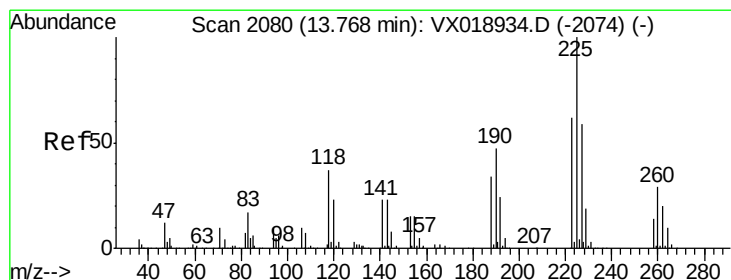
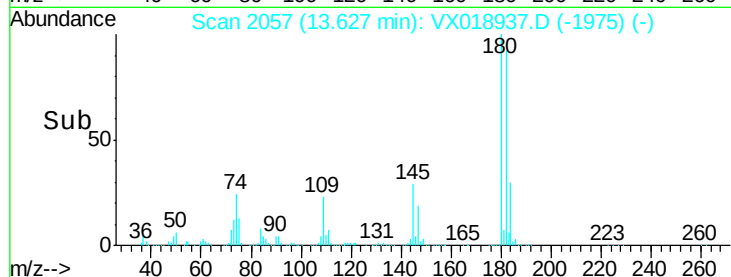
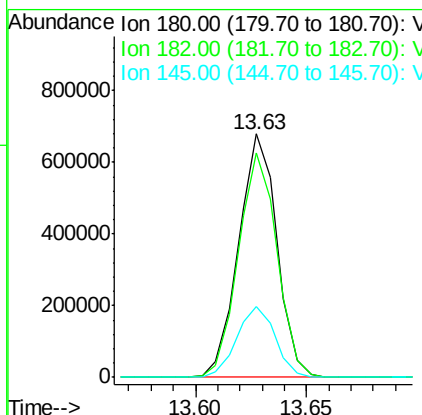
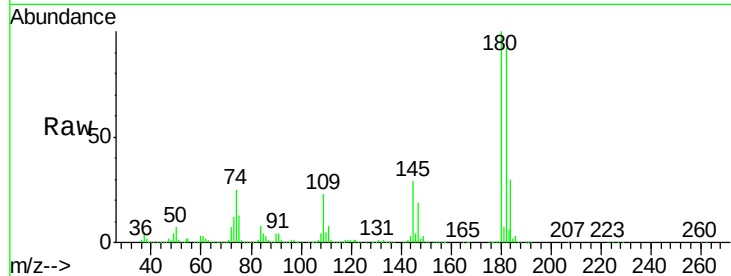
#89
1,2,4-Trichlorobenzene
Concen: 185.931 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	812166		
182	93.4	75.4	113.2	
145	29.5	24.8	37.2	

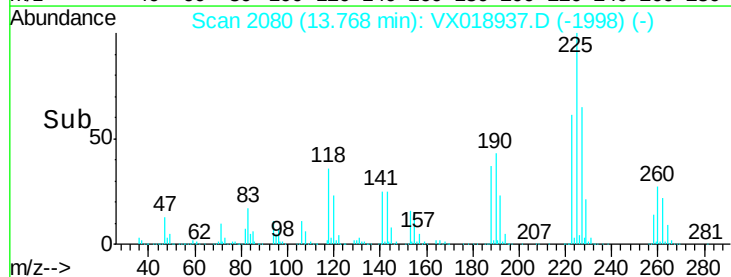
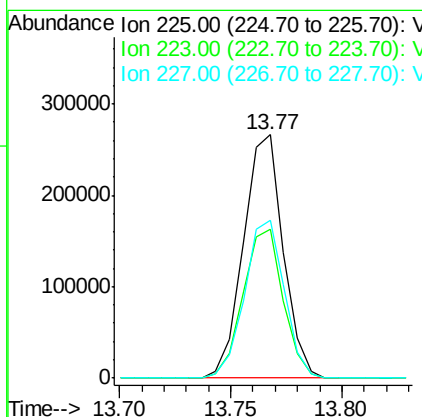
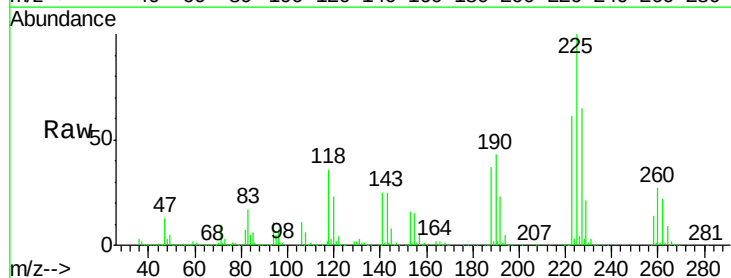
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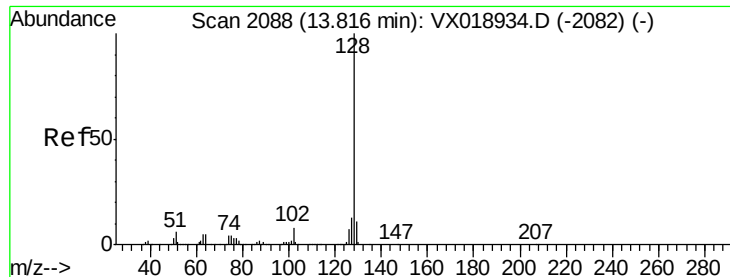
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#90
Hexachlorobutadiene
Concen: 181.490 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX018937.D
Acq: 15 Oct 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	331161		
223	61.9	0.0	128.8	
227	64.8	0.0	123.2	





#91

Naphthalene

Concen: 183.578 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 2533729

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

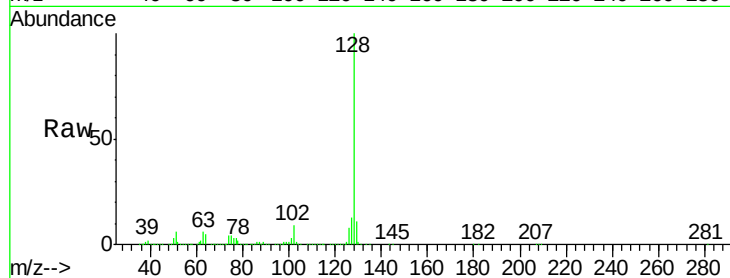
129 11.1 8.7 13.1

Manual Integrations

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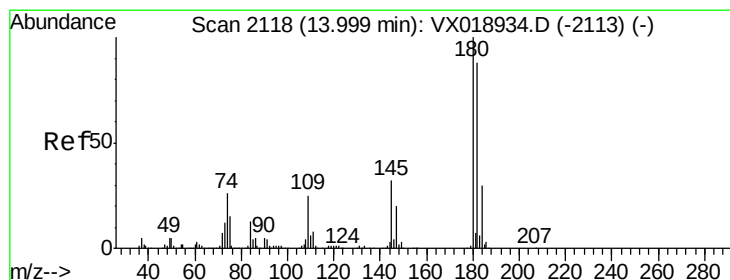
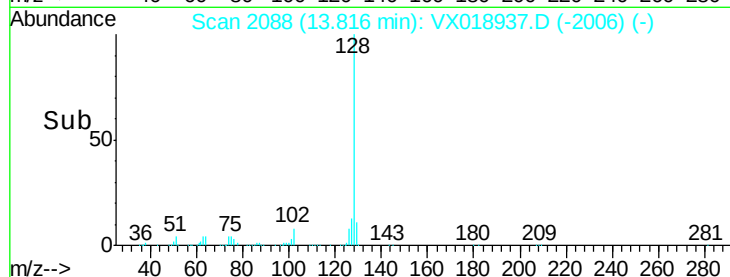
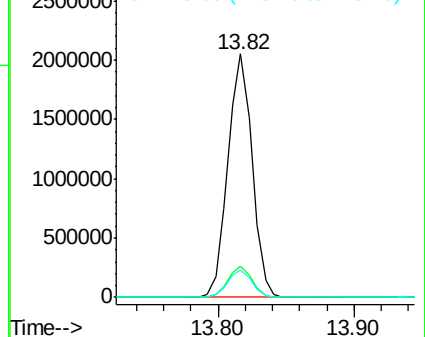
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 179.039 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018937.D

Acq: 15 Oct 2020 15:10

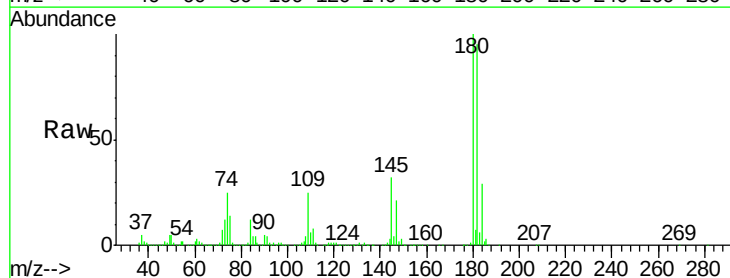
Tgt Ion:180 Resp: 772985

Ion Ratio Lower Upper

180 100

182 98.1 0.0 190.8

145 32.2 0.0 64.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

