

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018953.D
 Acq On : 15 Oct 2020 23:17
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
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 10/16/2020 2:11:22 PM

Quant Time: Oct 16 05:21:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 15:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	45703	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	254982	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	230680	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	92499	31.73	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.77%
60) 4-Bromofluorobenzene	11.12	95	106561	29.67	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.90%
63) Toluene-d8	8.70	98	307426	30.51	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	37456	17.286 ug/l	96
3) Chloromethane	1.31	50	44906	18.323 ug/l	100
4) Vinyl Chloride	1.39	62	59452	19.768 ug/l	99
5) Bromomethane	1.63	94	51723	29.041 ug/l	99
6) Chloroethane	1.72	64	40554	19.550 ug/l	98
7) Trichlorofluoromethane	1.92	101	92670	19.573 ug/l	99
8) Diethyl Ether	2.17	74	38037	20.409 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	42031	15.966 ug/l	95
10) 1,1-Dichloroethene	2.36	96	46058	16.834 ug/l	100
11) Methyl Iodide	2.49	142	37229	11.460 ug/l	99
12) Methyl Acetate	2.75	43	52160	19.441 ug/l	98
13) Acrolein	2.28	56	46796	91.212 ug/l	98
14) Acrylonitrile	3.12	53	120059	96.182 ug/l	98
15) Acetone	2.42	58	36841	87.686 ug/l	96
16) Carbon Disulfide	2.55	76	123928	18.469 ug/l	100
17) Allyl chloride	2.71	41	63500	17.886 ug/l	94
18) Methylene Chloride	2.84	84	51524	18.687 ug/l	97
19) trans-1,2-Dichloroethene	3.14	96	50480	18.319 ug/l	96
20) Diisopropyl ether	3.82	45	127299	19.322 ug/l	95
21) 1,1-Dichloroethane	3.67	63	85902	19.076 ug/l	99
22) cis-1,2-Dichloroethene	4.56	96	58770	18.837 ug/l	98
23) tert-Butyl Alcohol	3.01	59	66475	95.654 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	144776	19.162 ug/l	99
25) Chloroform	5.18	83	93223	19.503 ug/l	96
26) Cyclohexane	5.55	56	67562	18.637 ug/l	# 99
29) 1,1-Dichloropropene	5.77	75	68412	18.505 ug/l	98
30) 2-Butanone	4.64	43	177737	96.478 ug/l	99
31) 2,2-Dichloropropane	4.55	77	66339	15.233 ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	84067	18.736 ug/l	99
33) Carbon Tetrachloride	5.76	117	75879	18.452 ug/l	97
34) Benzene	6.11	78	209075	19.083 ug/l	97
35) Methacrylonitrile	5.00	41	36732	19.267 ug/l	96
36) 1,2-Dichloroethane	6.17	62	70802	19.659 ug/l	100
37) Trichloroethene	7.19	130	57327	17.830 ug/l	88
38) Methylcyclohexane	7.44	83	75838	17.993 ug/l	97
39) 1,2-Dichloropropane	7.49	63	50944	19.011 ug/l	98
40) Dibromomethane	7.63	93	36839	18.716 ug/l	96

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Quant Time: Oct 16 05:21:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 15:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	76828	19.176	ug/l	98
42) Vinyl Acetate	3.79	43	628995	95.322	ug/l	99
43) Ethyl Acetate	4.79	43	69240	18.160	ug/l	98
44) Isopropyl Acetate	6.42	43	117052	19.118	ug/l	# 100
45) 1,4-Dioxane	7.71	88	24712	378.186	ug/l	97
46) Methyl methacrylate	7.74	41	54476	19.137	ug/l	98
47) n-amyl Acetate	10.88	43	94282	18.436	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	83591	18.271	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	89276	18.351	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	54306	19.227	ug/l	98
51) Ethyl methacrylate	9.16	69	84311	18.966	ug/l	99
52) 1,3-Dichloropropane	9.35	76	91486	19.629	ug/l	99
53) Dibromochloromethane	9.57	129	62330	18.553	ug/l	98
54) 1,2-Dibromoethane	9.65	107	59735	19.239	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	219925	93.783	ug/l	99
56) Bromoform	10.84	173	45841	17.676	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	351758	95.559	ug/l	100
59) 2-Hexanone	9.47	43	265825	94.312	ug/l	99
61) Tetrachloroethene	9.32	164	51059	18.000	ug/l	99
62) Toluene	8.76	91	233908	18.924	ug/l	99
64) Chlorobenzene	10.12	112	146181	18.592	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	56006	18.352	ug/l	98
66) Ethyl Benzene	10.23	91	255978	18.686	ug/l	99
67) m/p-Xylenes	10.34	106	196213	36.559	ug/l	98
68) o-Xylene	10.68	106	95413	18.798	ug/l	100
69) Styrene	10.70	104	158369	18.151	ug/l	99
70) Isopropylbenzene	11.00	105	249535	18.504	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	78991	18.805	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	71748m	18.281	ug/l	
73) Bromobenzene	11.24	156	61549	17.725	ug/l	96
74) n-propylbenzene	11.34	91	276204	17.980	ug/l	100
75) 2-Chlorotoluene	11.40	91	164568	18.533	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	205146	18.165	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	28647	16.859	ug/l	96
78) 4-Chlorotoluene	11.49	91	189295	18.106	ug/l	98
79) tert-butylbenzene	11.76	119	210932	18.440	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	206830	18.380	ug/l	100
81) sec-Butylbenzene	11.93	105	239139	18.231	ug/l	99
82) p-Isopropyltoluene	12.05	119	216190	17.681	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	108334	17.536	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	112053	17.994	ug/l	100
85) n-Butylbenzene	12.37	91	183506	16.771	ug/l	99
86) Hexachloroethane	12.58	117	36476	17.584	ug/l	97
87) 1,2-Dichlorobenzene	12.37	146	107202	17.927	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	18732	18.420	ug/l	93
89) 1,2,4-Trichlorobenzene	13.63	180	71490	16.371	ug/l	99
90) Hexachlorobutadiene	13.76	225	29695	16.279	ug/l	96
91) Naphthalene	13.82	128	256410	18.005	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	70151	16.475	ug/l	98

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QLast Update : Thu Oct 15 15:32:58 2020
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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

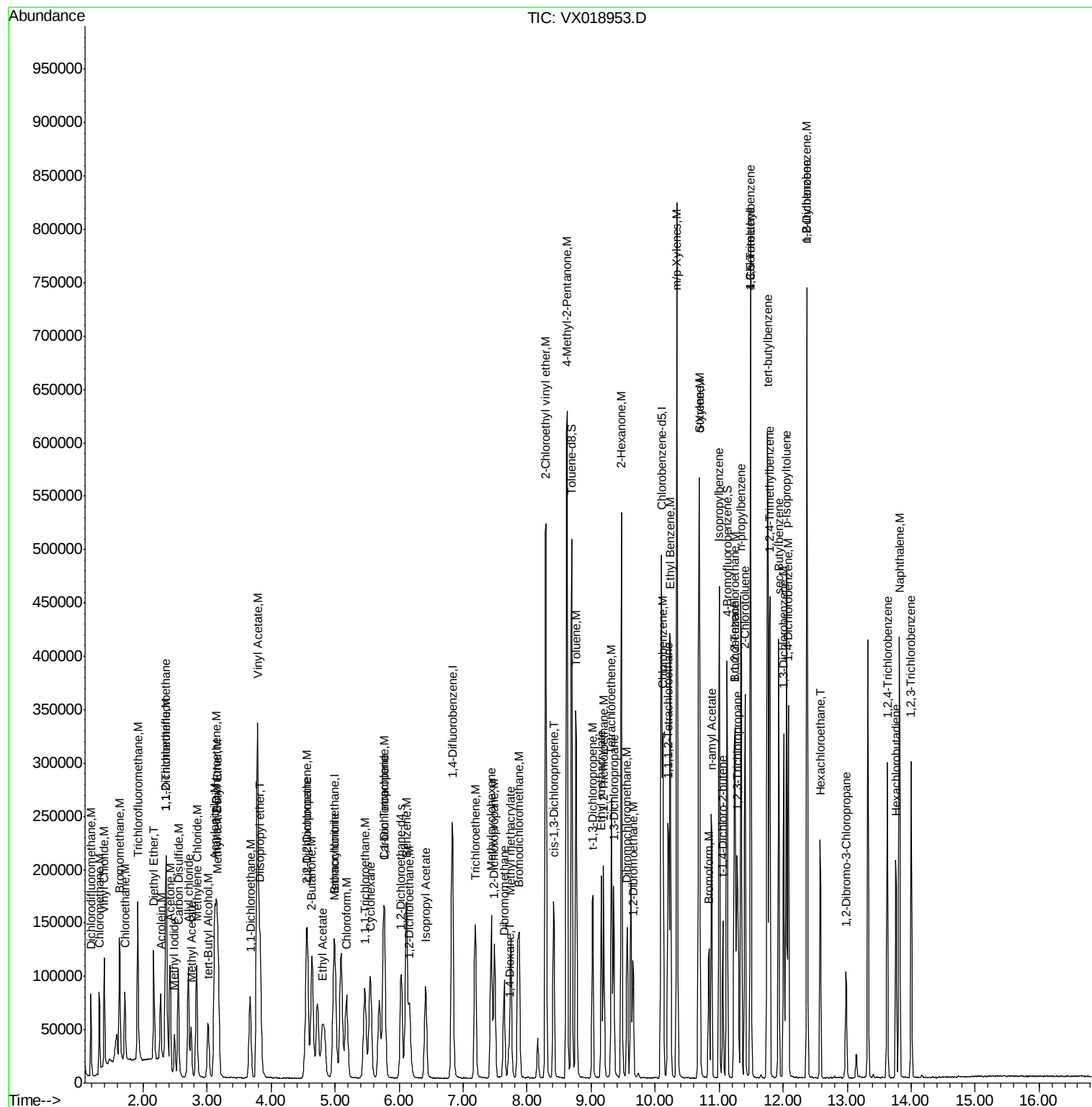
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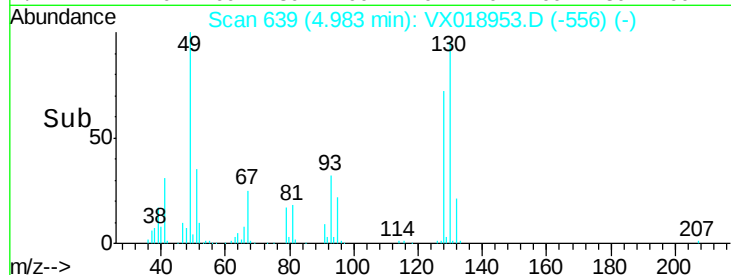
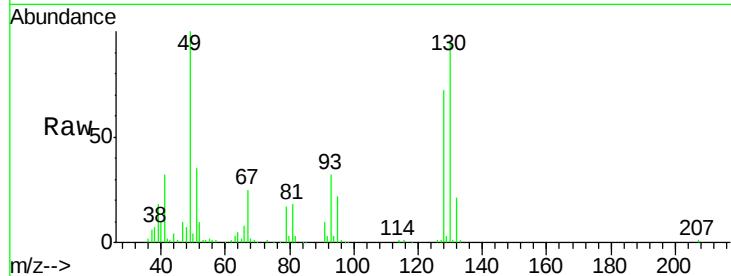
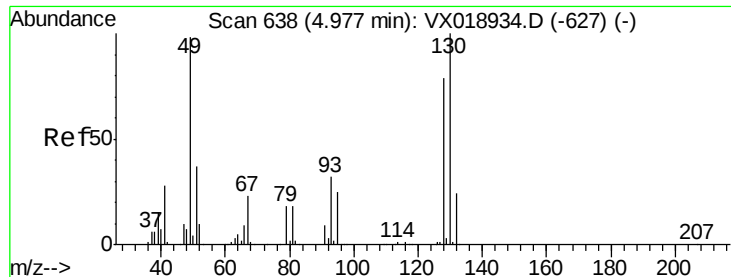
Instrument :
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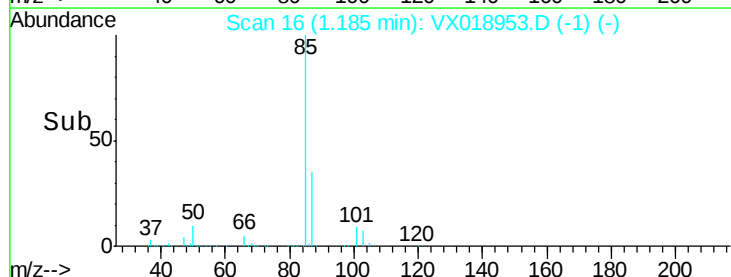
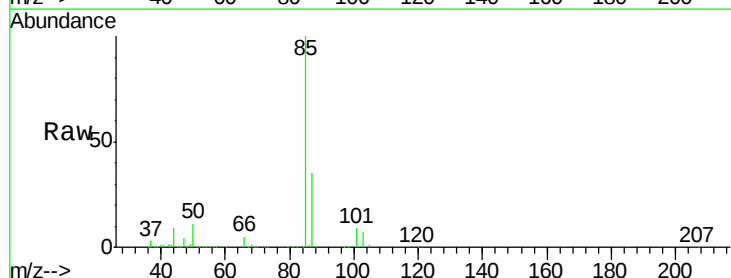
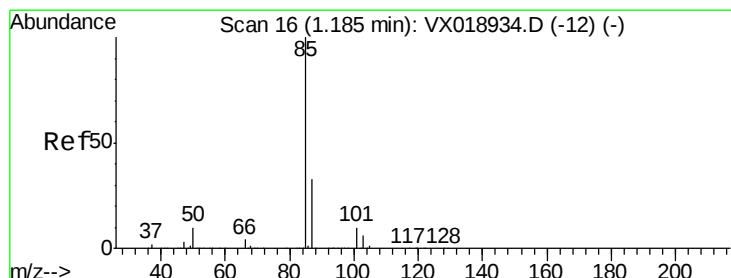
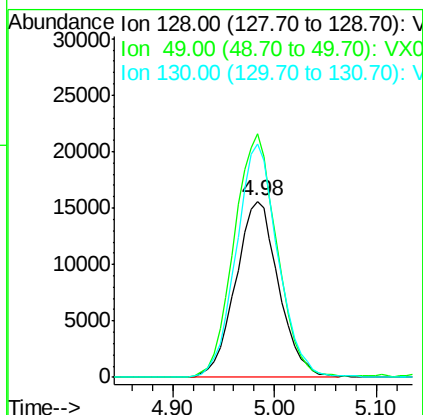
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tot Ion	Ratio	Lower	Upper
128	100		
49	137.8	0.0	330.5
130	128.7	0.0	323.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

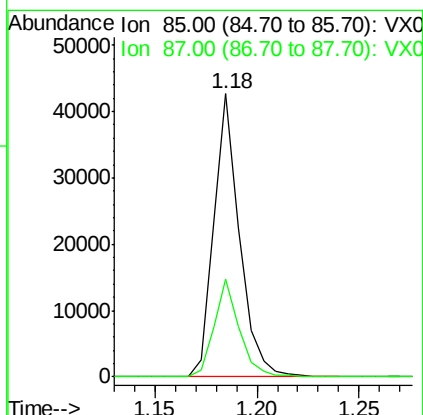
Manual Integrations
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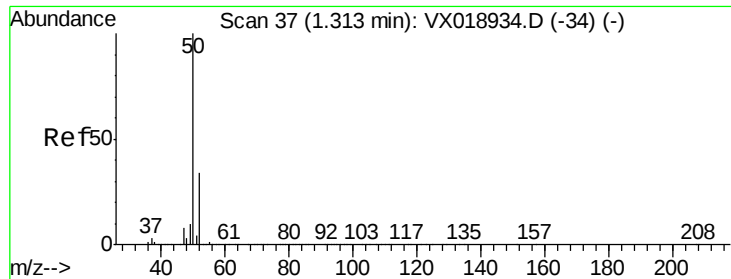
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#2
Dichlorodifluoromethane
Concen: 17.286 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.6	16.3	48.8





#3

Chloromethane

Concen: 18.323 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 44906

Ion Ratio Lower Upper

50 100

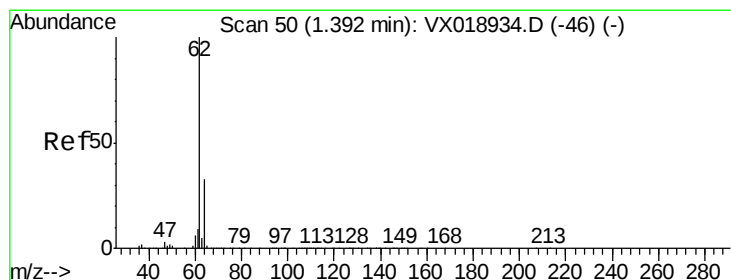
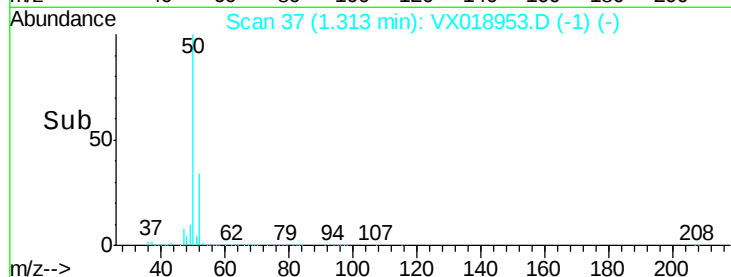
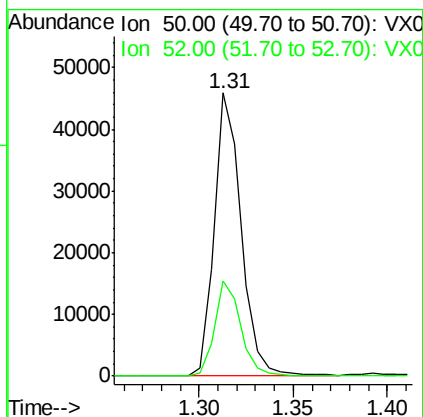
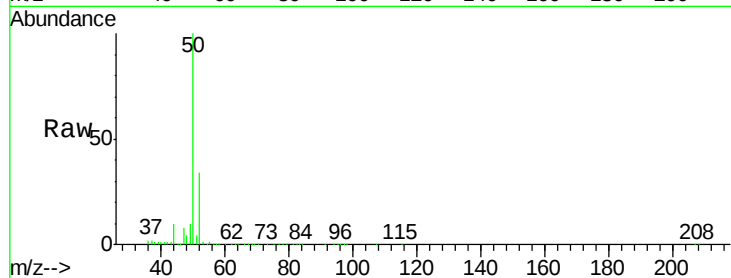
52 33.5 27.0 40.4

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#4

Vinyl Chloride

Concen: 19.768 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018953.D

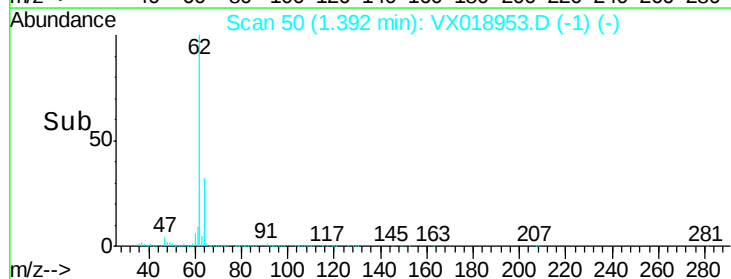
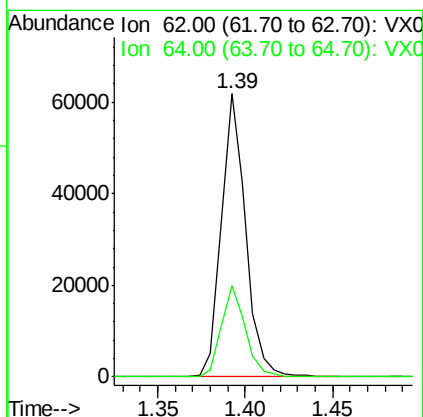
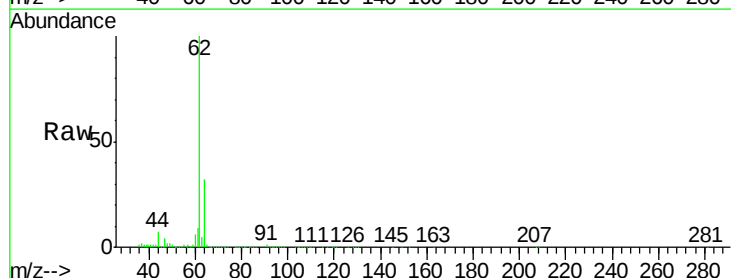
Acq: 15 Oct 2020 23:17

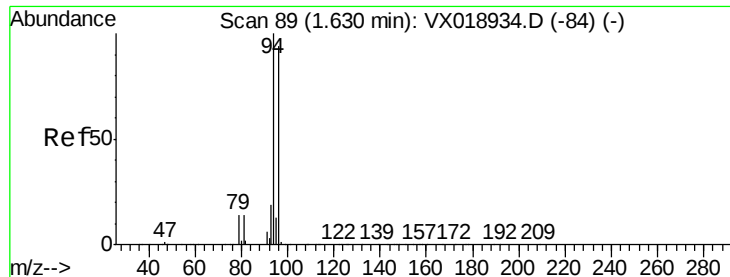
Tgt Ion: 62 Resp: 59452

Ion Ratio Lower Upper

62 100

64 32.0 26.1 39.1





#5

Bromomethane

Concen: 29.041 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

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ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 51723

Ion Ratio Lower Upper

94 100

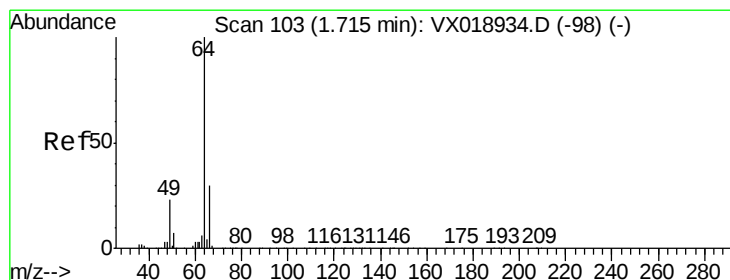
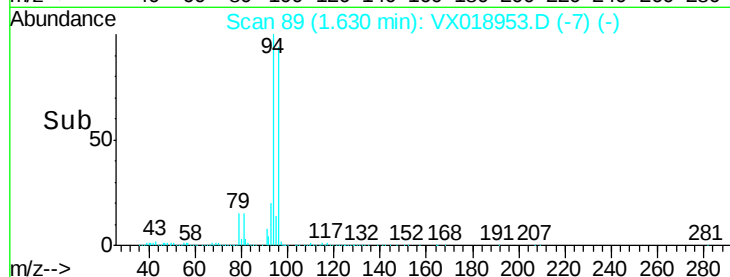
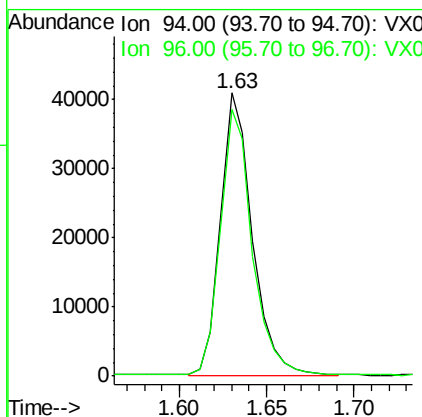
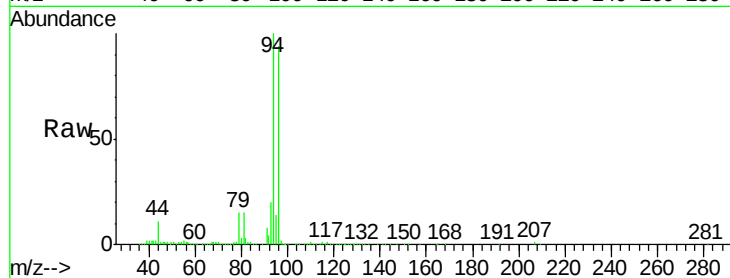
96 94.1 75.9 113.9

Manual Integrations

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#6

Chloroethane

Concen: 19.550 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018953.D

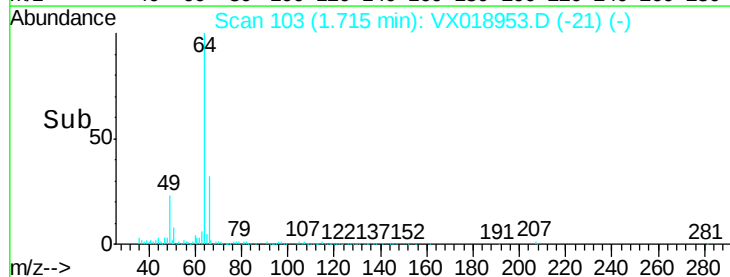
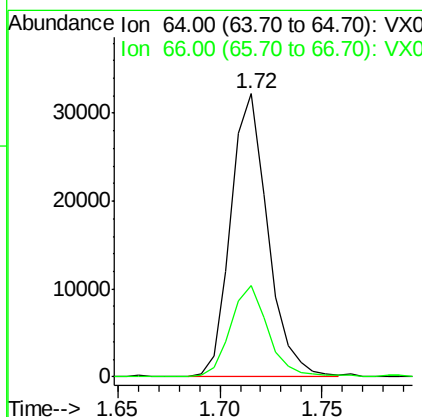
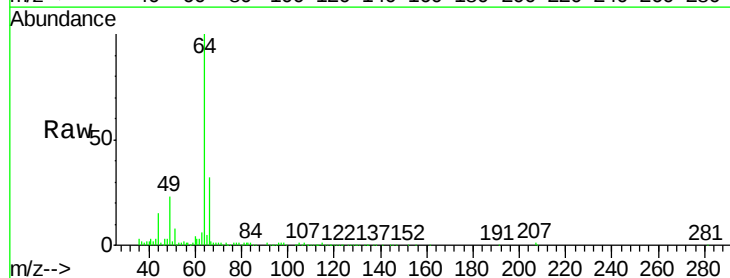
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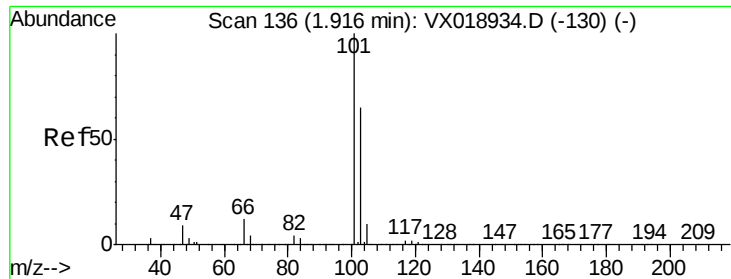
Tgt Ion: 64 Resp: 40554

Ion Ratio Lower Upper

64 100

66 31.8 24.5 36.7





#7

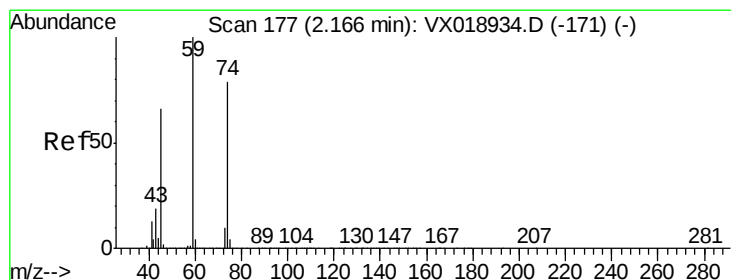
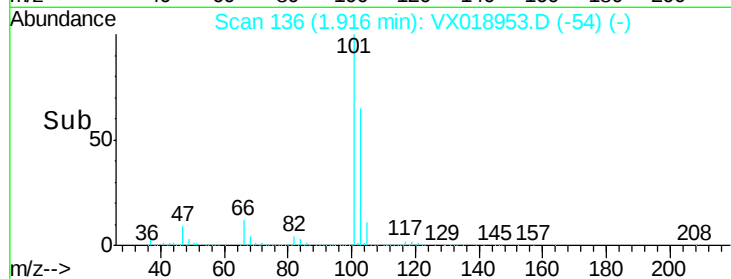
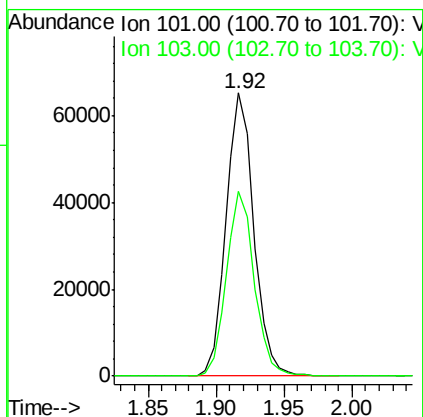
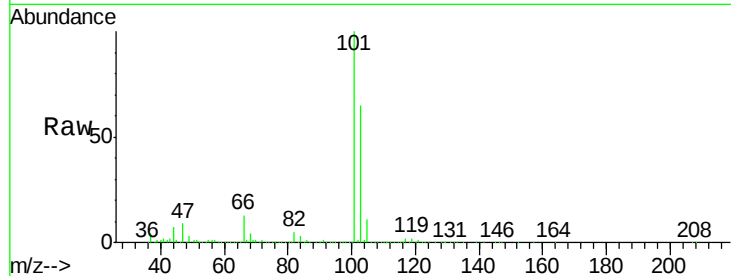
Trichlorofluoromethane
Concen: 19.573 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.8	77.6

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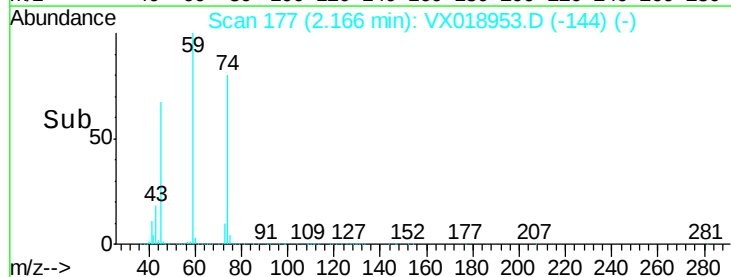
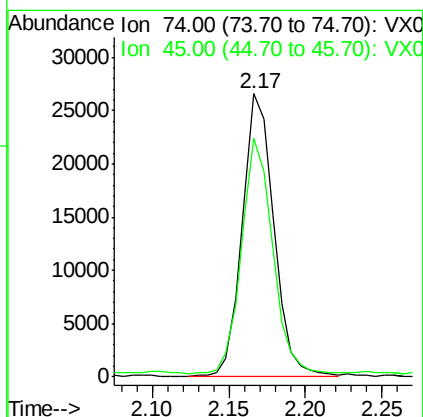
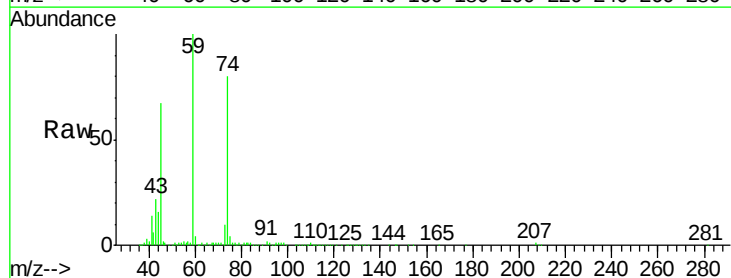
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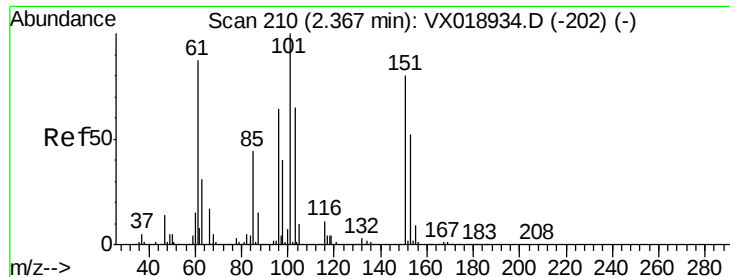


#8

Diethyl Ether
Concen: 20.409 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018953.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.1	16.6	149.2





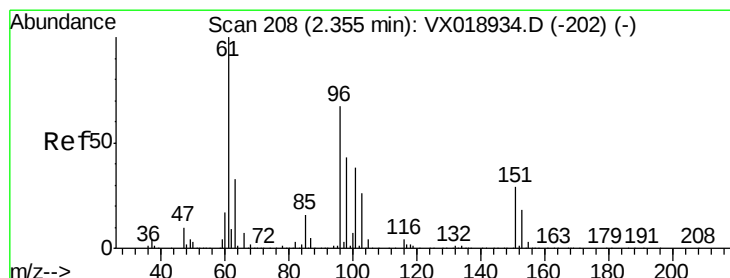
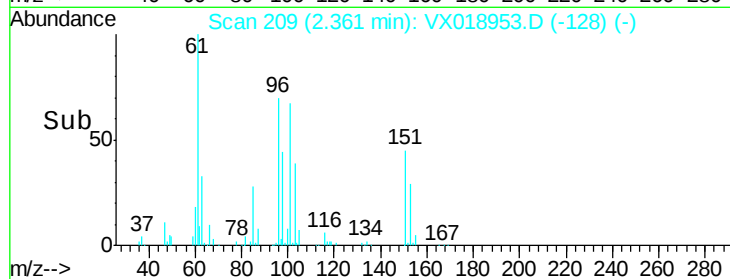
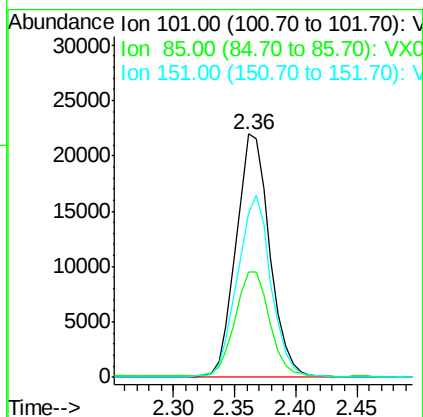
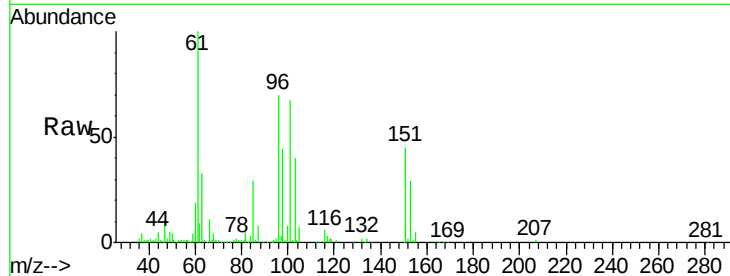
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 15.966 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. -0.01 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.2	0.0	85.4
151	74.4	0.0	157.6

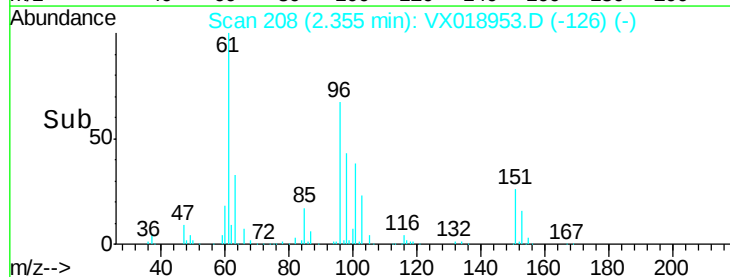
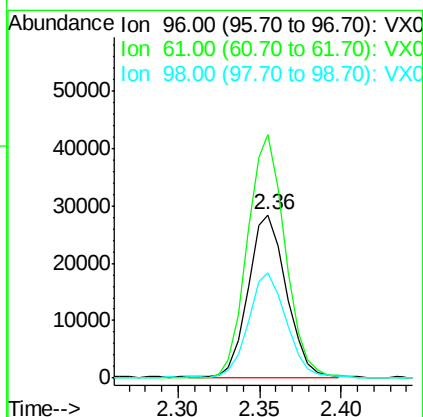
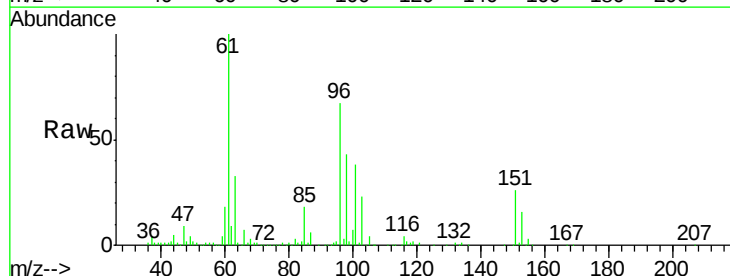
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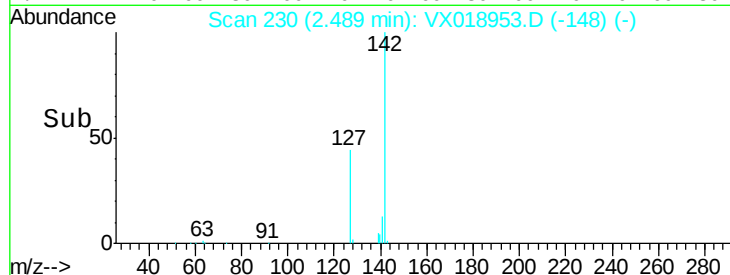
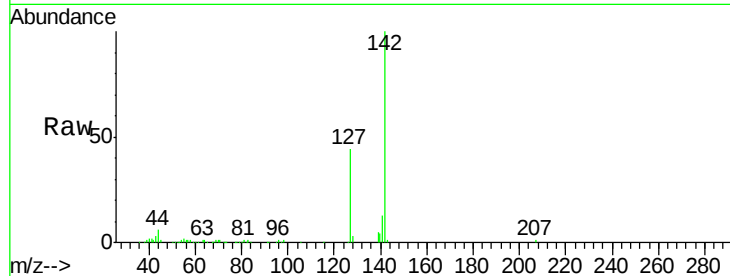
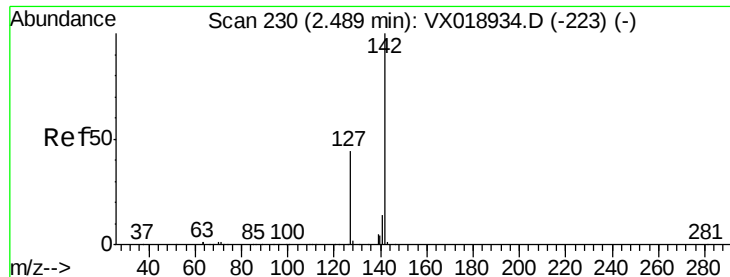
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#10
 1,1-Dichloroethene
 Concen: 16.834 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.8	120.2	180.4
98	64.3	51.4	77.0





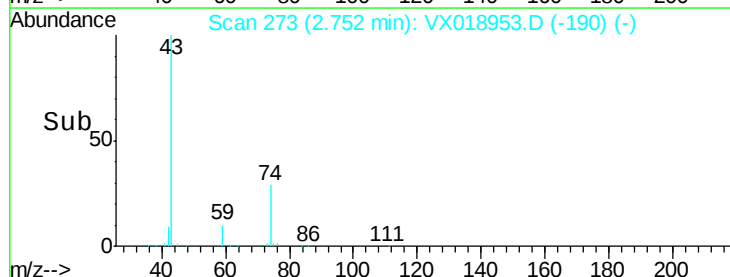
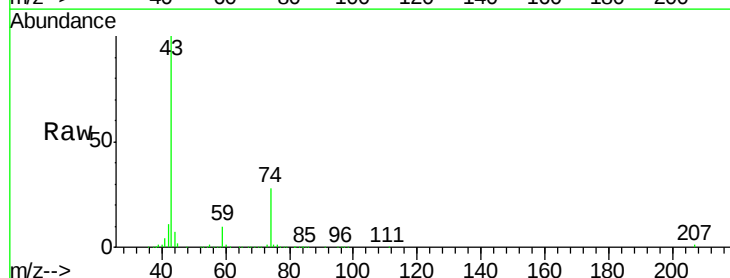
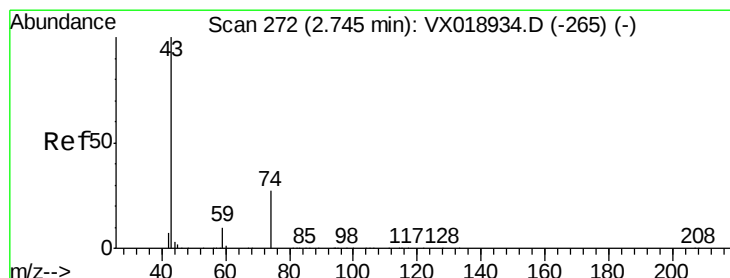
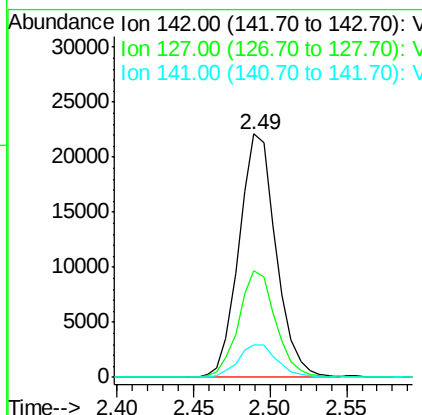
#11
Methyl Iodide
Concen: 11.460 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.5	22.1	66.1
141	13.5	7.0	21.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

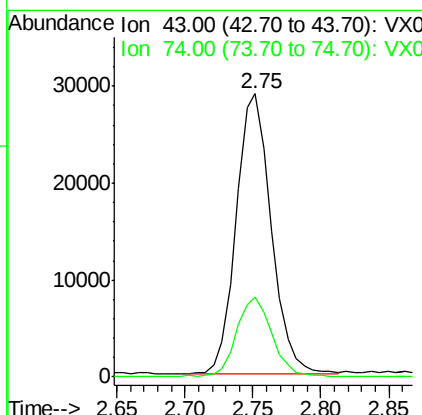
Manual Integrations
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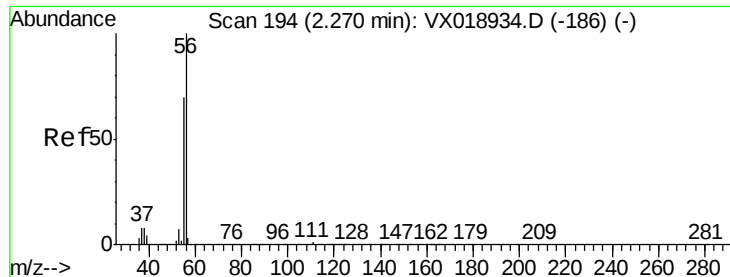
apatel
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#12
Methyl Acetate
Concen: 19.441 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.1	21.6	32.4





#13

Acrolein

Concen: 91.212 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 46796

Ion Ratio Lower Upper

56 100

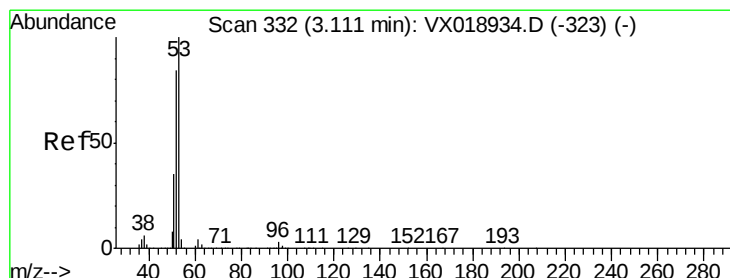
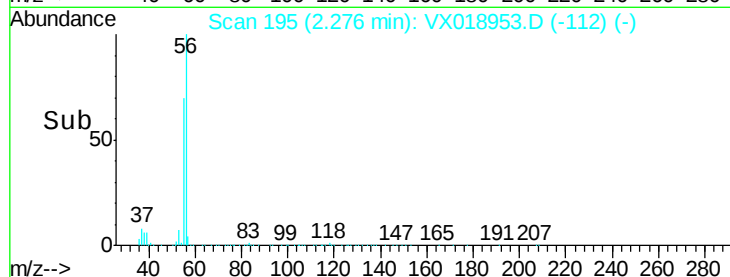
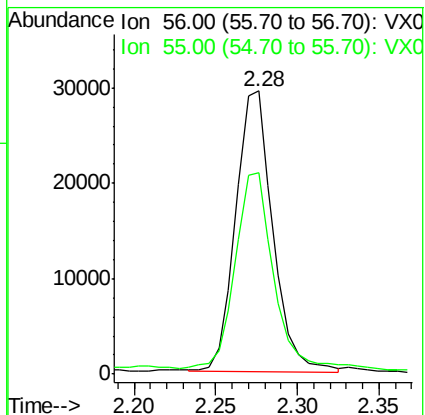
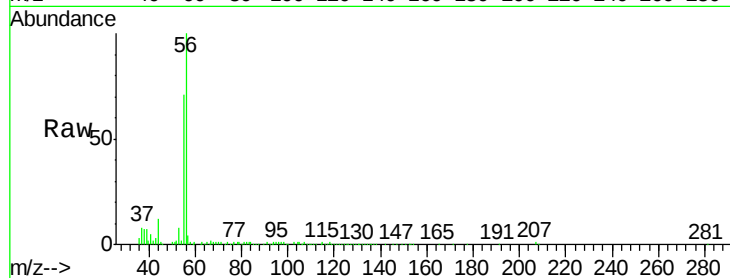
55 73.3 57.1 85.7

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#14

Acrylonitrile

Concen: 96.182 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

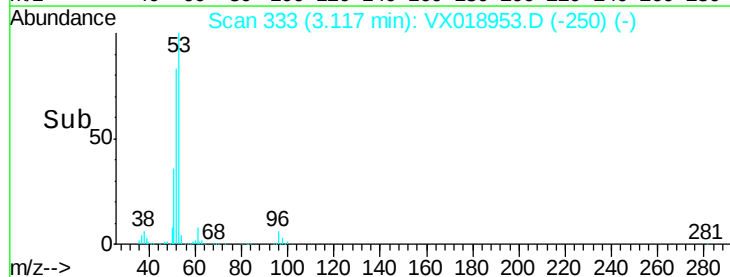
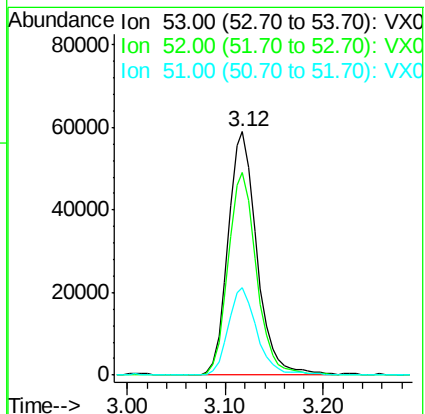
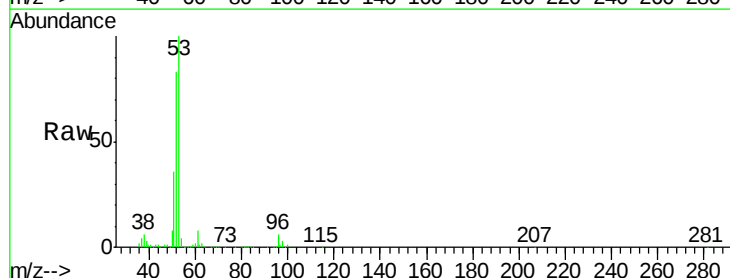
Tgt Ion: 53 Resp: 120059

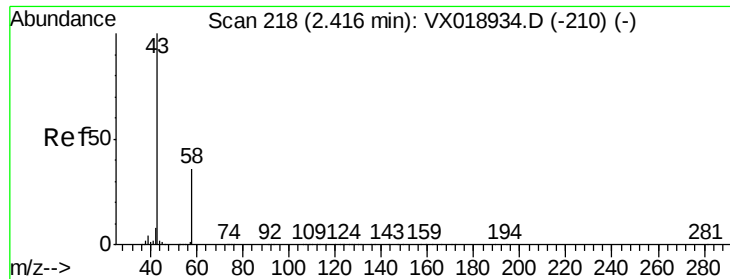
Ion Ratio Lower Upper

53 100

52 82.2 40.3 120.8

51 34.5 17.6 52.8





#15

Acetone

Concen: 87.686 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 36841

Ion Ratio Lower Upper

58 100

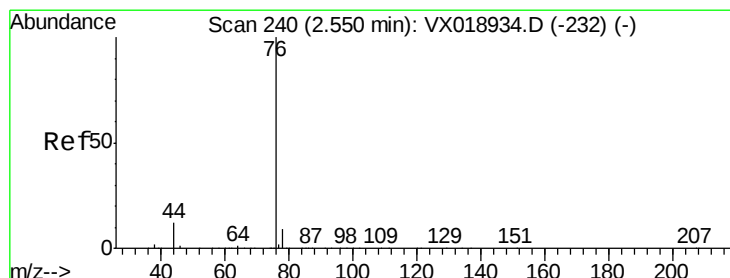
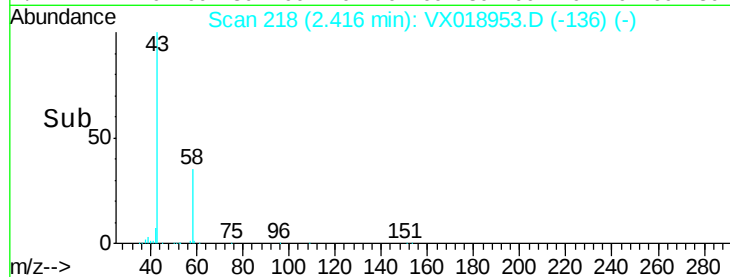
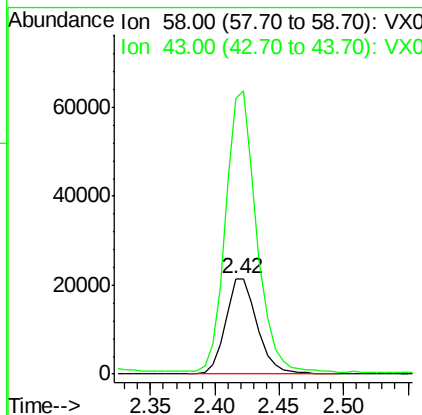
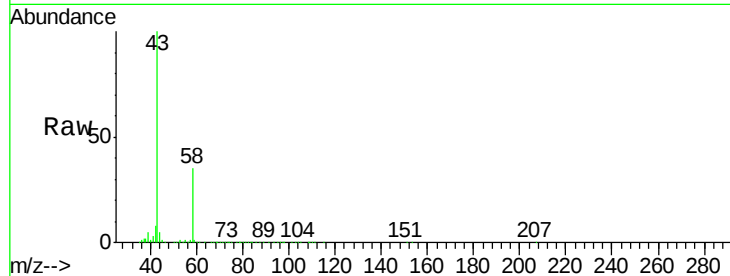
43 286.8 223.8 335.8

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#16

Carbon Disulfide

Concen: 18.469 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018953.D

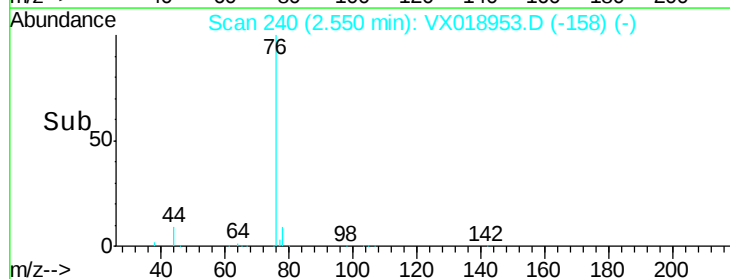
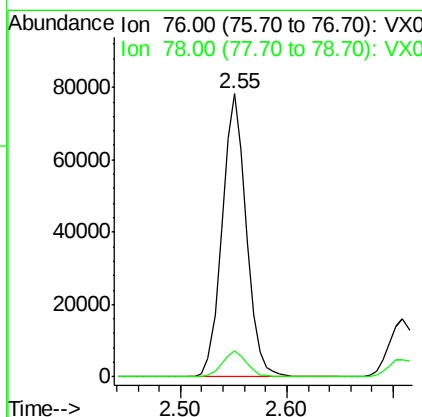
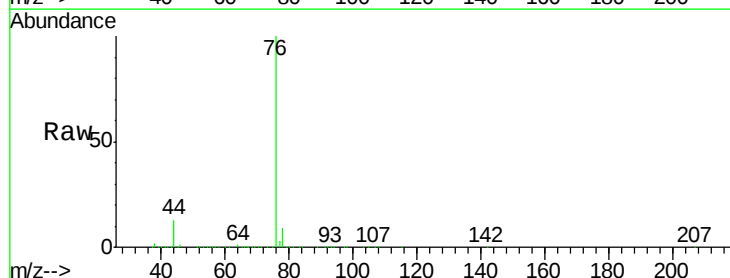
Acq: 15 Oct 2020 23:17

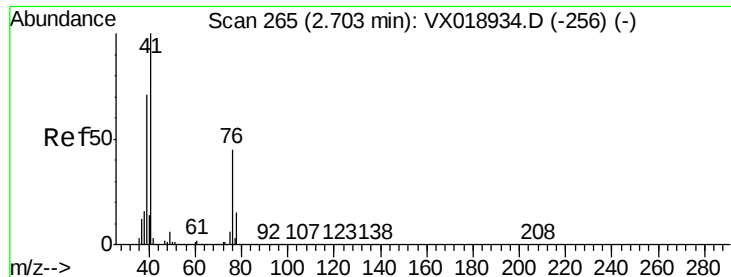
Tgt Ion: 76 Resp: 123928

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





#17

Allvl chloride

Concen: 17.886 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

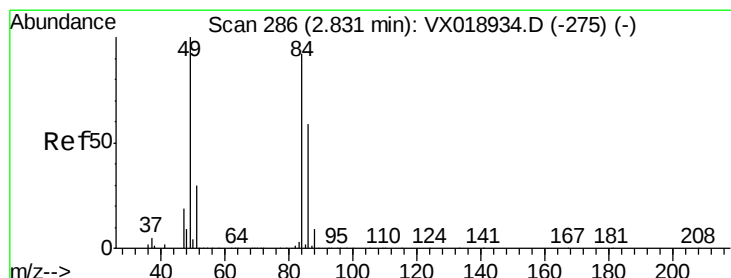
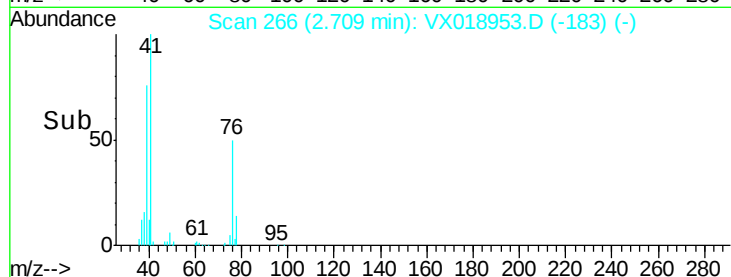
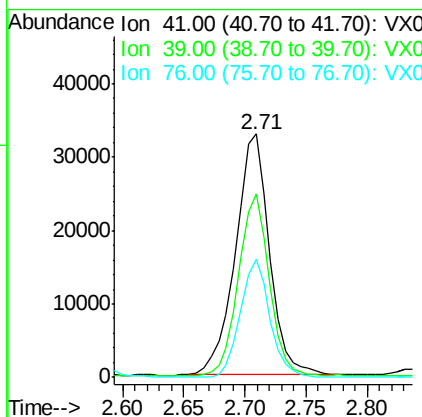
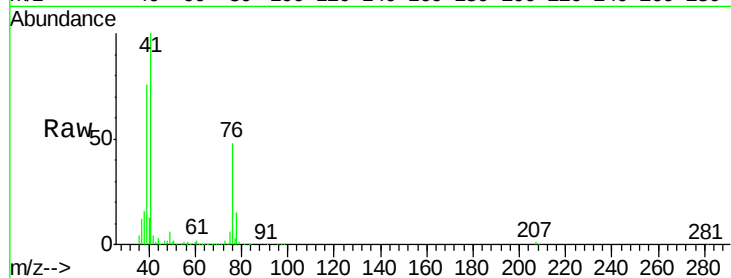
ClientSampleId :

VSTDCCC020EC

Tot Ion:	41	Resp:	63500
Ion	Ratio	Lower	Upper
41	100		
39	75.6	35.4	106.3
76	49.0	22.4	67.2

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#18

Methylene Chloride

Concen: 18.687 ug/l

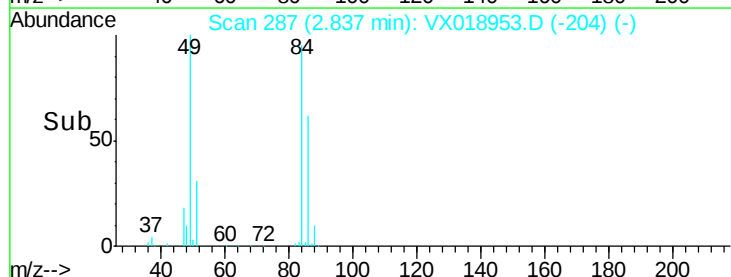
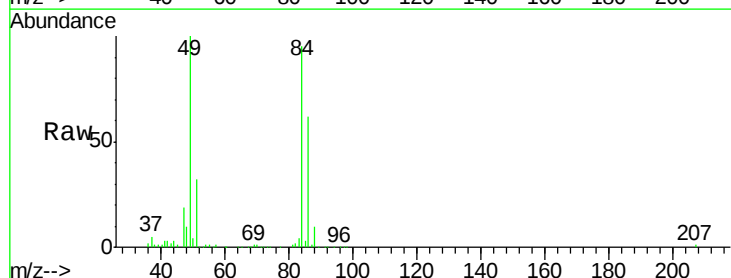
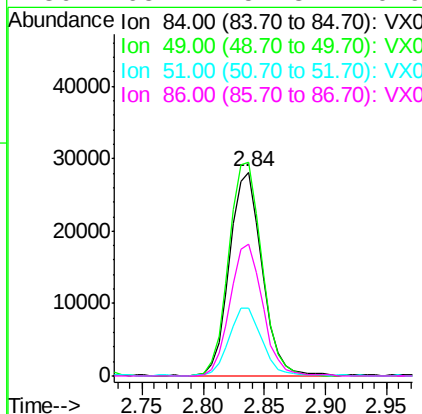
RT: 2.84 min Scan# 287

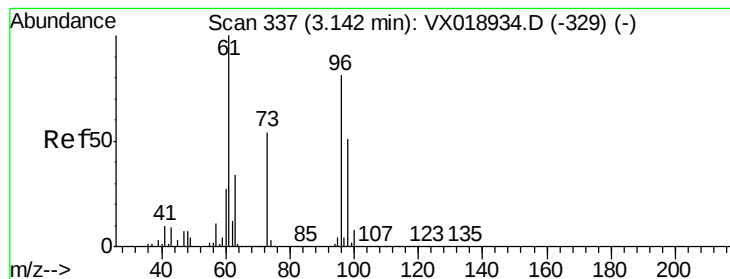
Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Tgt Ion:	84	Resp:	51524
Ion	Ratio	Lower	Upper
84	100		
49	104.8	87.2	130.8
51	32.9	25.9	38.9
86	65.1	51.3	76.9





#19

trans-1,2-Dichloroethene

Concen: 18.319 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

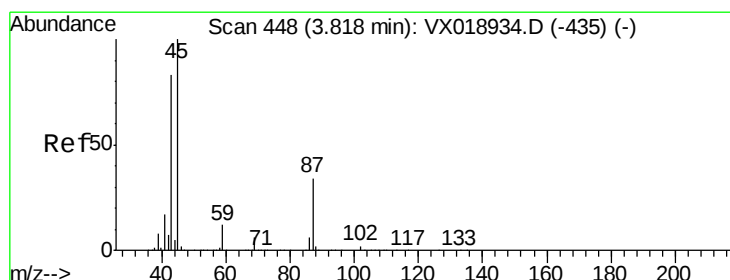
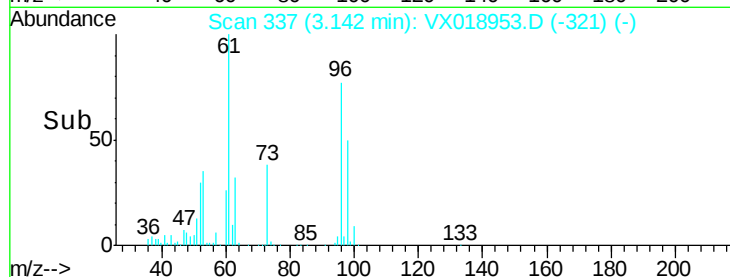
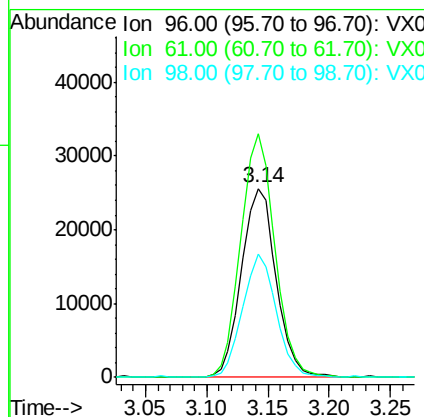
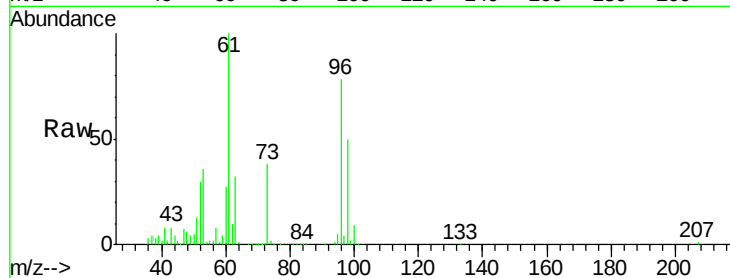
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	50480
Ion	Ratio	Lower	Upper
96	100		
61	129.1	98.6	147.8
98	64.9	50.3	75.5

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#20

Diisopropyl ether

Concen: 19.322 ug/l

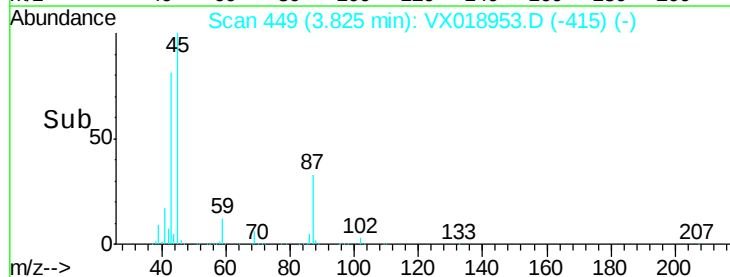
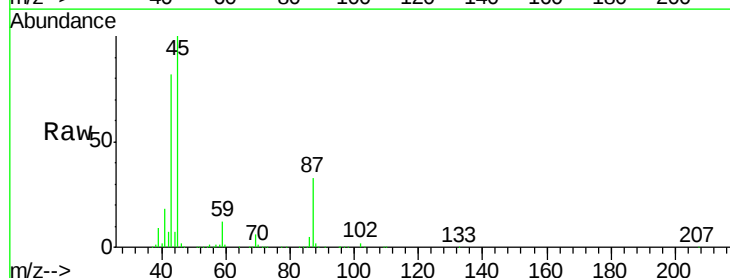
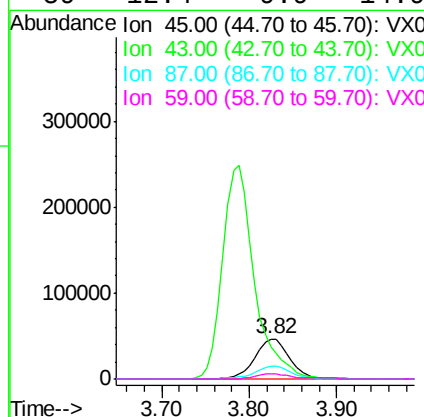
RT: 3.82 min Scan# 449

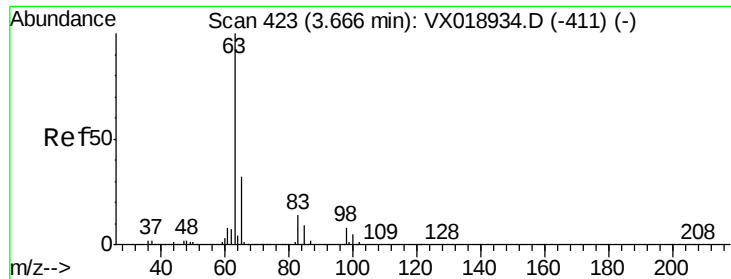
Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Tgt Ion:	45	Resp:	127299
Ion	Ratio	Lower	Upper
45	100		
43	81.0	69.7	104.5
87	32.8	26.9	40.3
59	12.4	9.9	14.9





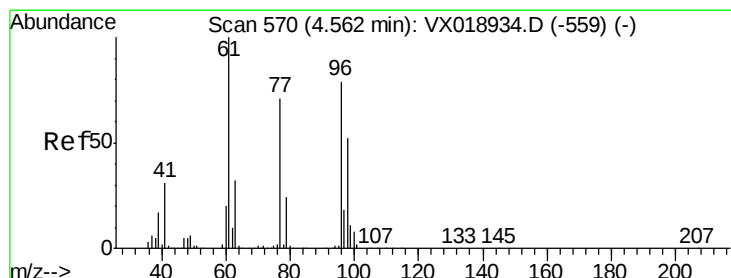
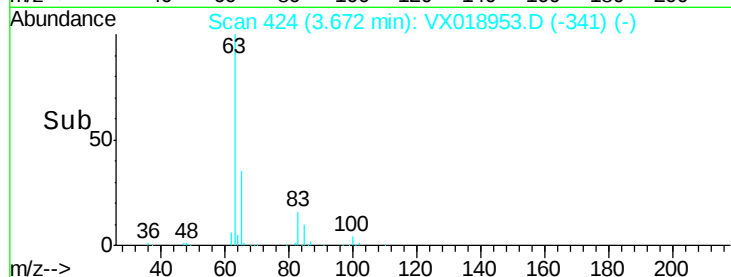
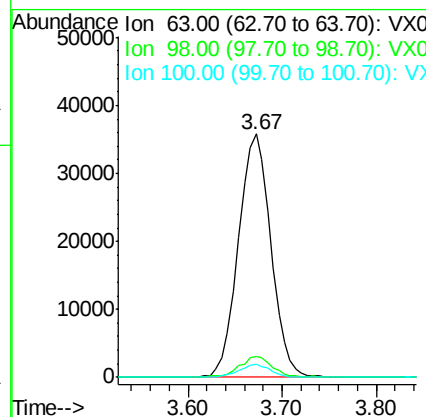
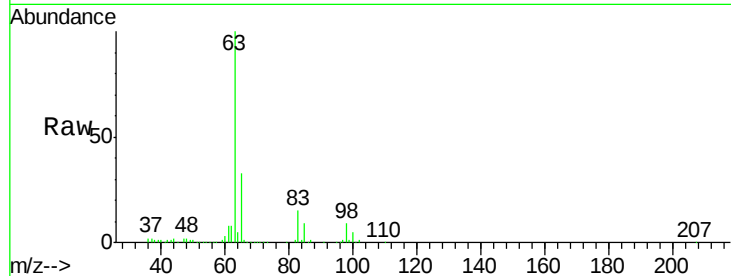
#21
1,1-Dichloroethane
Concen: 19.076 ug/l
RT: 3.67 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
63	100				
98	8.3		4.0	11.9	
100	5.2		2.5	7.6	

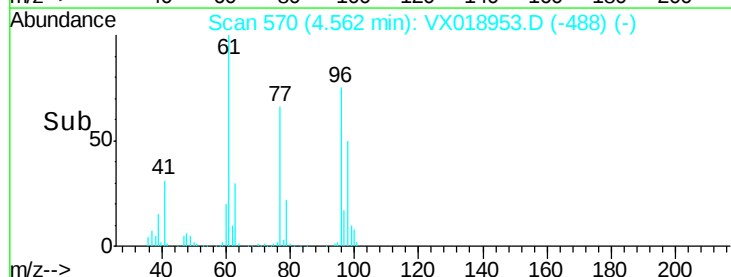
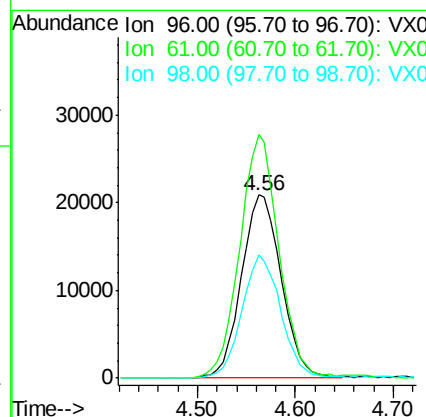
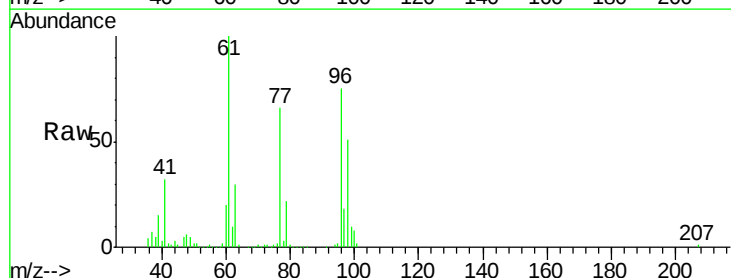
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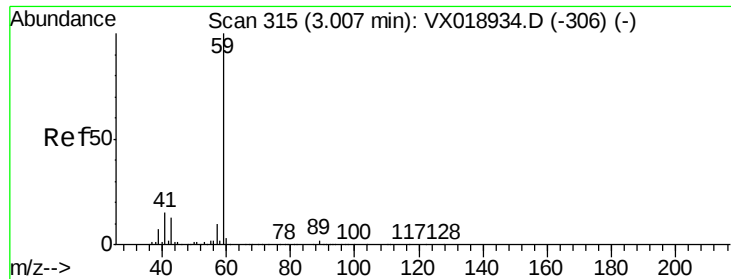
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#22
cis-1,2-Dichloroethene
Concen: 18.837 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	131.0		107.7	161.5	
98	66.0		51.9	77.9	





#23

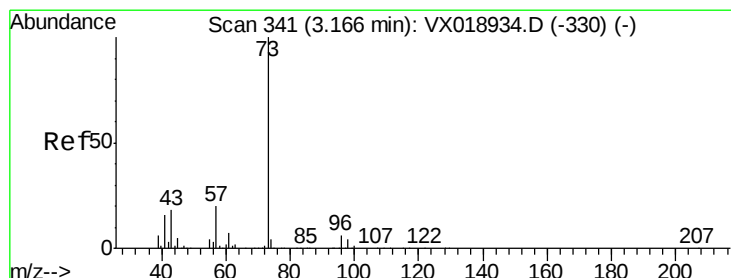
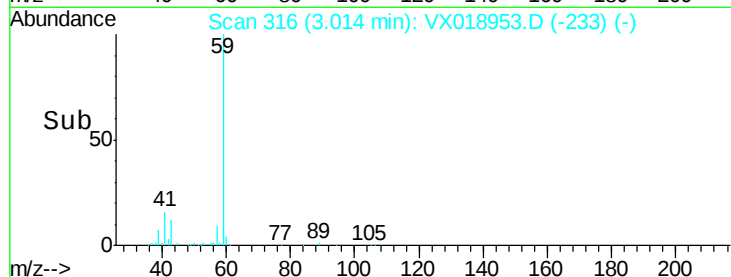
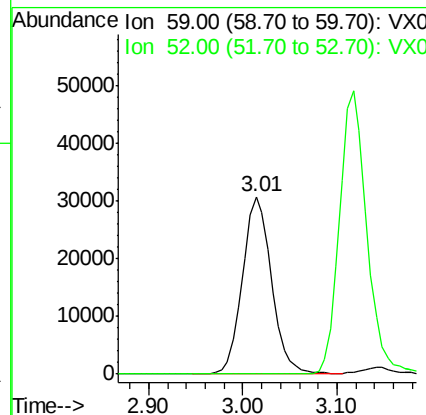
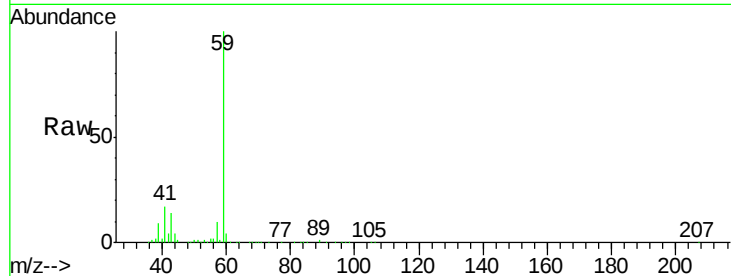
tert-Butyl Alcohol
 Concen: 95.654 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 59 Resp: 66475
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

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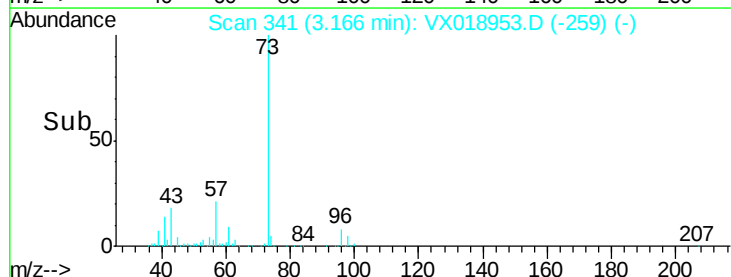
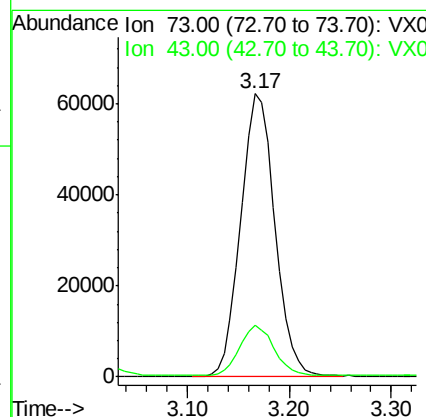
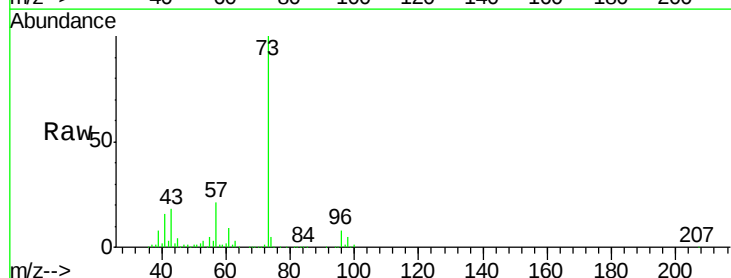
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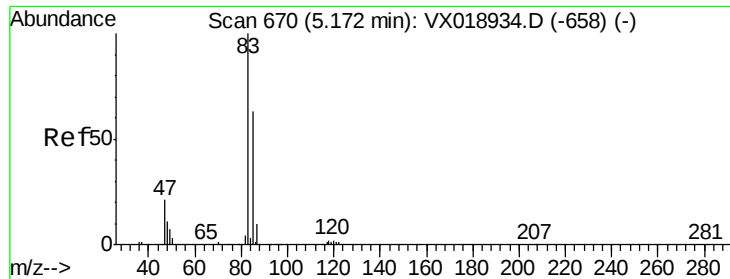


#24

Methyl tert-Butyl Ether
 Concen: 19.162 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Tgt Ion: 73 Resp: 144776
 Ion Ratio Lower Upper
 73 100
 43 17.8 13.8 20.8





#25

Chloroform

Concen: 19.503 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 93223

Ion Ratio Lower Upper

83 100

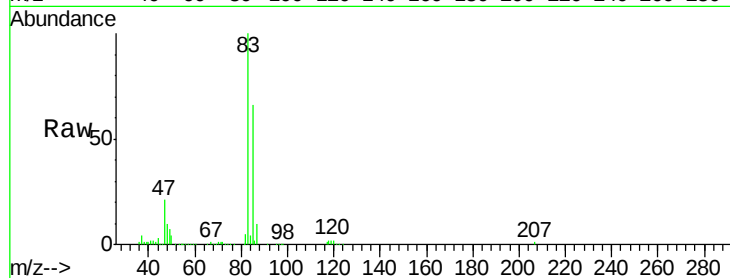
85 65.7 50.3 75.5

Manual Integrations

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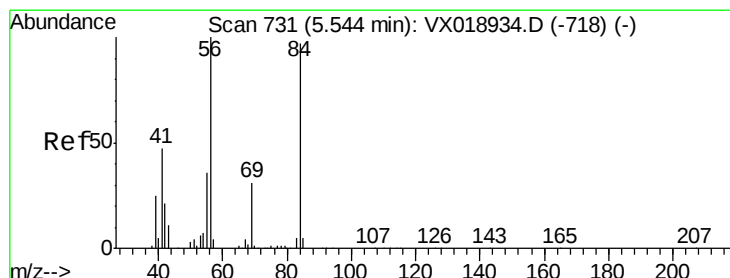
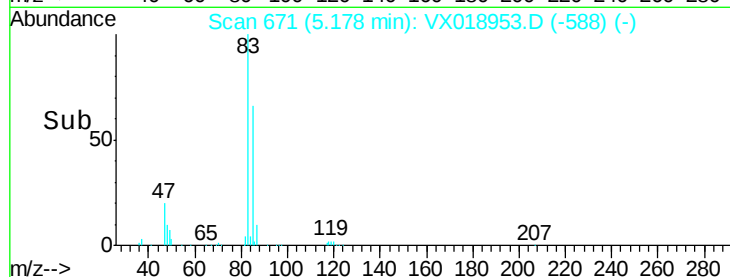
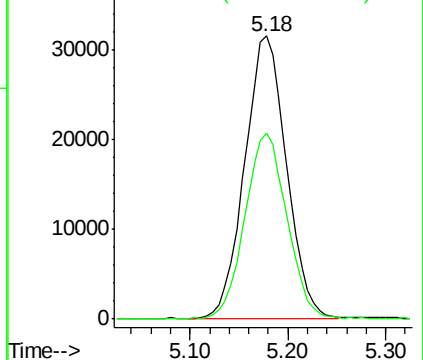
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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.637 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

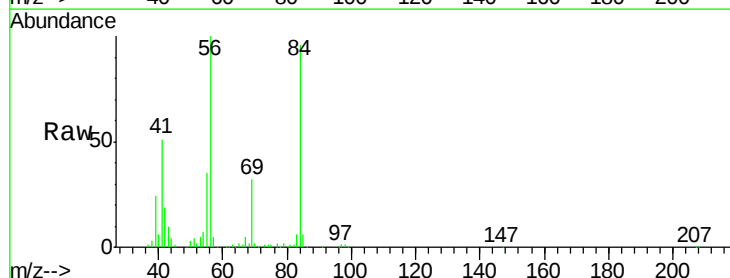
Tgt Ion: 56 Resp: 67562

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

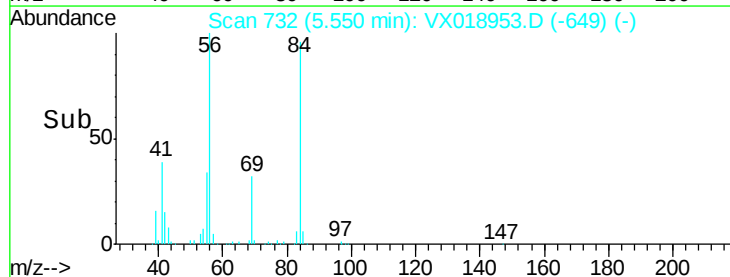
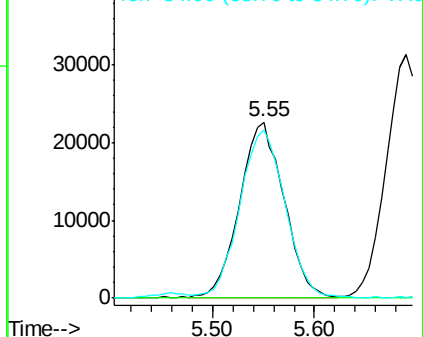
84 98.8 78.0 117.0

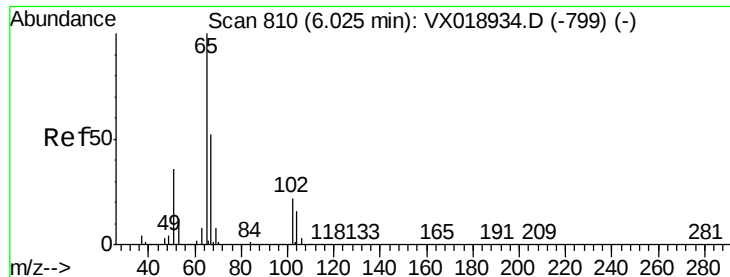


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 31.728 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 92499

Ion Ratio Lower Upper

65 100

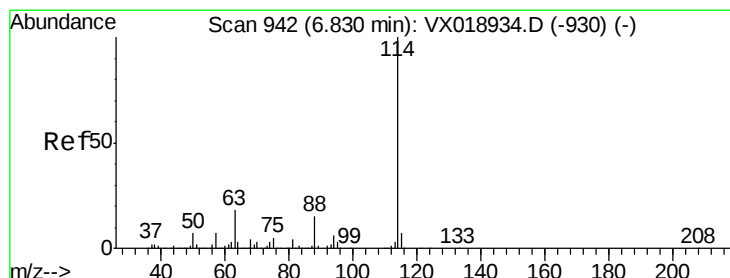
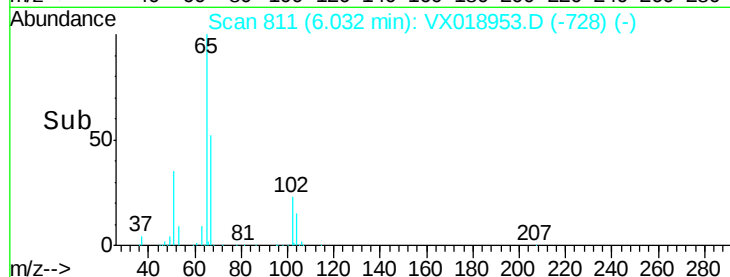
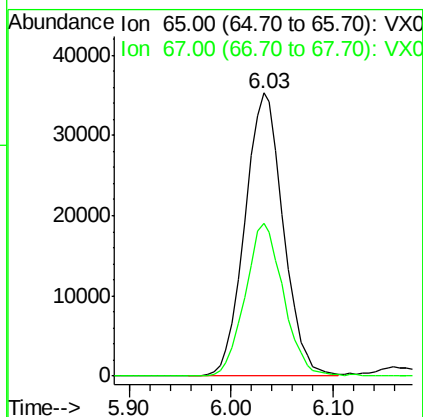
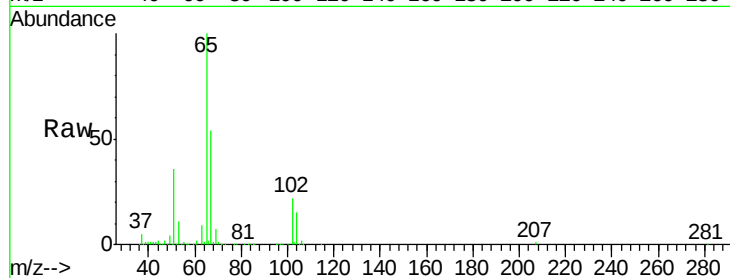
67 52.8 42.1 63.1

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

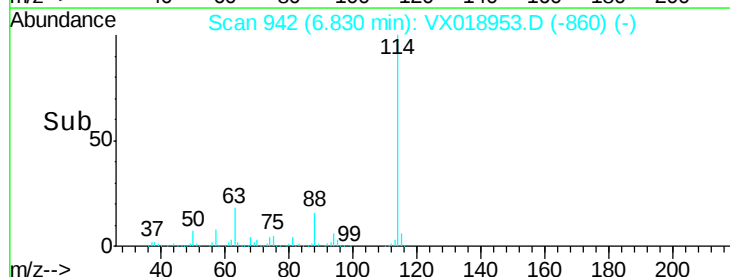
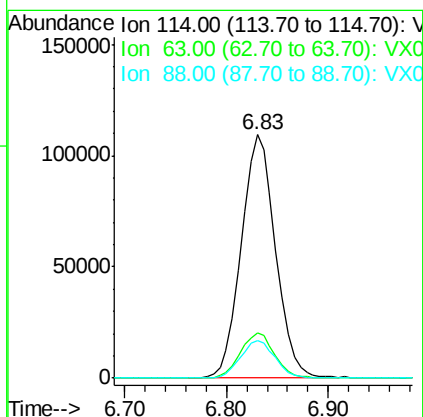
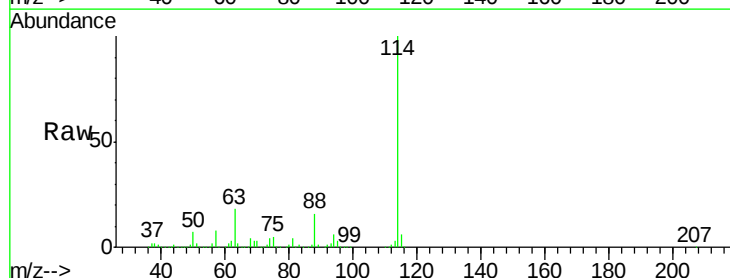
Tgt Ion: 114 Resp: 254982

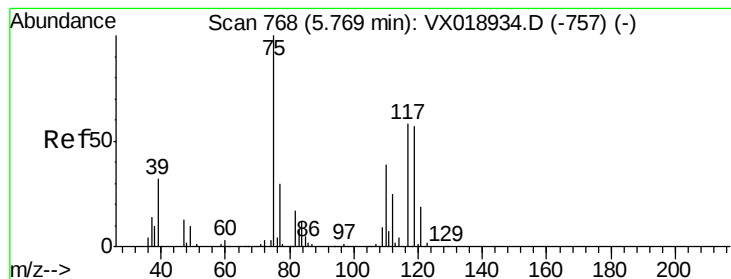
Ion Ratio Lower Upper

114 100

63 18.8 14.6 21.8

88 15.6 12.3 18.5





#29

1,1-Dichloropropene

Concen: 18.505 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

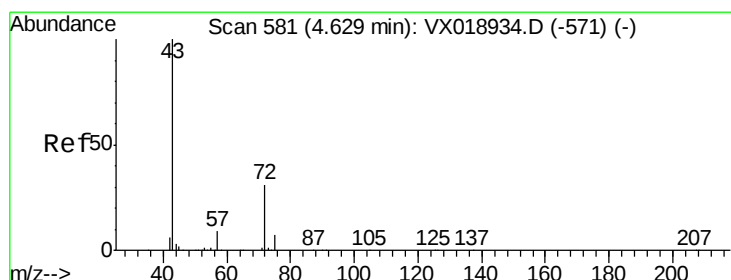
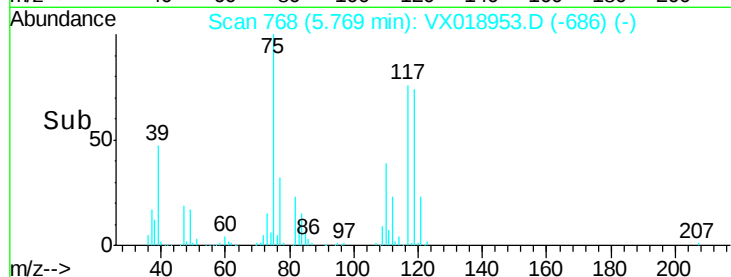
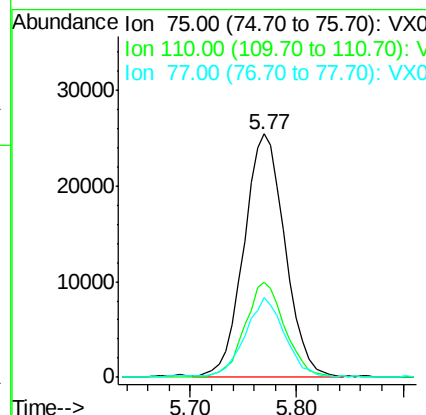
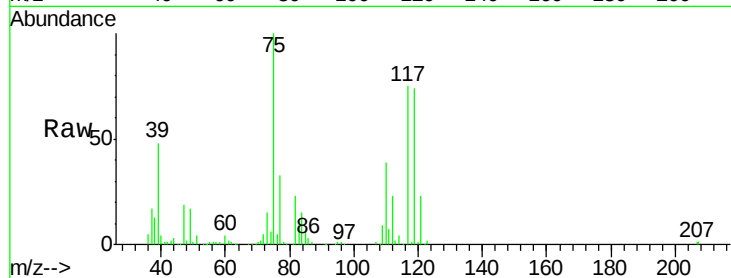
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	68412
Ion Ratio	Lower	Upper	
75	100		
110	38.0	0.0	79.2
77	31.7	0.0	62.6

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#30

2-Butanone

Concen: 96.478 ug/l

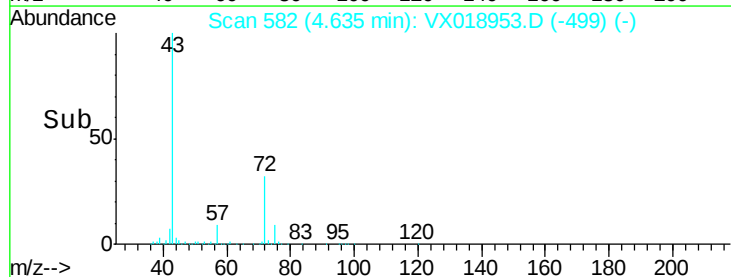
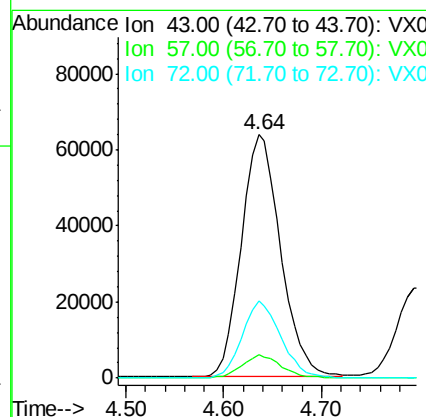
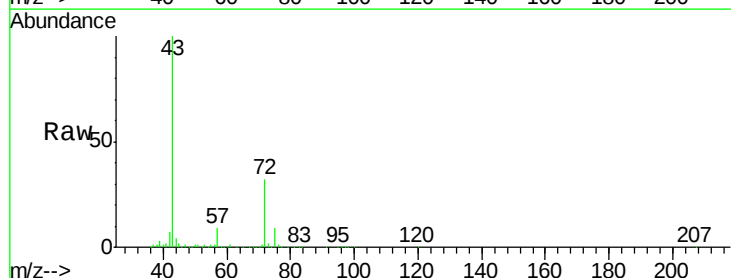
RT: 4.64 min Scan# 582

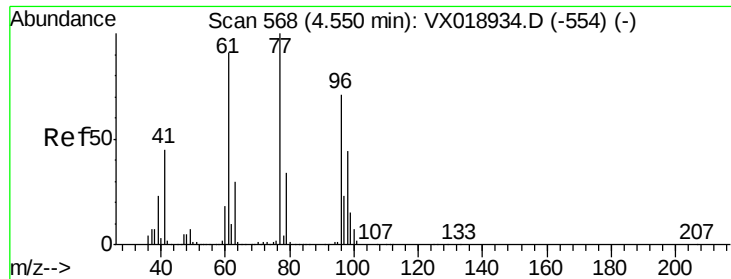
Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Tgt Ion:	43	Resp:	177737
Ion Ratio	Lower	Upper	
43	100		
57	9.1	7.0	10.6
72	31.4	25.6	38.4





#31

2,2-Dichloropropane

Concen: 15.233 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 66339

Ion Ratio Lower Upper

77 100

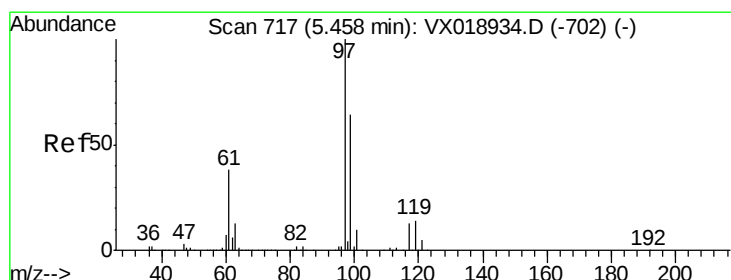
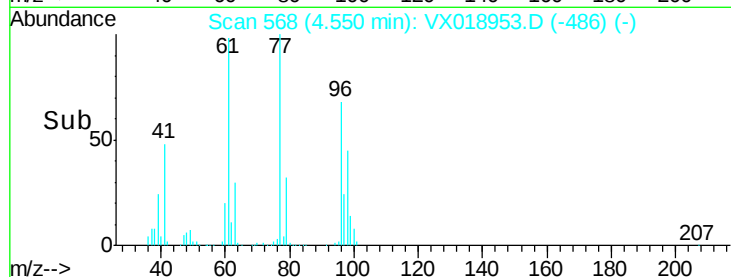
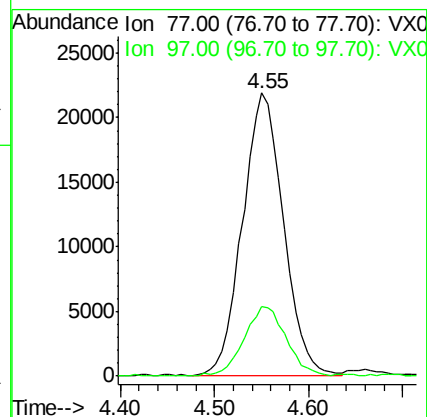
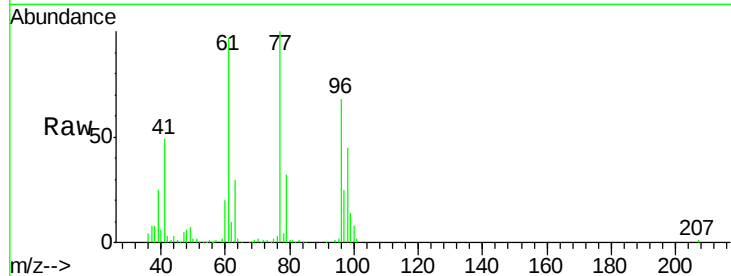
97 25.1 19.0 28.6

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#32

1,1,1-Trichloroethane

Concen: 18.736 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

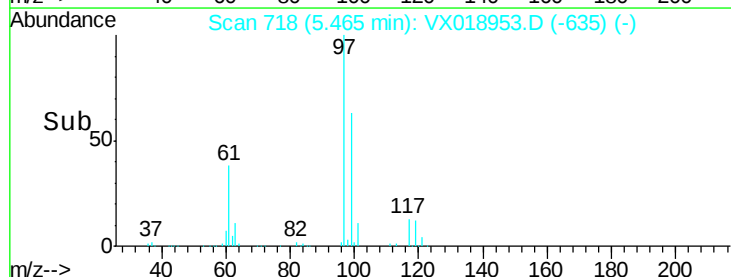
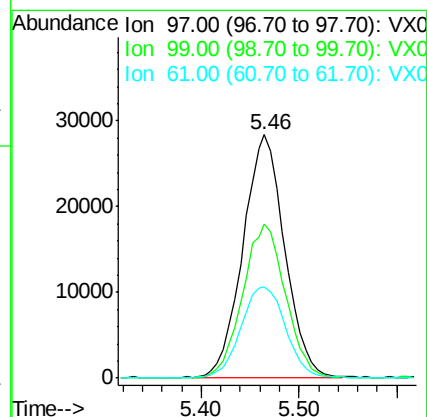
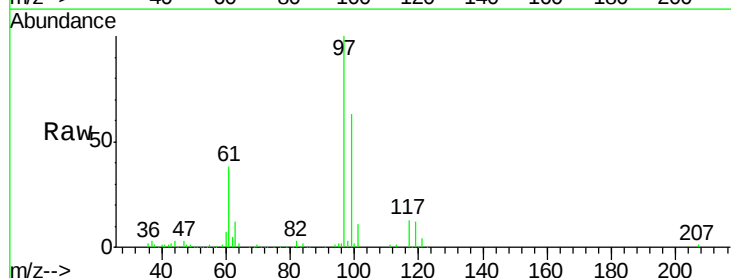
Tgt Ion: 97 Resp: 84067

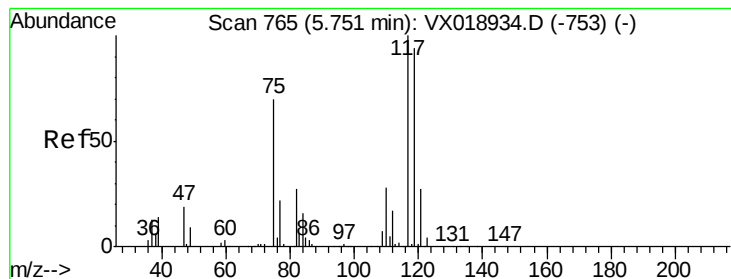
Ion Ratio Lower Upper

97 100

99 65.0 52.6 78.8

61 40.0 31.5 47.3





#33

Carbon Tetrachloride

Concen: 18.452 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

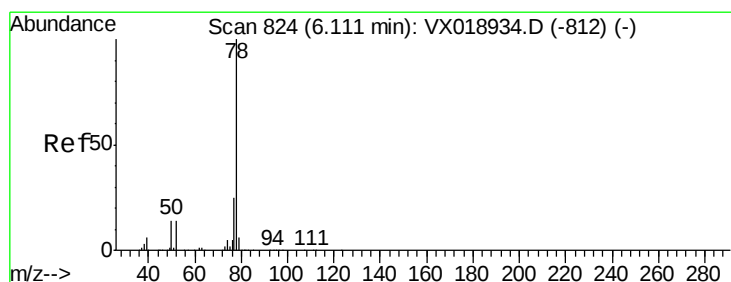
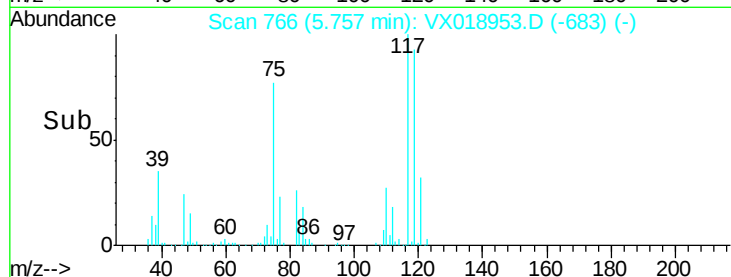
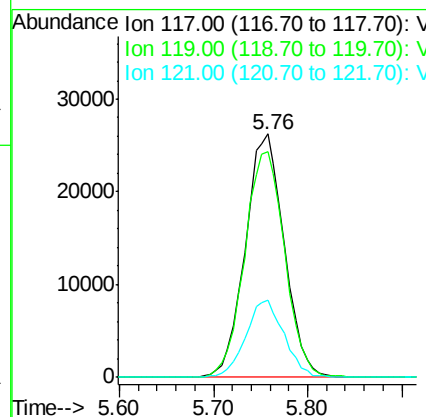
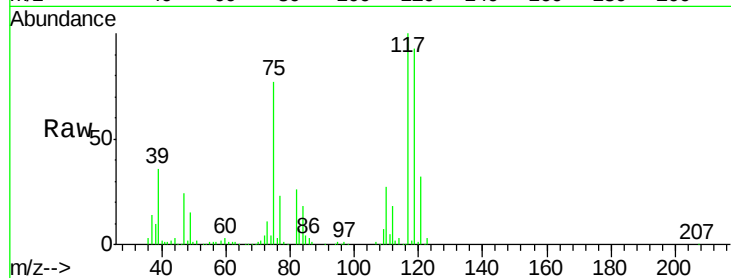
ClientSampleId :

VSTDCCC020EC

Tot Ion:	117	Resp:	75879
Ion	Ratio	Lower	Upper
117	100		
119	92.7	75.0	112.4
121	31.7	21.8	32.8

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#34

Benzene

Concen: 19.083 ug/l

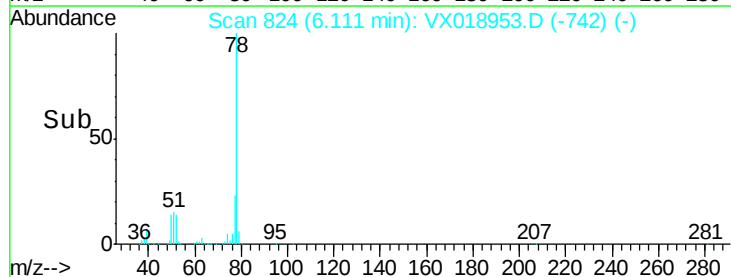
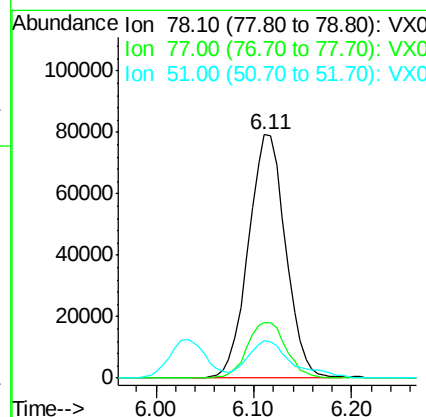
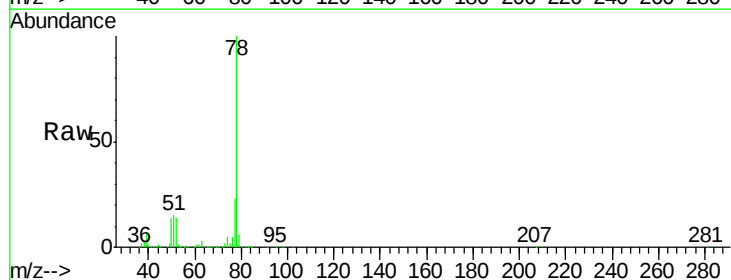
RT: 6.11 min Scan# 824

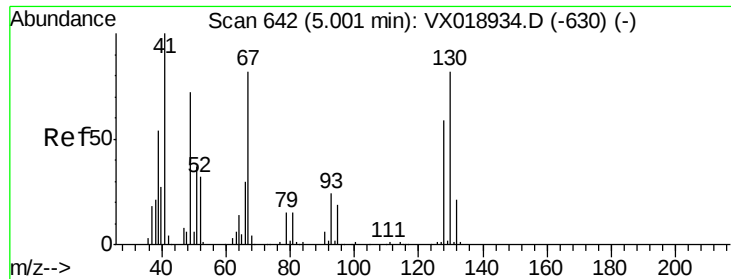
Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Tgt Ion:	78	Resp:	209075
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.7	29.5
51	14.2	12.0	18.0





#35

Methacrylonitrile

Concen: 19.267 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 41 Resp: 36732

Ion Ratio Lower Upper

41 100

39 55.1 27.0 81.0

67 88.3 41.1 123.3

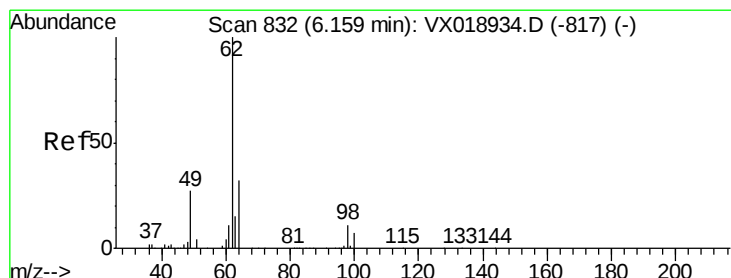
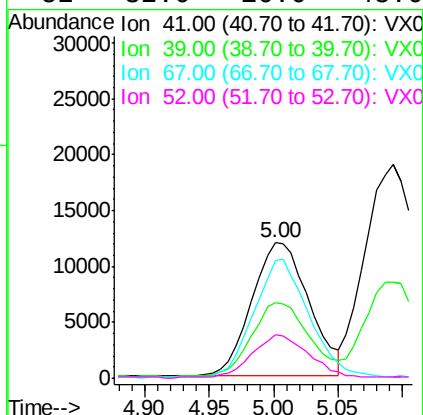
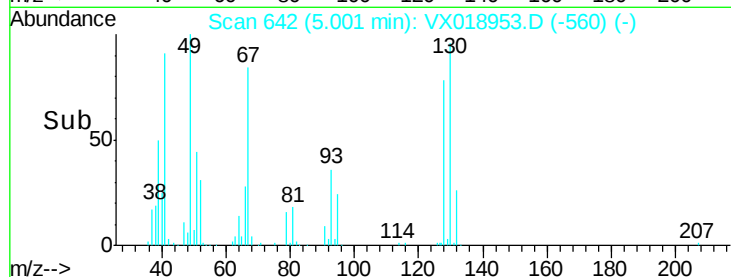
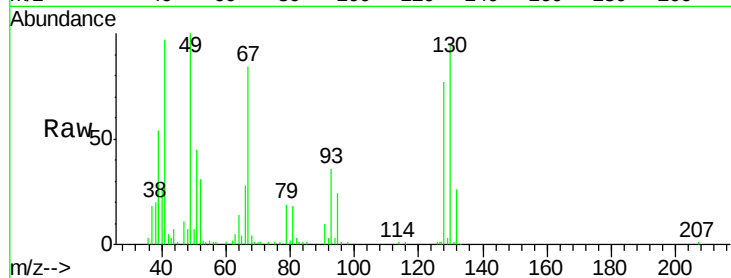
52 32.0 16.0 48.0

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#36

1,2-Dichloroethane

Concen: 19.659 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX018953.D

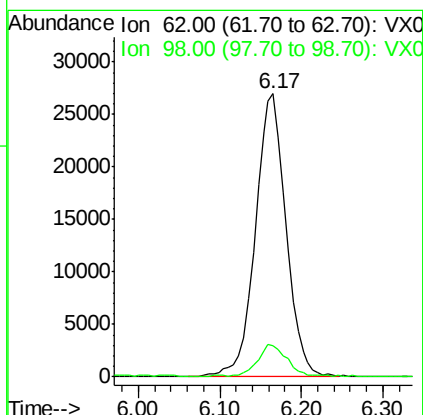
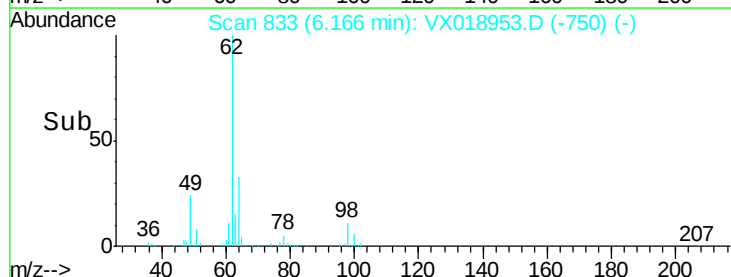
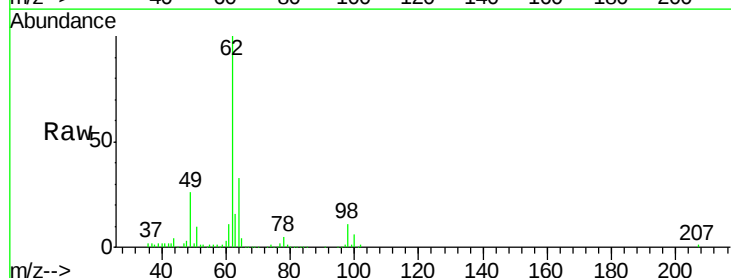
Acq: 15 Oct 2020 23:17

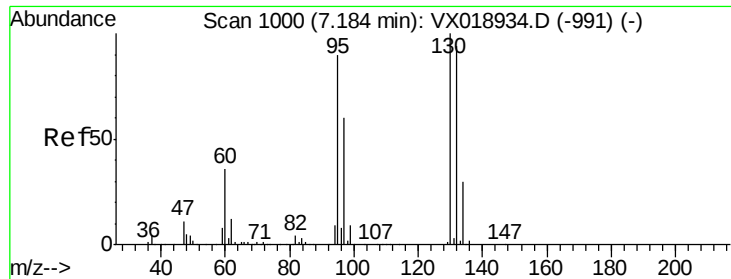
Tgt Ion: 62 Resp: 70802

Ion Ratio Lower Upper

62 100

98 11.0 8.9 13.3





#37

Trichloroethene

Concen: 17.830 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 57327

Ion Ratio Lower Upper

130 100

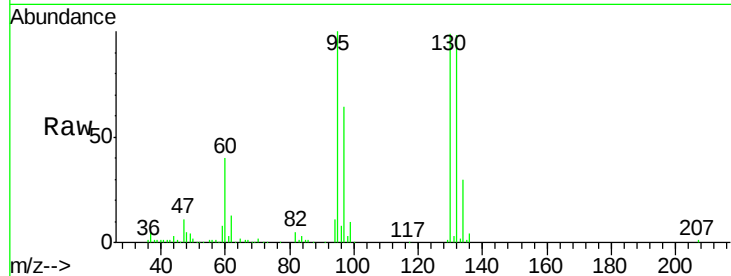
95 100.6 71.8 107.6

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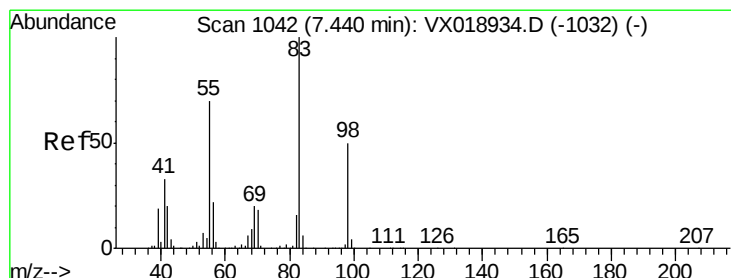
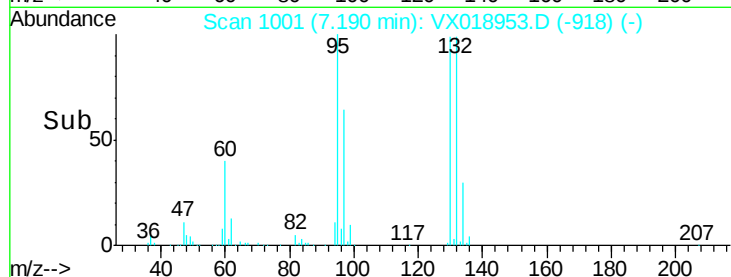
Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

Time-->

7.10 7.20 7.30



#38

Methylcyclohexane

Concen: 17.993 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

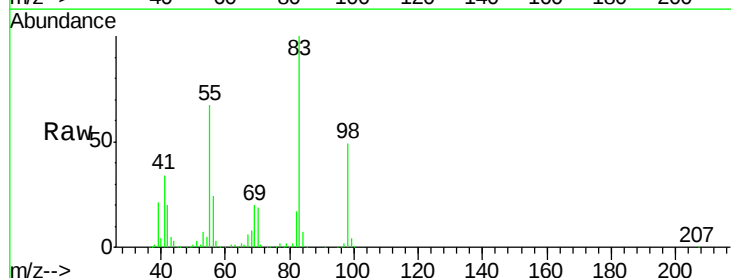
Tgt Ion: 83 Resp: 75838

Ion Ratio Lower Upper

83 100

55 67.2 34.8 104.4

98 49.3 25.8 77.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

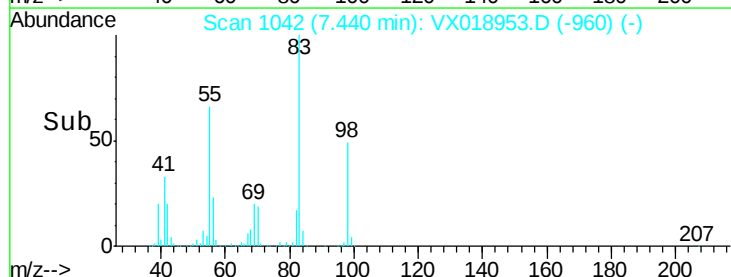
Ion 55.00 (54.70 to 55.70): VX0

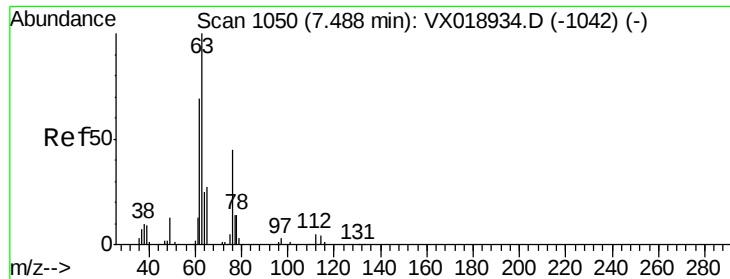
Ion 98.00 (97.70 to 98.70): VX0

7.44

Time-->

7.40 7.50





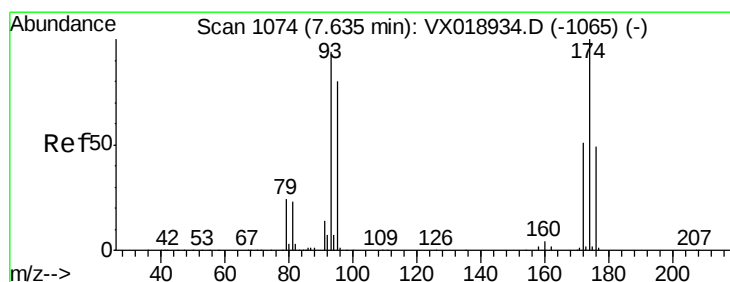
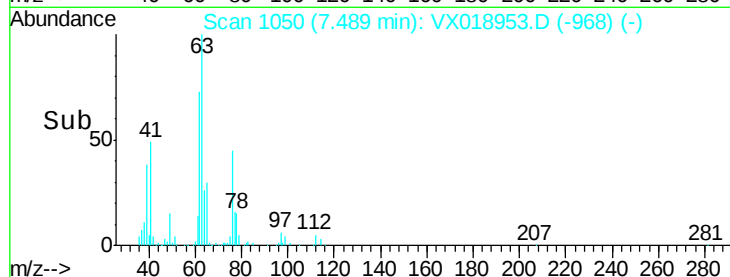
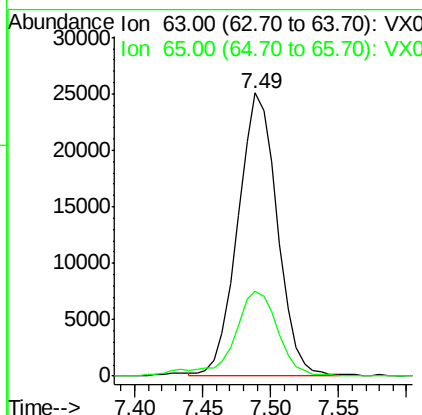
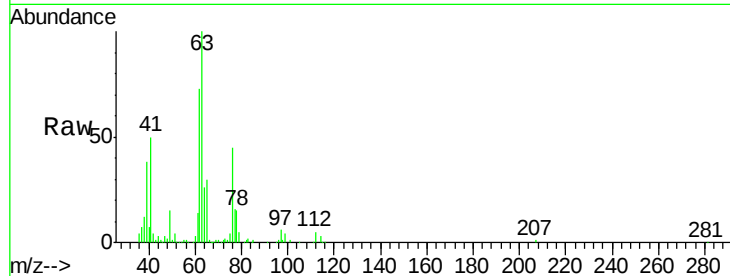
#39
 1,2-Dichloropropane
 Concen: 19.011 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	63	Resp	50944
Ion Ratio	100	Lower	Upper
63	100		
65	29.7	23.0	34.6

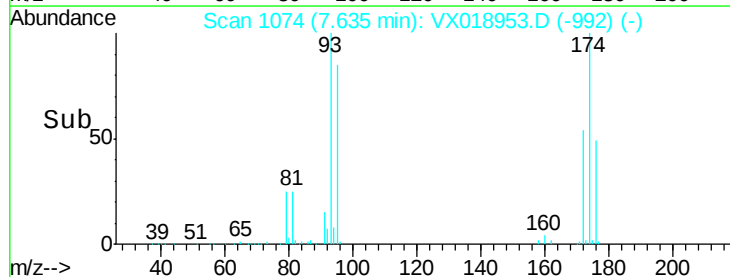
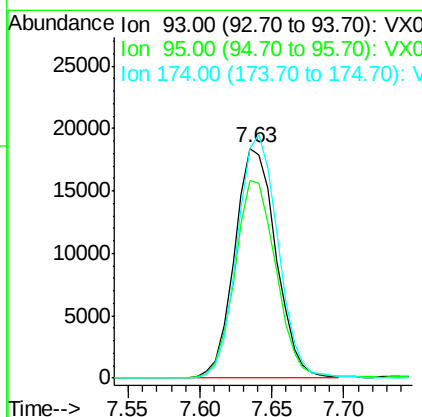
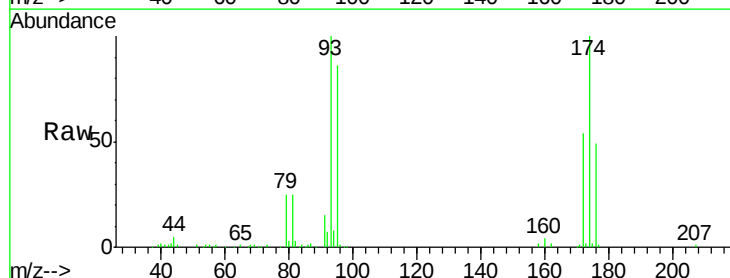
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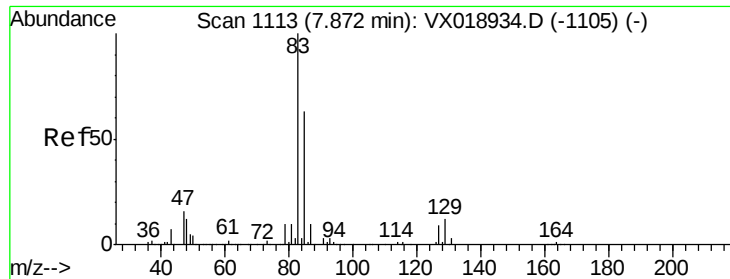
apatel
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#40
 Dibromomethane
 Concen: 18.716 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Tgt Ion	93	Resp	36839
Ion Ratio	100	Lower	Upper
93	100		
95	85.6	0.0	164.0
174	103.9	0.0	214.6





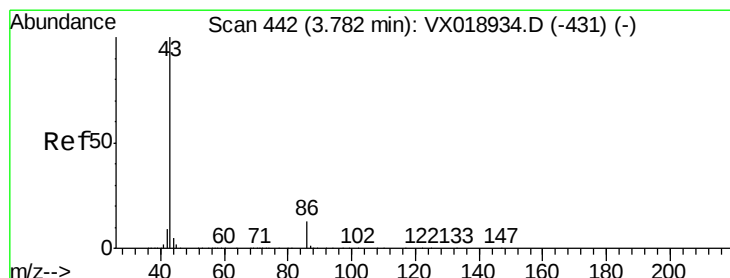
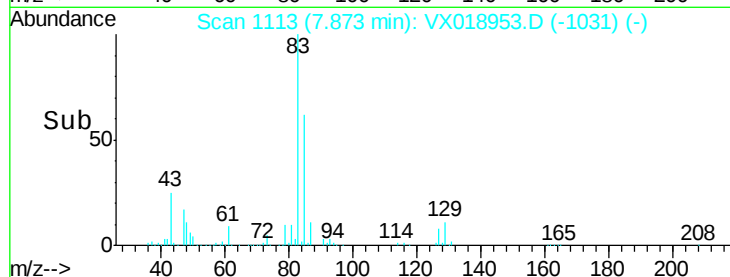
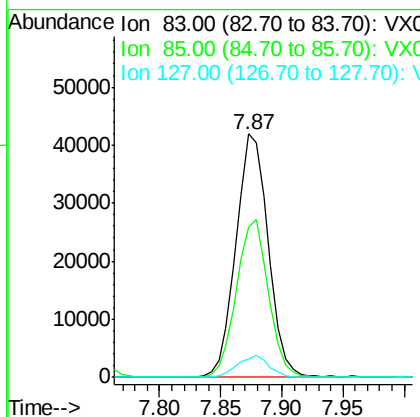
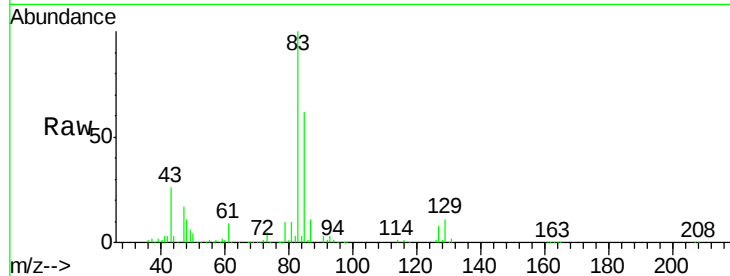
#41
Bromodichloromethane
Concen: 19.176 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	85	127
Resp:	76828		
Ratio	100	61.8	7.8
Lower		50.4	7.5
Upper		75.6	11.3

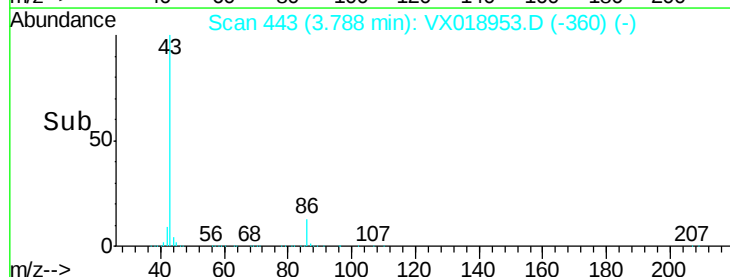
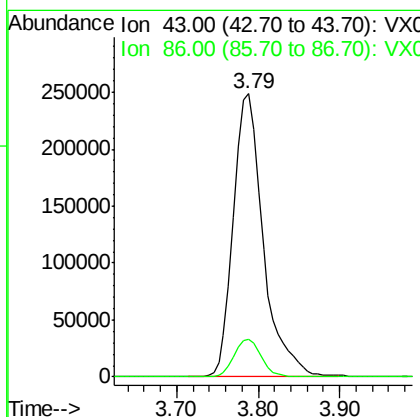
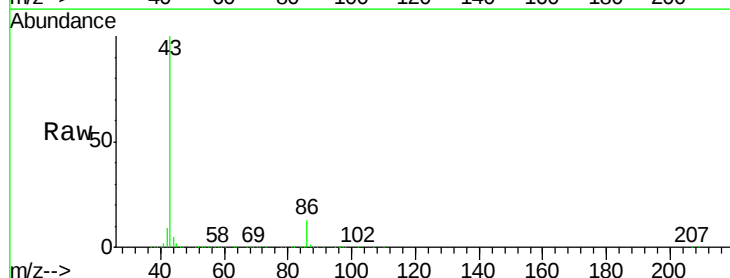
Manual Integrations
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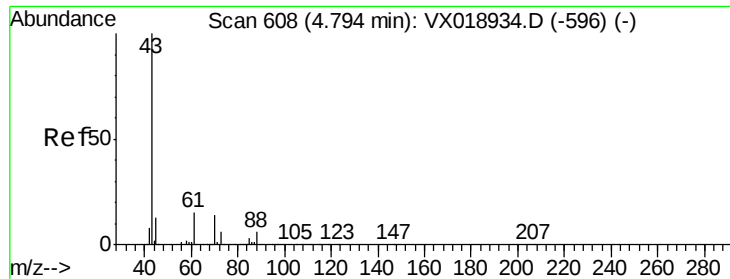
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#42
Vinyl Acetate
Concen: 95.322 ug/l
RT: 3.79 min Scan# 443
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion	43	86
Resp:	628995	
Ratio	100	12.1
Lower		9.8
Upper		14.8





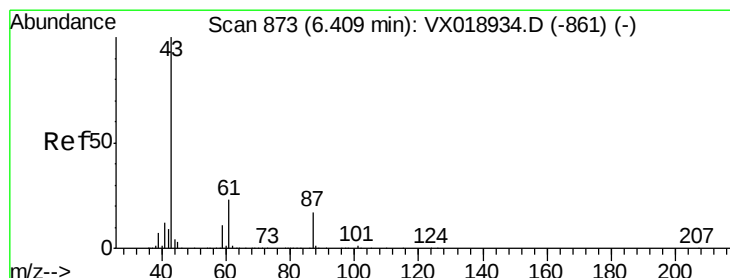
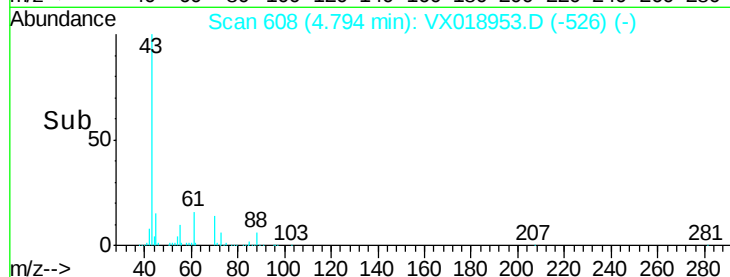
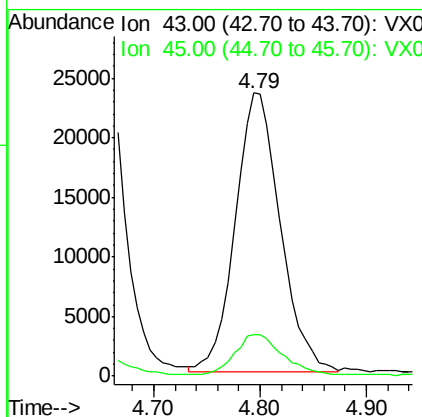
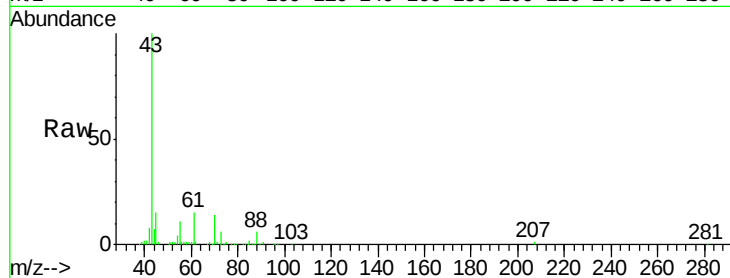
#43
Ethyl Acetate
Concen: 18.160 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	Resp	69240
Ion Ratio	Lower	Upper	
43	100		
45	15.4	11.5	17.3

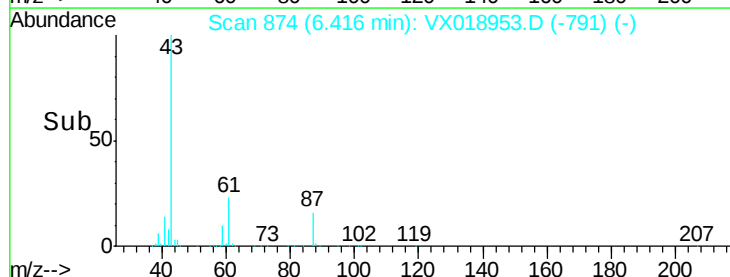
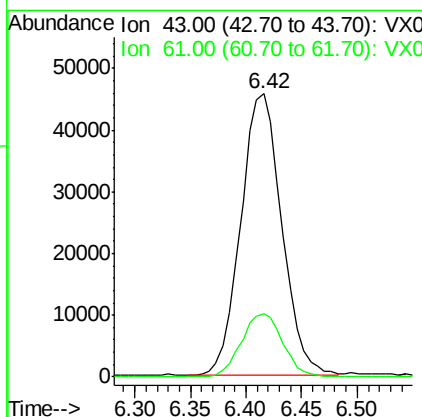
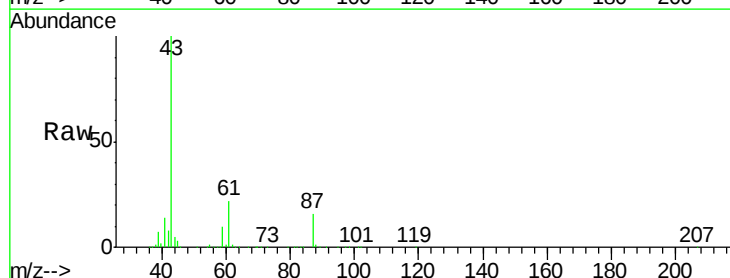
Manual Integrations
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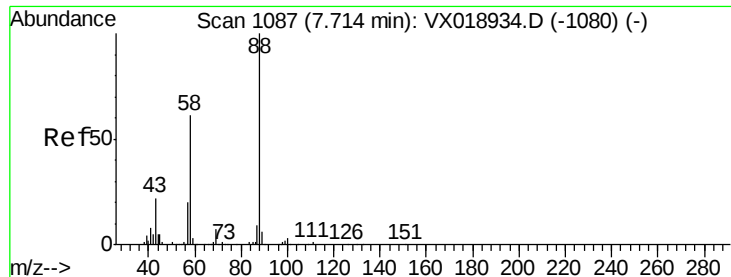
apatel
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#44
Isopropyl Acetate
Concen: 19.118 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion	43	Resp	117052
Ion Ratio	Lower	Upper	
43	100		
61	22.7	0.0	0.0#





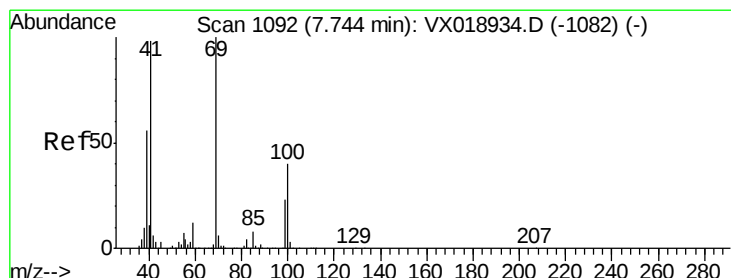
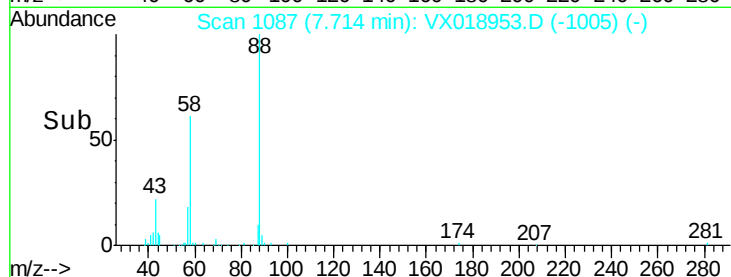
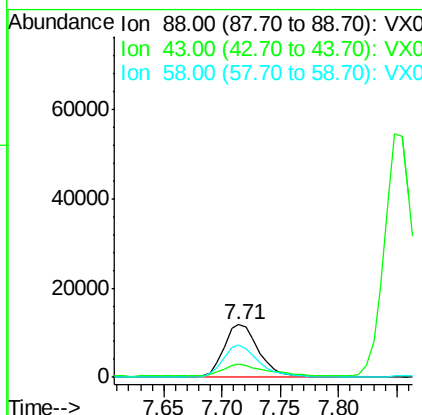
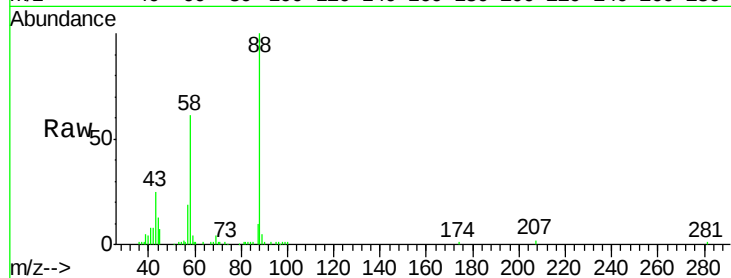
#45
 1,4-Dioxane
 Concen: 378.186 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.6	22.1	33.1
58	62.4	52.1	78.1

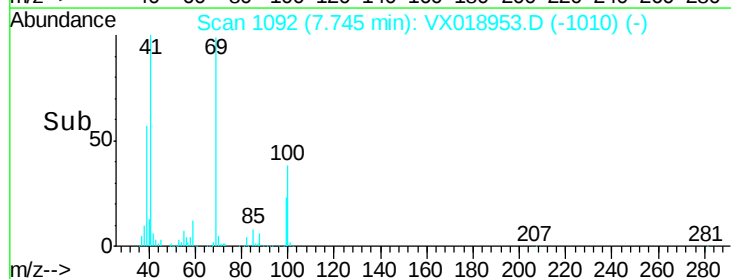
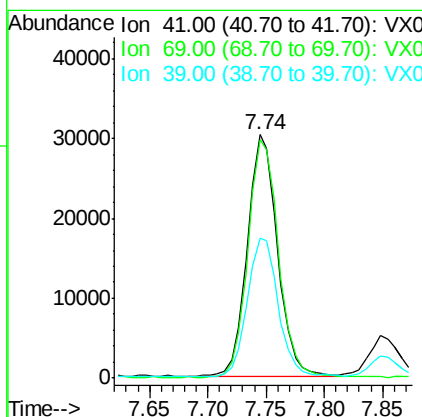
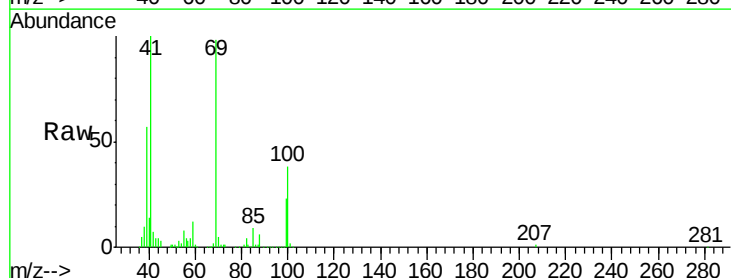
Manual Integrations
 APPROVED

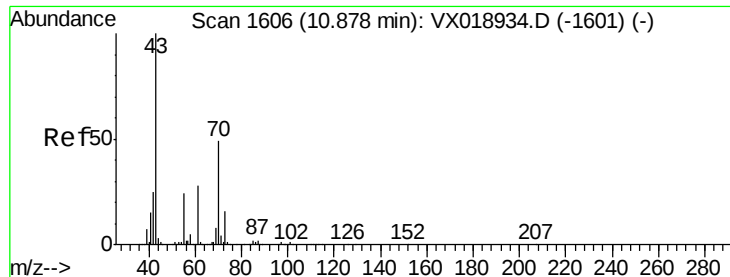
apatel
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#46
 Methyl methacrylate
 Concen: 19.137 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	98.3	50.8	152.5
39	57.4	28.5	85.6





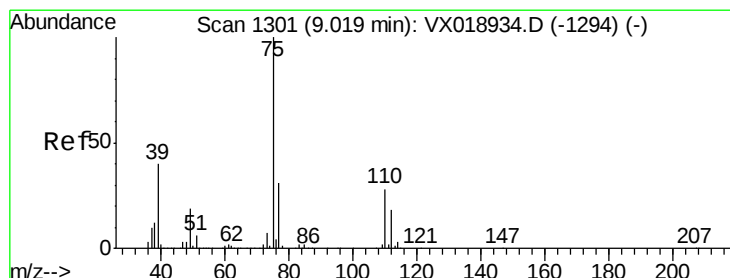
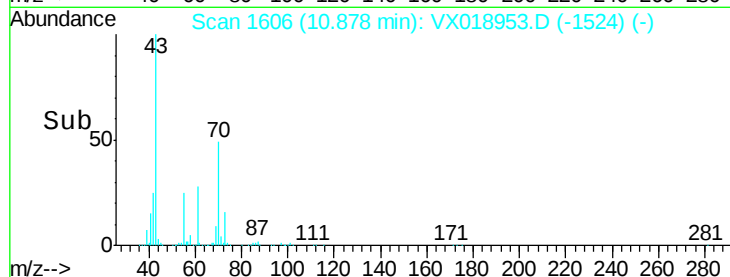
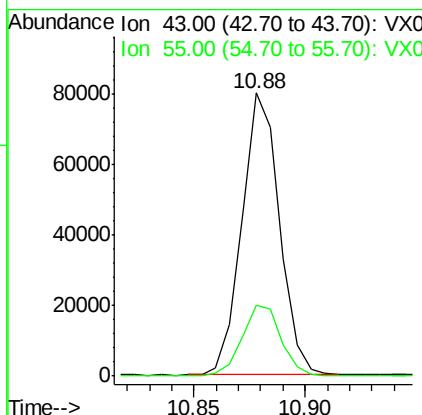
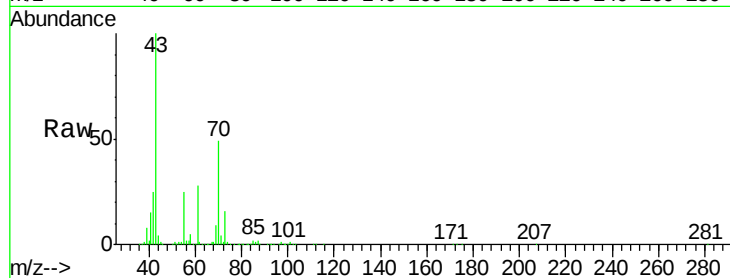
#47
n-amvl Acetate
Concen: 18.436 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	Resp	94282
Ion Ratio	100	Lower	Upper
43	100		
55	25.5	19.9	29.9

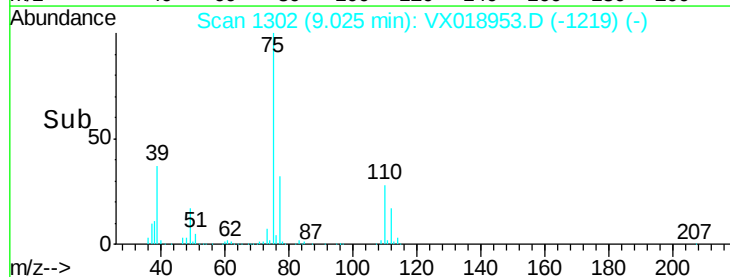
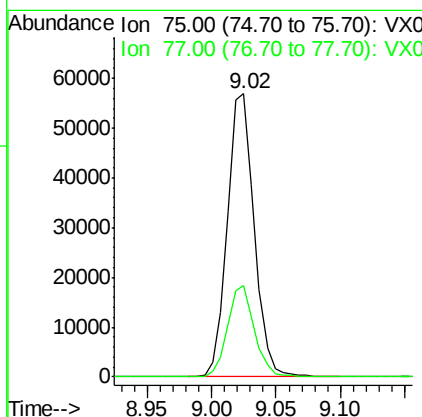
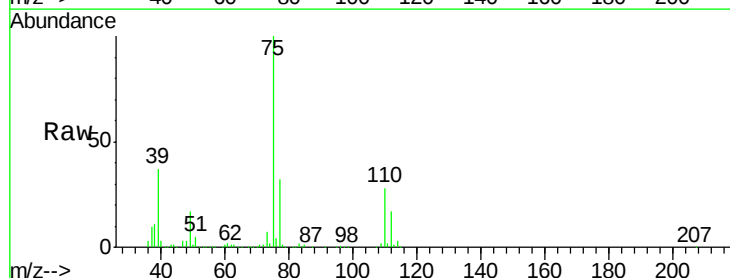
Manual Integrations
APPROVED

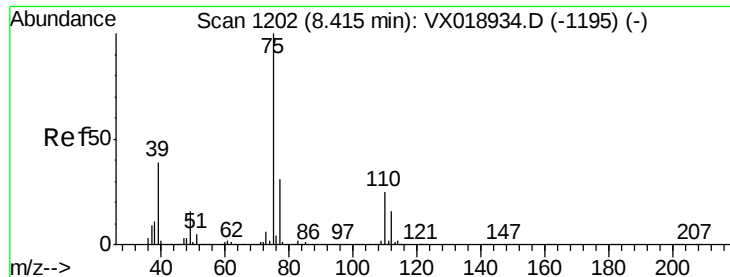
apatel
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#48
t-1,3-Dichloropropene
Concen: 18.271 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion	75	Resp	83591
Ion Ratio	100	Lower	Upper
75	100		
77	32.4	24.6	36.8





#49

cis-1,3-Dichloropropene

Concen: 18.351 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

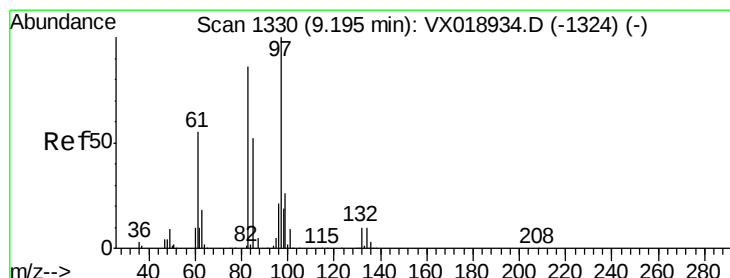
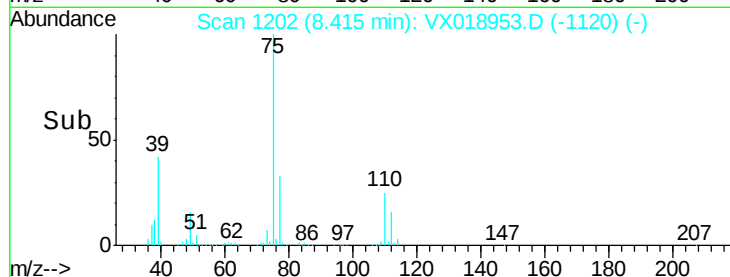
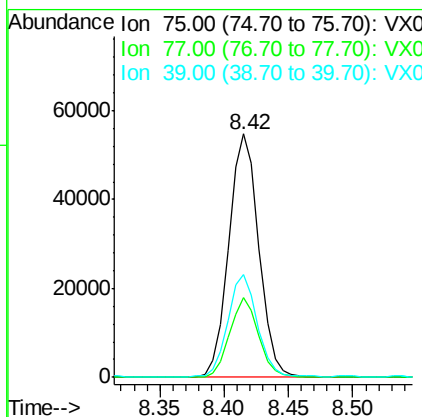
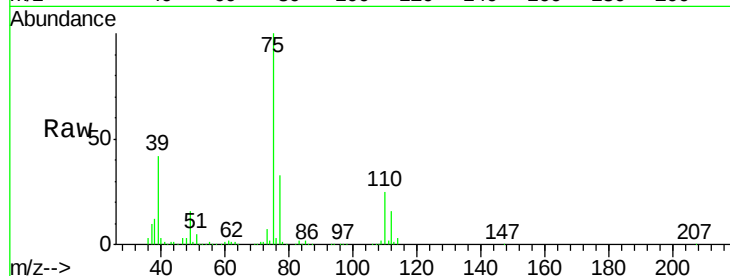
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	89276
Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.1	37.7
39	41.6	31.5	47.3

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 19.227 ug/l

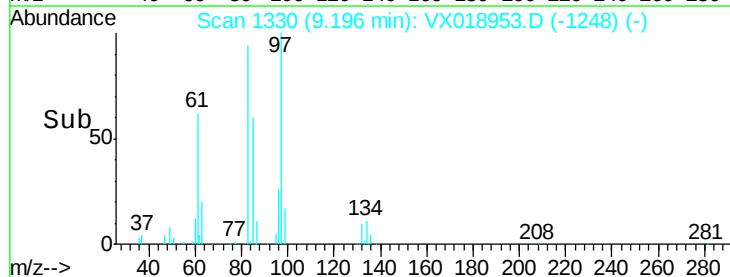
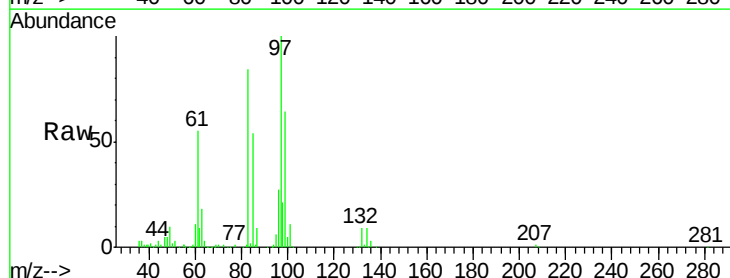
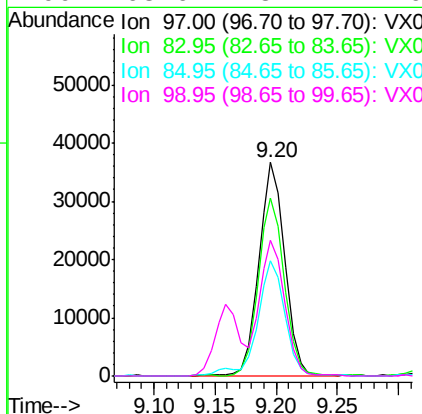
RT: 9.20 min Scan# 1330

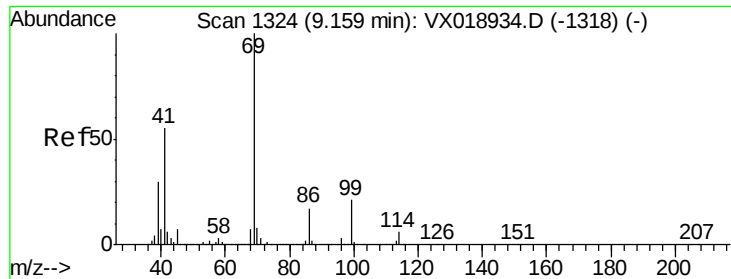
Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Tgt Ion:	97	Resp:	54306
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.0	102.0
85	54.2	43.8	65.8
99	63.6	48.4	72.6





#51

Ethyl methacrylate

Concen: 18.966 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

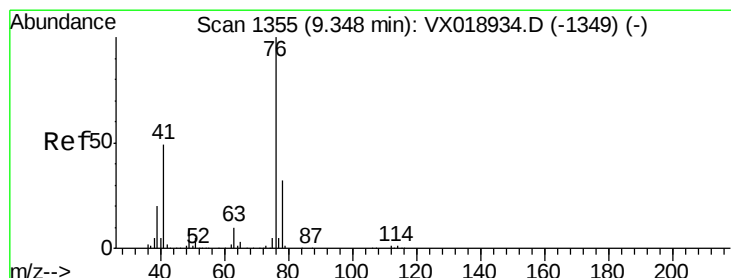
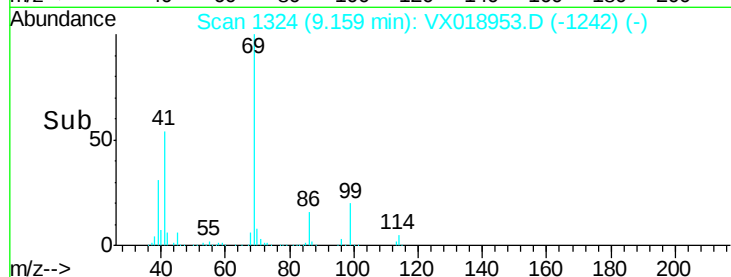
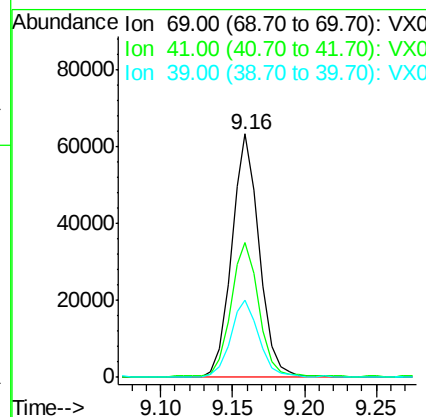
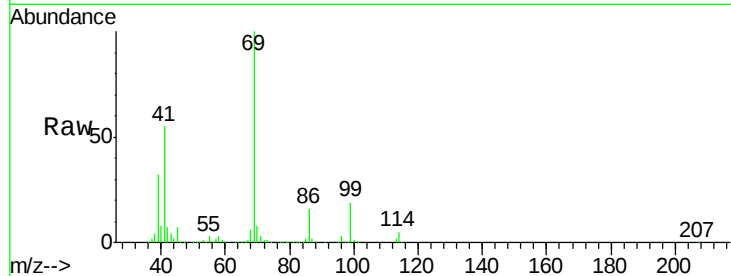
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	84311
Ion Ratio	Lower	Upper	
69	100		
41	55.1	27.6	82.8
39	31.7	15.0	45.0

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.629 ug/l

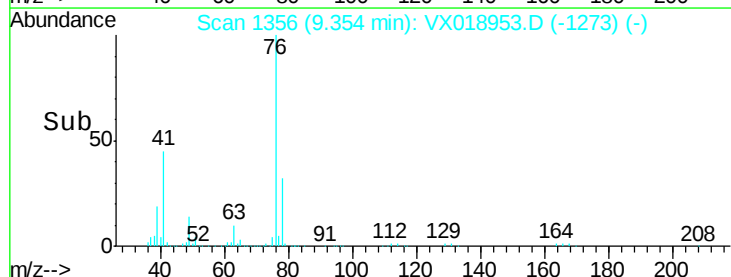
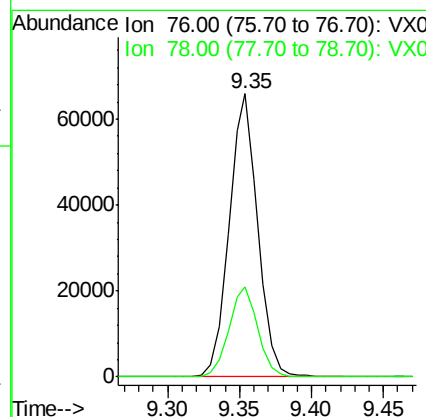
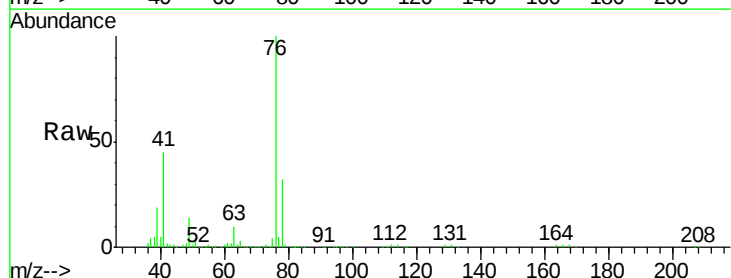
RT: 9.35 min Scan# 1356

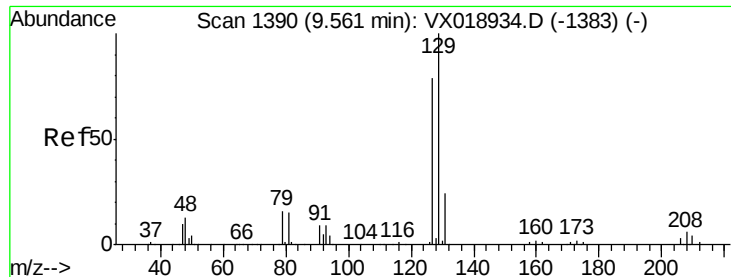
Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Tgt Ion:	76	Resp:	91486
Ion Ratio	Lower	Upper	
76	100		
78	32.3	0.0	65.2





#53

Dibromochloromethane

Concen: 18.553 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 62330

Ion Ratio Lower Upper

129 100

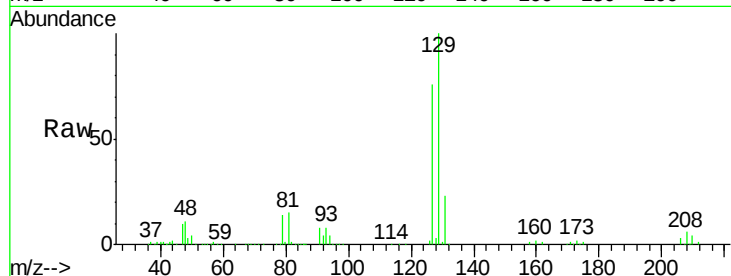
127 79.2 38.7 116.1

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.57

40000

30000

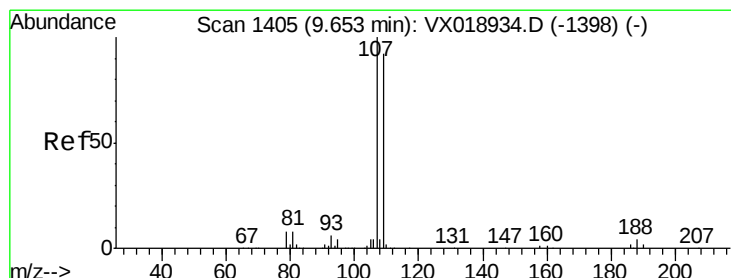
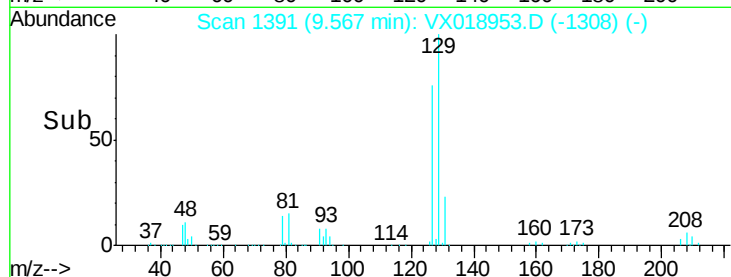
20000

10000

0

Time-->

9.50 9.55 9.60 9.65



#54

1,2-Dibromoethane

Concen: 19.239 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018953.D

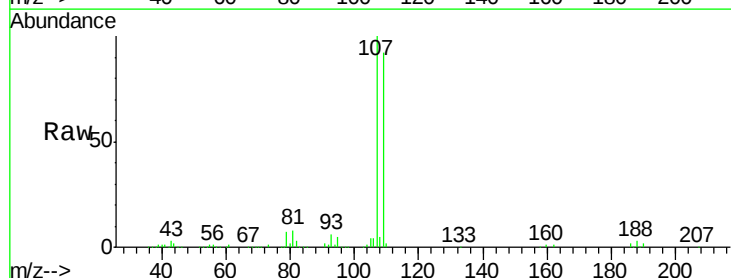
Acq: 15 Oct 2020 23:17

Tgt Ion:107 Resp: 59735

Ion Ratio Lower Upper

107 100

109 94.8 75.1 112.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

40000

30000

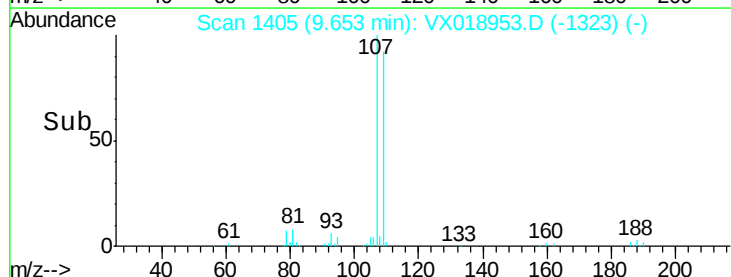
20000

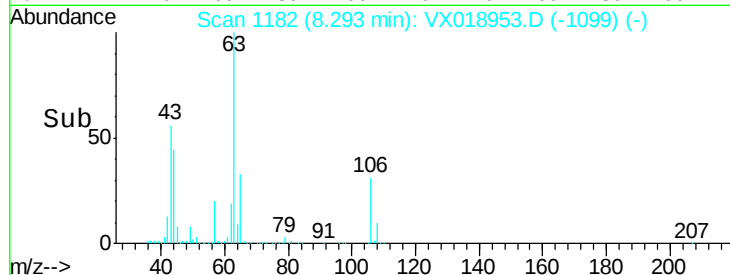
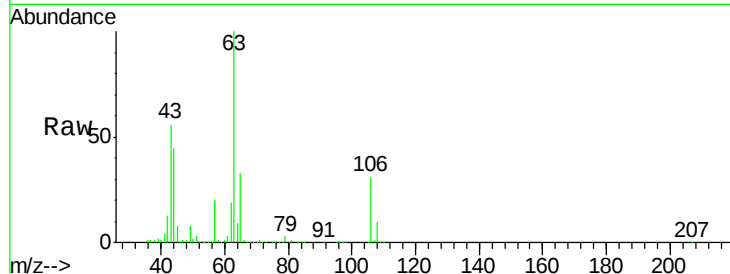
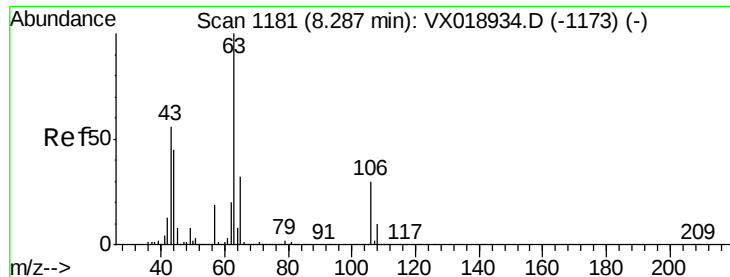
10000

0

Time-->

9.60 9.65 9.70





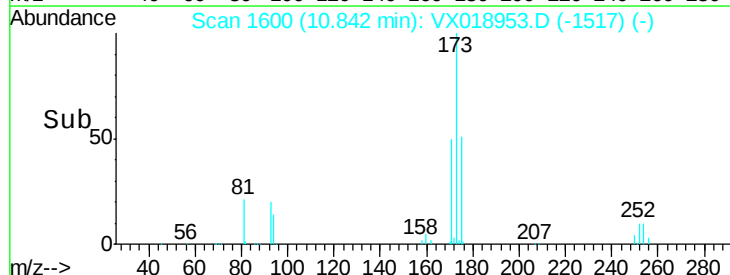
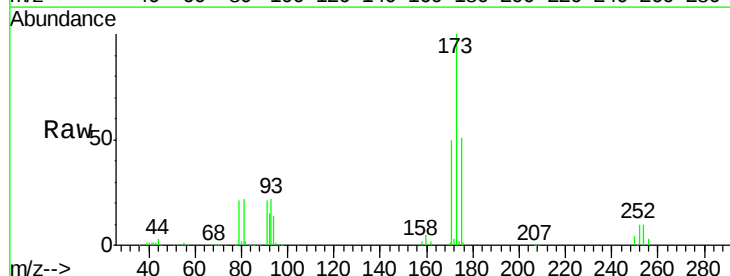
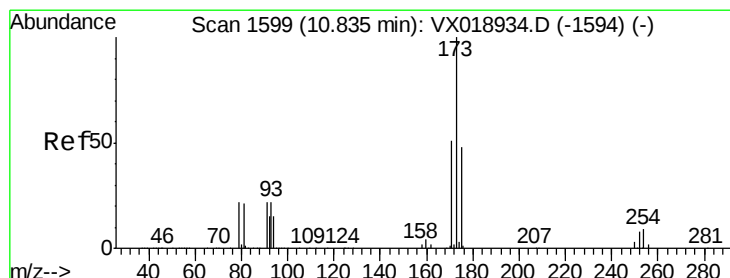
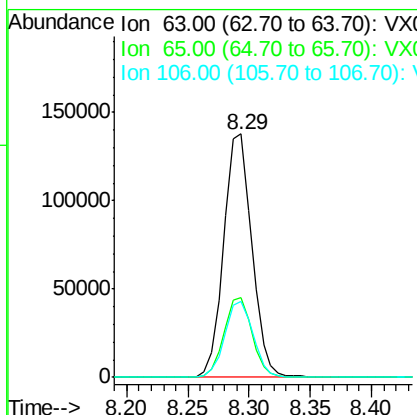
#55
2-Chloroethyl vinyl ether
Concen: 93.783 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tot Ion	63	Resp	219925
Ion Ratio	Lower	Upper	
63	100		
65	32.7	25.8	38.6
106	31.4	25.3	37.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

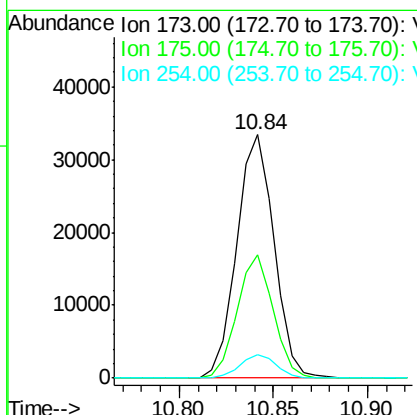
Manual Integrations
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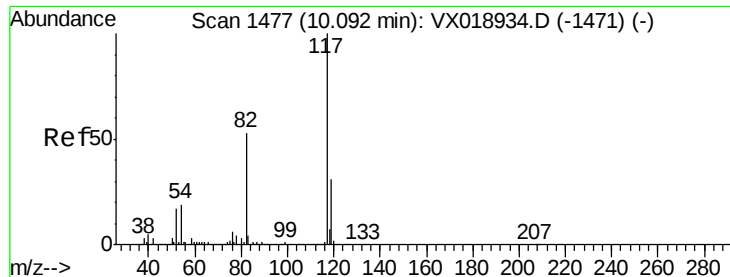
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#56
Bromoform
Concen: 17.676 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion	173	Resp	45841
Ion Ratio	Lower	Upper	
173	100		
175	48.8	39.2	58.8
254	9.2	7.5	11.3





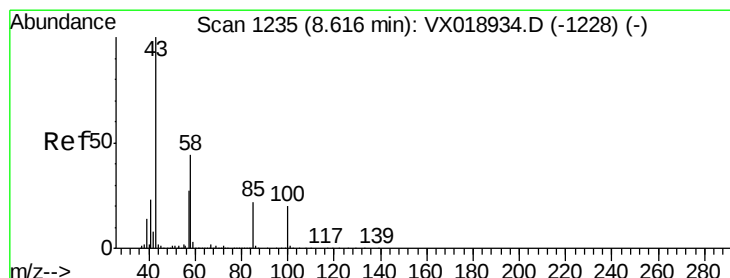
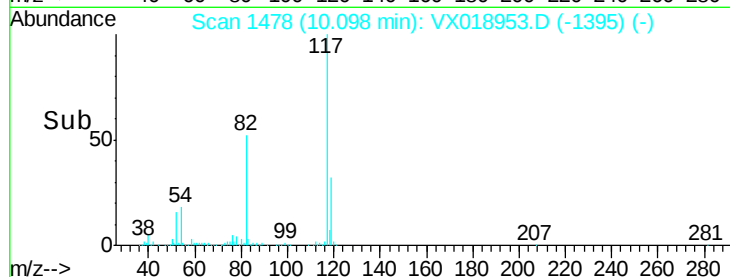
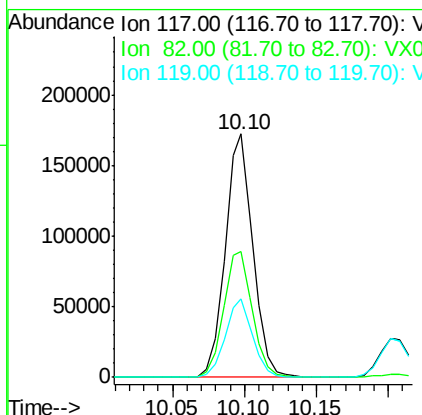
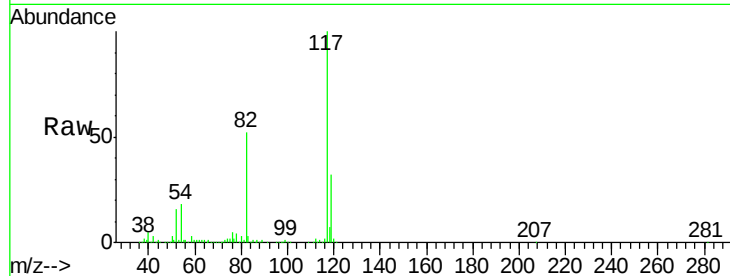
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.6	62.4
119	31.9	25.7	38.5

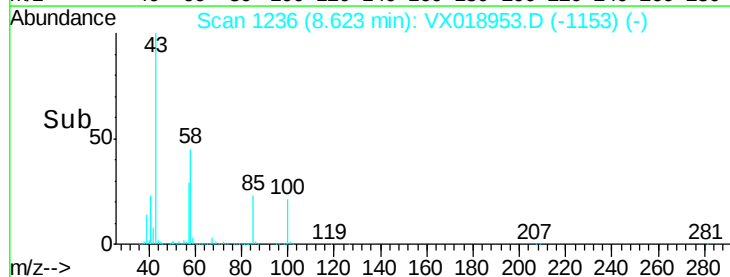
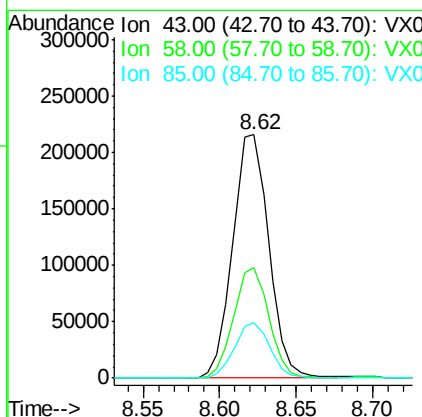
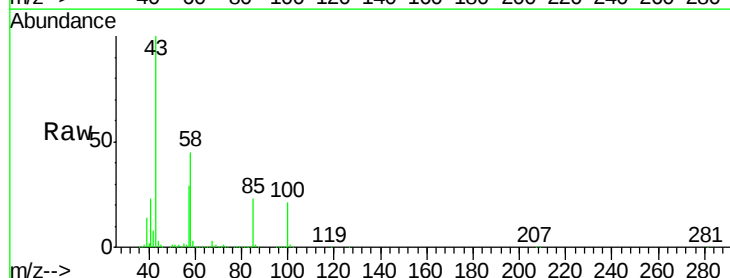
Manual Integrations
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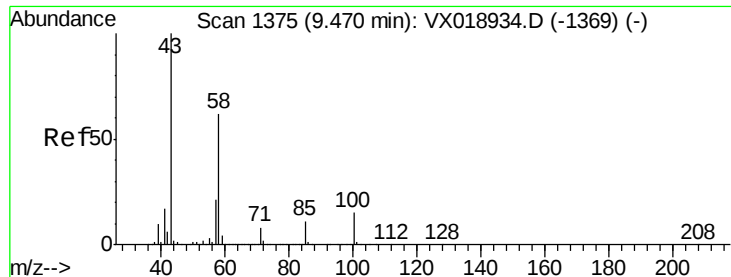
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#58
4-Methyl-2-Pentanone
Concen: 95.559 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	44.7	35.4	53.2
85	22.5	18.0	27.0





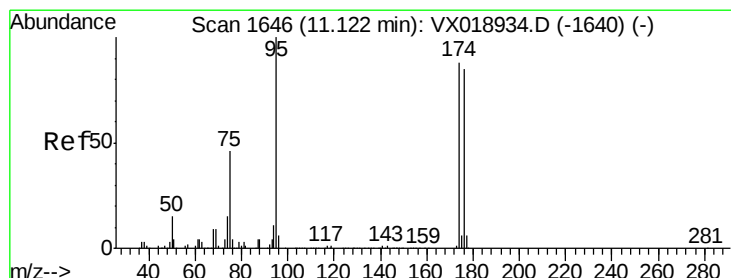
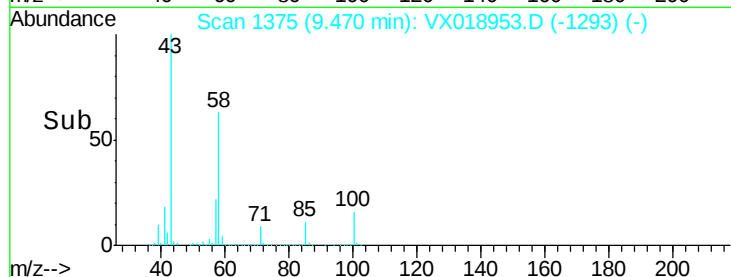
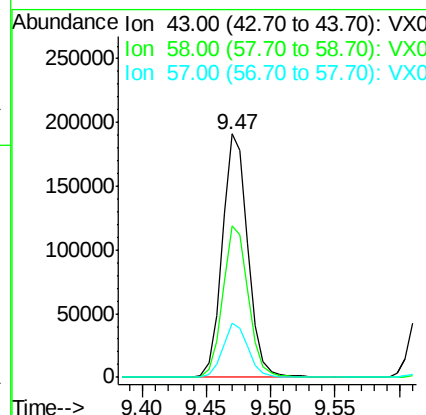
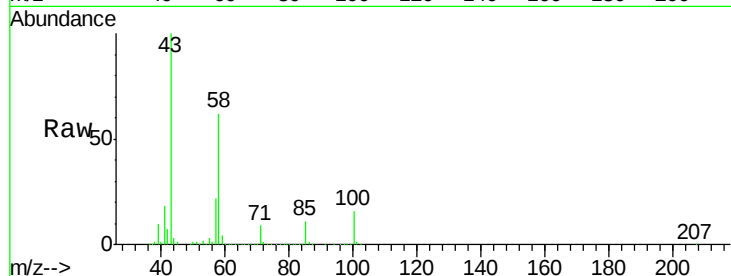
#59
2-Hexanone
Concen: 94.312 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	62.3	49.7	74.5
57	21.8	16.9	25.3

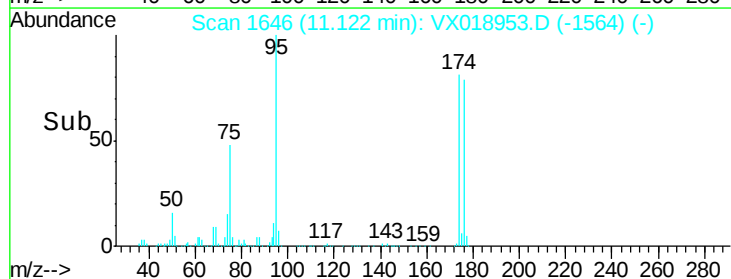
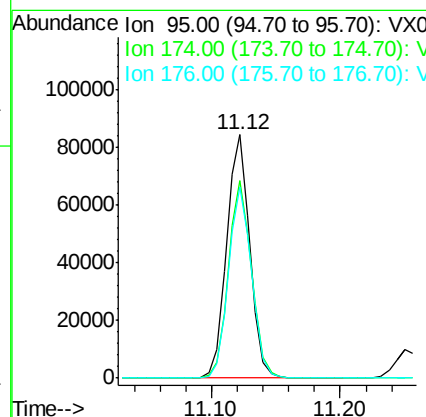
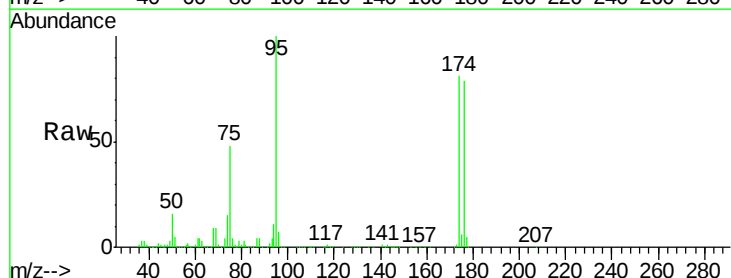
Manual Integrations
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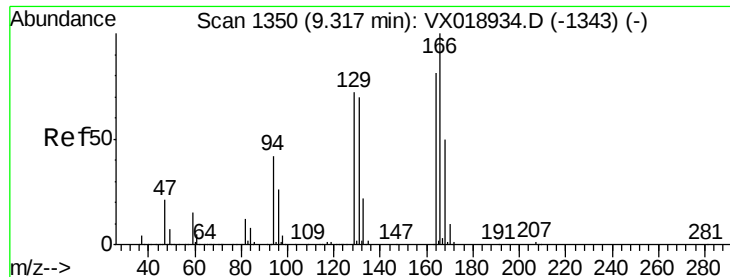
apatel
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#60
4-Bromofluorobenzene
Concen: 29.671 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.4	67.0	100.4
176	79.0	64.5	96.7





#61

Tetrachloroethene

Concen: 18.000 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 51059

Ion Ratio Lower Upper

164 100

166 123.8 99.4 149.0

129 90.7 71.8 107.6

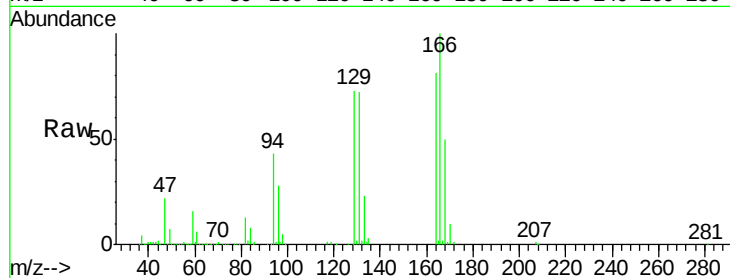
131 88.9 69.8 104.6

Manual Integrations

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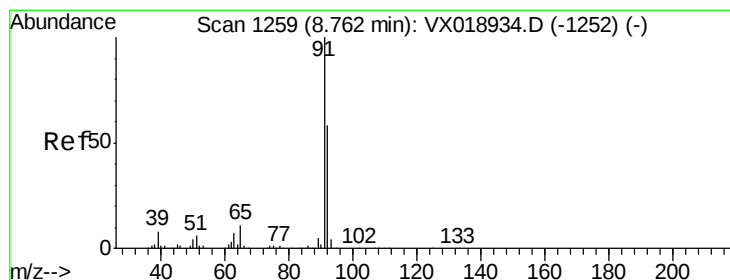
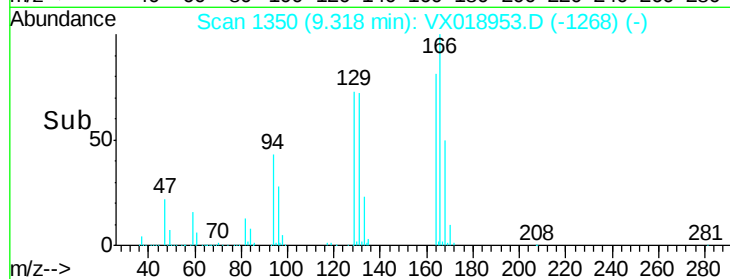
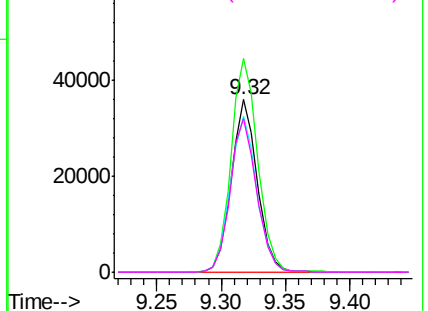


Abundance Ion 163.85 (163.55 to 164.55): V

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



#62

Toluene

Concen: 18.924 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018953.D

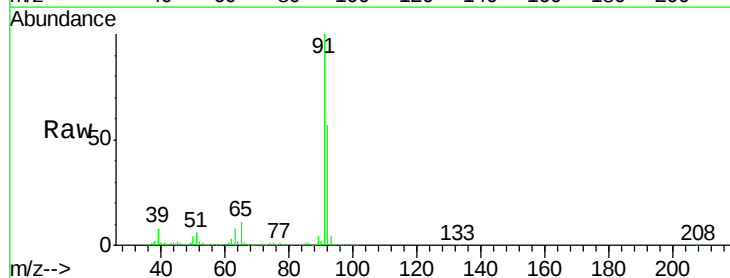
Acq: 15 Oct 2020 23:17

Tgt Ion: 91 Resp: 233908

Ion Ratio Lower Upper

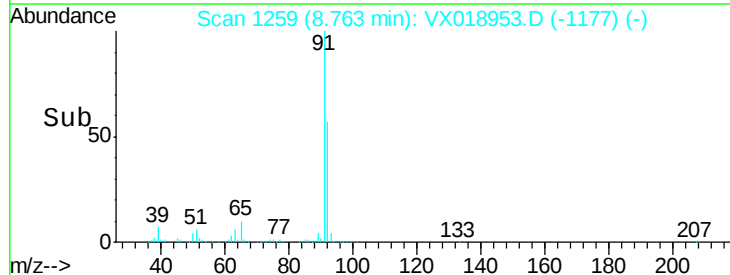
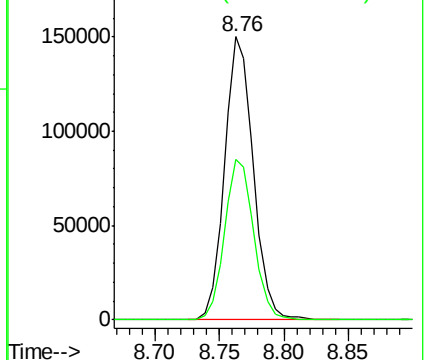
91 100

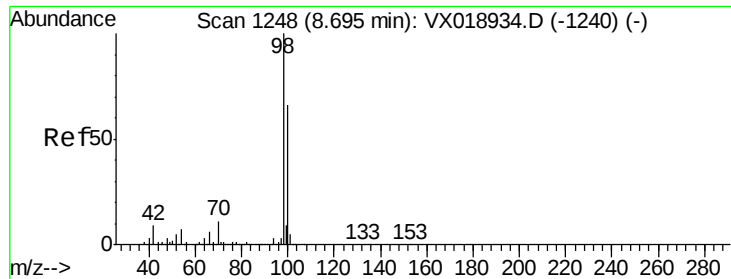
92 57.8 47.1 70.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





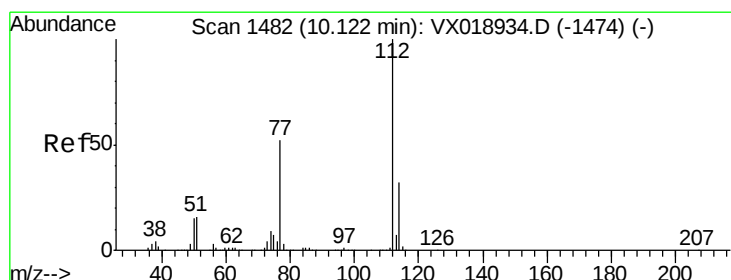
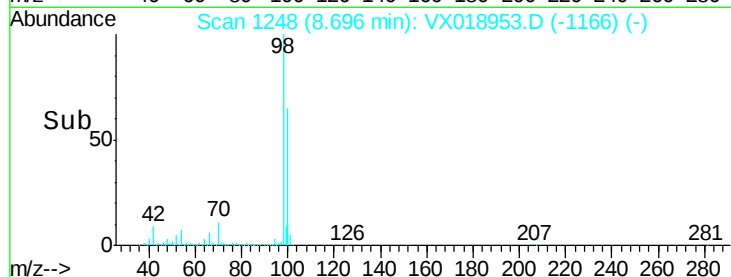
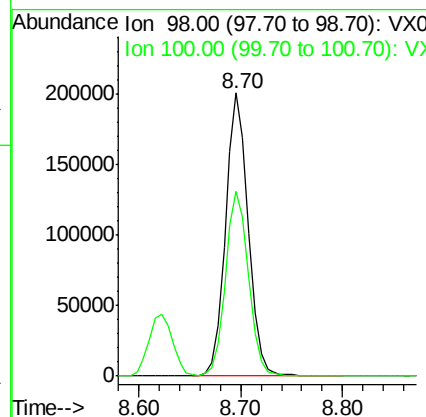
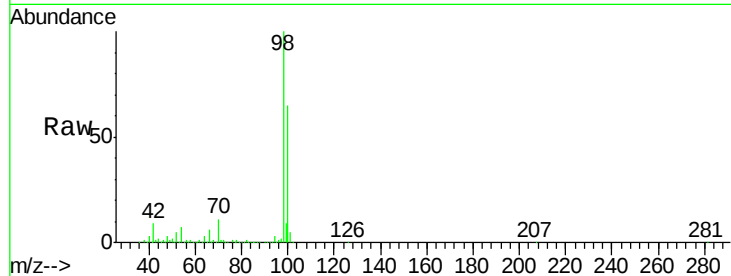
#63
Toluene-d8
Concen: 30.507 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 307426
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8

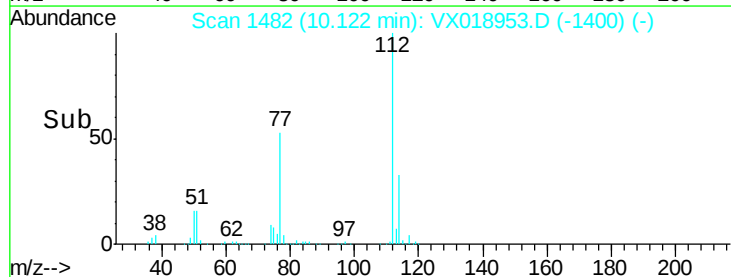
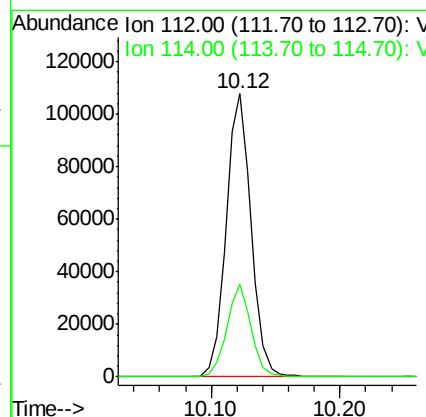
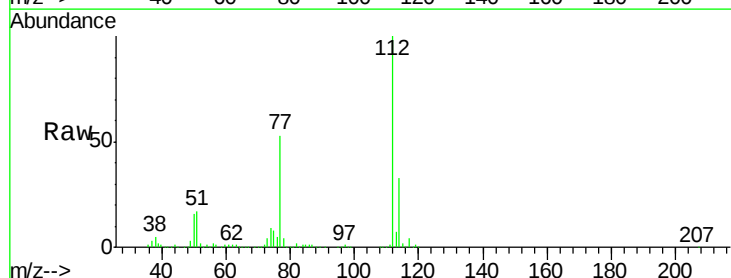
Manual Integrations
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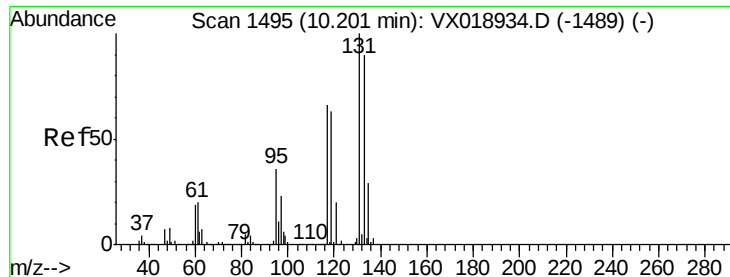
apatel
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#64
Chlorobenzene
Concen: 18.592 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion: 112 Resp: 146181
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 18.352 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

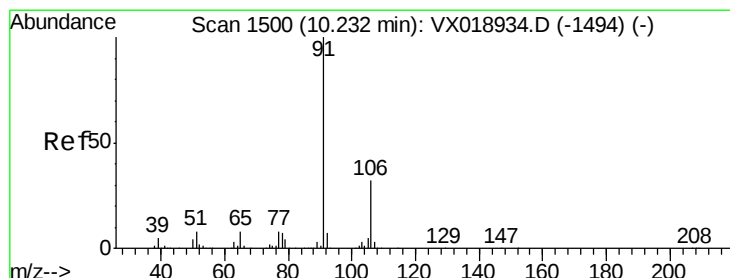
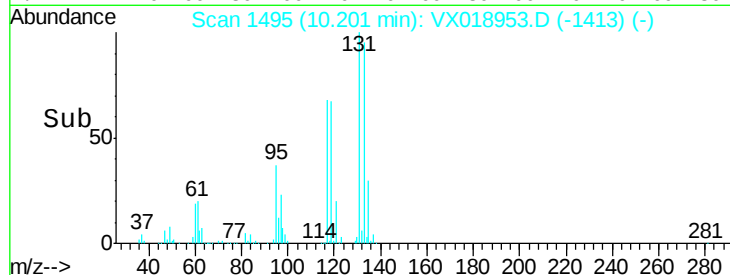
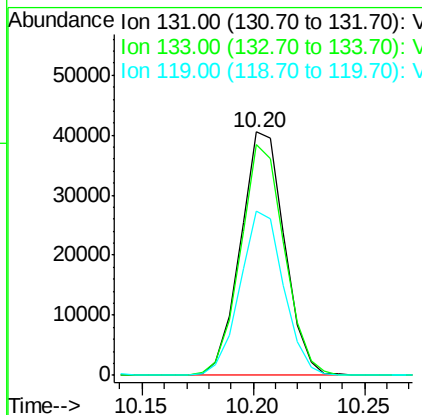
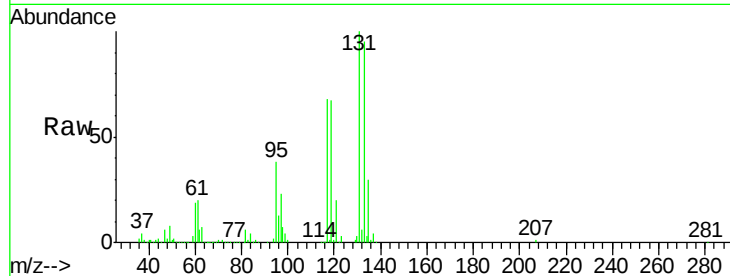
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.5	0.0	188.8
119	67.0	0.0	127.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.686 ug/l

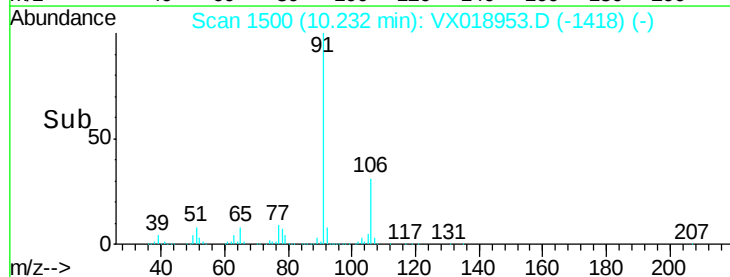
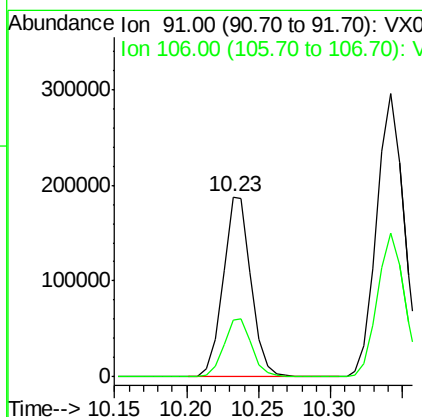
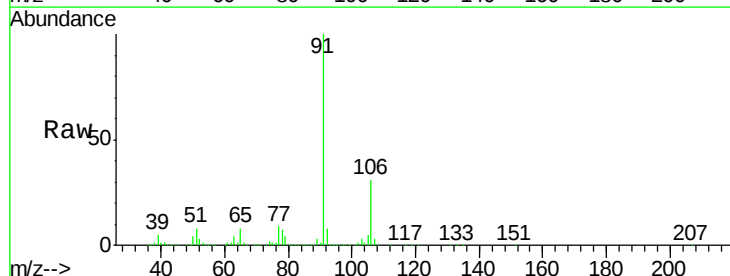
RT: 10.23 min Scan# 1500

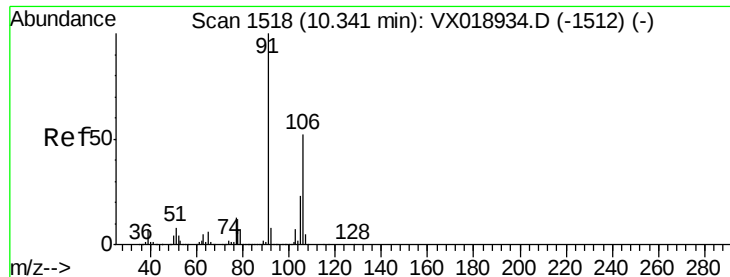
Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.3	37.9





#67

m/p-Xylenes

Concen: 36.559 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 196213

Ion Ratio Lower Upper

106 100

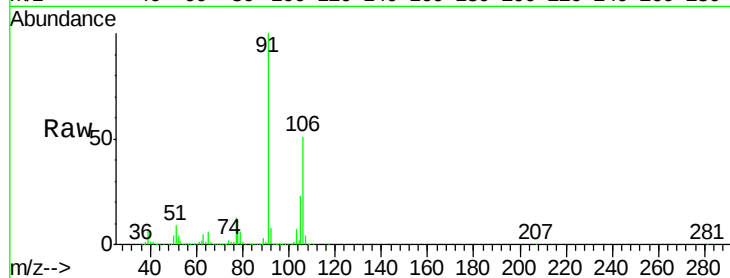
91 197.7 155.7 233.5

Manual Integrations

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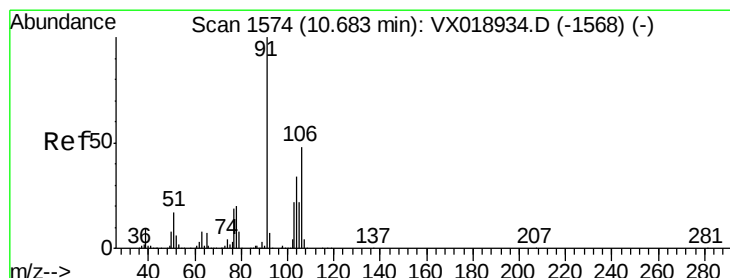
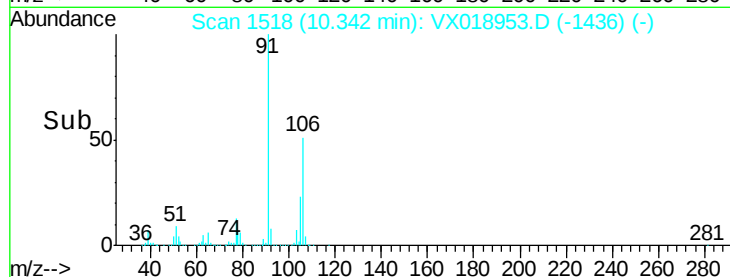
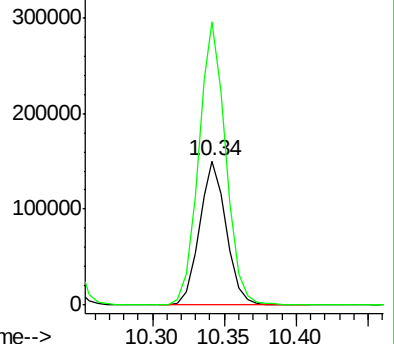
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.798 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018953.D

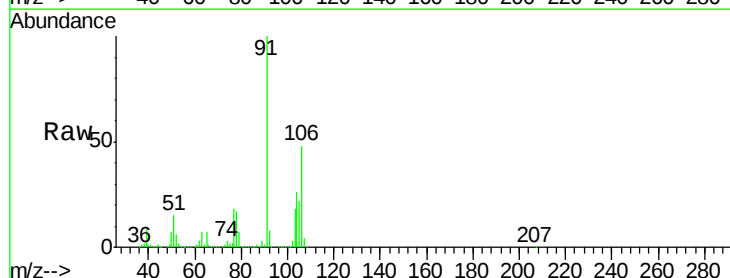
Acq: 15 Oct 2020 23:17

Tgt Ion:106 Resp: 95413

Ion Ratio Lower Upper

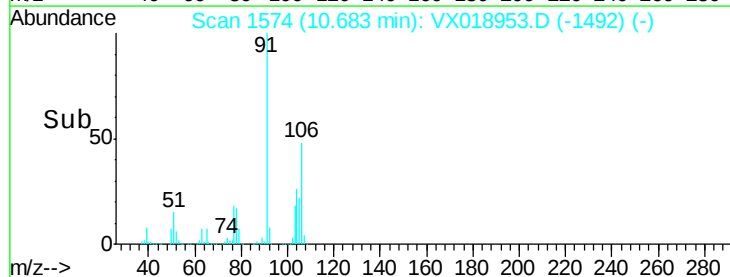
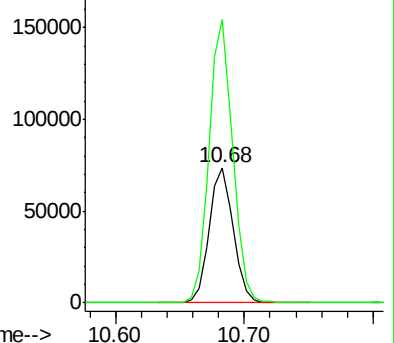
106 100

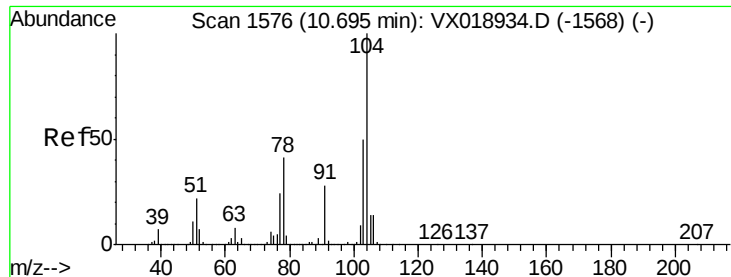
91 206.0 103.3 309.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





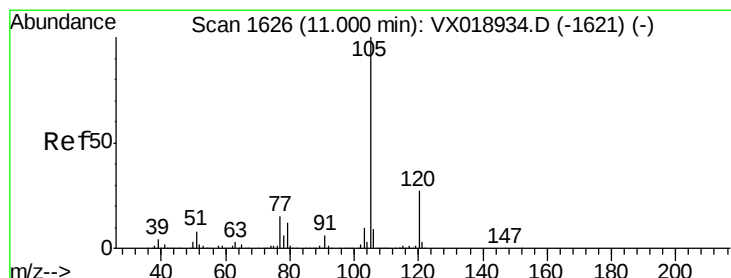
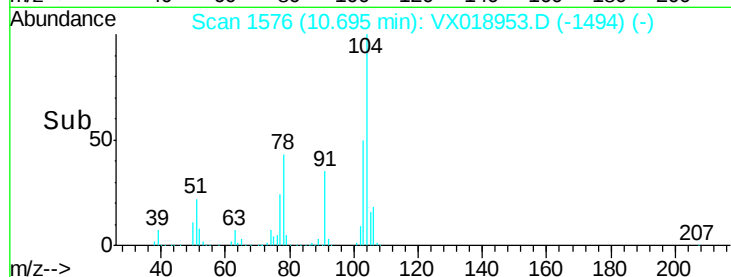
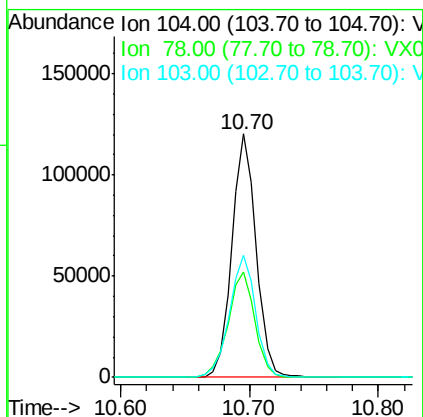
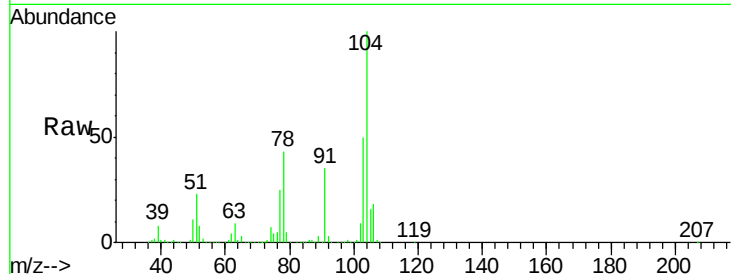
#69
Stvrene
Concen: 18.151 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.8	37.8	56.6
103	54.5	44.1	66.1

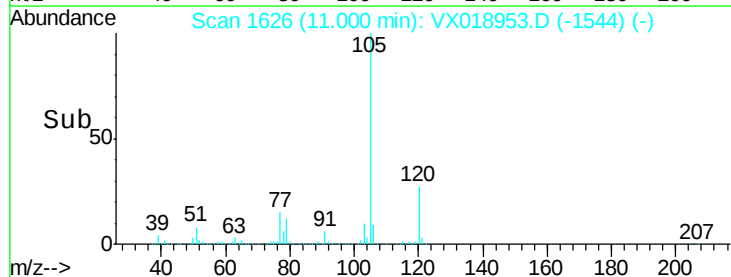
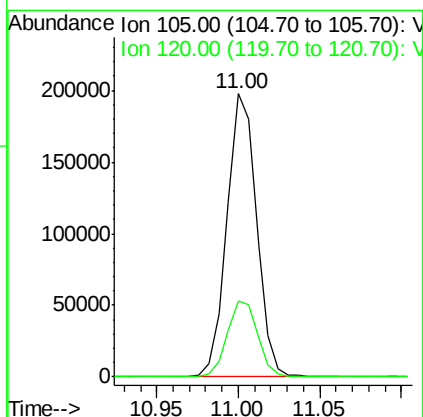
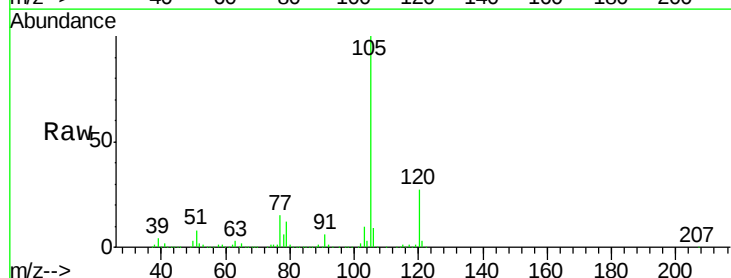
Manual Integrations
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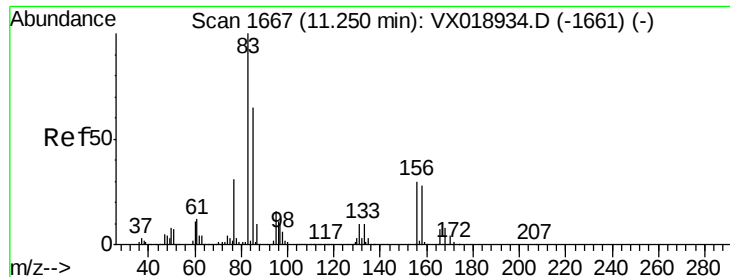
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#70
Isopropylbenzene
Concen: 18.504 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	19.4	36.0





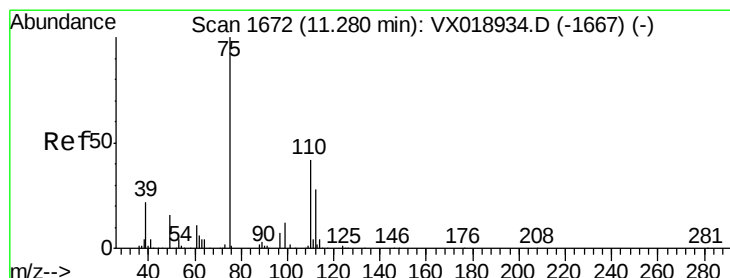
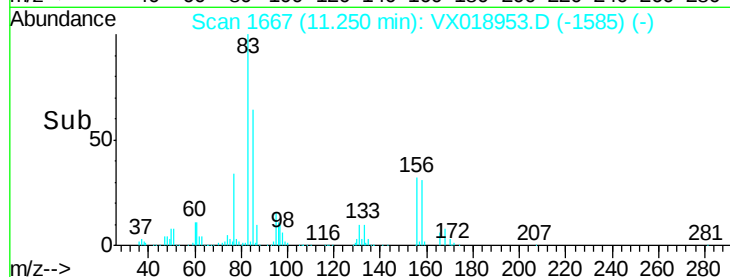
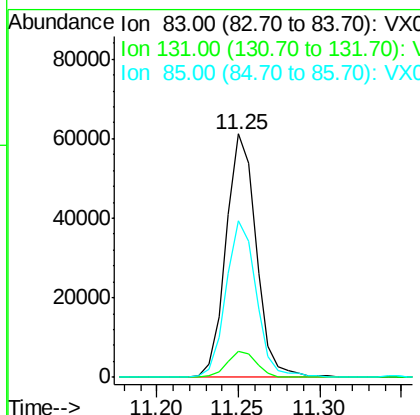
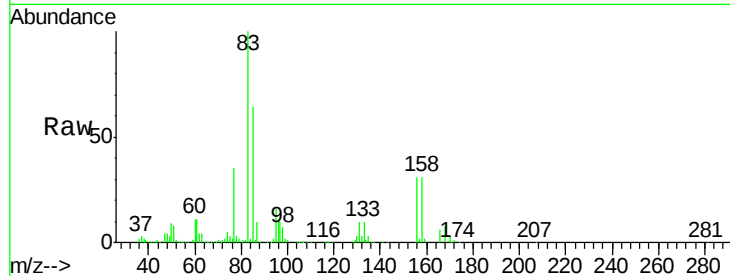
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.805 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.3	16.1
85	64.9	32.3	96.8

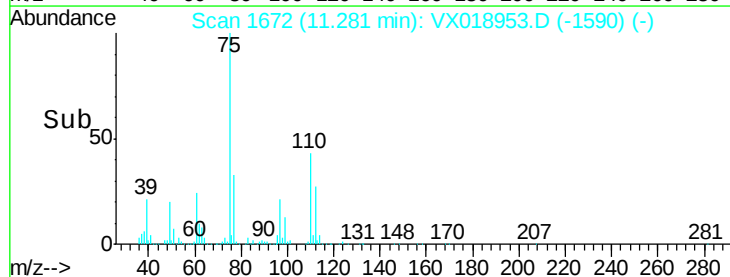
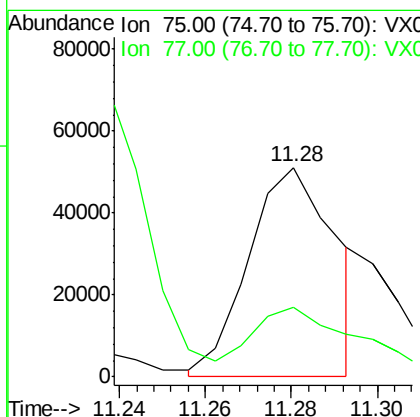
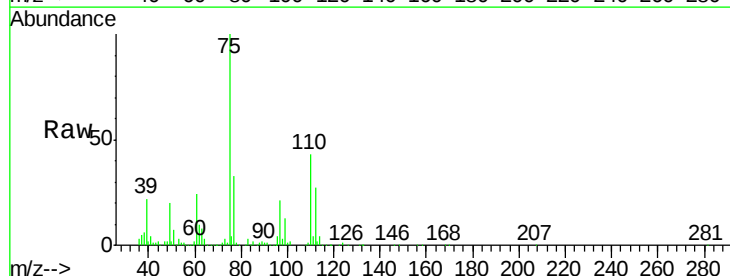
Manual Integrations
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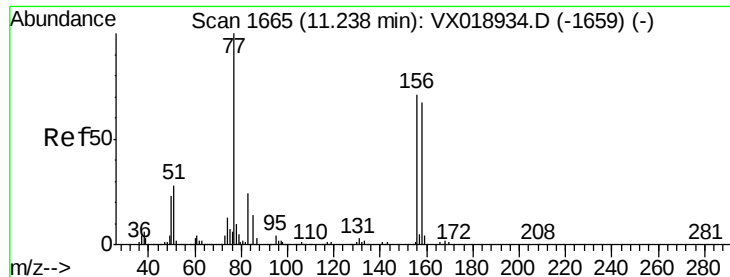
apatel
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#72
 1,2,3-Trichloropropane
 Concen: 18.281 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	38.6	0.0	75.8





#73

Bromobenzene

Concen: 17.725 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

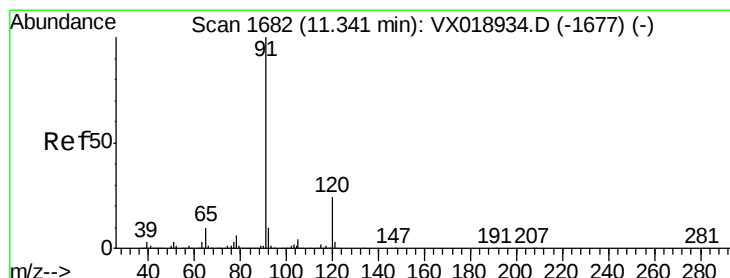
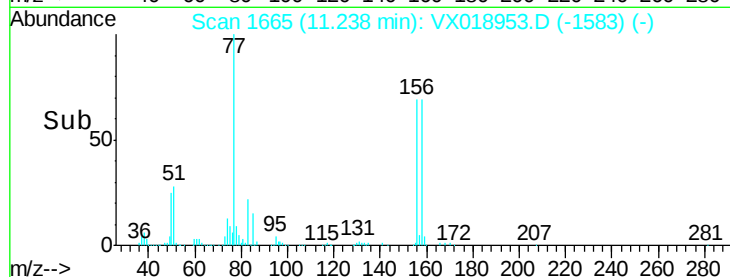
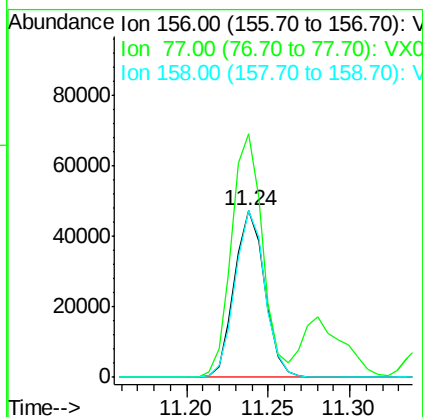
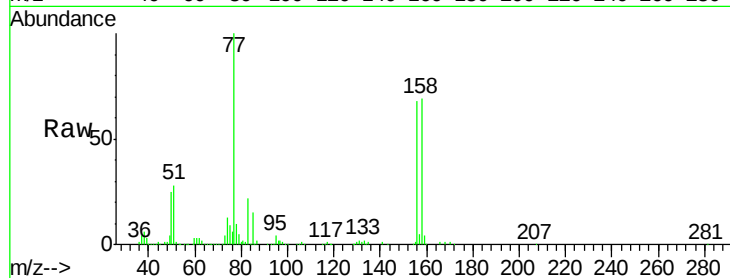
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		61549		
77	149.1		0.0	288.2	
158	98.6		0.0	189.2	

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#74

n-propylbenzene

Concen: 17.980 ug/l

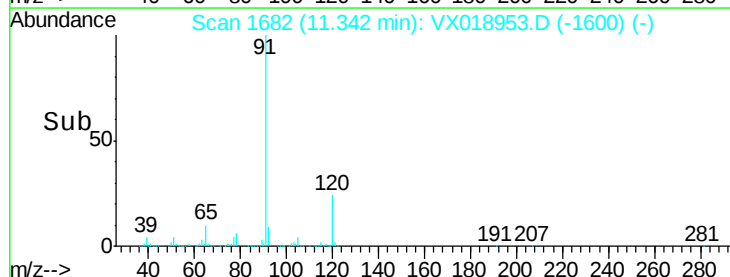
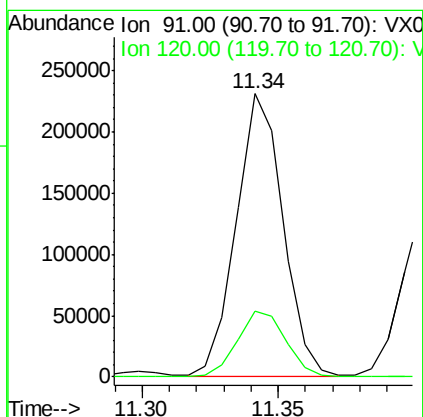
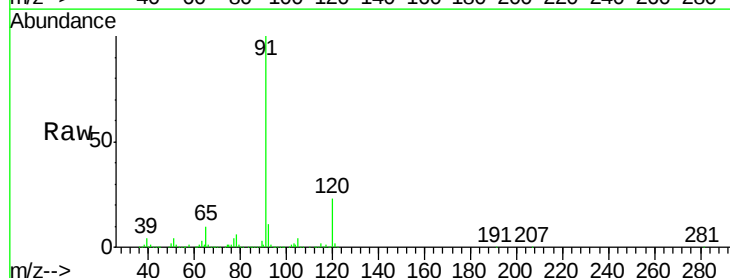
RT: 11.34 min Scan# 1682

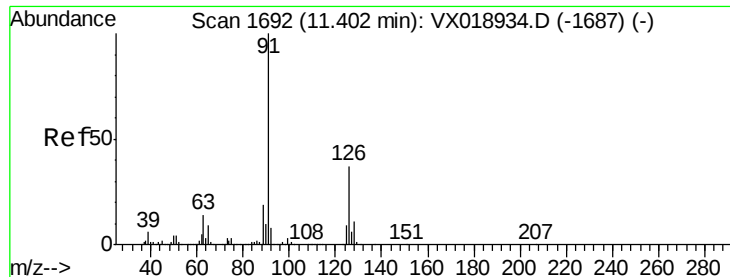
Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		276204		
120	24.2		0.0	48.4	





#75

2-Chlorotoluene

Concen: 18.533 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 164568

Ion Ratio Lower Upper

91 100

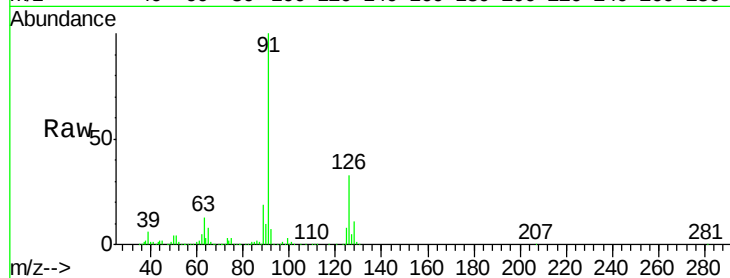
126 34.9 0.0 70.8

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Abundance Ion 91.00 (90.70 to 91.70): VX018953.D (-1610) (-)

Ion 126.00 (125.70 to 126.70): VX018953.D (-1610) (-)

250000

200000

150000

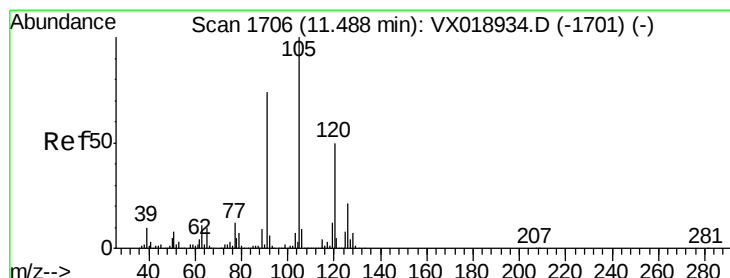
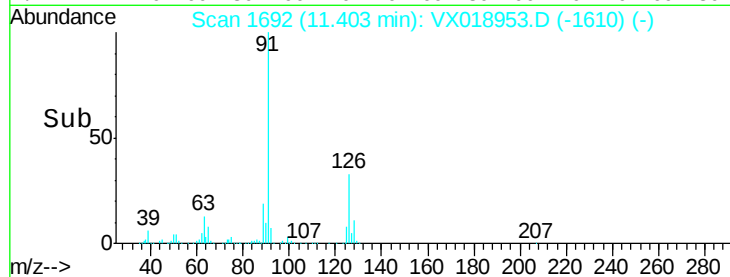
100000

50000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.165 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX018953.D

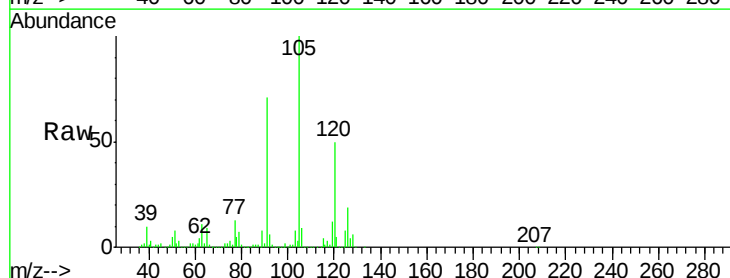
Acq: 15 Oct 2020 23:17

Tgt Ion: 105 Resp: 205146

Ion Ratio Lower Upper

105 100

120 50.1 0.0 101.6



Abundance Ion 105.00 (104.70 to 105.70): VX018953.D (-1624) (-)

Ion 120.00 (119.70 to 120.70): VX018953.D (-1624) (-)

150000

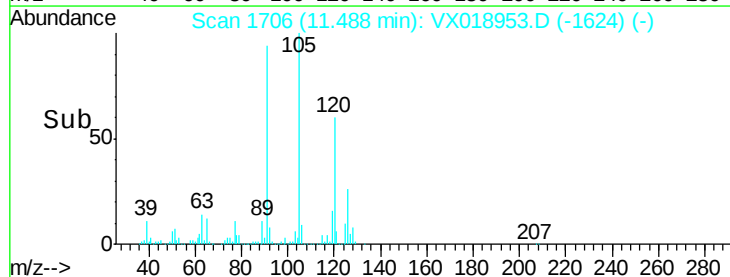
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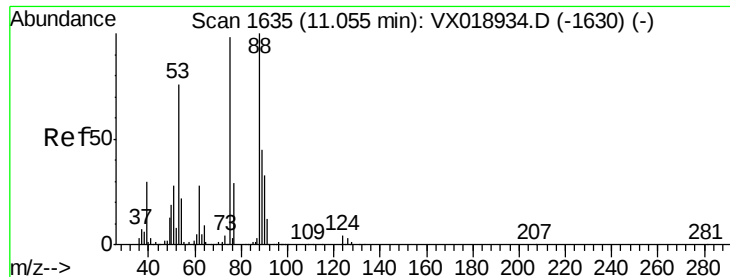
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0

11.45 11.50 11.55

Time-->





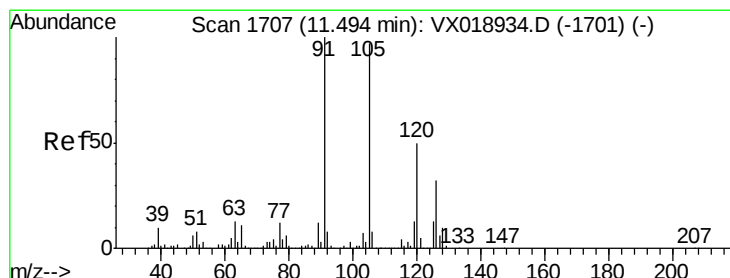
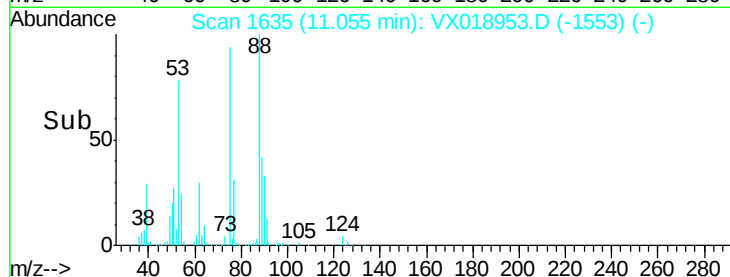
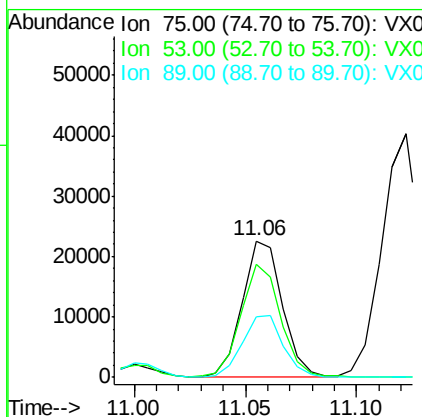
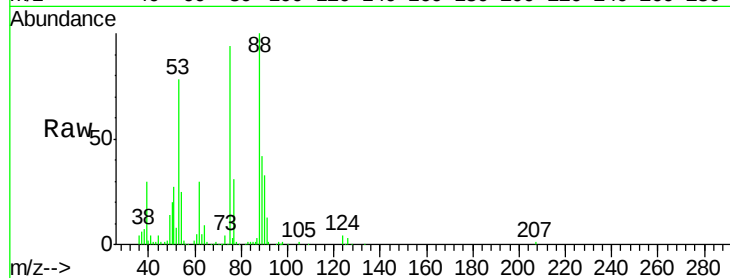
#77
t-1,4-Dichloro-2-butene
Concen: 16.859 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.5	38.8	116.3
89	44.6	22.9	68.8

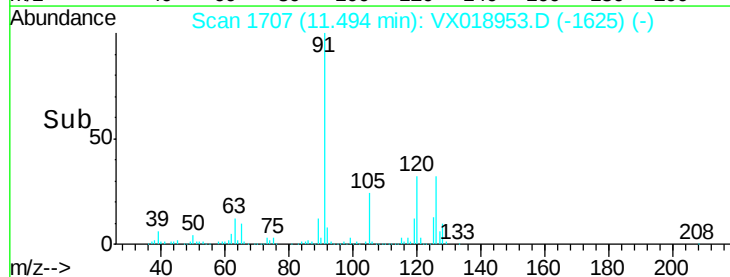
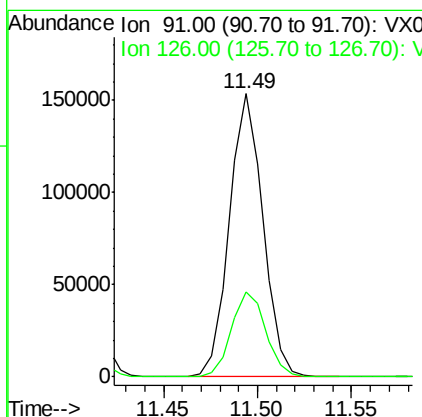
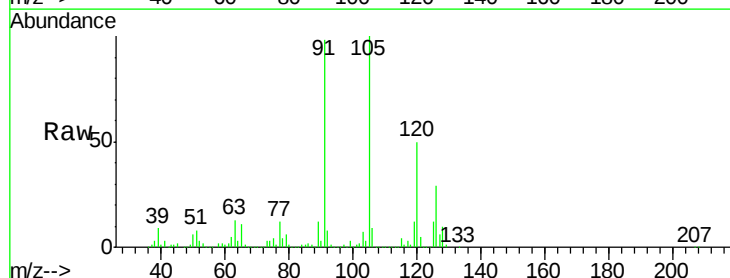
Manual Integrations
APPROVED

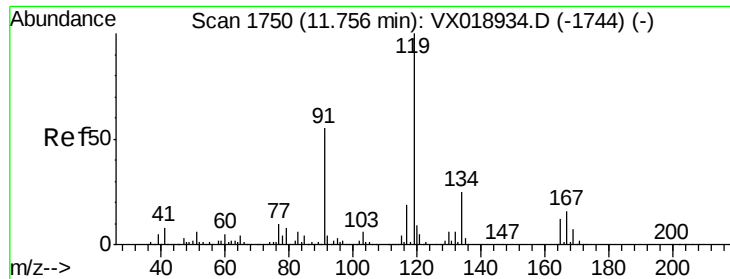
apatel
10/16/2020 2:11:22 PM



#78
4-Chlorotoluene
Concen: 18.106 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	0.0	63.6





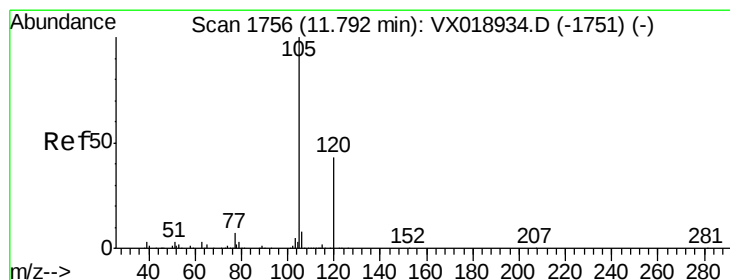
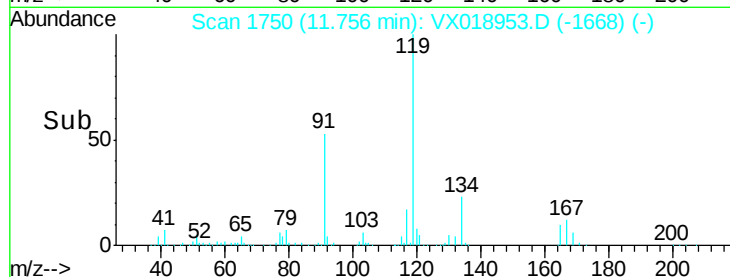
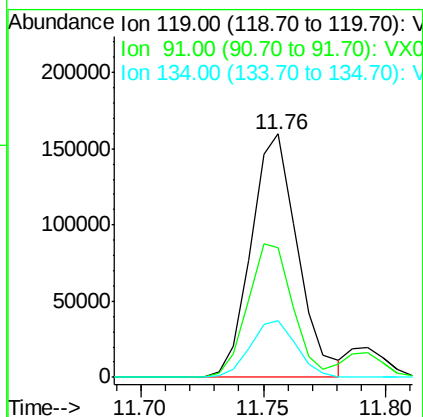
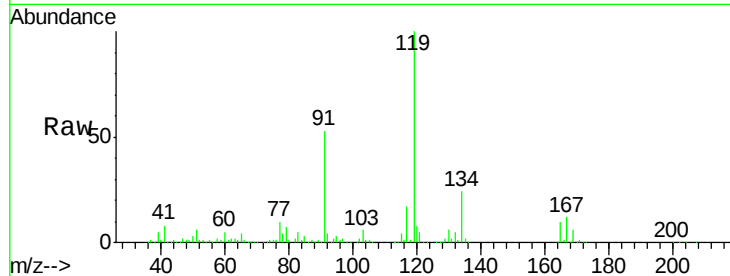
#79
tert-butylbenzene
Concen: 18.440 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	210932		
91	53.2	0.0	110.0	
134	23.1	0.0	47.4	

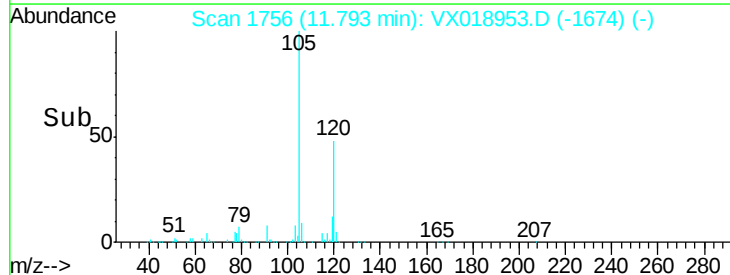
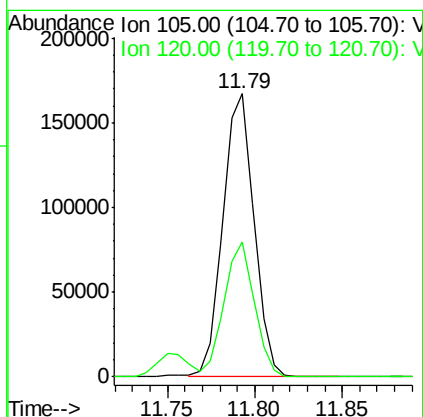
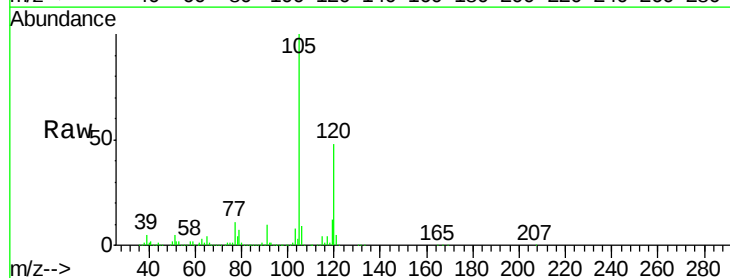
Manual Integrations
APPROVED

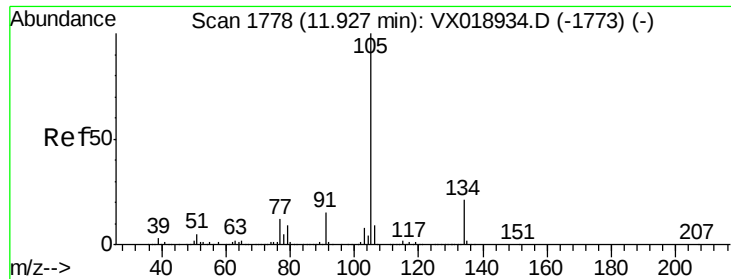
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 18.380 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	206830		
120	46.4	0.0	93.0	





#81

sec-Butylbenzene

Concen: 18.231 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 239139

Ion Ratio Lower Upper

105 100

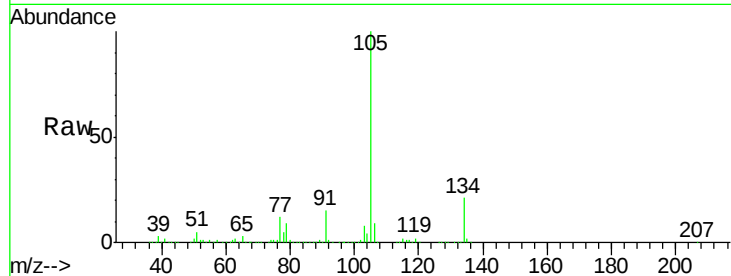
134 20.9 0.0 42.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

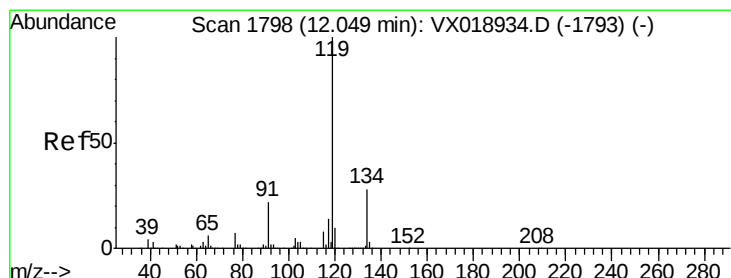
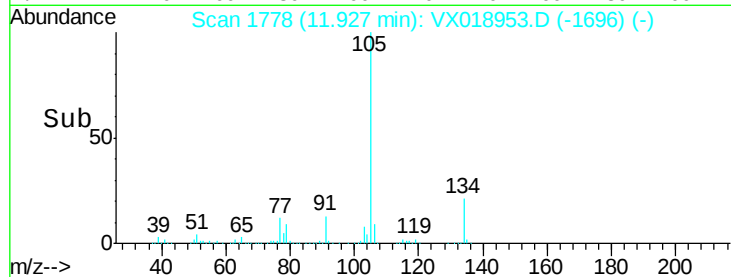
100000

50000

0

11.90 11.95

Time-->



#82

p-Isopropyltoluene

Concen: 17.681 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

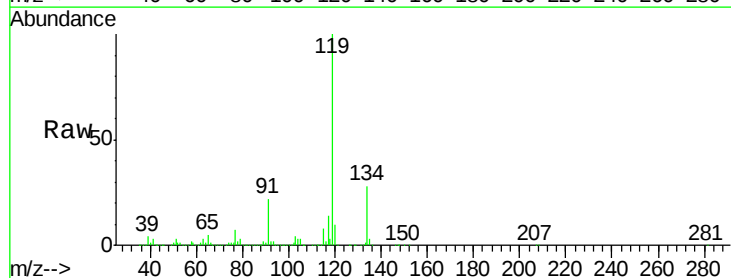
Tgt Ion:119 Resp: 216190

Ion Ratio Lower Upper

119 100

134 27.1 0.0 54.8

91 22.5 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

250000

200000

150000

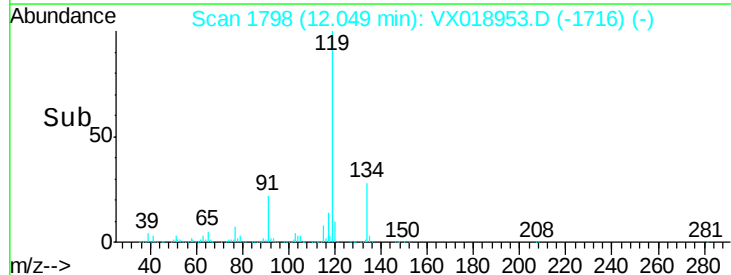
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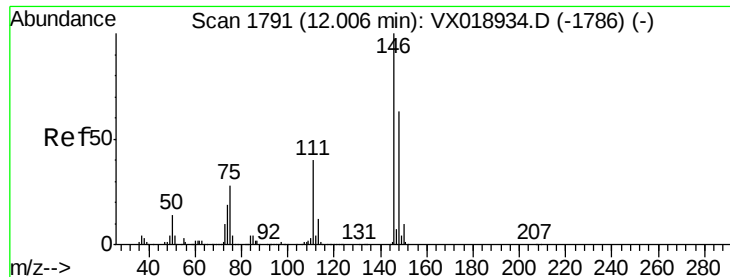
50000

0

12.00 12.05 12.10

Time-->





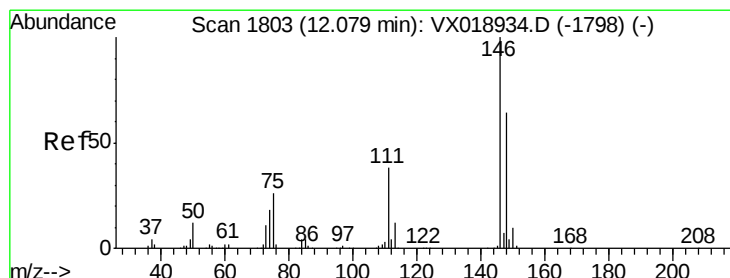
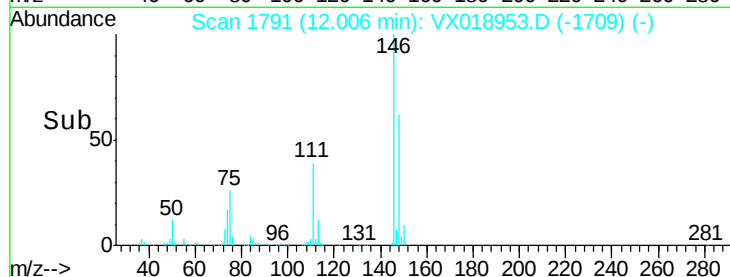
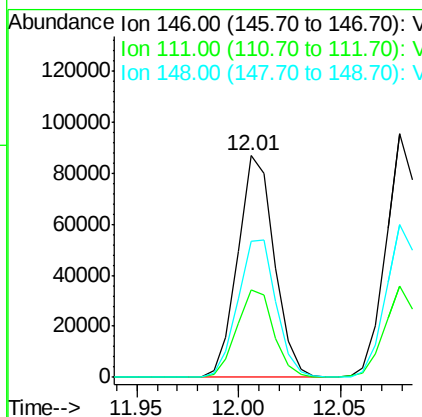
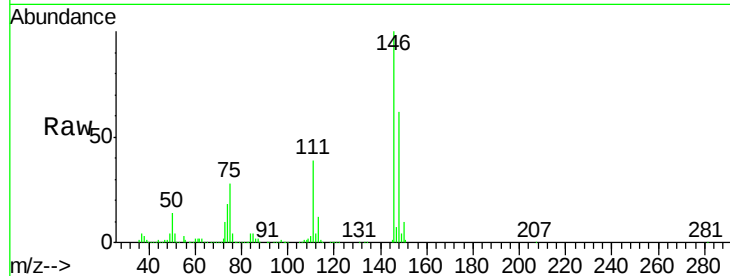
#83
 1,3-Dichlorobenzene
 Concen: 17.536 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.7
148	64.7	31.9	95.5

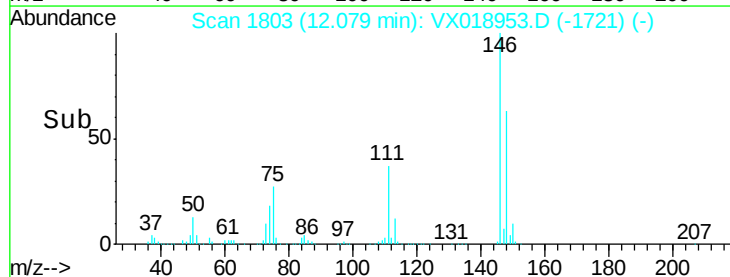
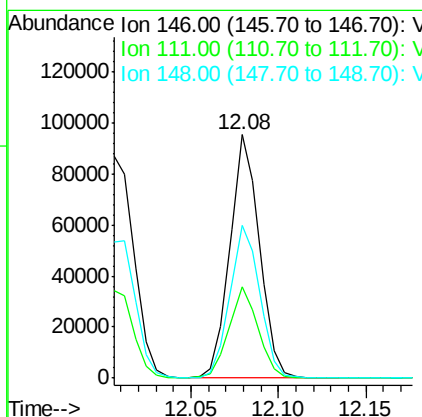
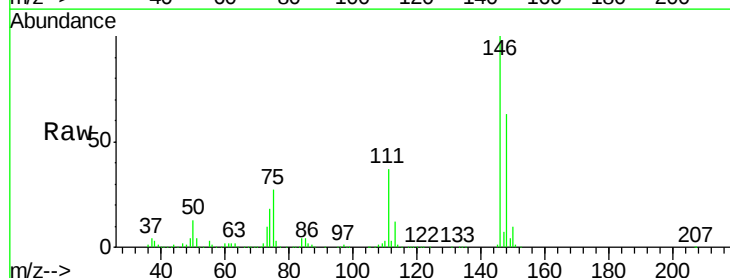
Manual Integrations
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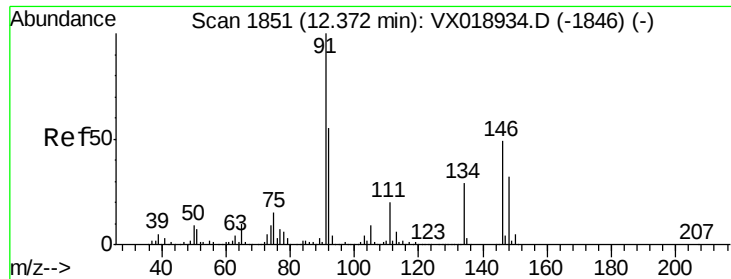
apatel
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#84
 1,4-Dichlorobenzene
 Concen: 17.994 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.6
148	63.9	32.1	96.5





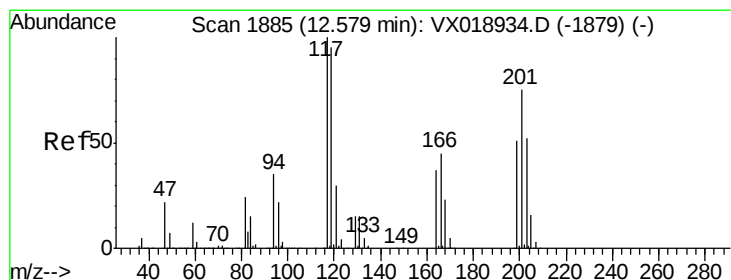
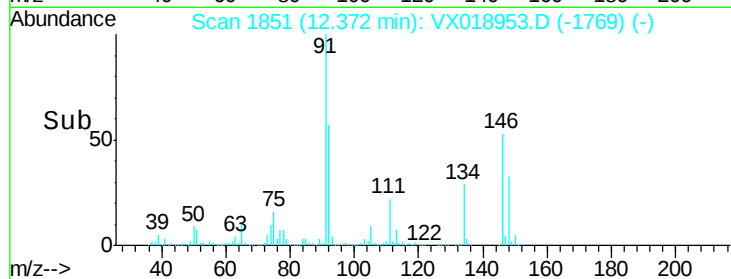
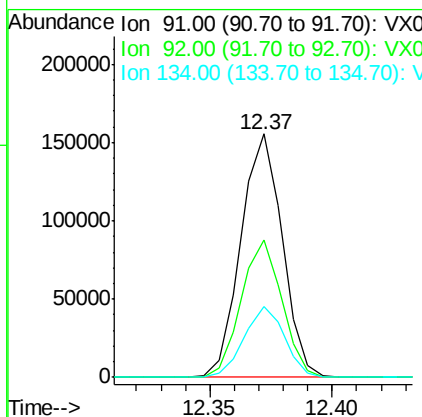
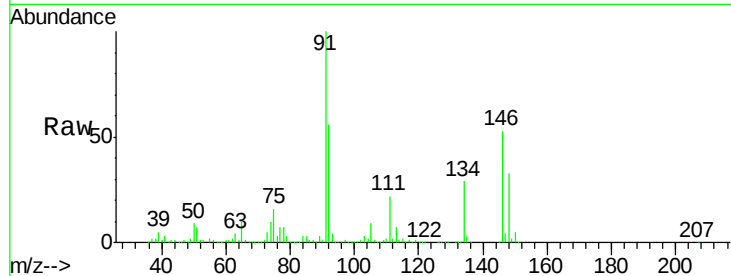
#85
n-Butylbenzene
Concen: 16.771 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.4	0.0	109.6	
134	28.5	0.0	56.4	

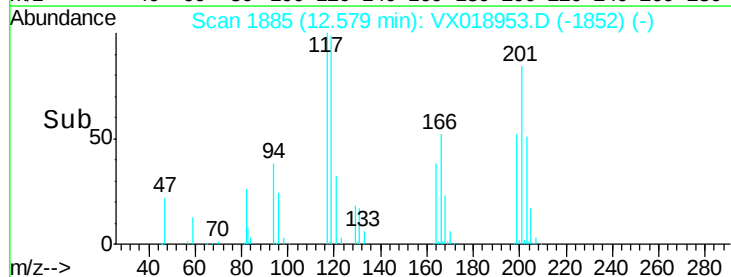
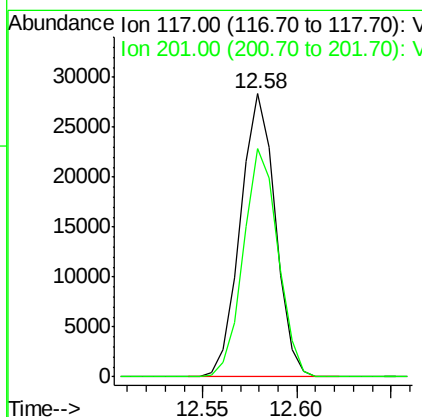
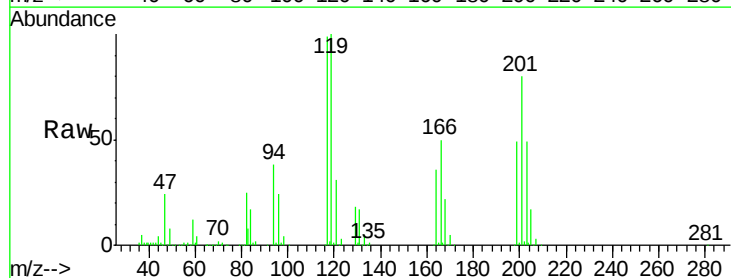
Manual Integrations
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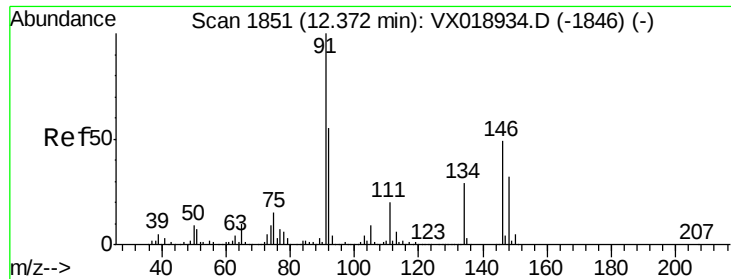
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#86
Hexachloroethane
Concen: 17.584 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	80.1	38.9	116.6	





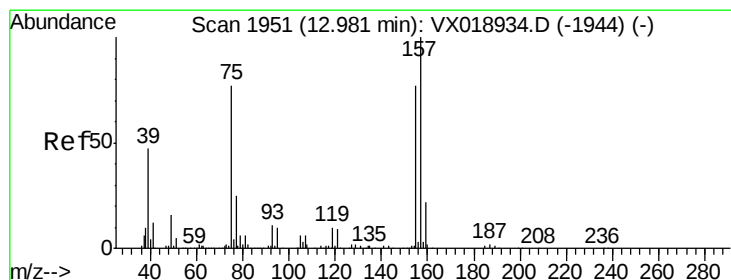
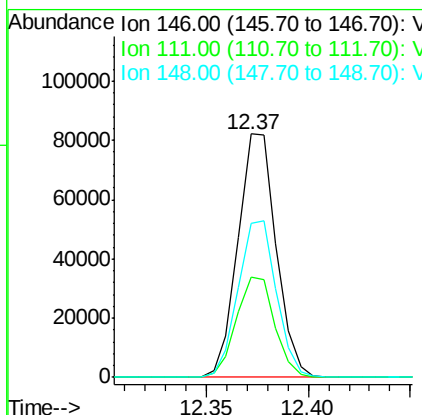
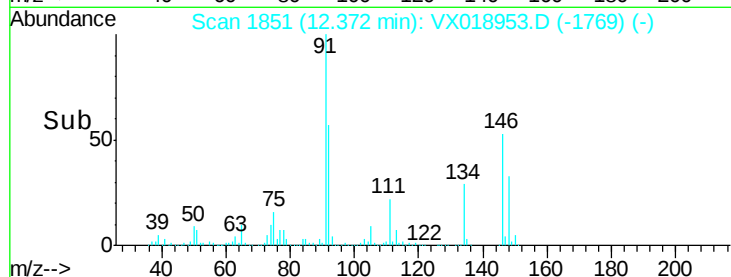
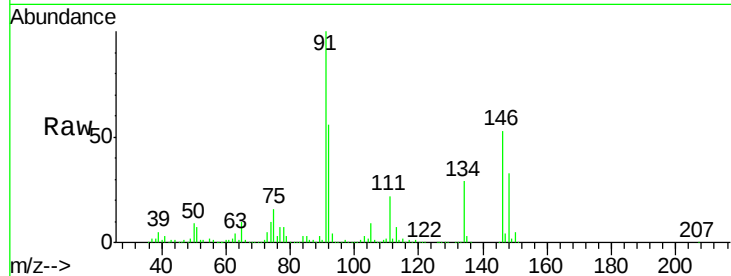
#87
 1,2-Dichlorobenzene
 Concen: 17.927 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.9	59.6
148	64.4	31.9	95.7

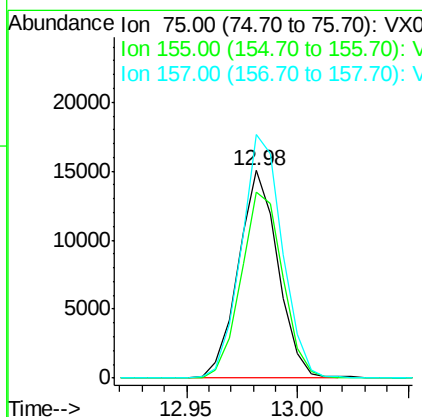
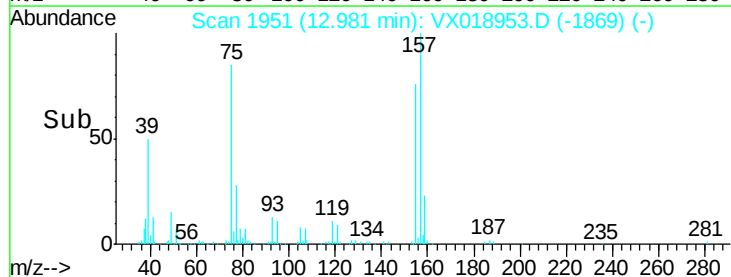
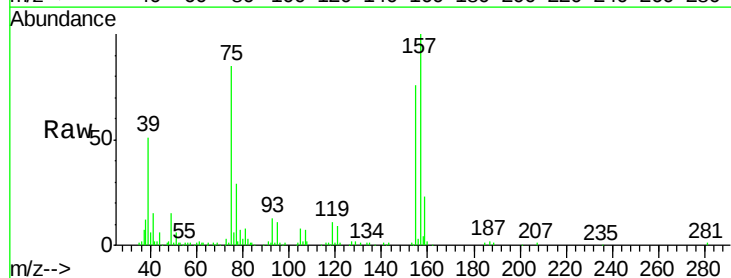
Manual Integrations
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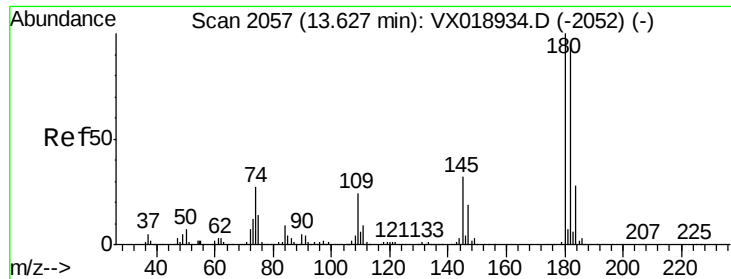
apatel
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.420 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.8	79.3	118.9
157	121.3	104.2	156.4





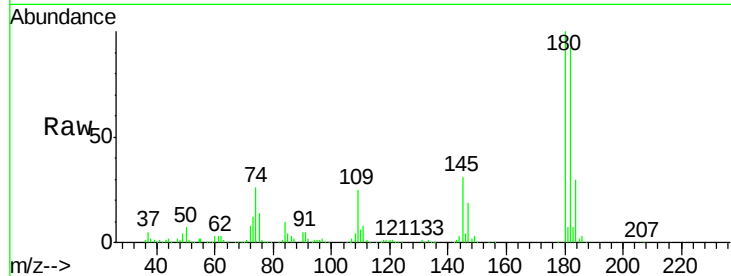
#89
 1,2,4-Trichlorobenzene
 Concen: 16.371 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.4	113.2
145	30.4	24.8	37.2

Manual Integrations
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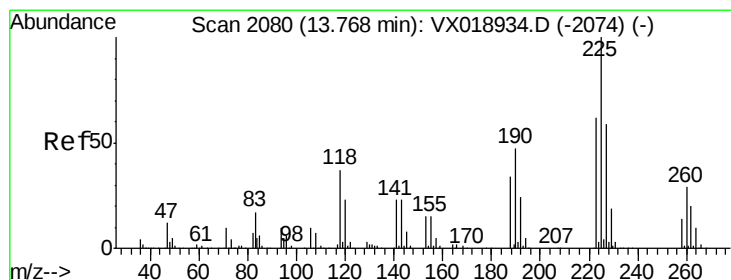
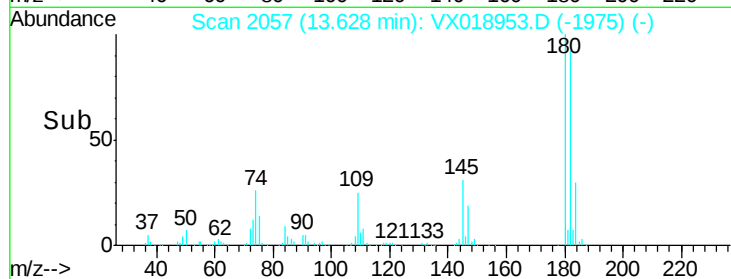
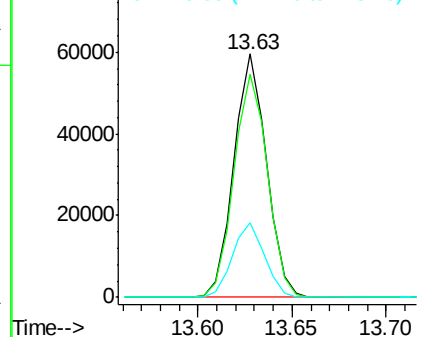


Abundance

Ion 180.00 (179.70 to 180.70): V

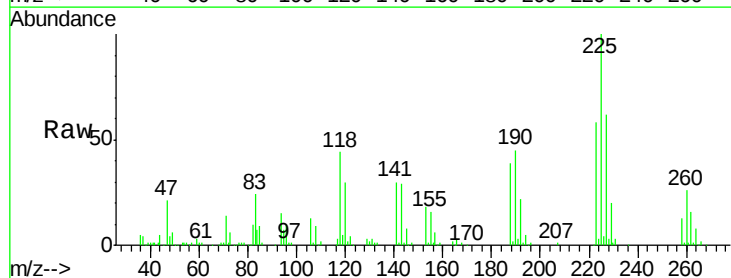
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 16.279 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	0.0	128.8
227	64.0	0.0	123.2

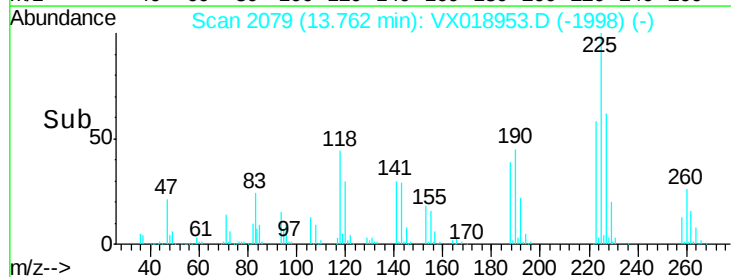
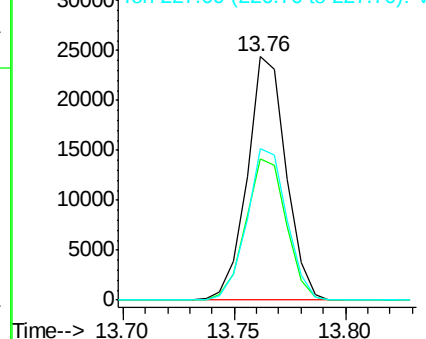


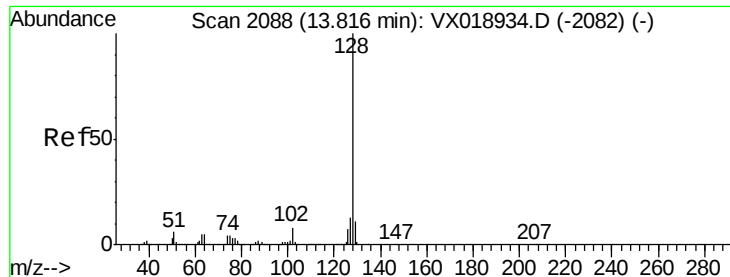
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





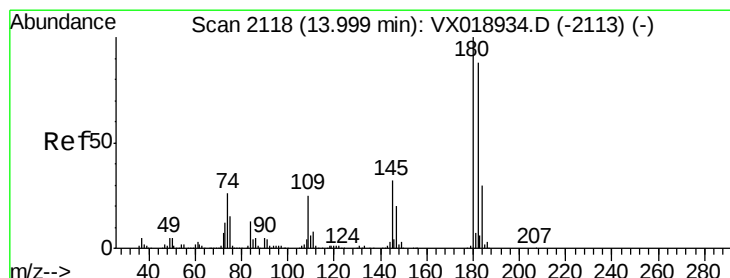
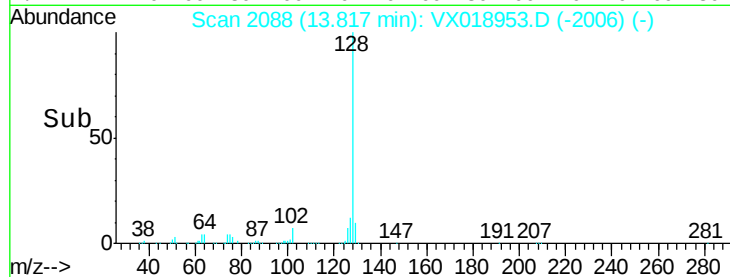
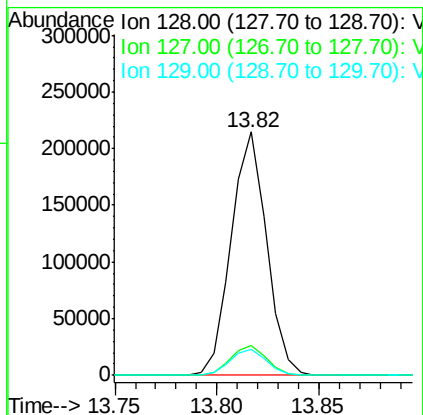
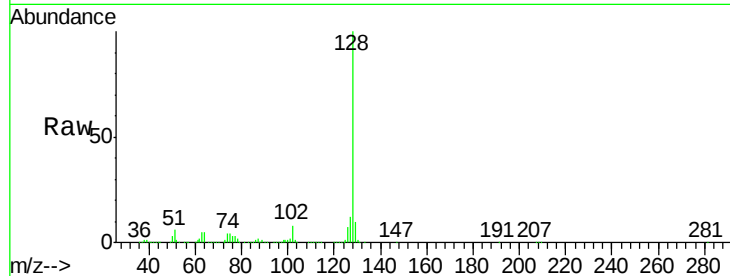
#91
Naphthalene
Concen: 18.005 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	128	Resp:	256410
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 16.475 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion:	180	Resp:	70151
Ion Ratio	Lower	Upper	
180	100		
182	96.9	0.0	190.8
145	33.3	0.0	64.4

