

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
 Data File : VX019121.D
 Acq On : 26 Oct 2020 16:01
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 6:55:19 PM

Quant Time: Oct 27 05:26:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	42117	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	238846	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	214785	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	85556	30.50	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.67%
60) 4-Bromofluorobenzene	11.12	95	98455	30.54	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.80%
63) Toluene-d8	8.70	98	285916	30.15	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	36239	17.122 ug/l	98
3) Chloromethane	1.31	50	34418	17.997 ug/l	100
4) Vinyl Chloride	1.39	62	44565	17.780 ug/l	97
5) Bromomethane	1.64	94	41470	21.520 ug/l	96
6) Chloroethane	1.72	64	30070	17.703 ug/l	99
7) Trichlorofluoromethane	1.92	101	77683	17.799 ug/l	94
8) Diethyl Ether	2.17	74	30515	18.652 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	39220	18.806 ug/l	98
10) 1,1-Dichloroethene	2.36	96	38521	18.169 ug/l	97
11) Methyl Iodide	2.49	142	38587	21.190 ug/l	96
12) Methyl Acetate	2.75	43	41085	19.575 ug/l	98
13) Acrolein	2.27	56	21370	110.580 ug/l	90
14) Acrylonitrile	3.11	53	94240	95.575 ug/l	99
15) Acetone	2.42	58	29446	104.247 ug/l	91
16) Carbon Disulfide	2.55	76	90800	15.408 ug/l	99
17) Allyl chloride	2.71	41	49760	18.789 ug/l	97
18) Methylene Chloride	2.83	84	45241	18.711 ug/l	98
19) trans-1,2-Dichloroethene	3.14	96	43841	17.705 ug/l	98
20) Diisopropyl ether	3.82	45	100770	18.783 ug/l	96
21) 1,1-Dichloroethane	3.67	63	74373	18.882 ug/l	99
22) cis-1,2-Dichloroethene	4.56	96	52683	18.367 ug/l	98
23) tert-Butyl Alcohol	3.01	59	49020	102.545 ug/l	# 100
24) Methyl tert-Butyl Ether	3.16	73	125818	18.768 ug/l	100
25) Chloroform	5.17	83	83045	19.028 ug/l	94
26) Cyclohexane	5.54	56	53190	17.377 ug/l	# 99
29) 1,1-Dichloropropene	5.77	75	59822	17.754 ug/l	100
30) 2-Butanone	4.63	43	129890	96.764 ug/l	99
31) 2,2-Dichloropropane	4.54	77	70889	18.388 ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	72755	17.965 ug/l	99
33) Carbon Tetrachloride	5.75	117	62363	17.744 ug/l	97
34) Benzene	6.11	78	178751	18.030 ug/l	97
35) Methacrylonitrile	5.00	41	26846	18.474 ug/l	99
36) 1,2-Dichloroethane	6.16	62	62614	18.411 ug/l	99
37) Trichloroethene	7.18	130	51726	18.151 ug/l	100
38) Methylcyclohexane	7.44	83	64482	17.073 ug/l	97
39) 1,2-Dichloropropane	7.49	63	43672	18.977 ug/l	100
40) Dibromomethane	7.63	93	32250	18.057 ug/l	98

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Quant Time: Oct 27 05:26:24 2020
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	64591	18.292	ug/l	99
42) Vinyl Acetate	3.78	43	481568	92.202	ug/l	100
43) Ethyl Acetate	4.79	43	51936	18.443	ug/l	97
44) Isopropyl Acetate	6.40	43	86636	18.373	ug/l	100
45) 1,4-Dioxane	7.73	88	19843	400.350	ug/l	99
46) Methyl methacrylate	7.74	41	40176	18.001	ug/l	98
47) n-amyl Acetate	10.88	43	69162	18.285	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	69859	17.672	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	75909	18.045	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	47734	18.452	ug/l	99
51) Ethyl methacrylate	9.16	69	66732	17.679	ug/l	96
52) 1,3-Dichloropropane	9.35	76	77961	18.499	ug/l	99
53) Dibromochloromethane	9.56	129	51013	17.714	ug/l	99
54) 1,2-Dibromoethane	9.65	107	50655	18.020	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	187054	92.726	ug/l	100
56) Bromoform	10.84	173	34534	17.153	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	259805	95.918	ug/l	100
59) 2-Hexanone	9.47	43	194334	96.282	ug/l	100
61) Tetrachloroethene	9.32	164	48597	19.072	ug/l	92
62) Toluene	8.76	91	201221	17.825	ug/l	99
64) Chlorobenzene	10.12	112	129938	18.517	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	46071	18.052	ug/l	99
66) Ethyl Benzene	10.23	91	226413	18.294	ug/l	100
67) m/p-Xylenes	10.34	106	172516	36.551	ug/l	100
68) o-Xylene	10.68	106	82068	18.231	ug/l	99
69) Styrene	10.70	104	137222	18.093	ug/l	100
70) Isopropylbenzene	11.00	105	226497	18.713	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	71044	20.332	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	64642m	20.572	ug/l	
73) Bromobenzene	11.24	156	54185	18.318	ug/l	97
74) n-propylbenzene	11.34	91	256065	18.684	ug/l	99
75) 2-Chlorotoluene	11.40	91	149134	19.238	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	184980	18.834	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	22179	17.773	ug/l	90
78) 4-Chlorotoluene	11.49	91	173693	19.067	ug/l	99
79) tert-butylbenzene	11.76	119	184161	19.042	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	184936	18.942	ug/l	99
81) sec-Butylbenzene	11.93	105	219711	19.199	ug/l	99
82) p-Isopropyltoluene	12.05	119	203471	19.292	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	104029	19.677	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	105712	19.693	ug/l	98
85) n-Butylbenzene	12.37	91	182642	19.341	ug/l	99
86) Hexachloroethane	12.58	117	29573	18.256	ug/l	100
87) 1,2-Dichlorobenzene	12.37	146	100608	19.878	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	14566	18.418	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	69099	18.971	ug/l	100
90) Hexachlorobutadiene	13.76	225	31061	20.112	ug/l	97
91) Naphthalene	13.82	128	219901	18.442	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	68518	19.555	ug/l	97

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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
VSTDCCC020EC

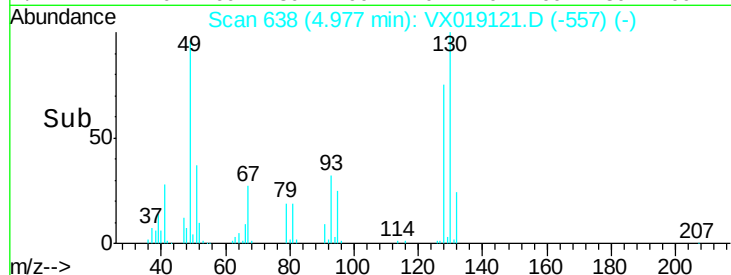
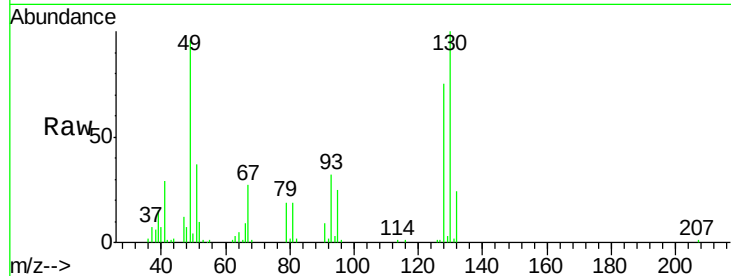
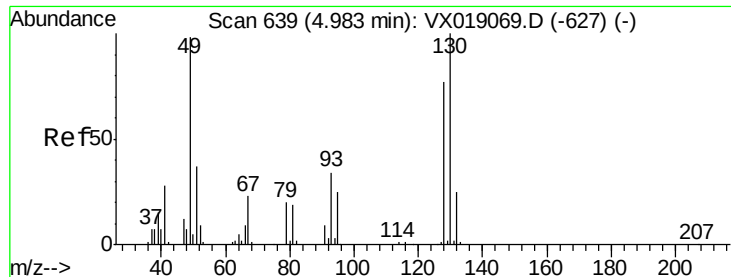
Manual Integrations
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QLast Update : Mon Oct 26 11:58:08 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



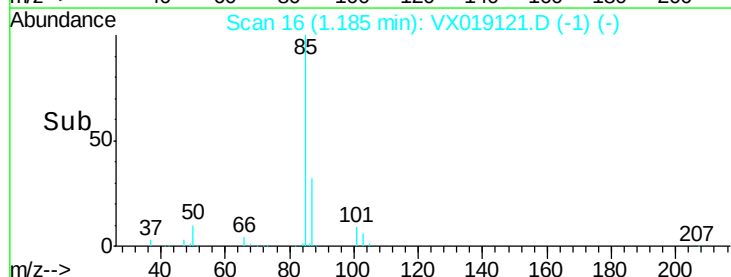
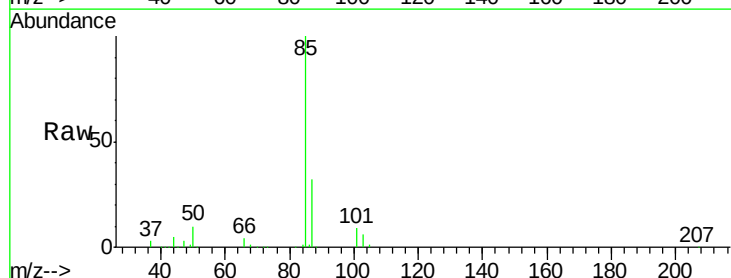
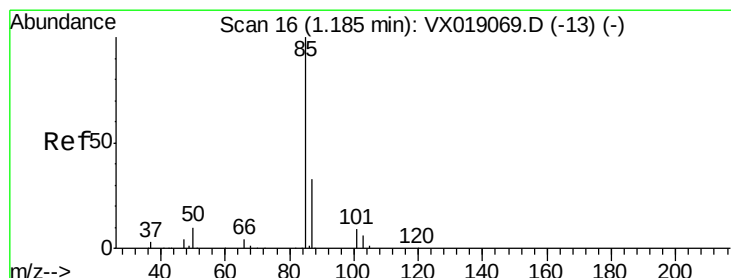
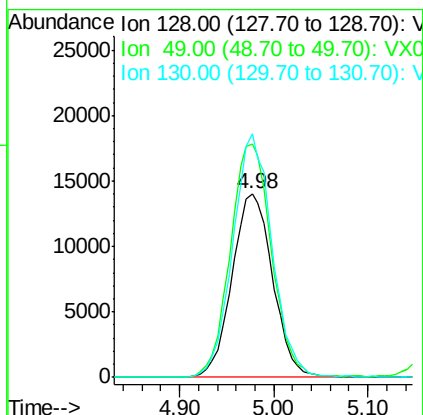
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tot Ion	Ratio	Lower	Upper
128	100		
49	129.3	0.0	318.8
130	128.4	0.0	321.8

Instrument :
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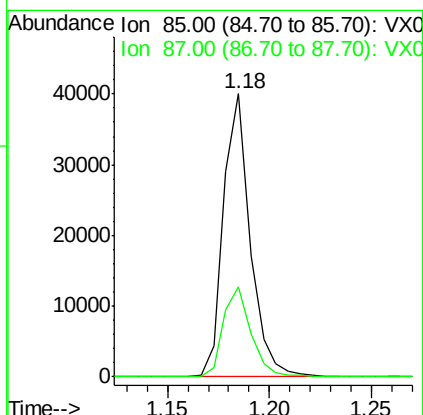
Manual Integrations
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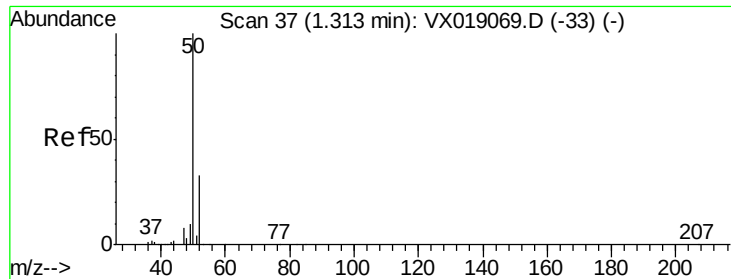
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#2
Dichlorodifluoromethane
Concen: 17.122 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.6	49.7





#3

Chloromethane

Concen: 17.997 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 34418

Ion Ratio Lower Upper

50 100

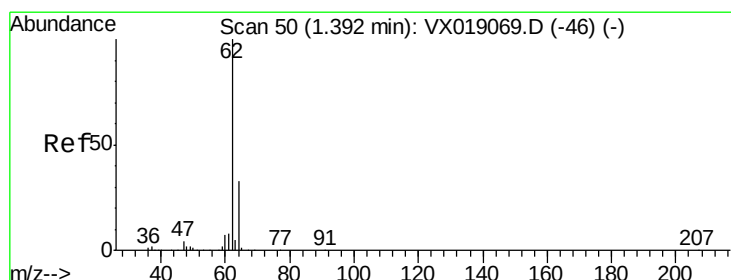
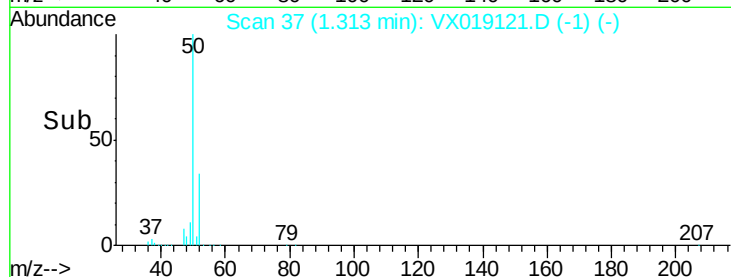
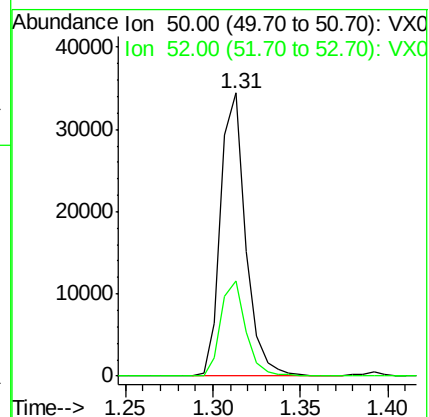
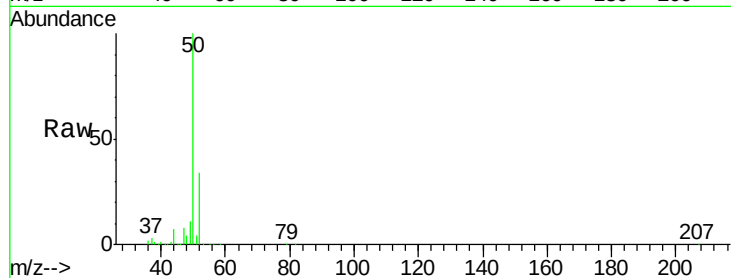
52 33.3 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.780 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019121.D

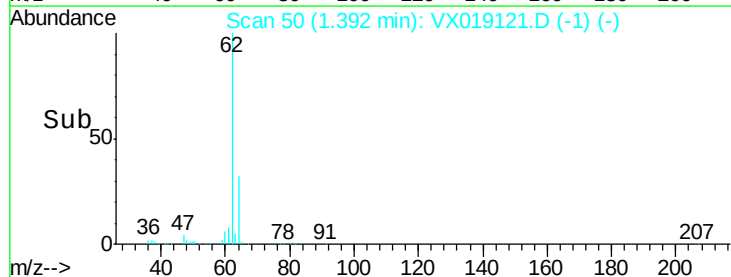
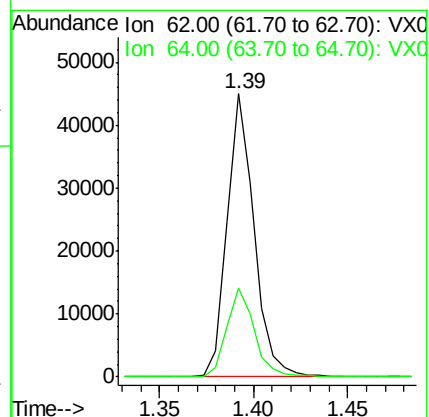
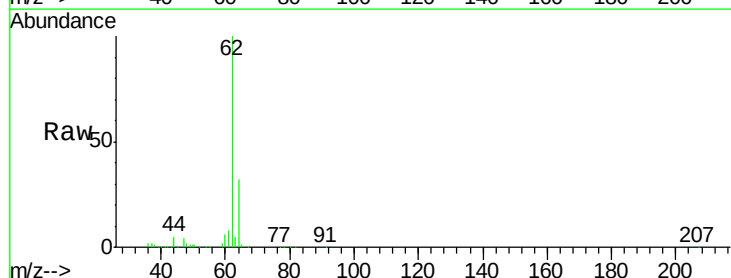
Acq: 26 Oct 2020 16:01

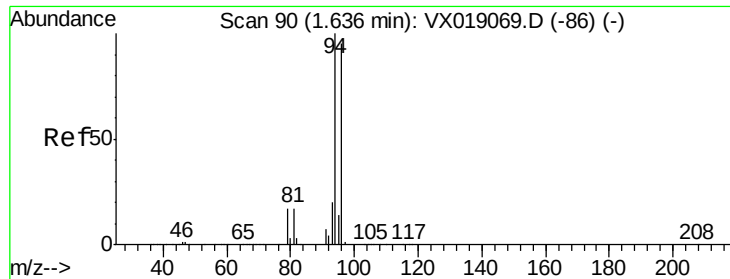
Tgt Ion: 62 Resp: 44565

Ion Ratio Lower Upper

62 100

64 31.6 26.7 40.1





#5

Bromomethane

Concen: 21.520 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 41470

Ion Ratio Lower Upper

94 100

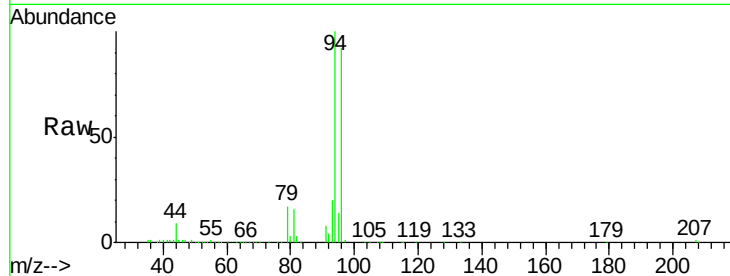
96 91.7 76.2 114.2

Manual Integrations

APPROVED

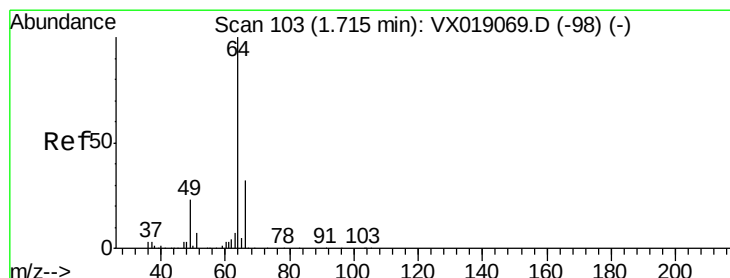
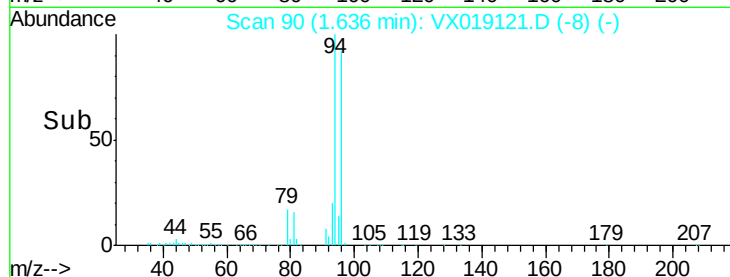
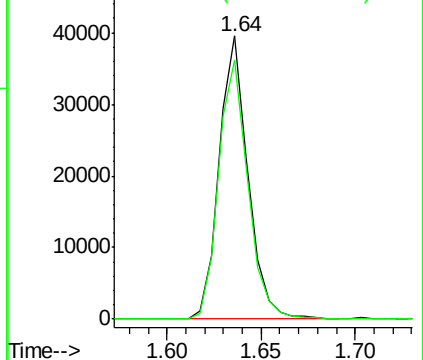
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.703 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019121.D

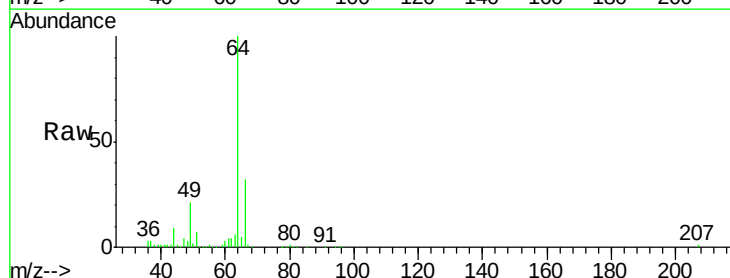
Acq: 26 Oct 2020 16:01

Tgt Ion: 64 Resp: 30070

Ion Ratio Lower Upper

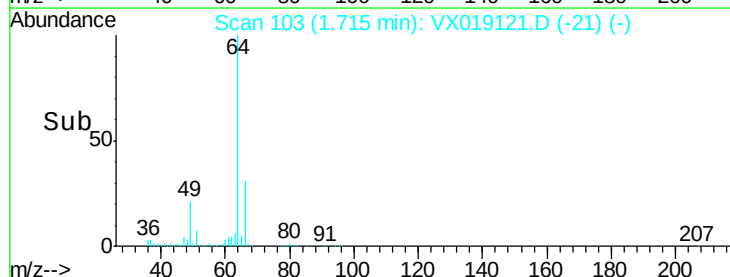
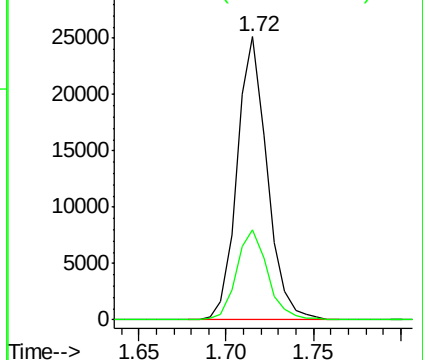
64 100

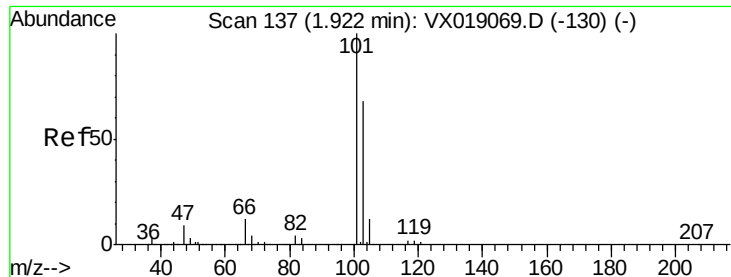
66 31.6 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

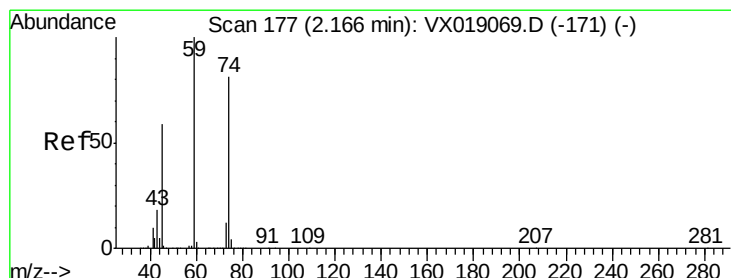
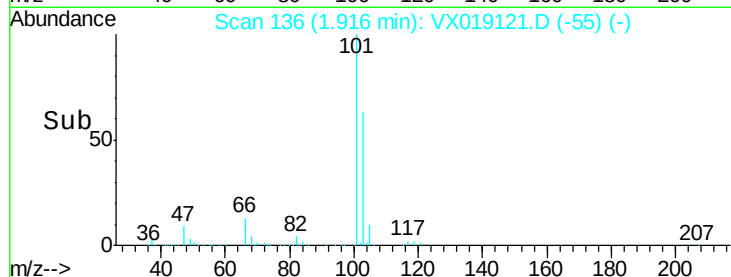
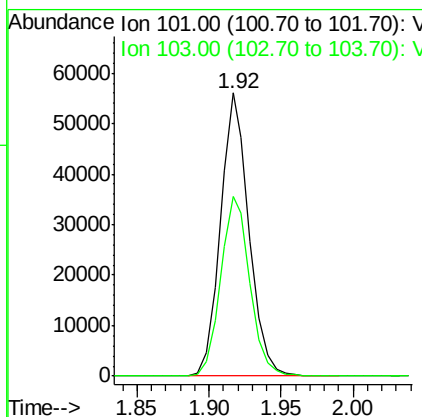
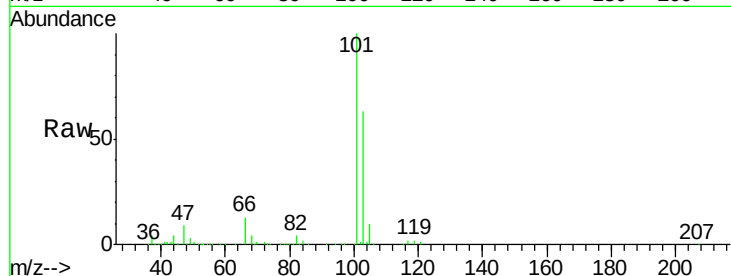
Trichlorofluoromethane
 Concen: 17.799 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Instrument :
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 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	54.2	81.4

Manual Integrations
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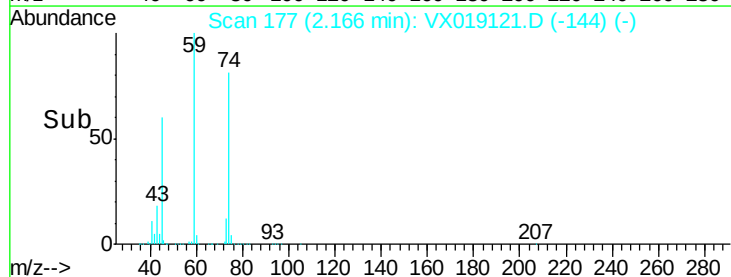
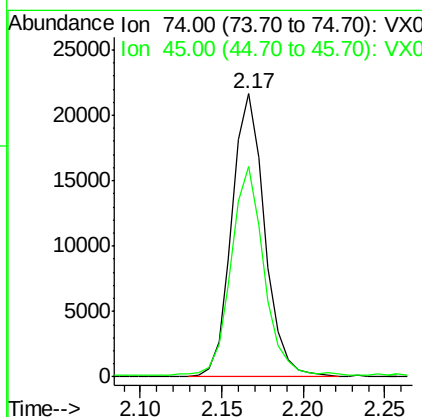
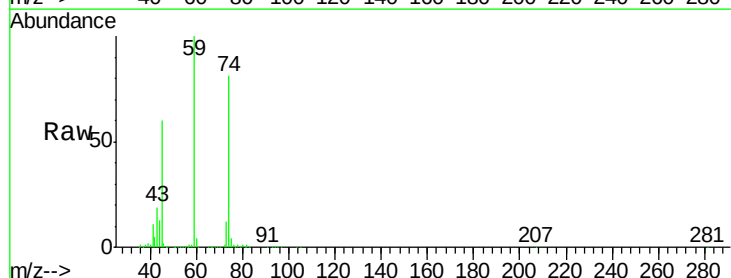
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 10/27/2020 6:55:19 PM

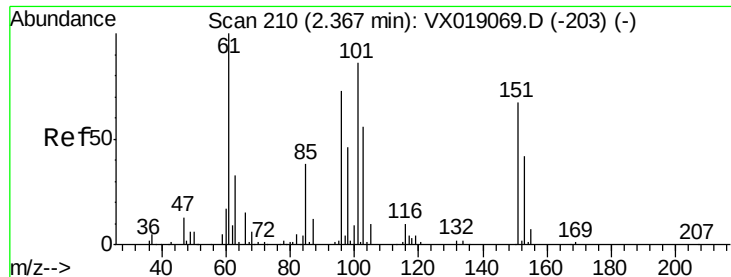


#8

Diethyl Ether
 Concen: 18.652 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	73.9	14.5	130.7





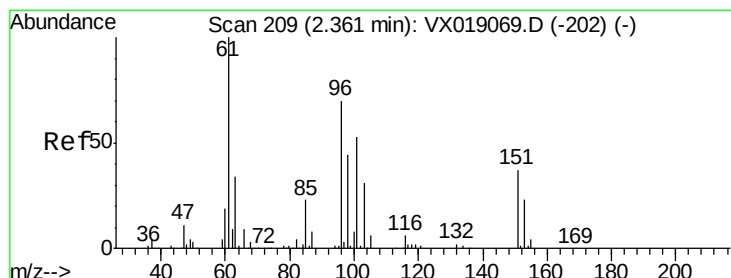
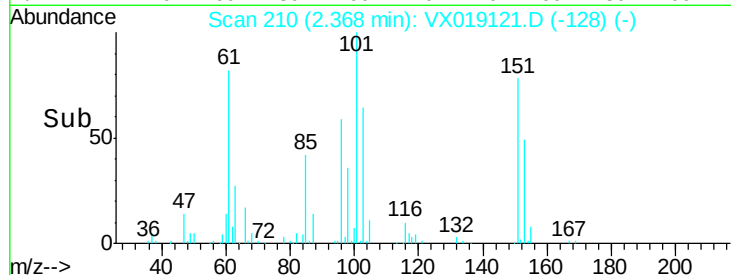
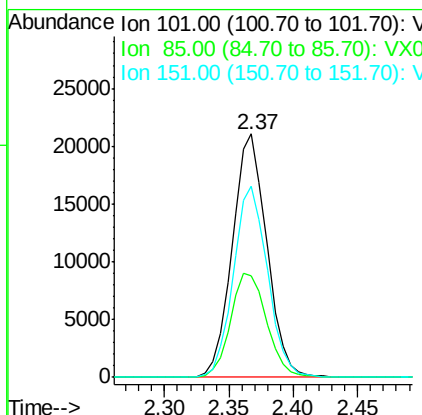
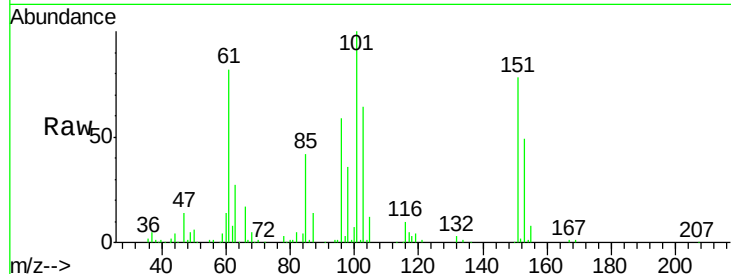
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 1,1,2-Trichlorotrifluoroethane
 Concen: 18.806 ug/l
 RT: 2.37 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX019121.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	39220		
85	44.8	0.0	87.0	
151	77.7	0.0	151.8	

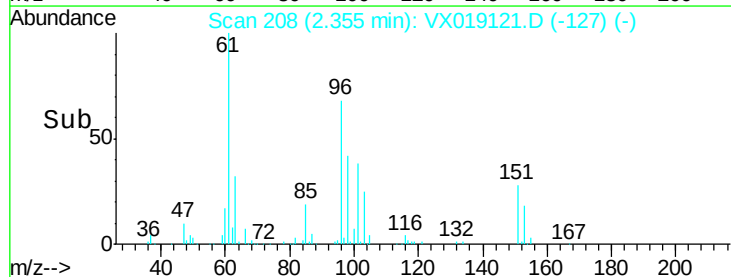
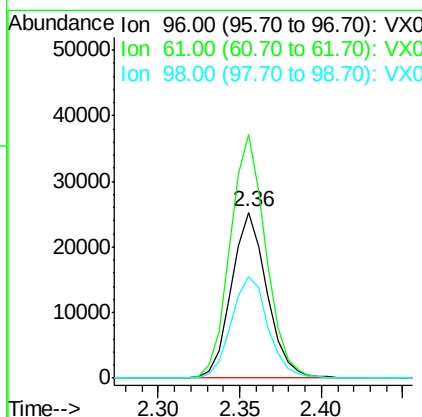
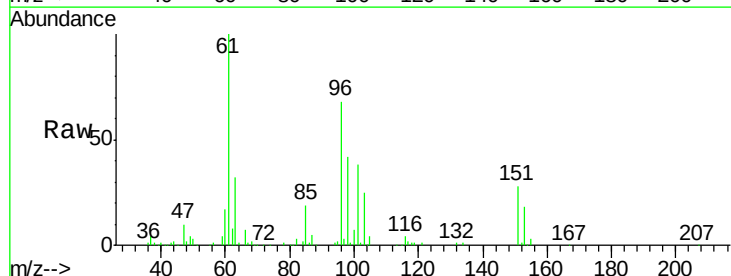
Manual Integrations
 APPROVED

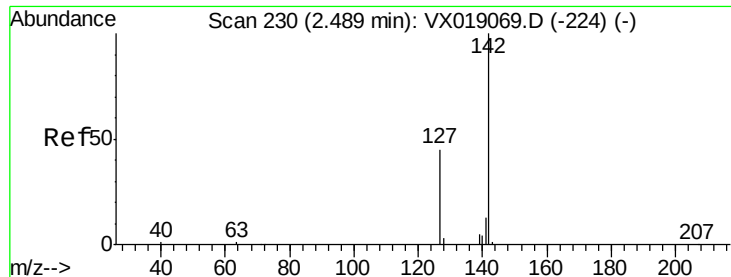
MMDadoda
 10/27/2020 6:55:19 PM



#10
 1,1-Dichloroethene
 Concen: 18.169 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.01 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	38521		
61	146.7	113.8	170.8	
98	61.0	50.4	75.6	





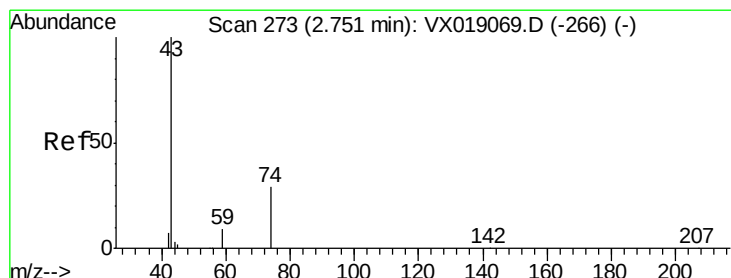
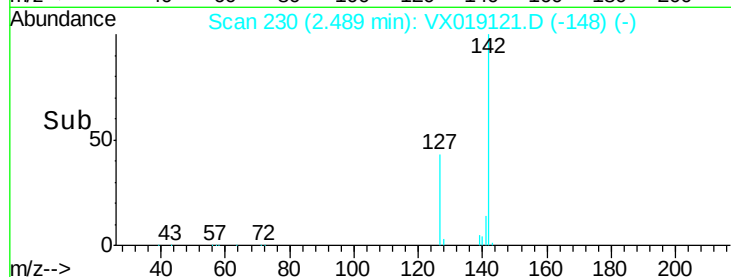
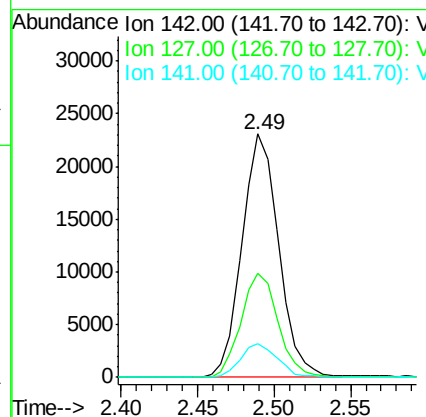
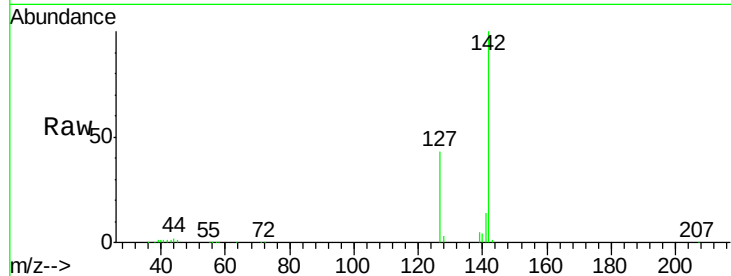
#11
Methyl Iodide
Concen: 21.190 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.5	22.6	67.7
141	14.0	6.3	19.1

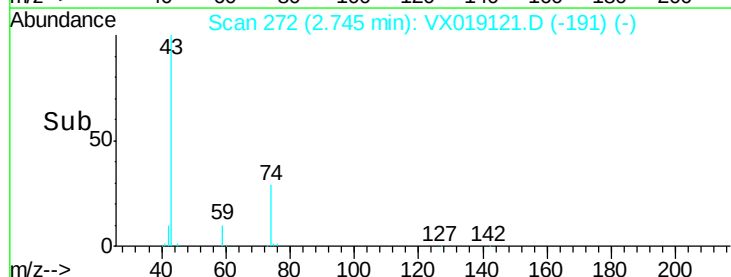
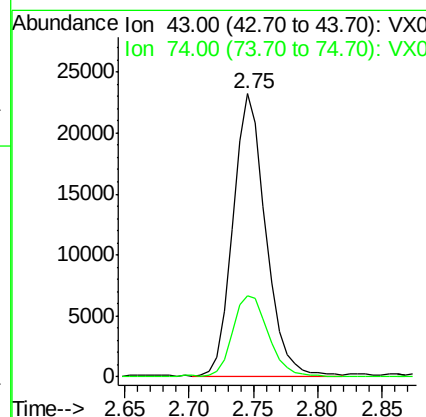
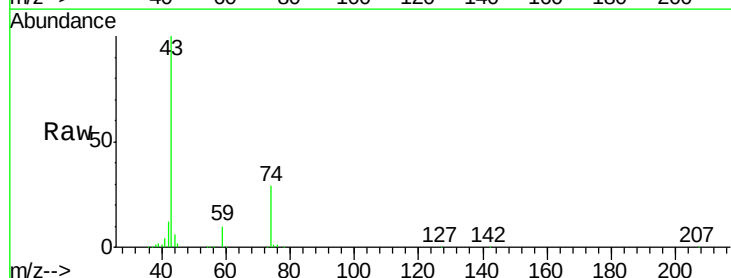
Manual Integrations
APPROVED

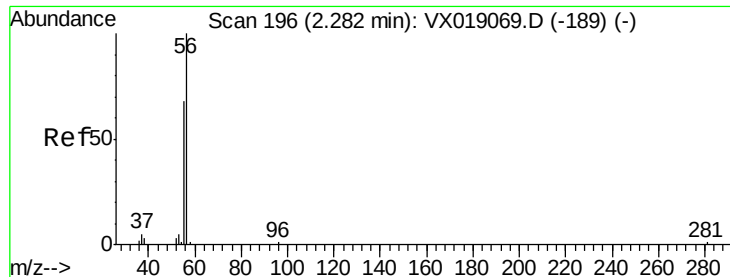
MMDadoda
10/27/2020 6:55:19 PM



#12
Methyl Acetate
Concen: 19.575 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.7	23.9	35.9





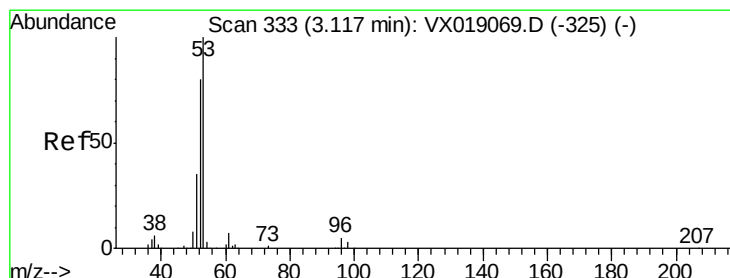
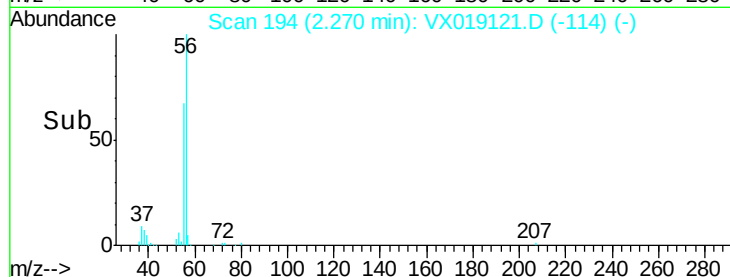
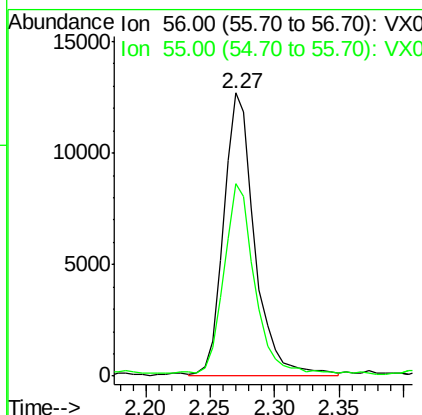
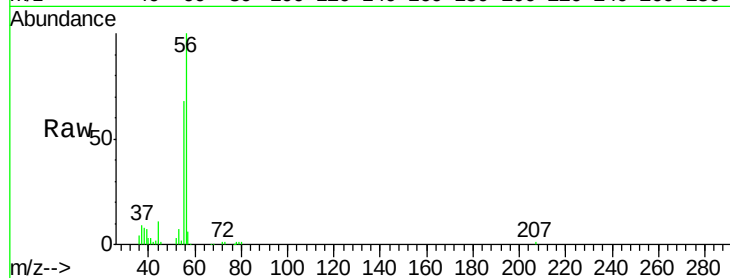
#13
Acrolein
Concen: 110.580 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	56	Resp	21370
Ion Ratio	100	Lower	Upper
55	64.4	58.2	87.2

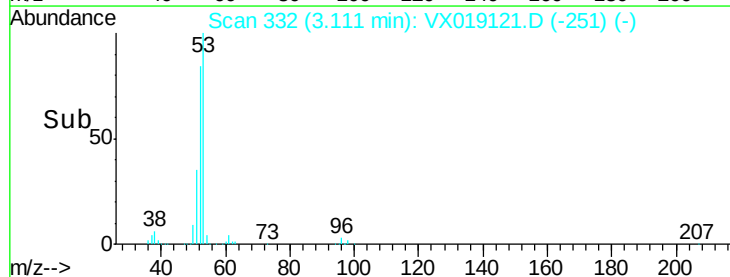
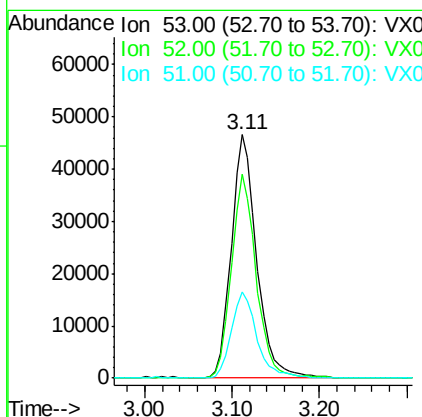
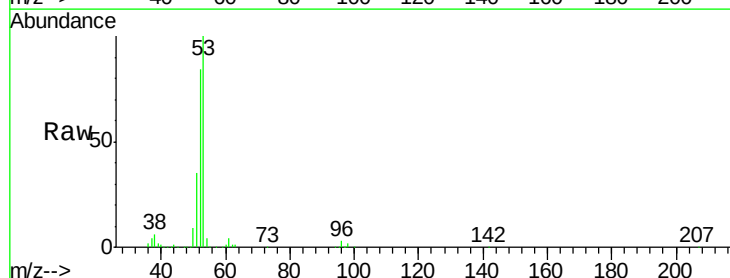
Manual Integrations
APPROVED

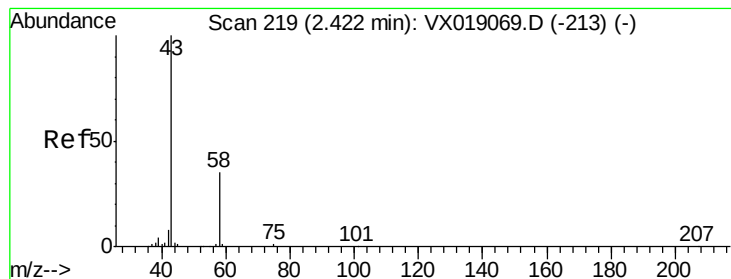
MMDadoda
10/27/2020 6:55:19 PM



#14
Acrylonitrile
Concen: 95.575 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	53	Resp	94240
Ion Ratio	100	Lower	Upper
52	81.3	41.0	123.0
51	36.0	18.2	54.6





#15

Acetone

Concen: 104.247 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 29446

Ion Ratio Lower Upper

58 100

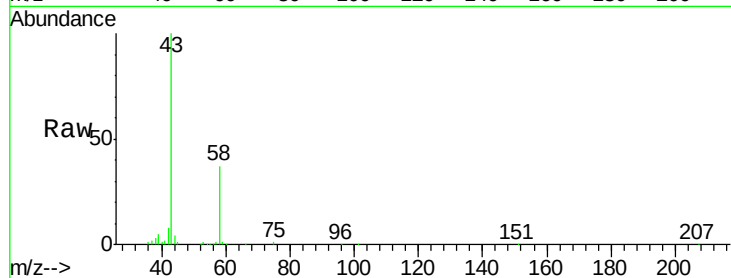
43 265.6 226.7 340.1

Manual Integrations

APPROVED

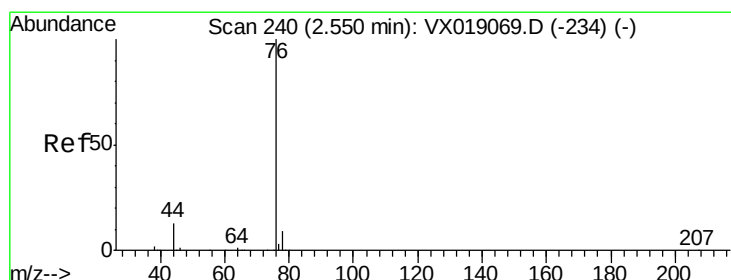
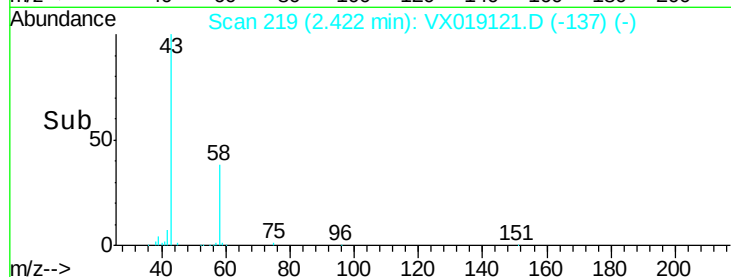
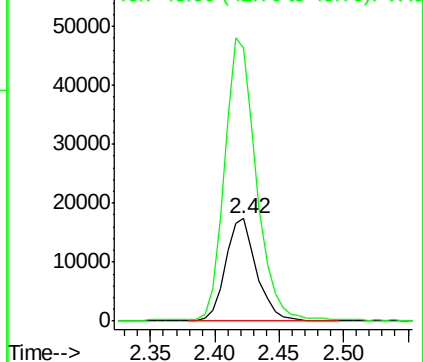
MMDadoda

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 15.408 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019121.D

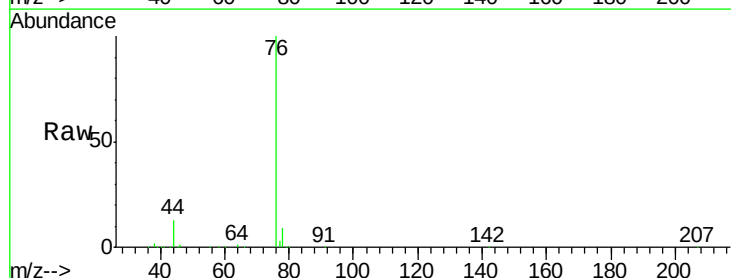
Acq: 26 Oct 2020 16:01

Tgt Ion: 76 Resp: 90800

Ion Ratio Lower Upper

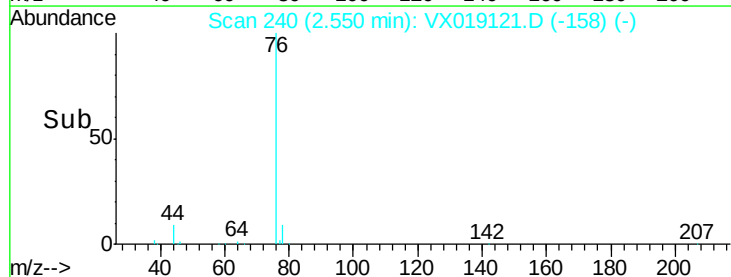
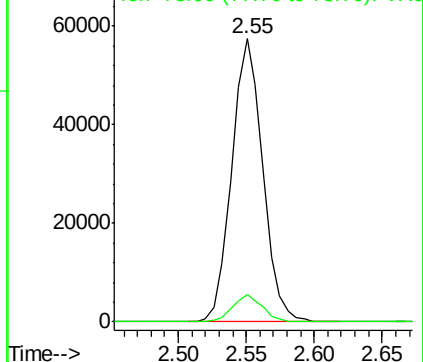
76 100

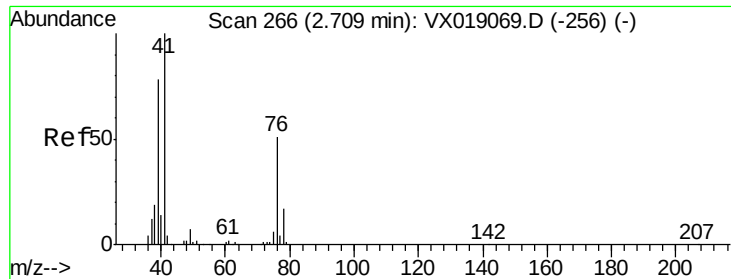
78 9.5 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





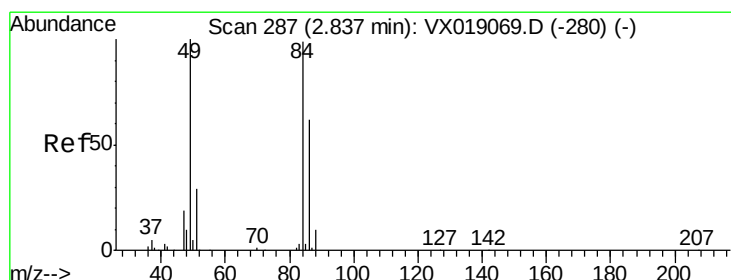
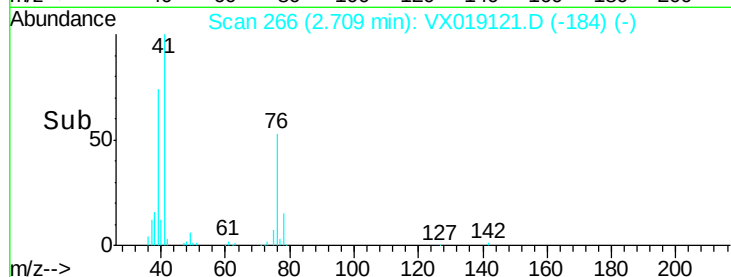
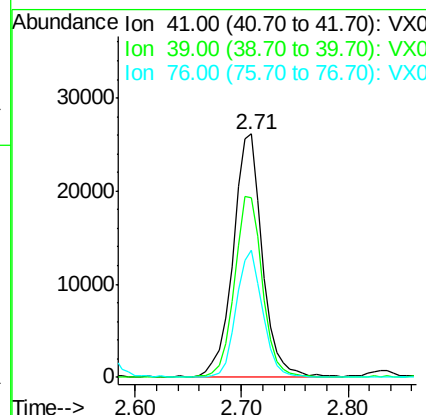
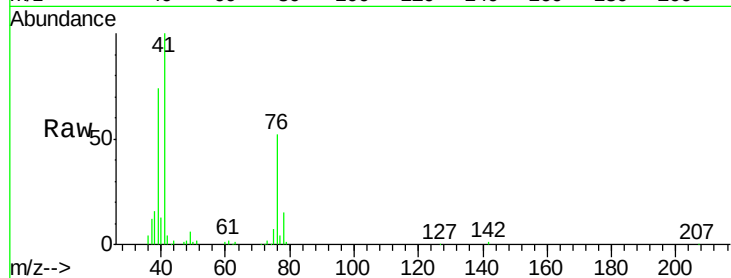
#17
Allvl chloride
Concen: 18.789 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	73.6	38.8	116.3
76	52.2	25.8	77.4

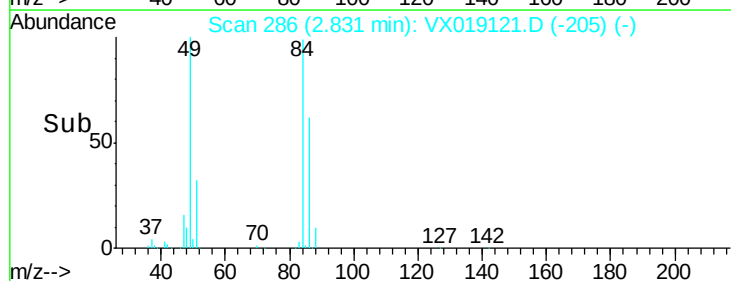
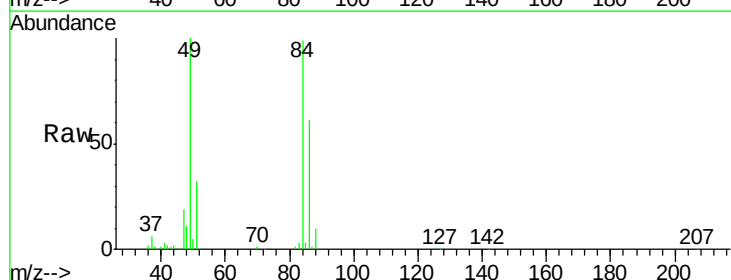
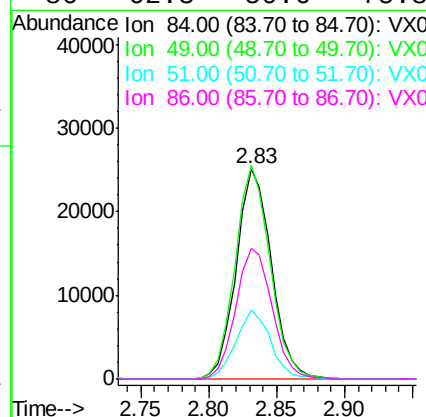
Manual Integrations
APPROVED

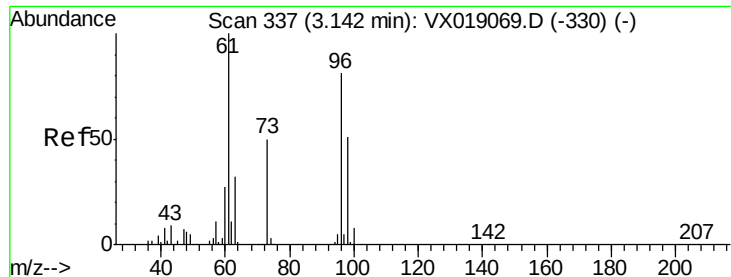
MMDadoda
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#18
Methylene Chloride
Concen: 18.711 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	101.5	80.9	121.3
51	32.9	23.8	35.6
86	62.3	50.6	75.8





#19

trans-1,2-Dichloroethene

Concen: 17.705 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

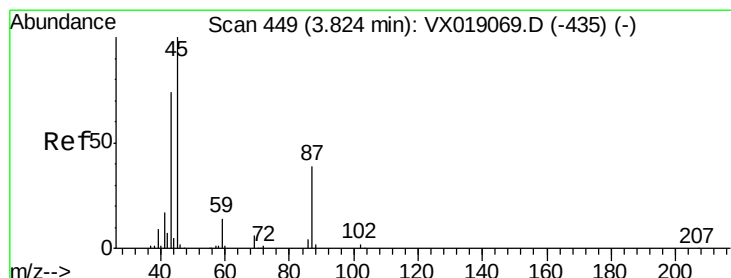
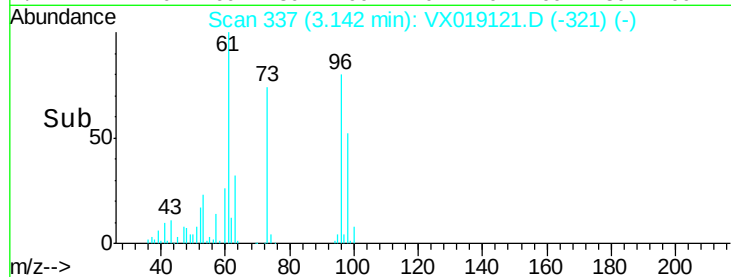
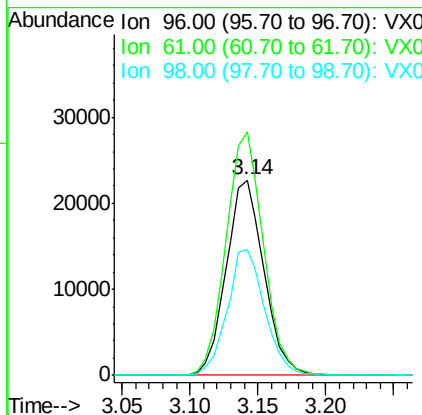
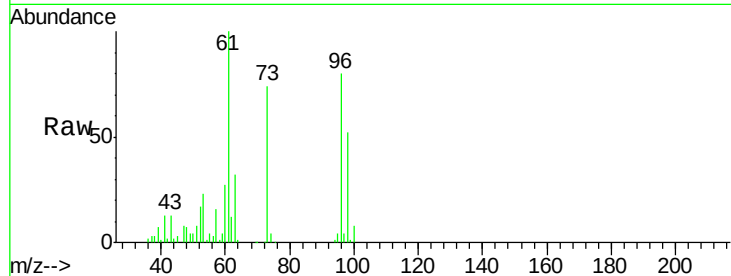
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	43841
Ion	Ratio	Lower	Upper
96	100		
61	124.3	98.4	147.6
98	64.7	49.9	74.9

Manual Integrations
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10/27/2020 6:55:19 PM



#20

Diisopropyl ether

Concen: 18.783 ug/l

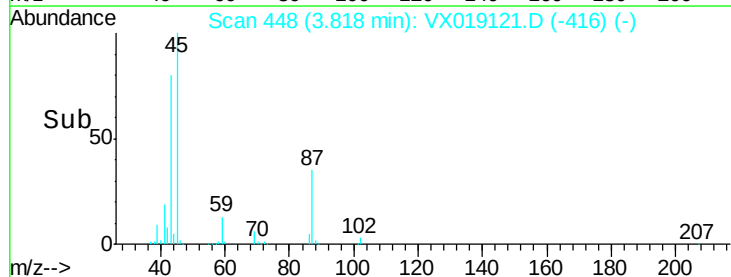
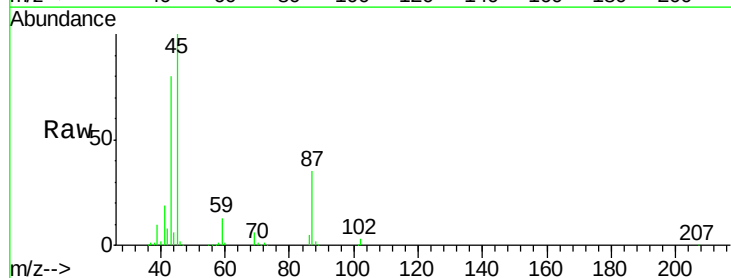
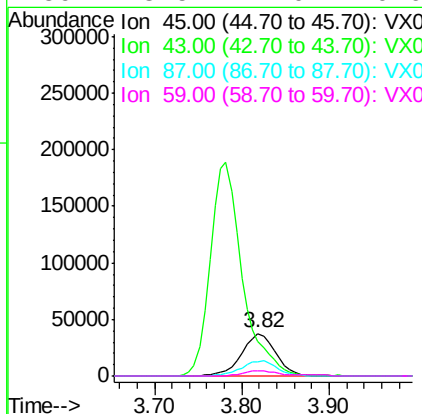
RT: 3.82 min Scan# 448

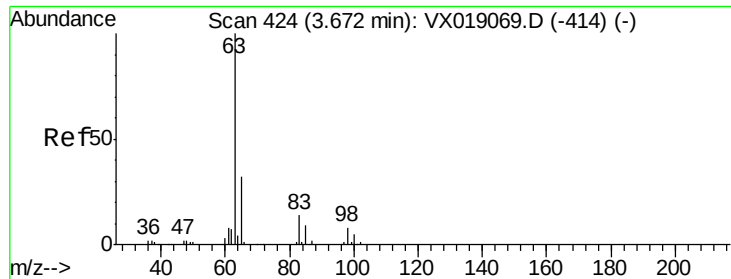
Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Tgt Ion:	45	Resp:	100770
Ion	Ratio	Lower	Upper
45	100		
43	78.4	60.6	91.0
87	34.6	30.9	46.3
59	13.5	11.0	16.6





#21

1,1-Dichloroethane

Concen: 18.882 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

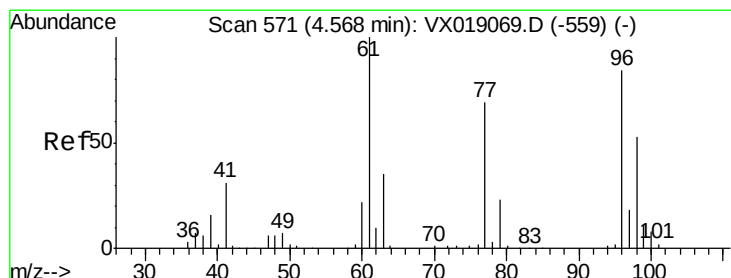
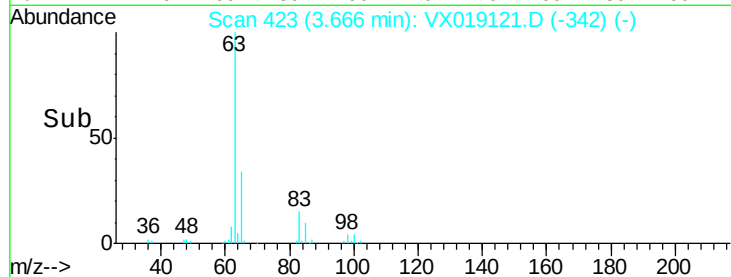
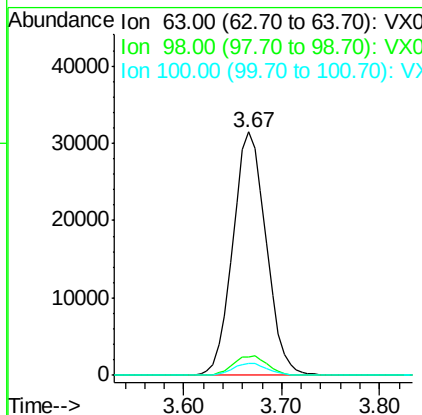
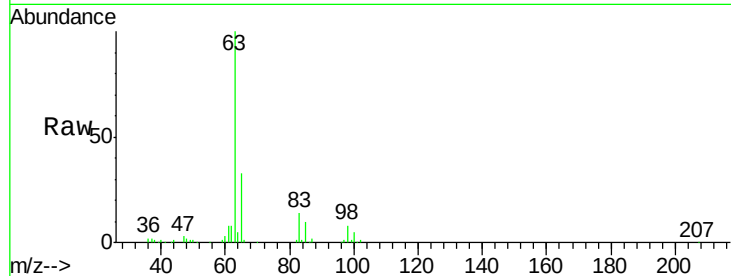
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	74373
Ion Ratio	Lower	Upper	
63	100		
98	7.6	3.9	11.7
100	4.7	2.4	7.2

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 18.367 ug/l

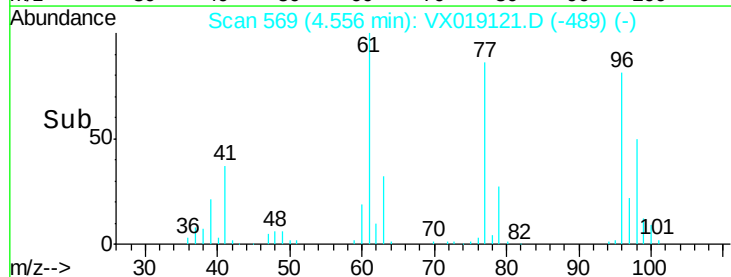
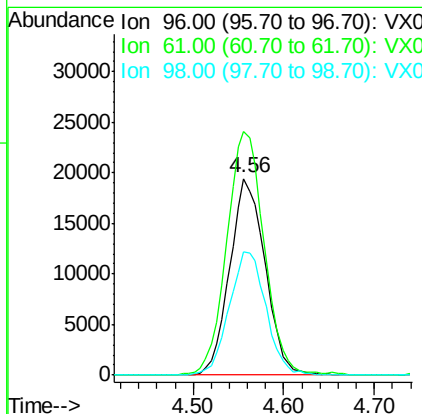
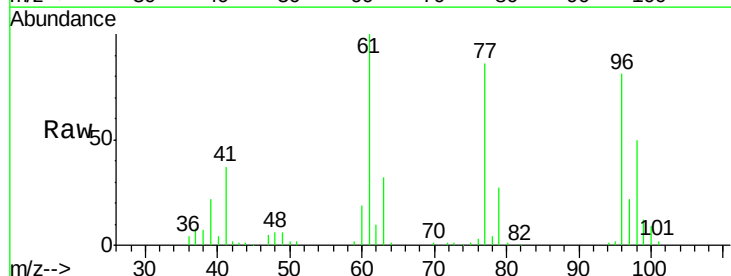
RT: 4.56 min Scan# 569

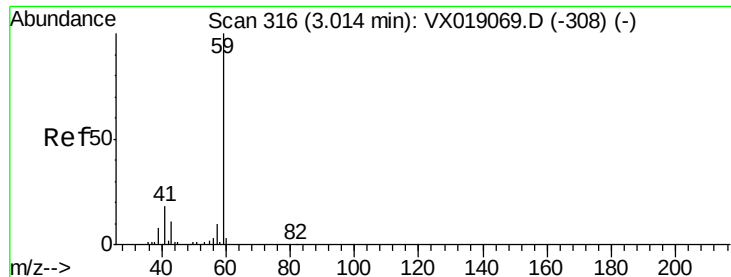
Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Tgt Ion:	96	Resp:	52683
Ion Ratio	Lower	Upper	
96	100		
61	130.8	101.9	152.9
98	64.9	51.3	76.9





#23

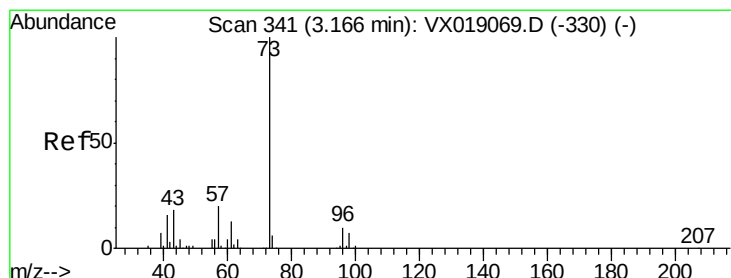
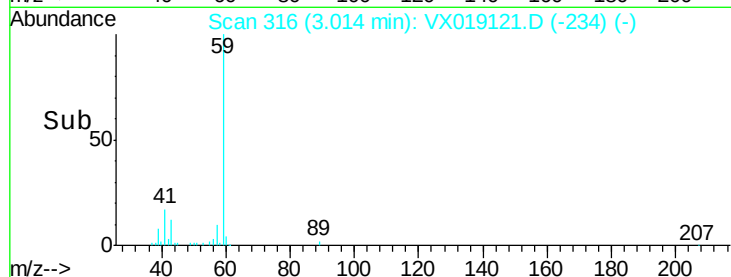
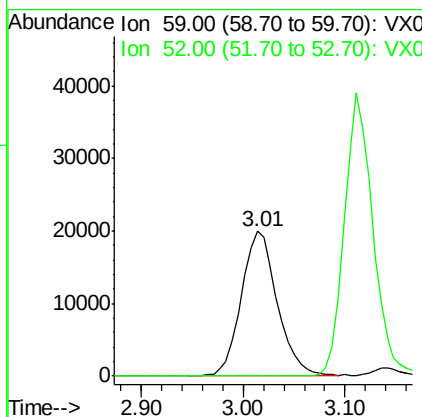
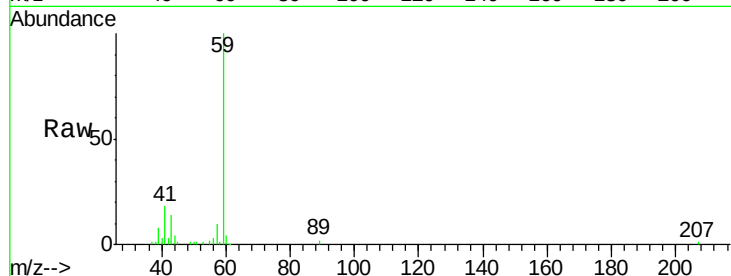
tert-Butyl Alcohol
Concen: 102.545 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 59 Resp: 49020
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4#

Manual Integrations
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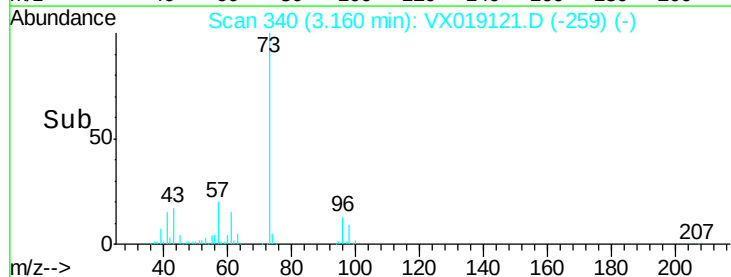
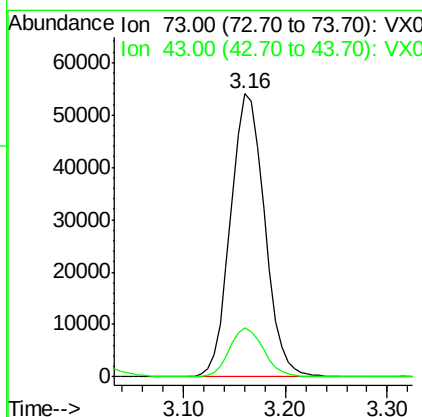
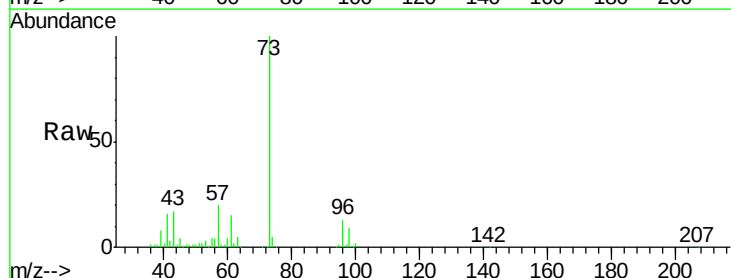
MMDadoda
10/27/2020 6:55:19 PM

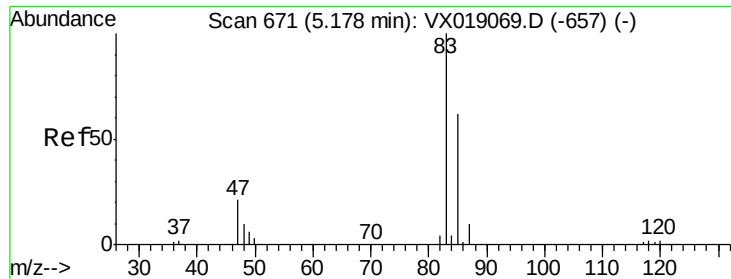


#24

Methyl tert-Butyl Ether
Concen: 18.768 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion: 73 Resp: 125818
Ion Ratio Lower Upper
73 100
43 17.5 13.9 20.9





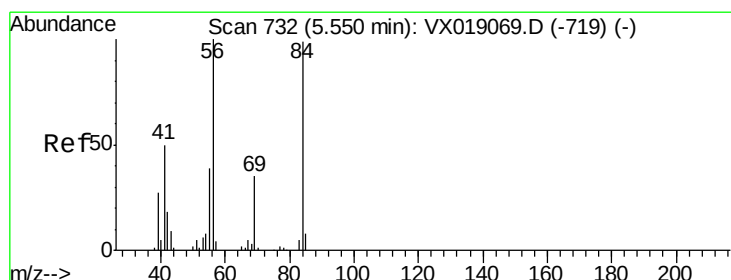
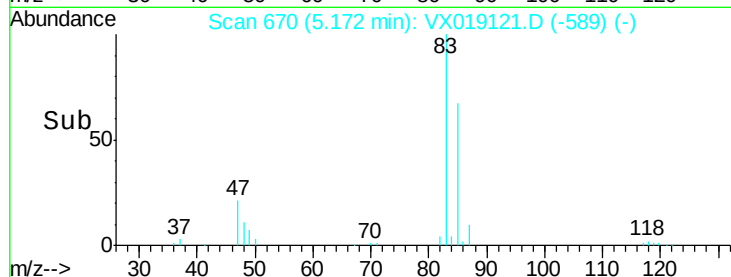
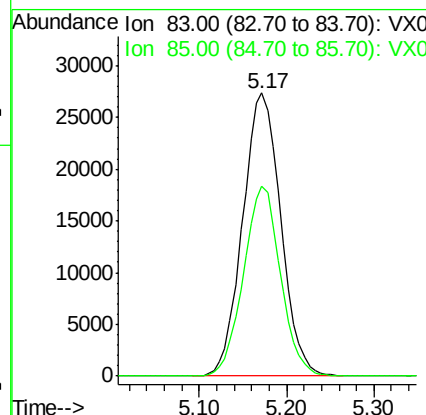
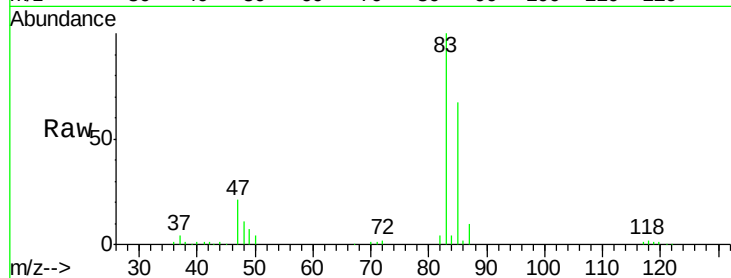
#25
Chloroform
Concen: 19.028 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	83045
Ion Ratio	100	Lower	Upper
85	67.0	49.8	74.8

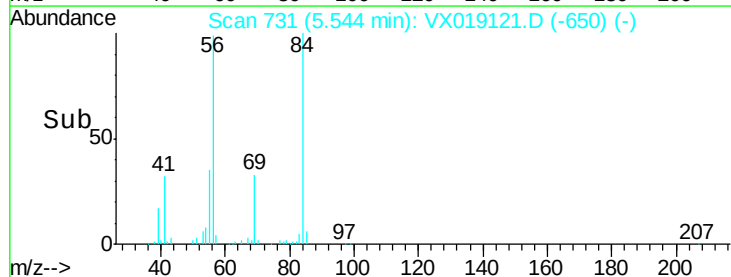
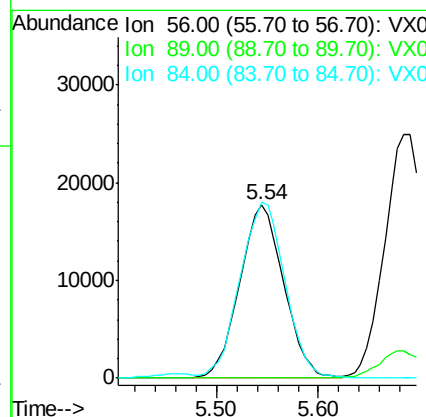
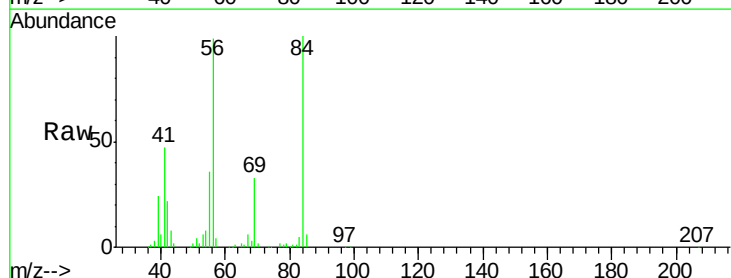
Manual Integrations
APPROVED

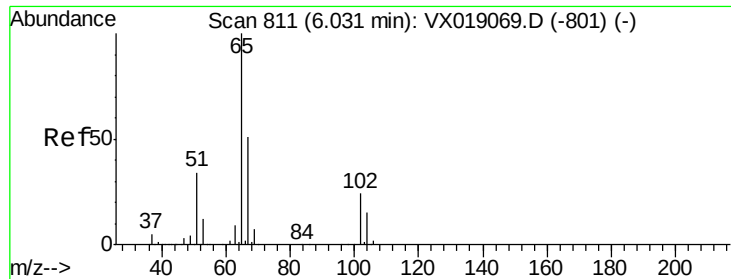
MMDadoda
10/27/2020 6:55:19 PM



#26
Cyclohexane
Concen: 17.377 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	56	Resp	53190
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	103.8	83.7	125.5





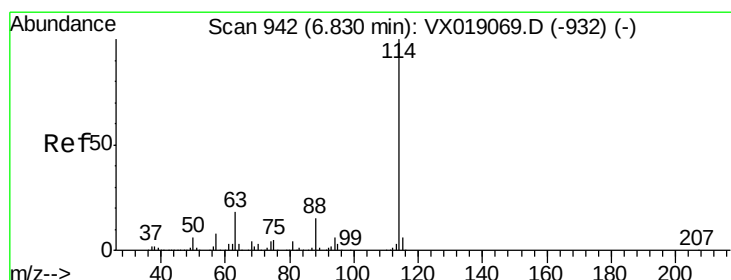
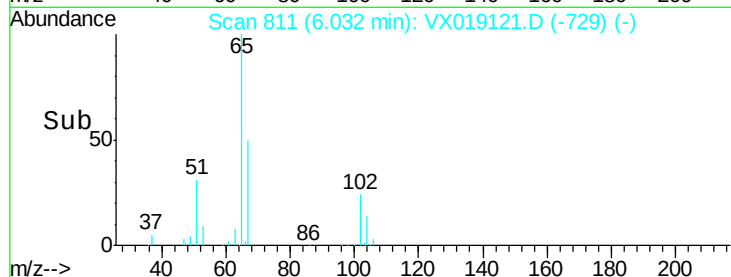
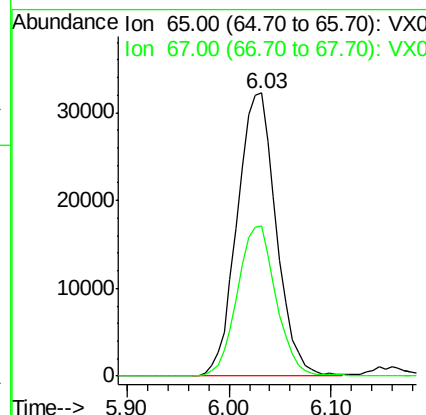
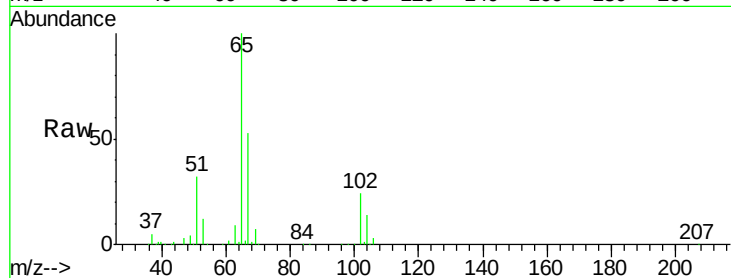
#27
 1,2-Dichloroethane-d4
 Concen: 30.498 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	42.0	63.0

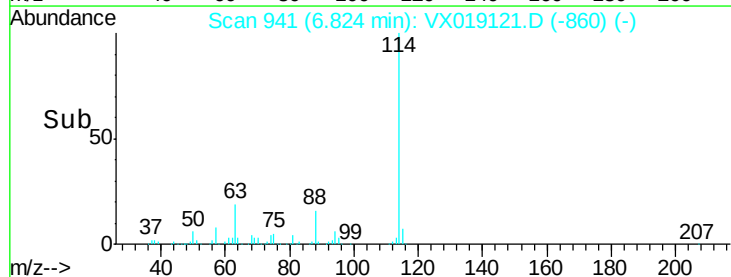
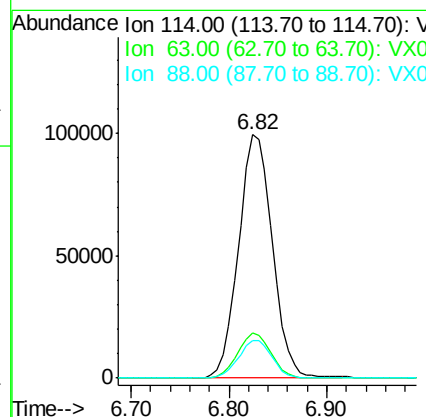
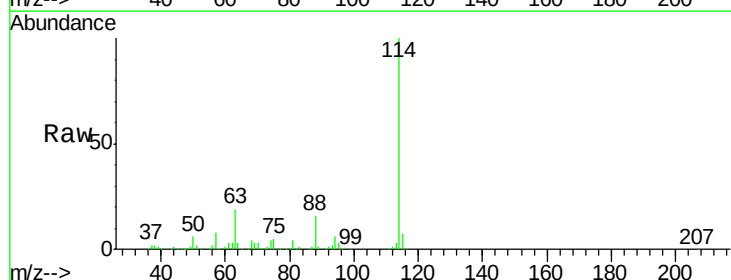
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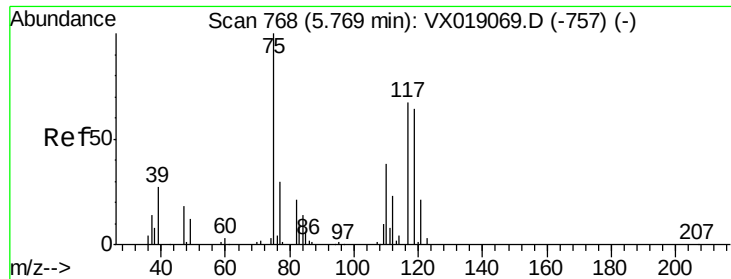
MMDadoda
 10/27/2020 6:55:19 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.4	14.6	21.8
88	15.5	12.2	18.2





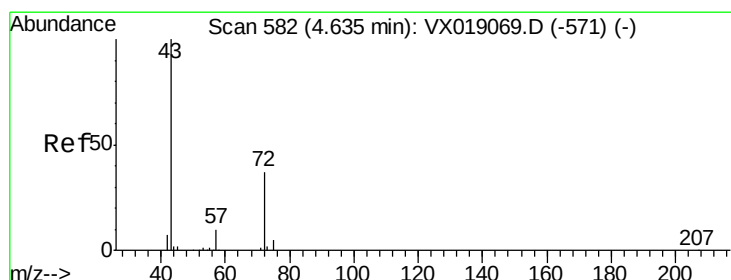
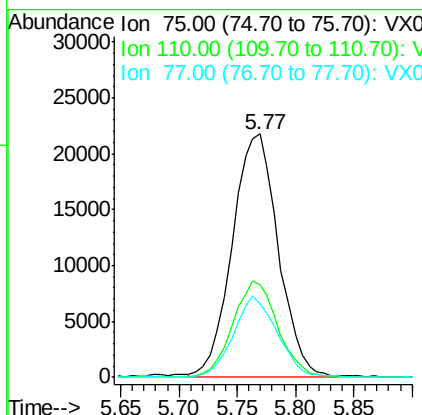
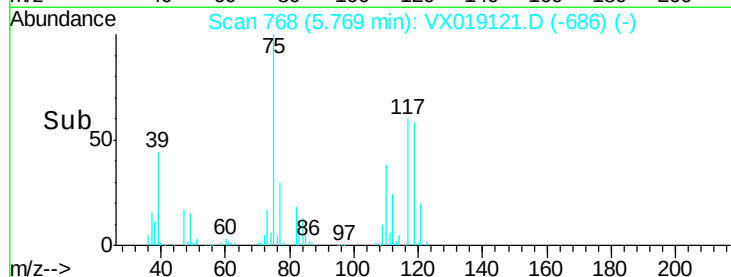
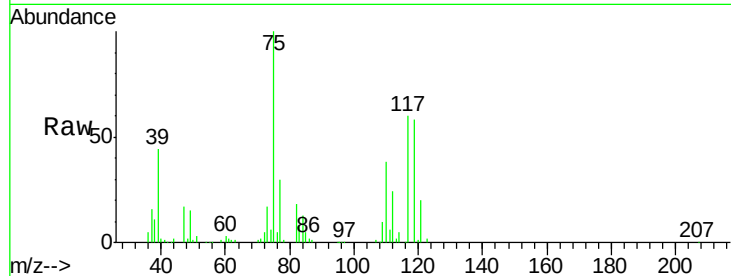
#29
 1,1-Dichloropropene
 Concen: 17.754 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.7	0.0	77.4
77	31.9	0.0	62.8

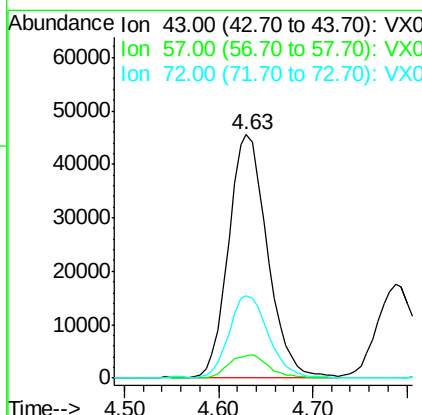
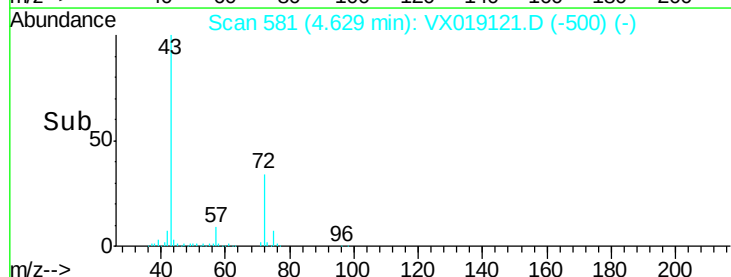
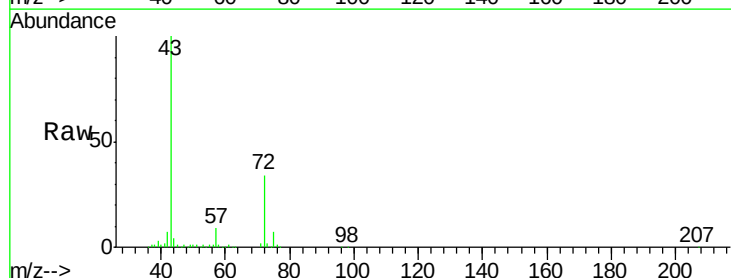
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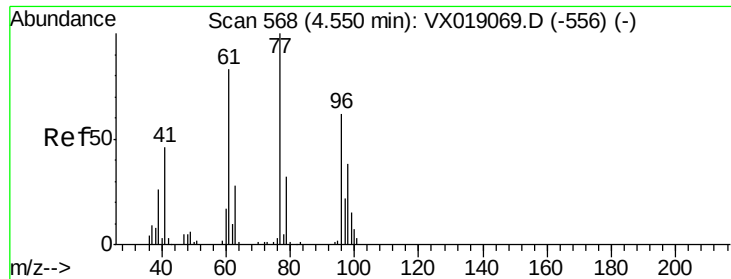
MMDadoda
 10/27/2020 6:55:19 PM



#30
 2-Butanone
 Concen: 96.764 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.8	7.8	11.6
72	34.6	28.1	42.1





#31

2,2-Dichloropropane

Concen: 18.388 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 70889

Ion Ratio Lower Upper

77 100

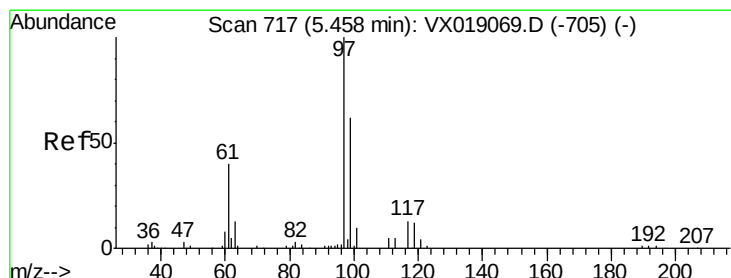
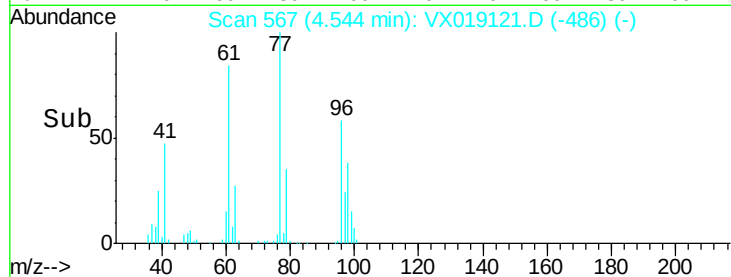
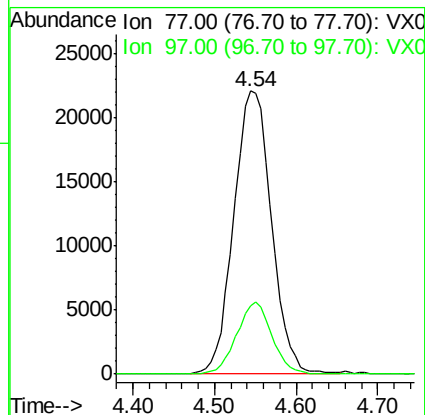
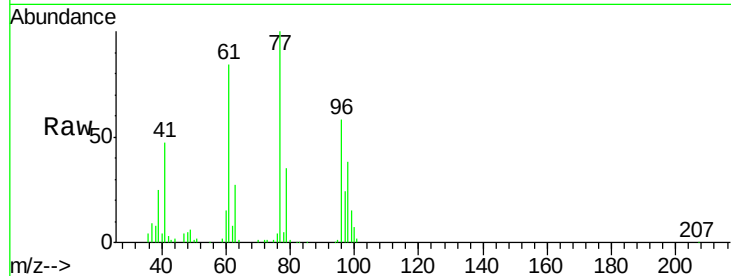
97 23.7 19.2 28.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 17.965 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

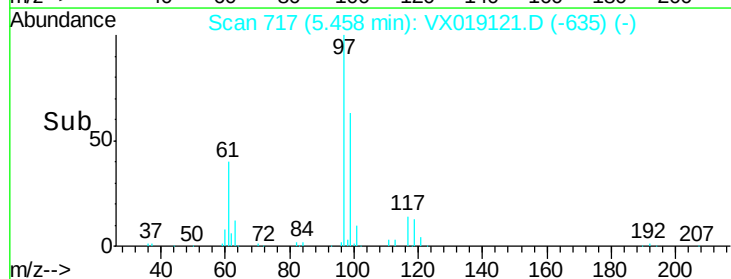
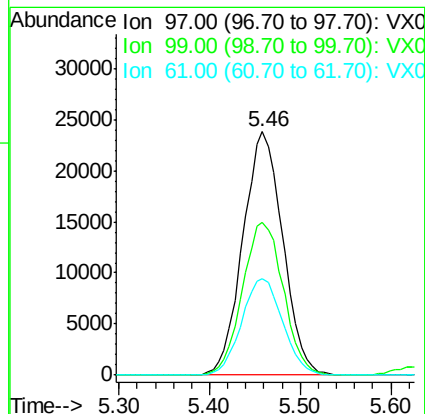
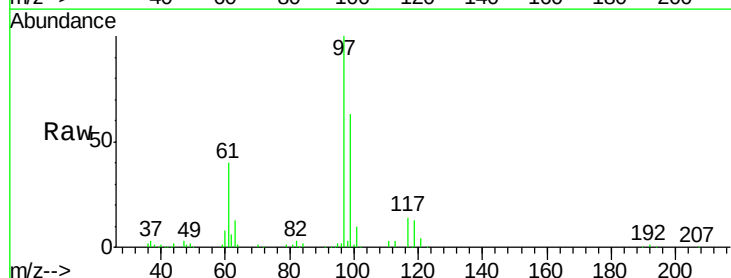
Tgt Ion: 97 Resp: 72755

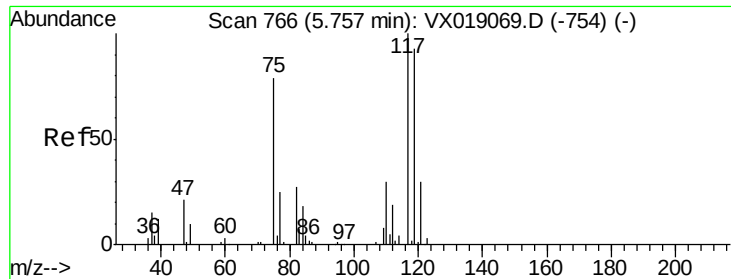
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 40.8 32.0 48.0





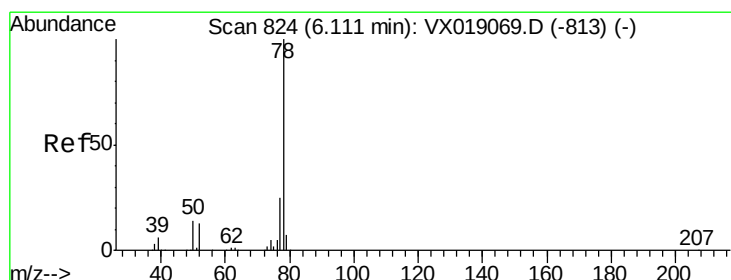
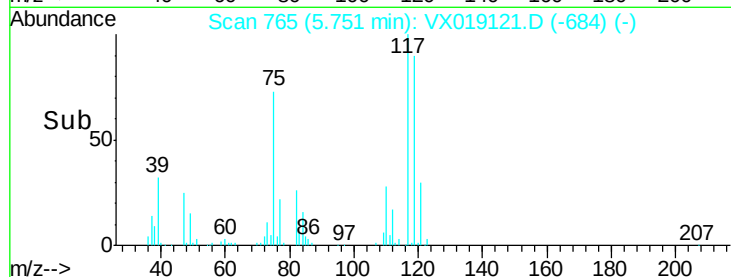
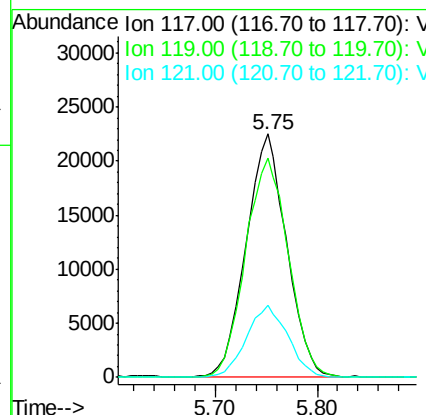
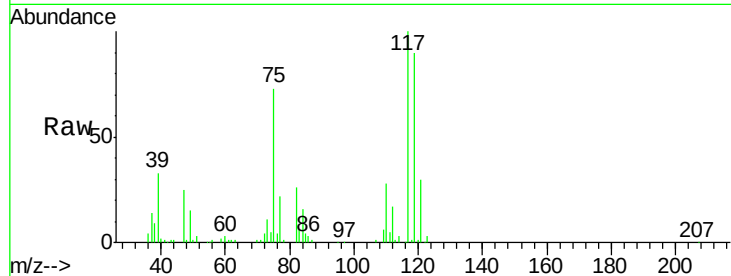
#33
Carbon Tetrachloride
Concen: 17.744 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	89.8	74.5	111.7
121	29.7	24.1	36.1

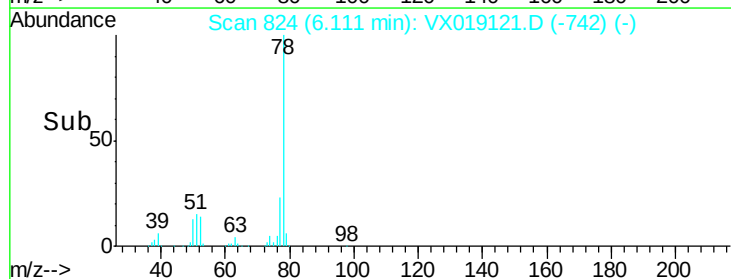
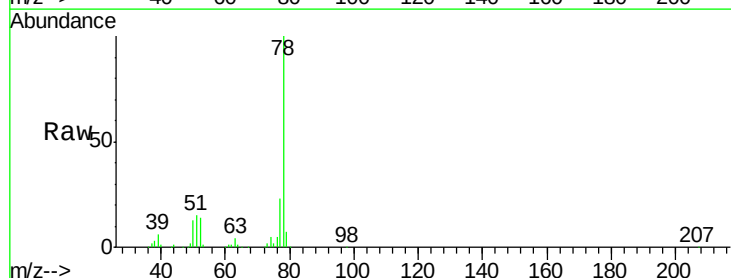
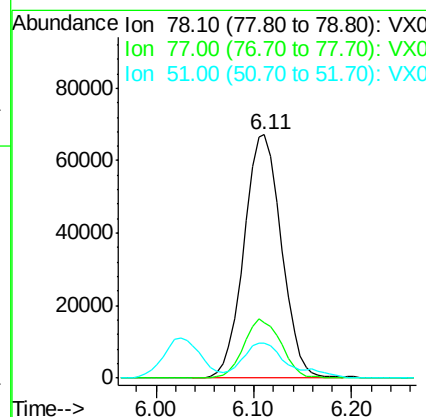
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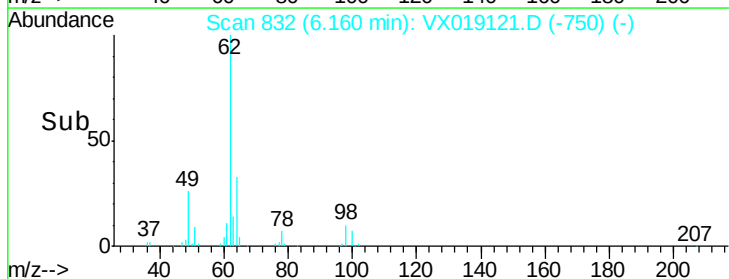
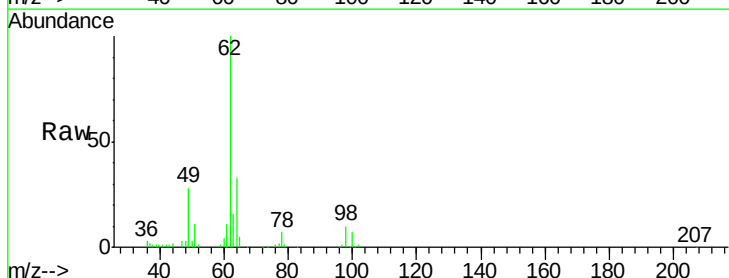
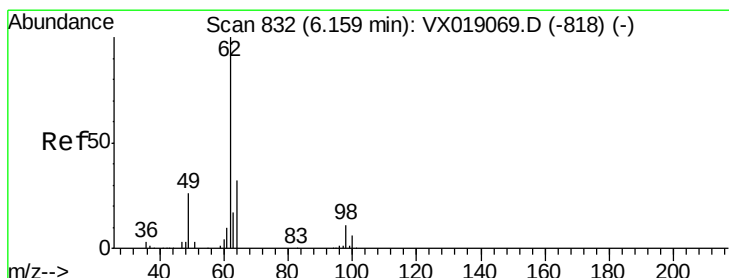
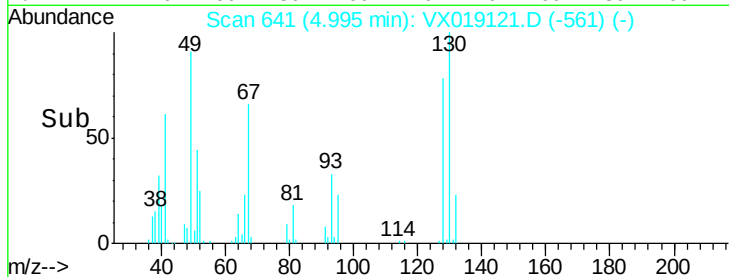
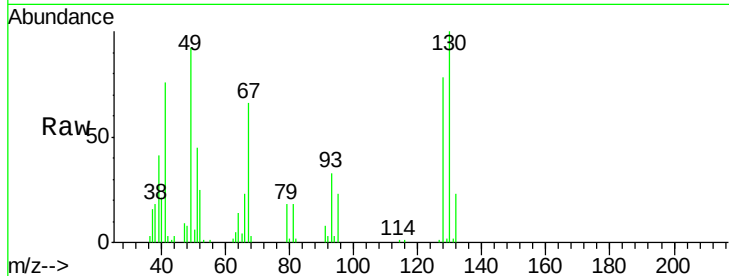
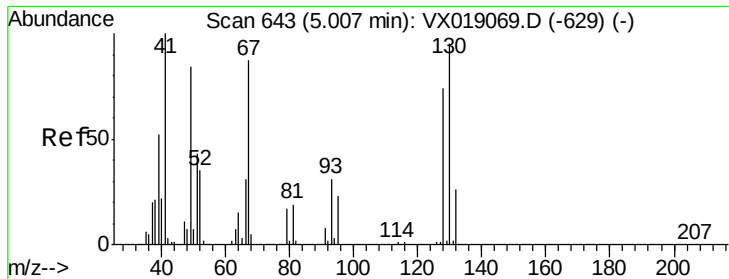
MMDadoda
10/27/2020 6:55:19 PM



#34
Benzene
Concen: 18.030 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	20.1	30.1
51	14.0	11.0	16.4





#35

Methacrylonitrile

Concen: 18.474 ug/l

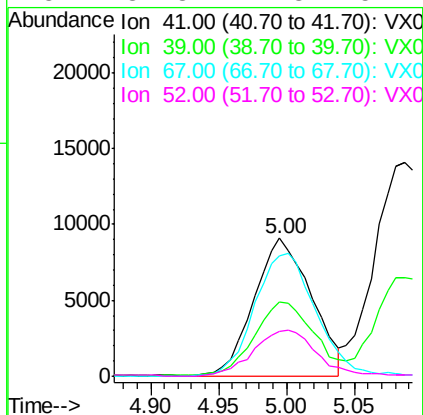
RT: 5.00 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	25.8	77.4	
67	87.2	43.6	130.8	
52	32.8	17.3	51.7	



Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

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10/27/2020 6:55:19 PM

#36

1,2-Dichloroethane

Concen: 18.411 ug/l

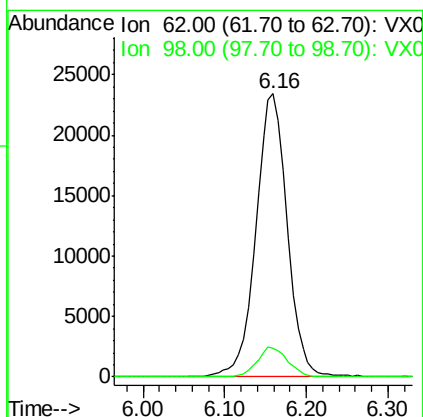
RT: 6.16 min Scan# 832

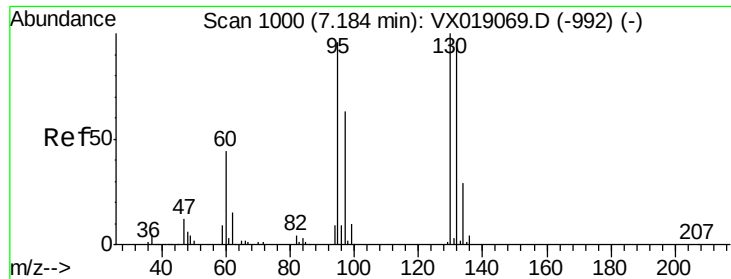
Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	8.4	12.6	





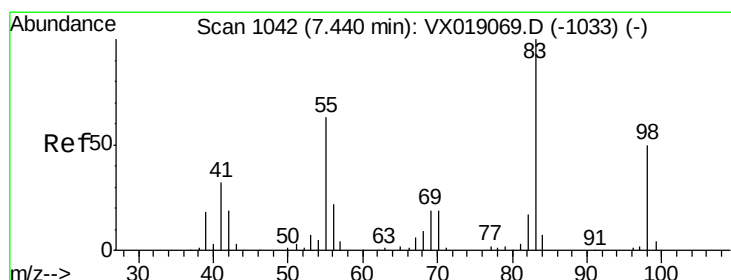
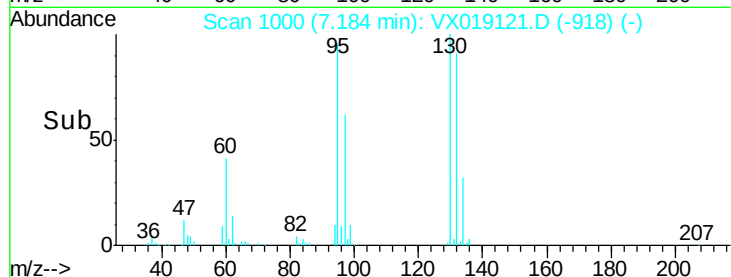
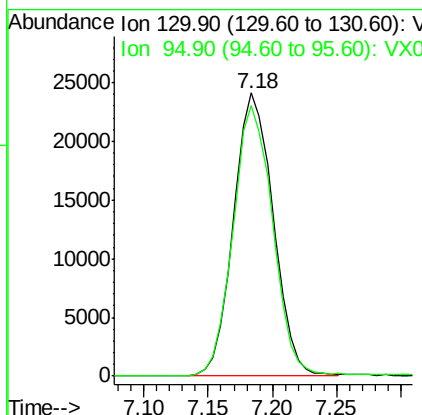
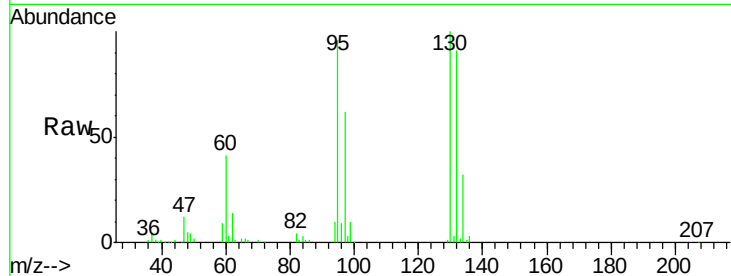
#37
 Trichloroethene
 Concen: 18.151 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 51726
 Ion Ratio Lower Upper
 130 100
 95 95.7 76.8 115.2

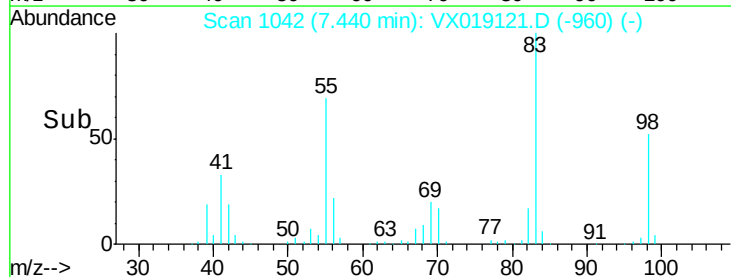
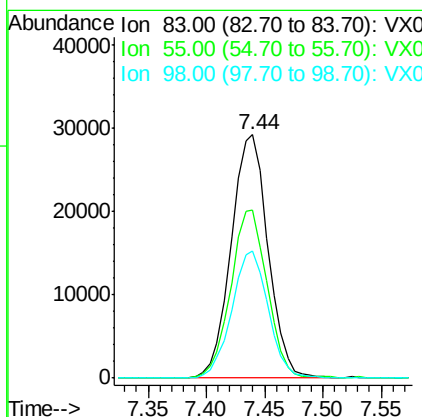
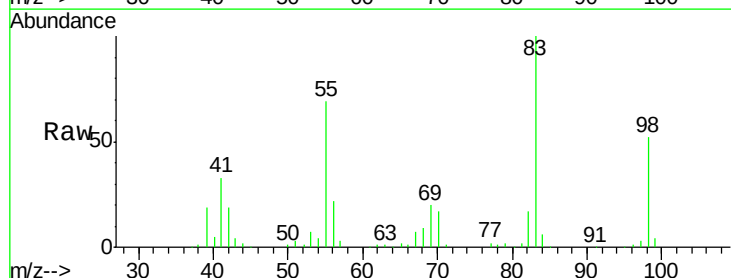
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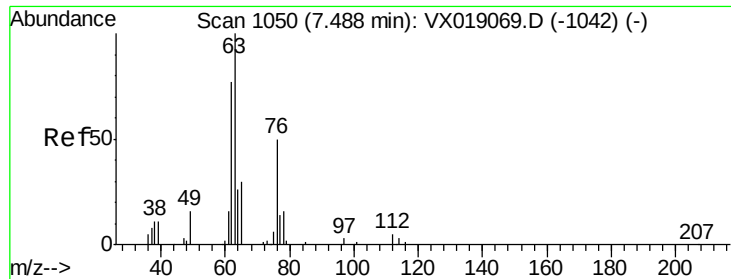
MMDadoda
 10/27/2020 6:55:19 PM



#38
 Methylcyclohexane
 Concen: 17.073 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion: 83 Resp: 64482
 Ion Ratio Lower Upper
 83 100
 55 68.4 32.3 96.8
 98 51.7 25.7 77.1





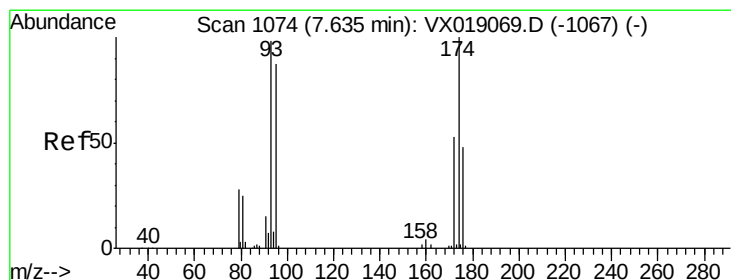
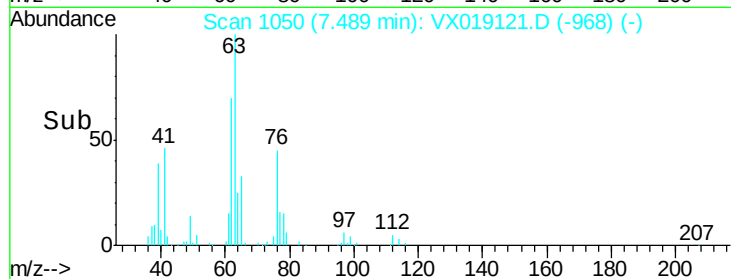
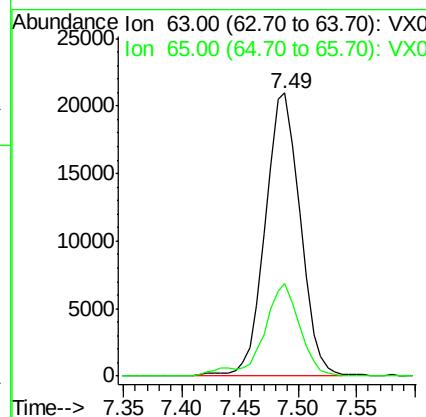
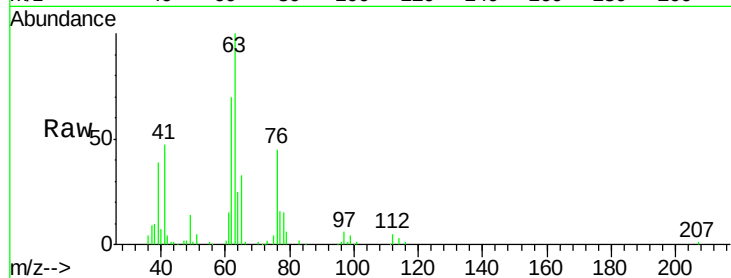
#39
 1,2-Dichloropropane
 Concen: 18.977 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
63	100			
65	32.3	25.8	38.8	

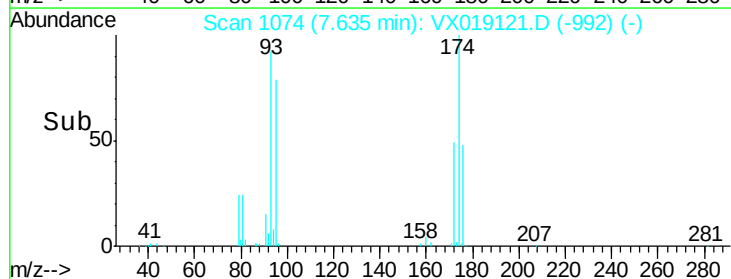
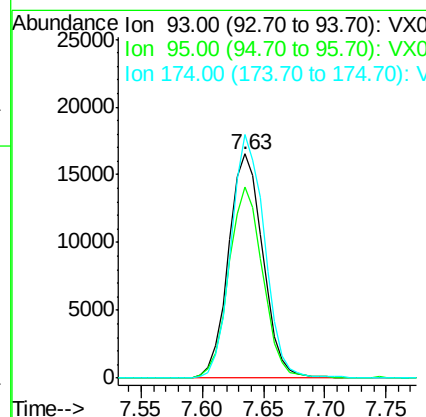
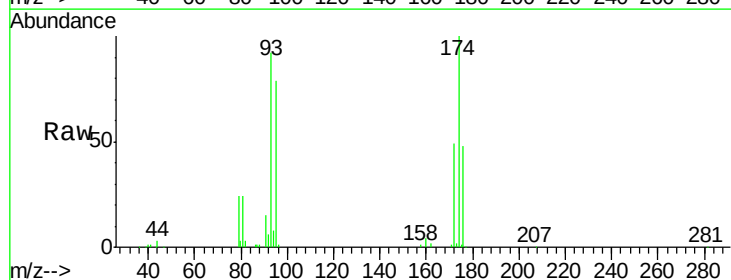
Manual Integrations
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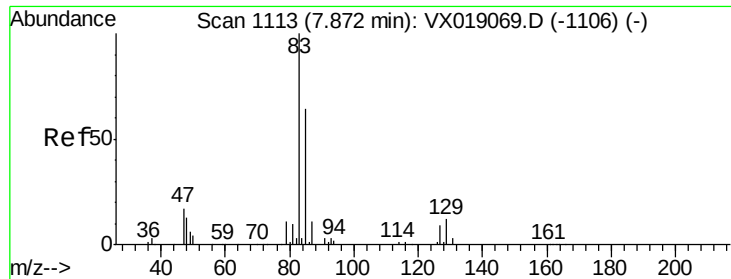
MMDadoda
 10/27/2020 6:55:19 PM



#40
 Dibromomethane
 Concen: 18.057 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
95	84.0	0.0	169.0	
174	105.6	0.0	205.4	





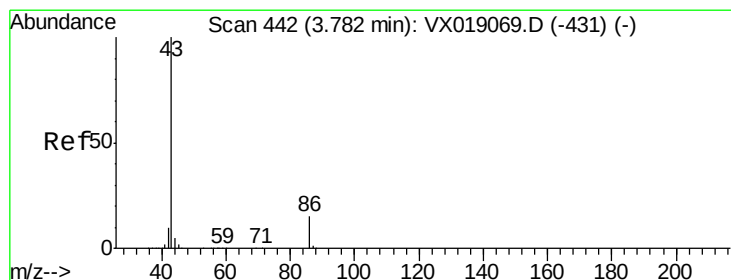
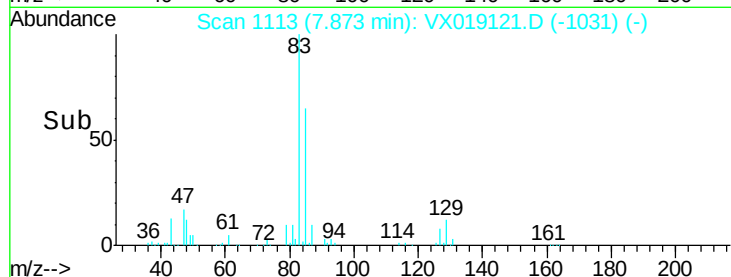
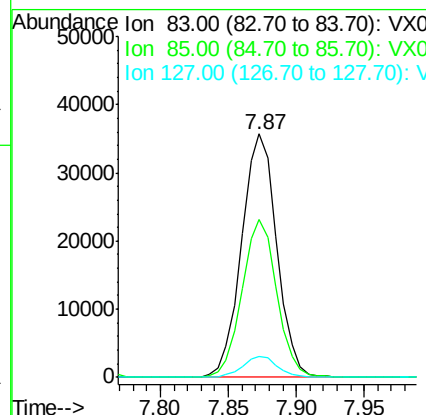
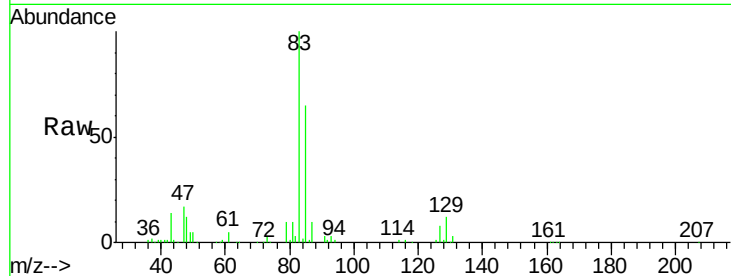
#41
Bromodichloromethane
Concen: 18.292 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	64591
Ion Ratio	100	Lower	Upper
85	65.0	51.2	76.8
127	8.5	7.1	10.7

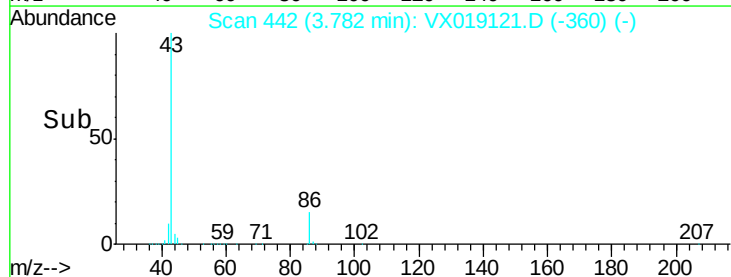
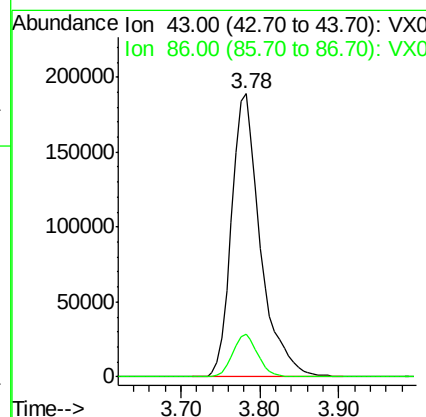
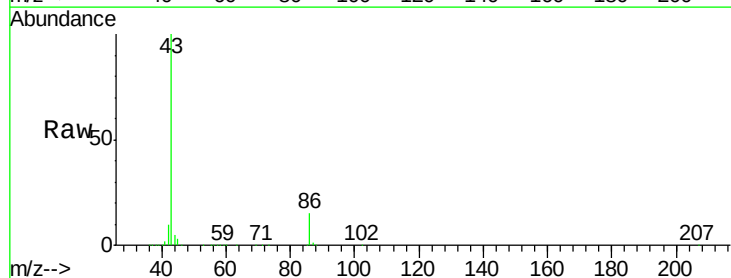
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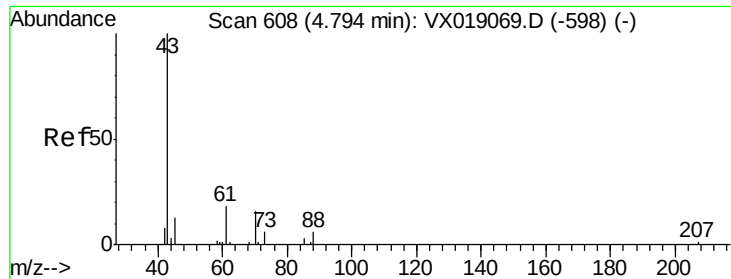
MMDadoda
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#42
Vinyl Acetate
Concen: 92.202 ug/l
RT: 3.78 min Scan# 442
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	43	Resp	481568
Ion Ratio	100	Lower	Upper
86	13.2	10.6	15.8





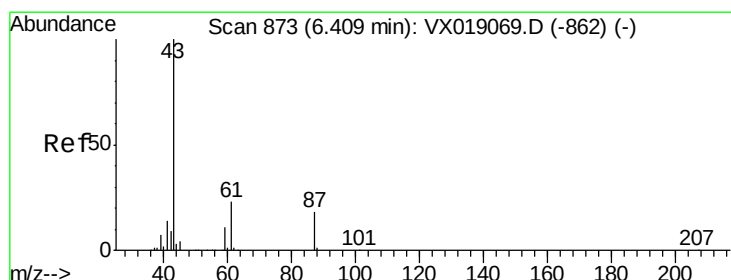
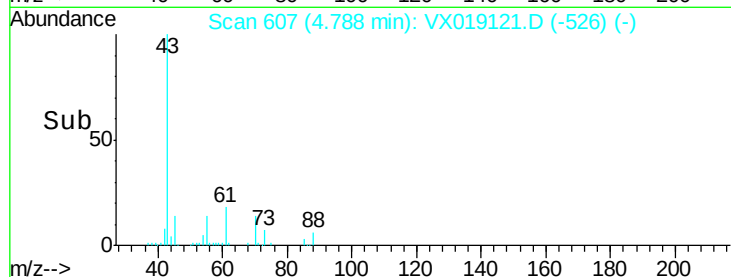
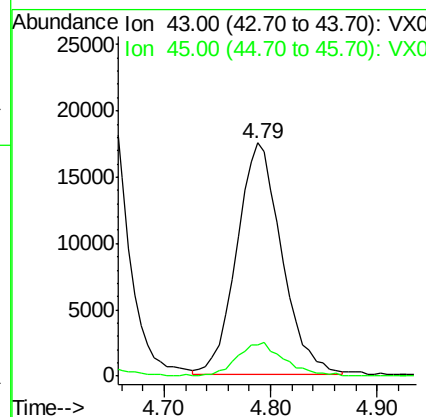
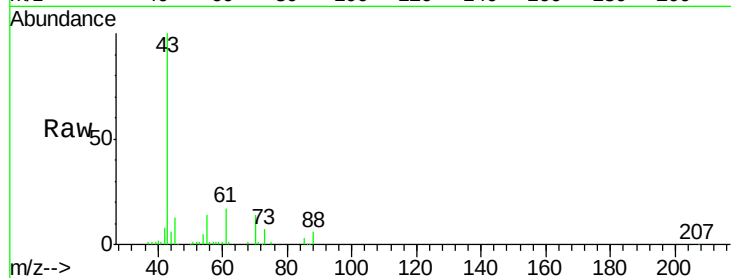
#43
Ethyl Acetate
Concen: 18.443 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 51936
Ion Ratio Lower Upper
43 100
45 14.8 12.7 19.1

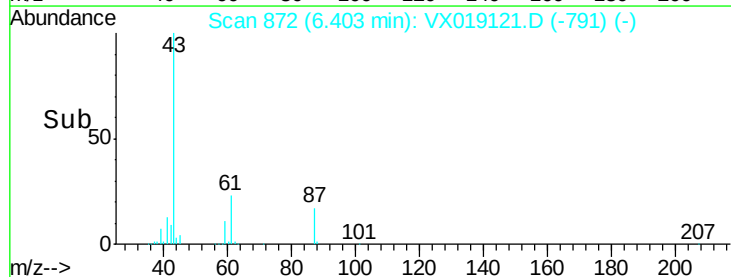
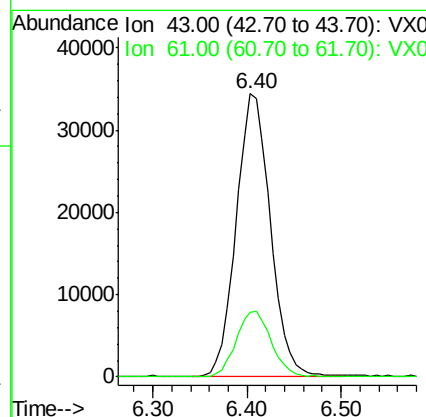
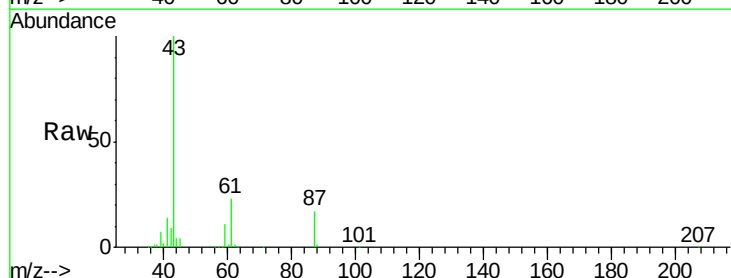
Manual Integrations
APPROVED

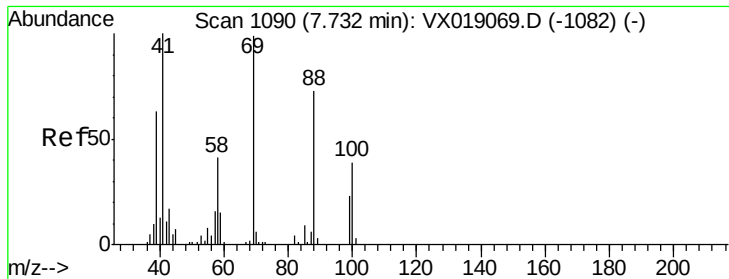
MMDadoda
10/27/2020 6:55:19 PM



#44
Isopropyl Acetate
Concen: 18.373 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion: 43 Resp: 86636
Ion Ratio Lower Upper
43 100
61 23.8 19.1 28.7





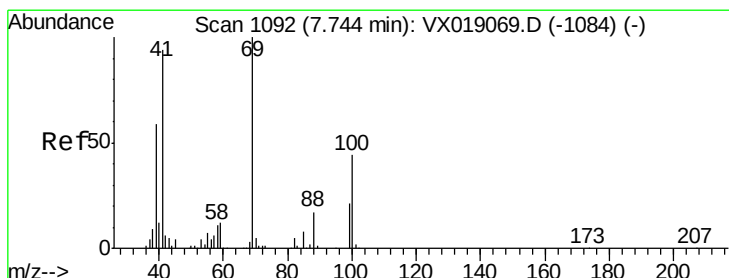
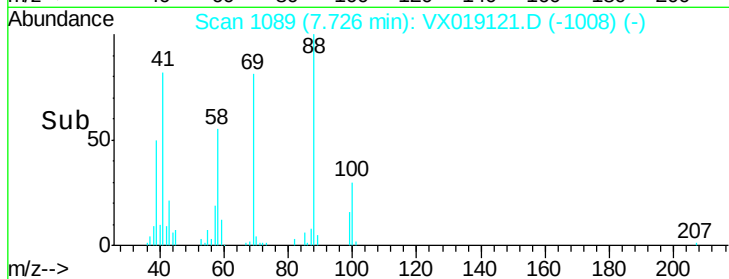
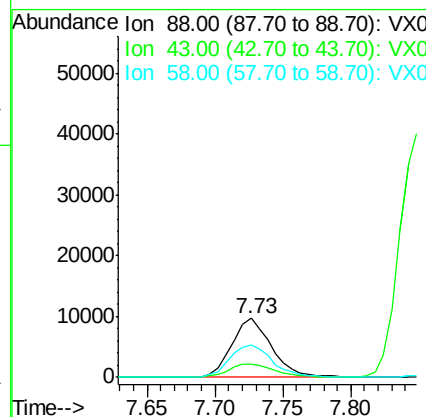
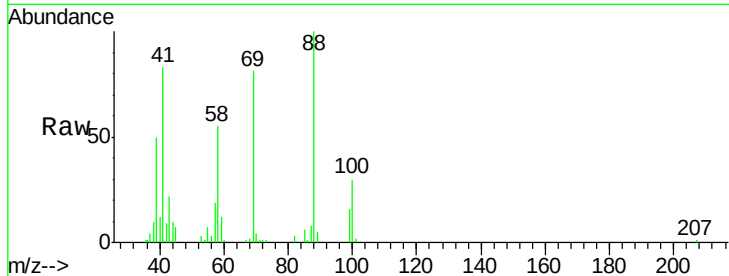
#45
 1,4-Dioxane
 Concen: 400.350 ug/l
 RT: 7.73 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	88	Resp	19843
Ion Ratio	Lower	Upper	
88	100		
43	24.8	20.5	30.7
58	58.8	47.4	71.2

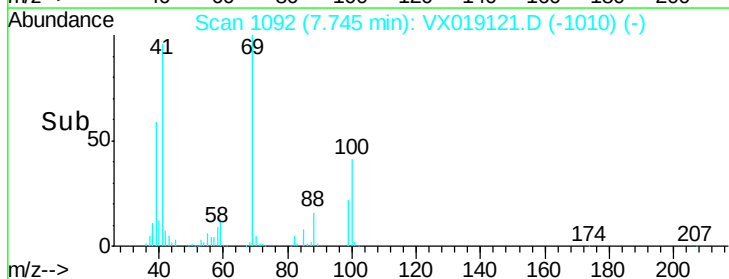
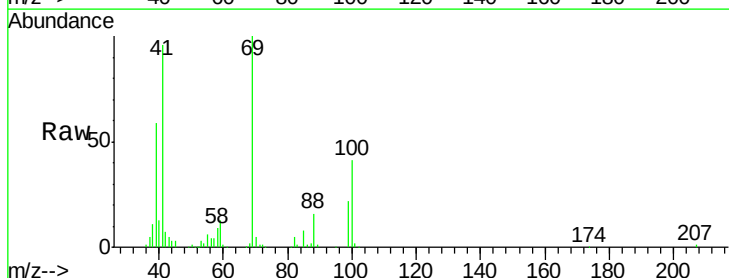
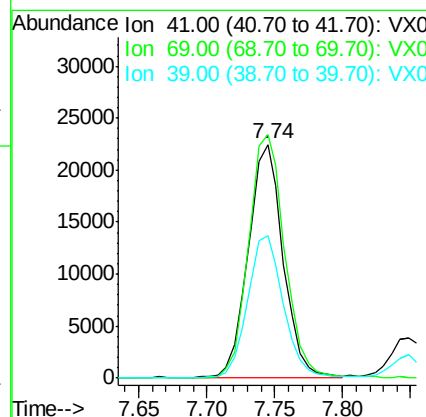
Manual Integrations
 APPROVED

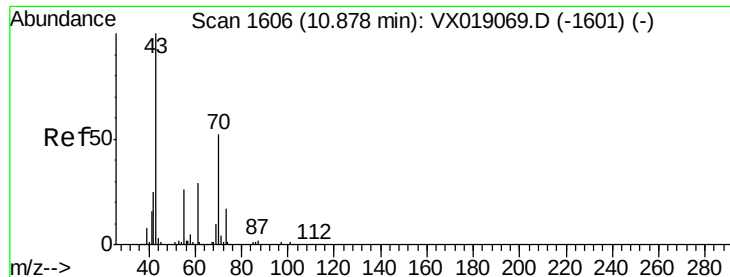
MMDadoda
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#46
 Methyl methacrylate
 Concen: 18.001 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion	41	Resp	40176
Ion Ratio	Lower	Upper	
41	100		
69	104.6	53.1	159.4
39	61.4	31.3	93.9





#47

n-amvl Acetate

Concen: 18.285 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 69162

Ion Ratio Lower Upper

43 100

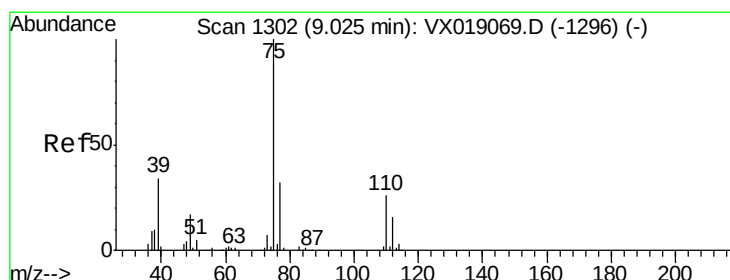
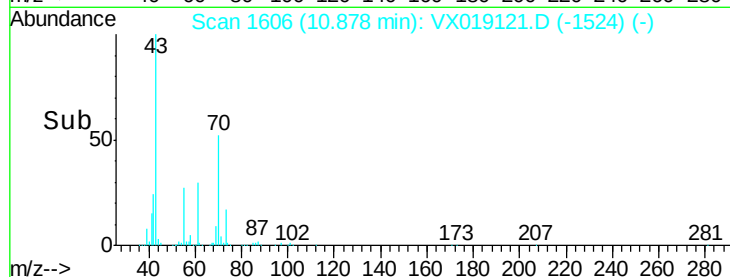
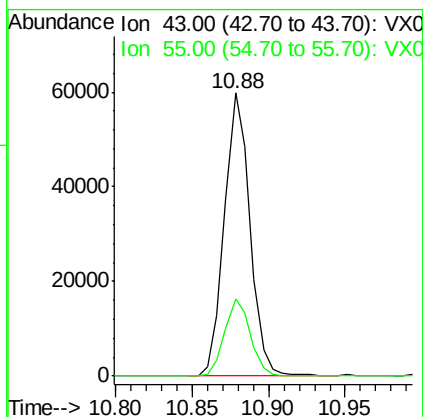
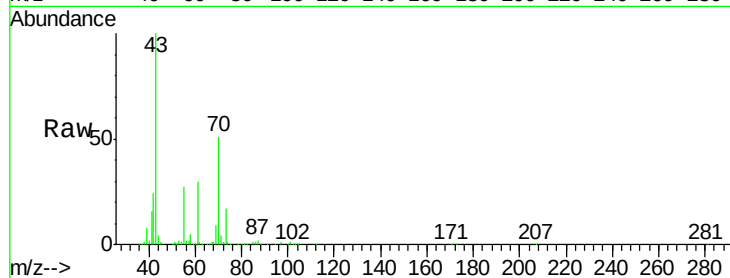
55 27.8 21.5 32.3

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 17.672 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019121.D

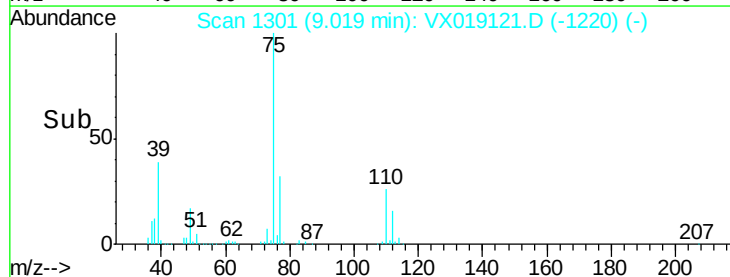
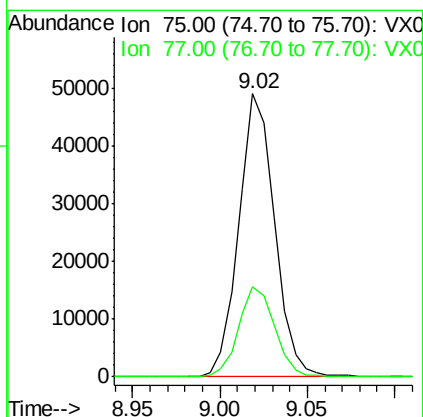
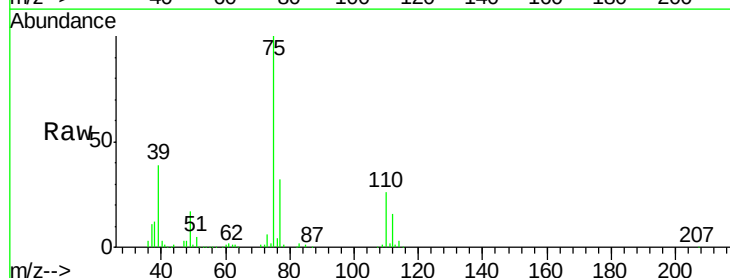
Acq: 26 Oct 2020 16:01

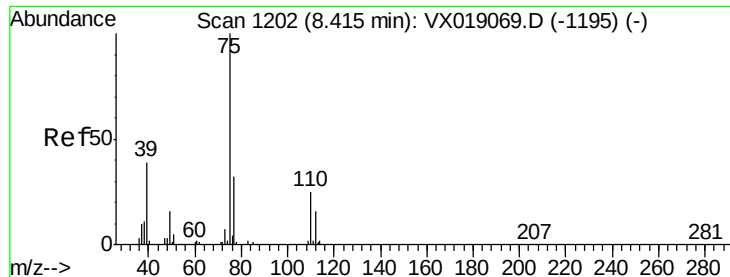
Tgt Ion: 75 Resp: 69859

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 18.045 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

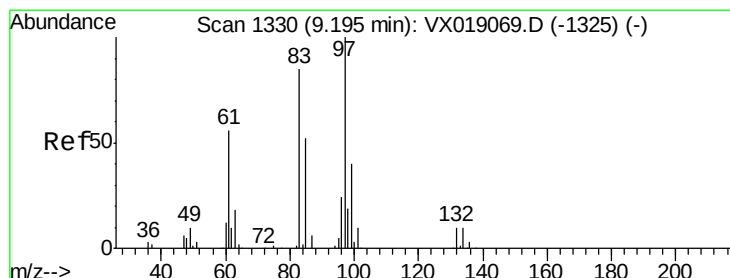
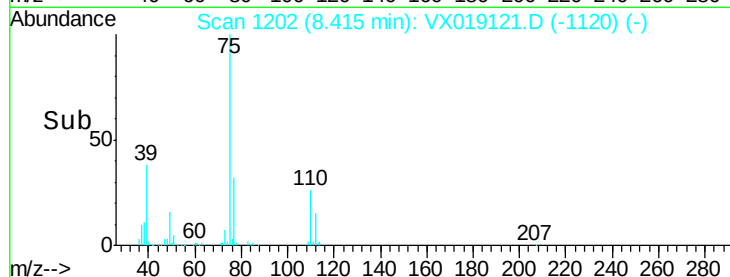
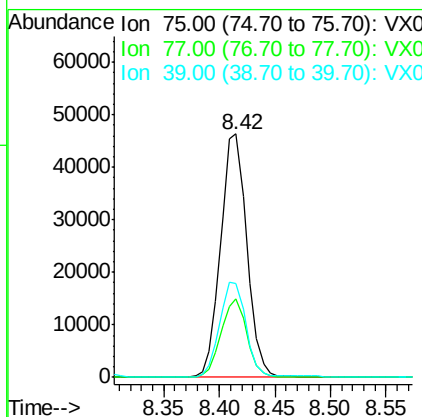
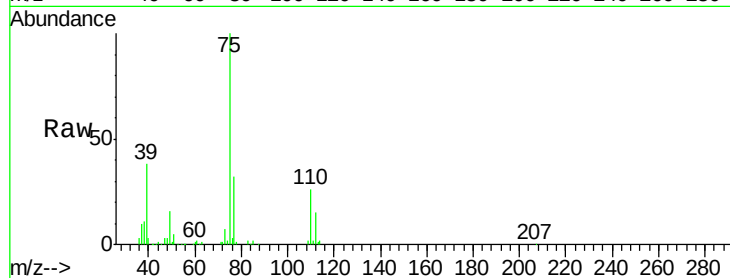
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	75909
Ion Ratio	Lower	Upper	
75	100		
77	32.4	25.8	38.8
39	38.1	31.0	46.6

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 18.452 ug/l

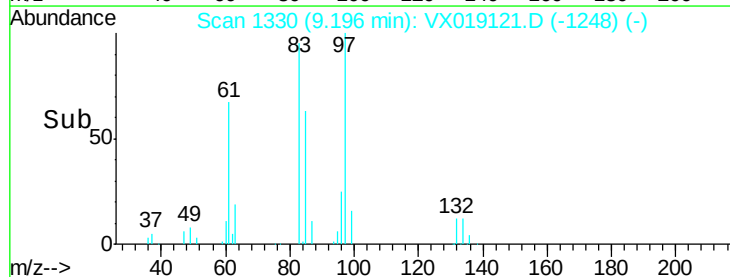
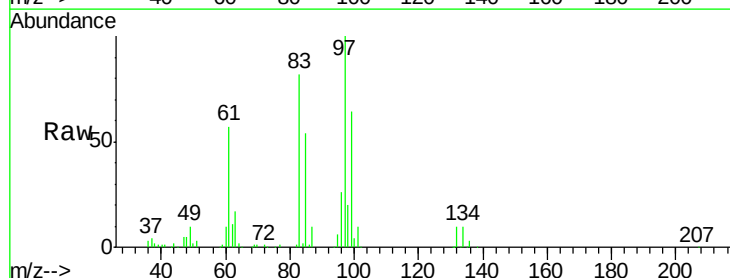
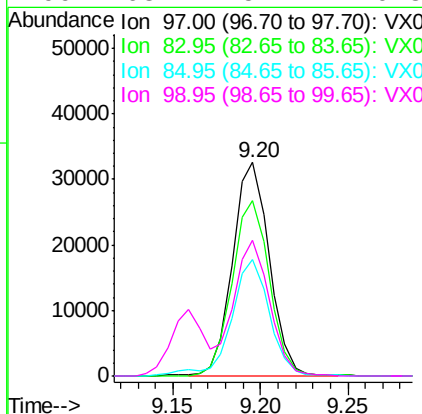
RT: 9.20 min Scan# 1330

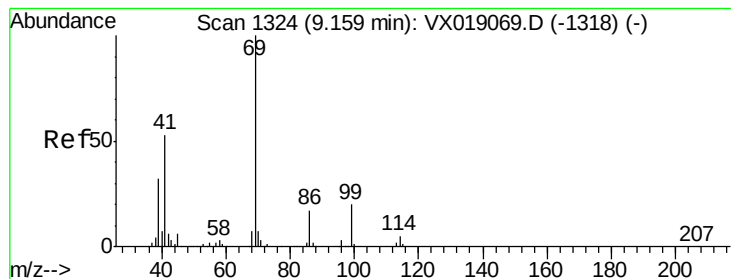
Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Tgt Ion:	97	Resp:	47734
Ion Ratio	Lower	Upper	
97	100		
83	82.1	67.8	101.6
85	54.3	43.5	65.3
99	63.7	51.2	76.8





#51

Ethyl methacrylate

Concen: 17.679 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

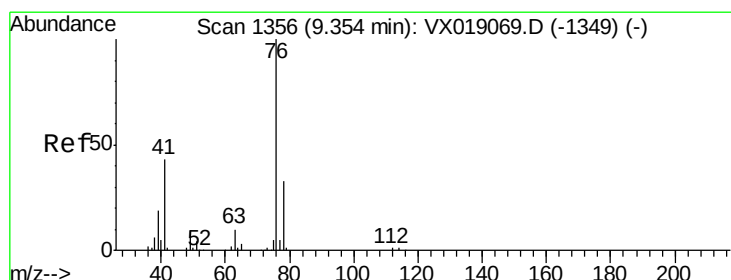
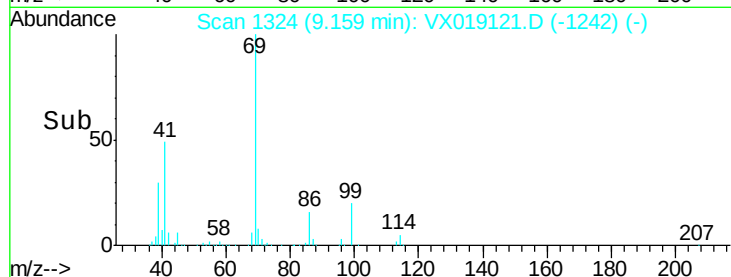
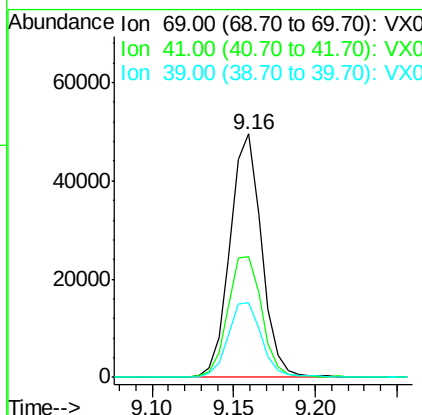
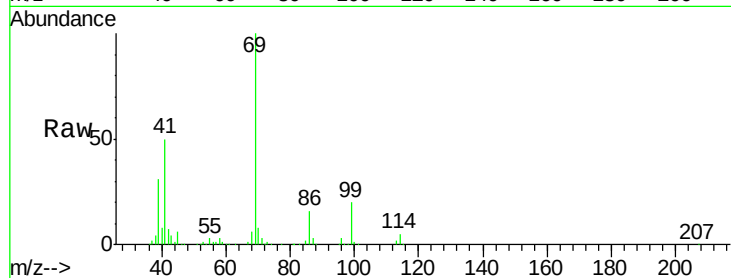
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	66732
Ion	Ratio	Lower	Upper
69	100		
41	49.7	26.5	79.4
39	30.6	16.2	48.6

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.499 ug/l

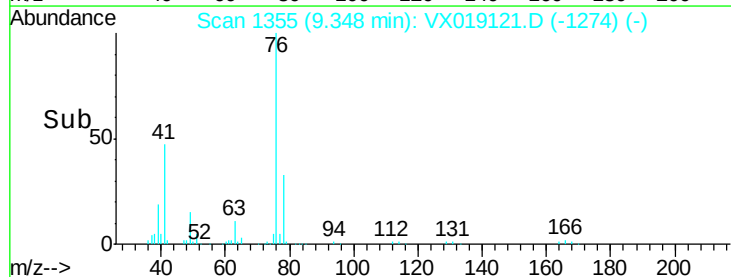
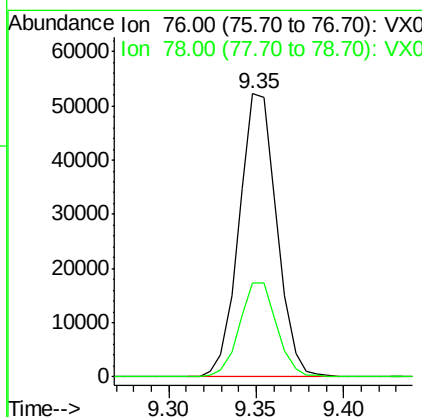
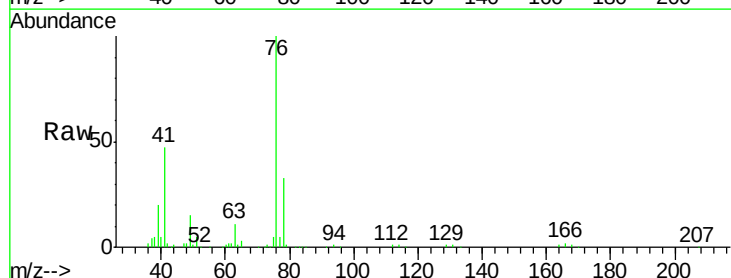
RT: 9.35 min Scan# 1355

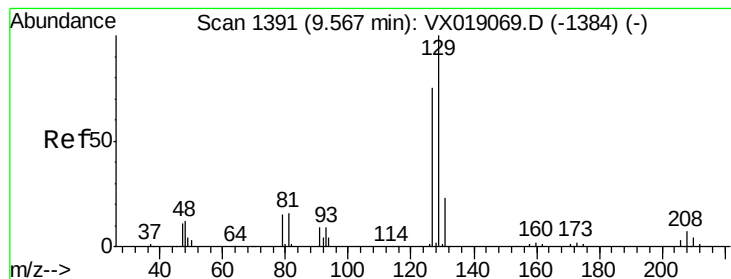
Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Tgt Ion:	76	Resp:	77961
Ion	Ratio	Lower	Upper
76	100		
78	33.1	0.0	65.2





#53

Dibromochloromethane

Concen: 17.714 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 51013

Ion Ratio Lower Upper

129 100

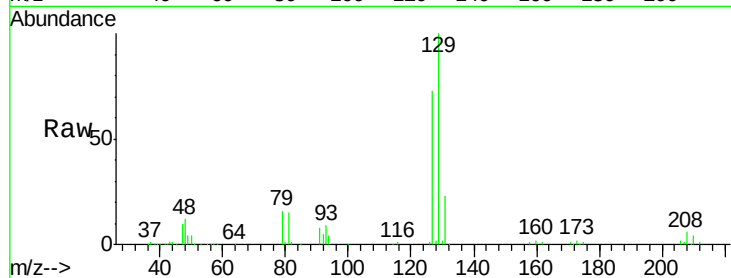
127 77.8 38.4 115.1

Manual Integrations

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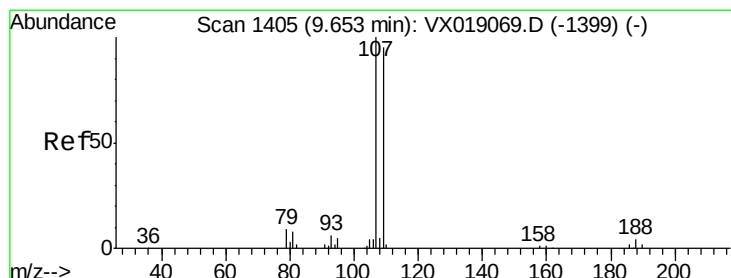
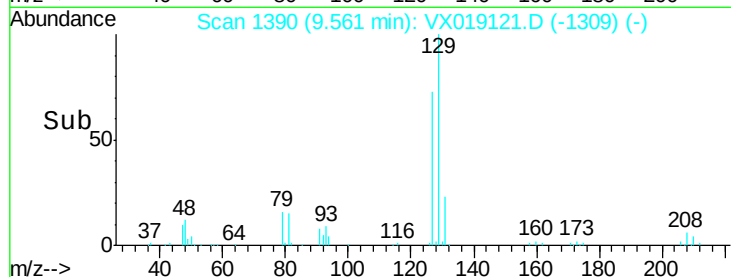
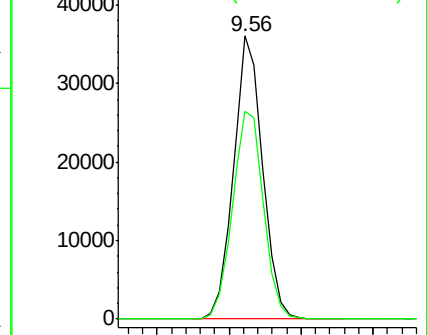
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.020 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019121.D

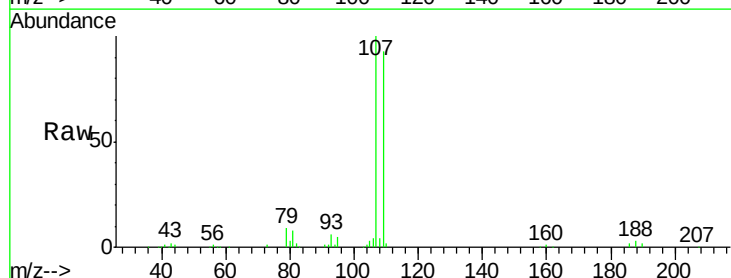
Acq: 26 Oct 2020 16:01

Tgt Ion:107 Resp: 50655

Ion Ratio Lower Upper

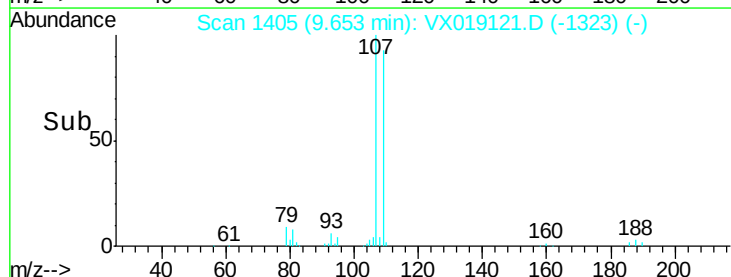
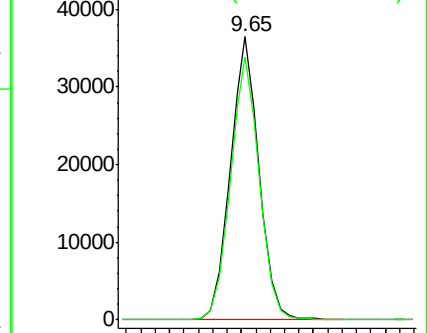
107 100

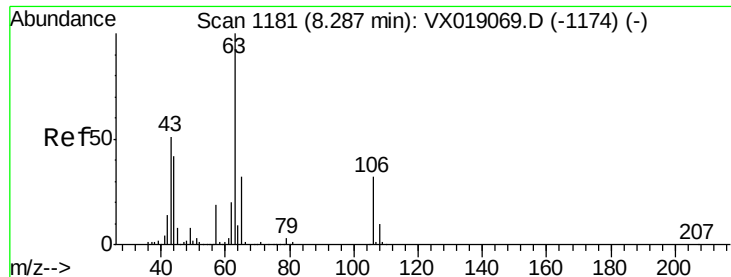
109 93.5 74.6 112.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





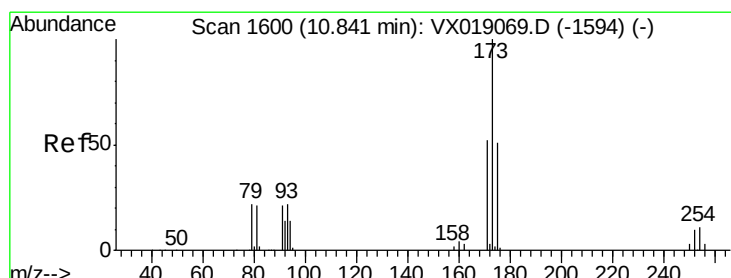
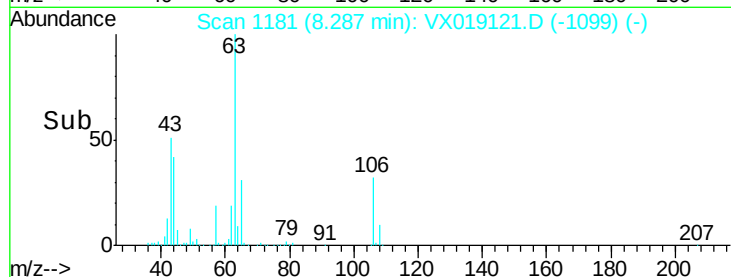
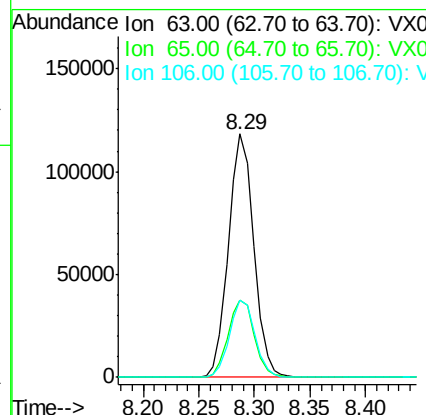
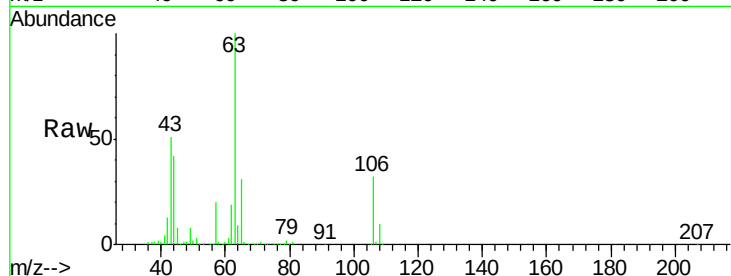
#55
2-Chloroethyl vinyl ether
Concen: 92.726 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	26.0	39.0
106	32.1	25.9	38.9

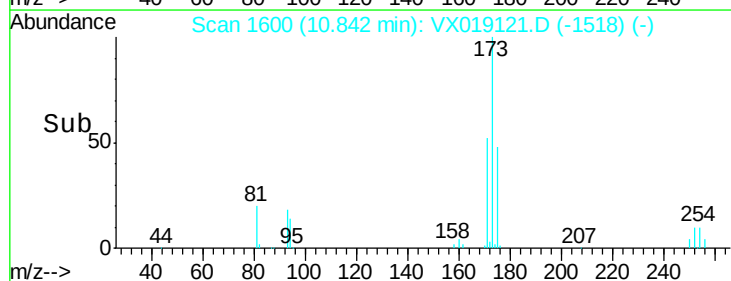
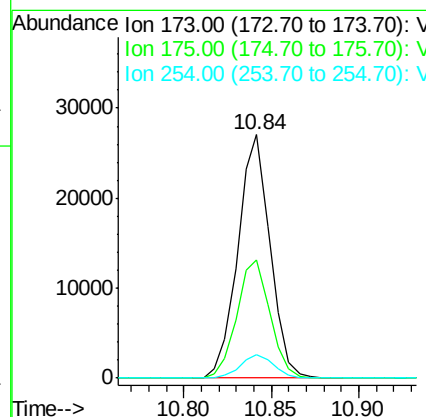
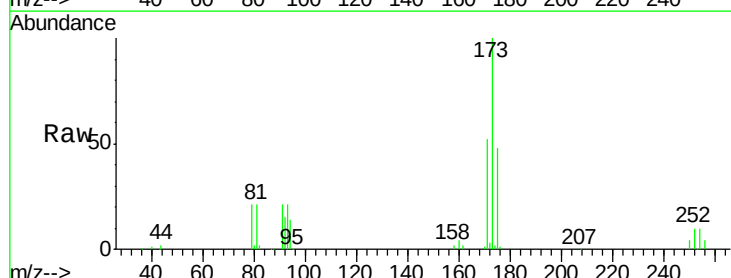
Manual Integrations
APPROVED

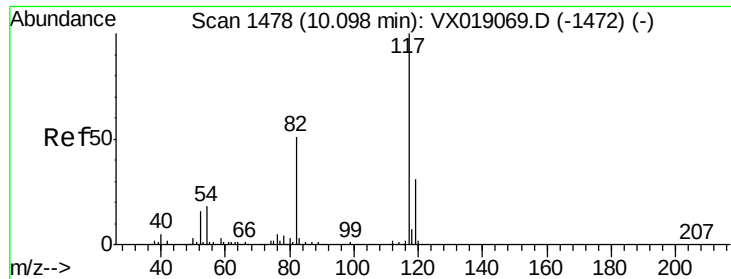
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#56
Bromoform
Concen: 17.153 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.1	39.6	59.4
254	10.1	8.6	13.0





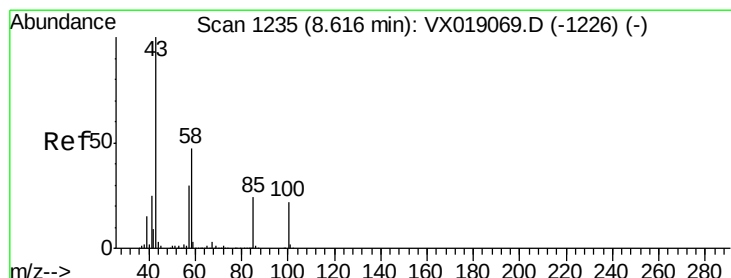
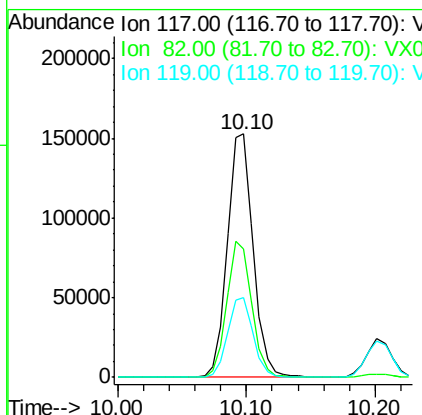
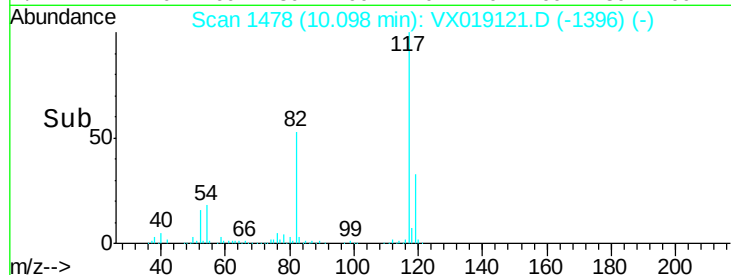
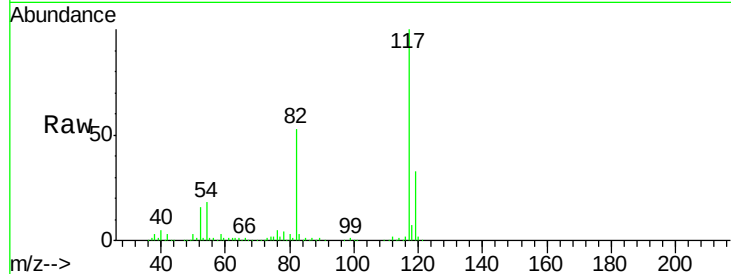
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.5	63.7
119	32.3	25.6	38.4

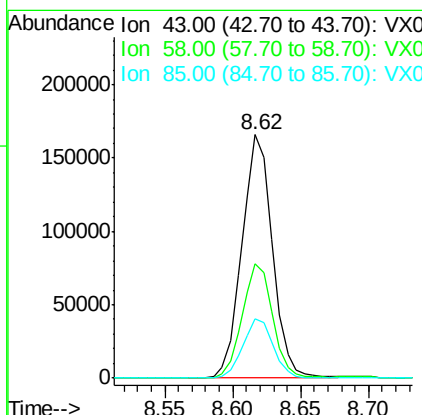
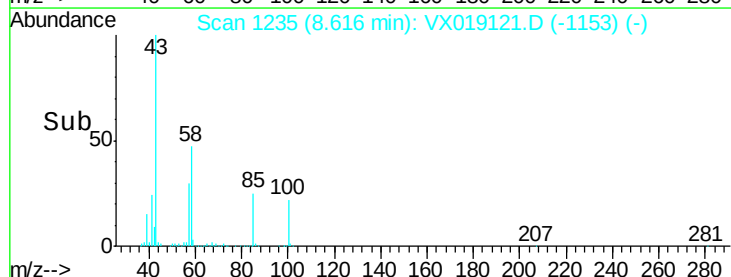
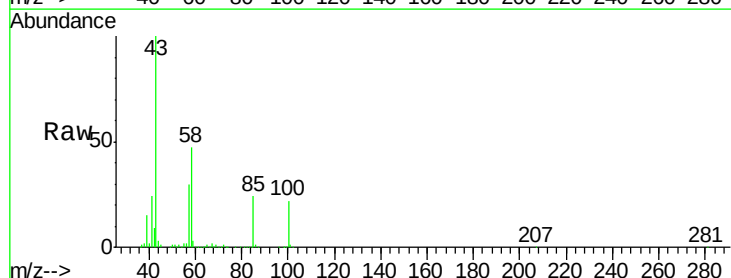
Manual Integrations
APPROVED

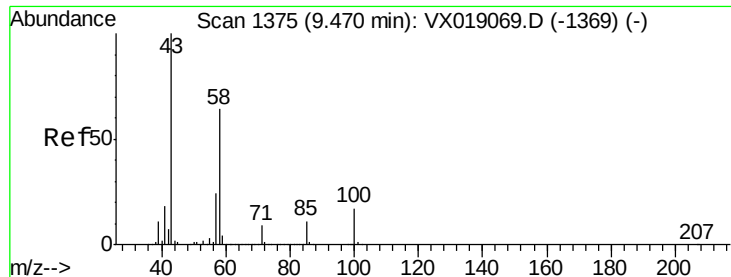
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#58
4-Methyl-2-Pentanone
Concen: 95.918 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.0	37.6	56.4
85	24.5	19.4	29.2





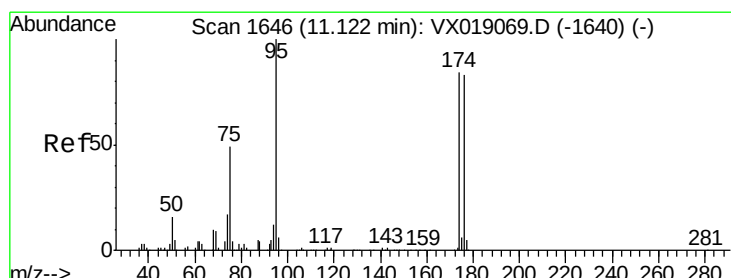
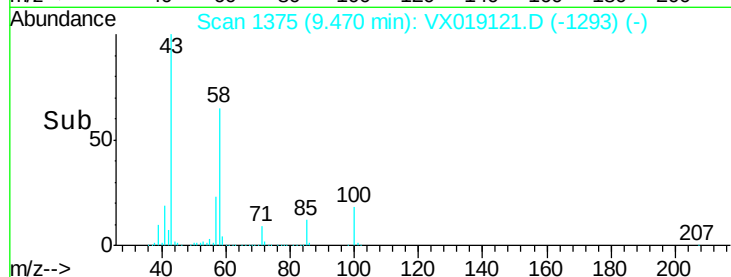
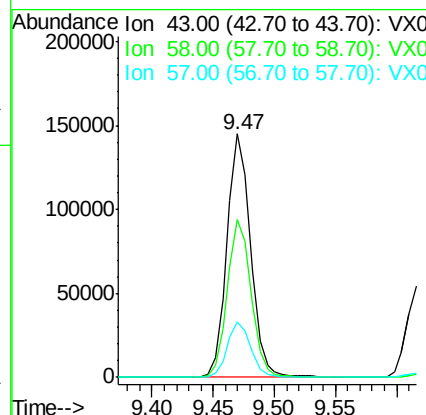
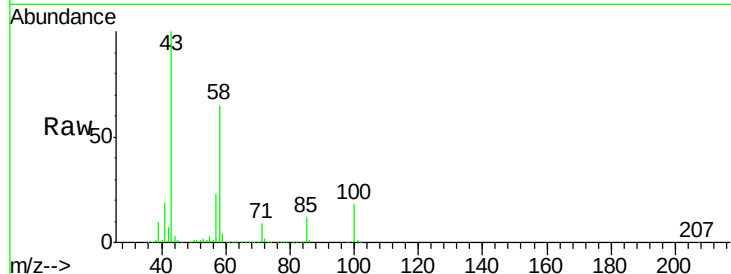
#59
2-Hexanone
Concen: 96.282 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	65.2	51.9	77.9
57	22.7	18.2	27.4

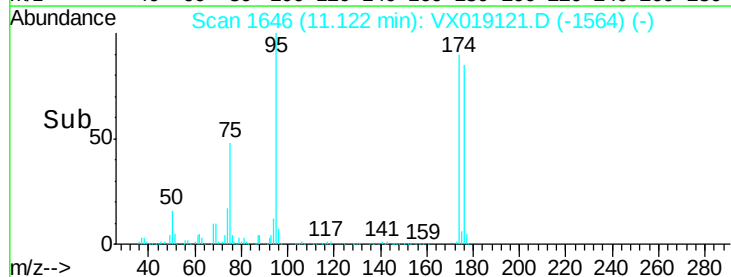
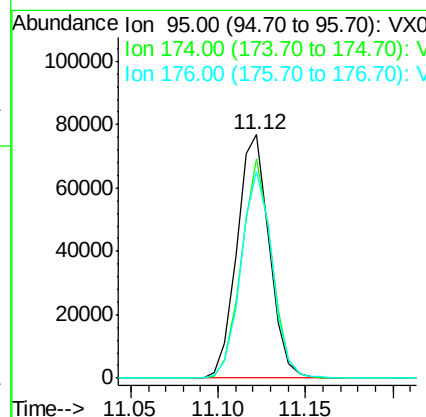
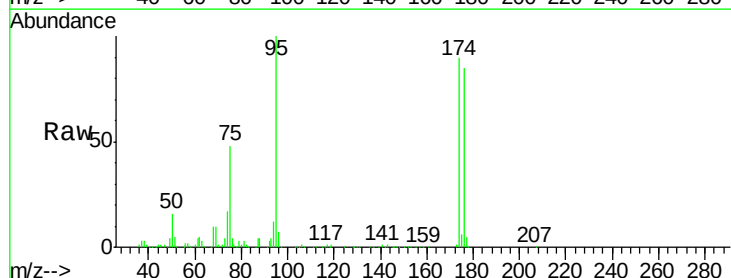
Manual Integrations
APPROVED

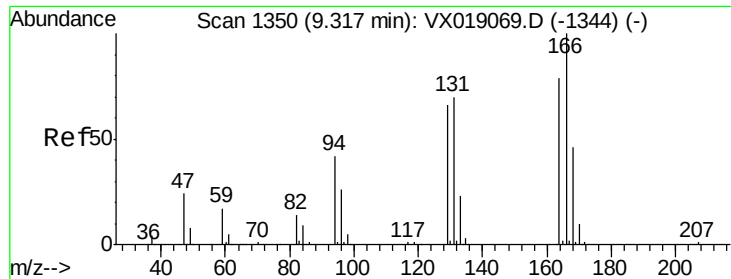
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 30.540 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.7	66.3	99.5
176	82.3	65.5	98.3





#61

Tetrachloroethene

Concen: 19.072 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020EC

Tot Ion:164 Resp: 48597

Ion Ratio Lower Upper

164 100

166 139.8 101.9 152.9

129 93.4 67.0 100.6

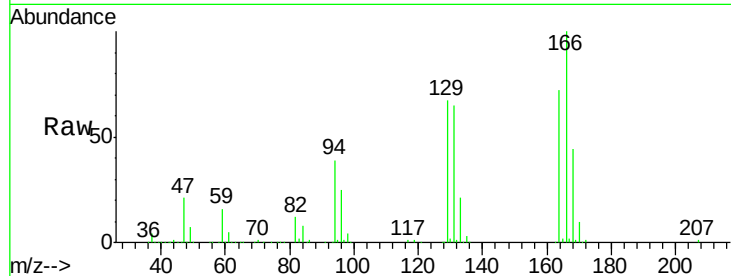
131 91.4 71.1 106.7

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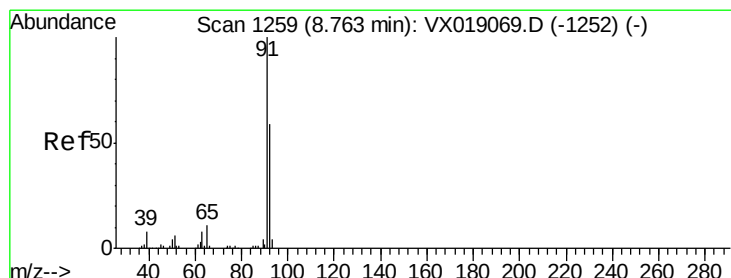
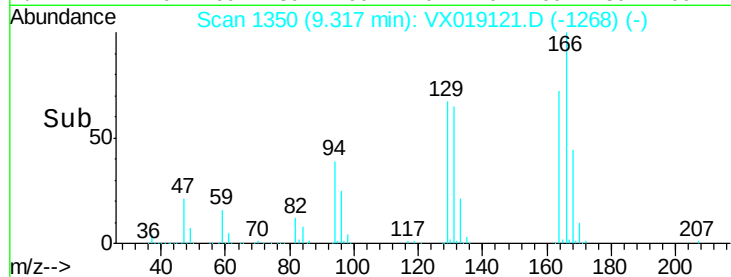
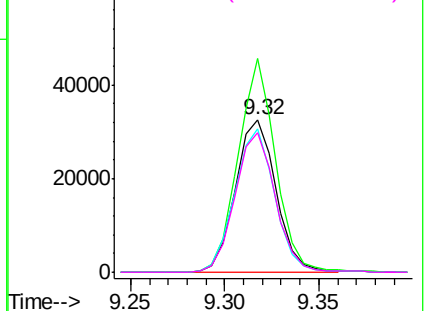


Abundance Ion 163.85 (163.55 to 164.55): V

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: 17.825 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019121.D

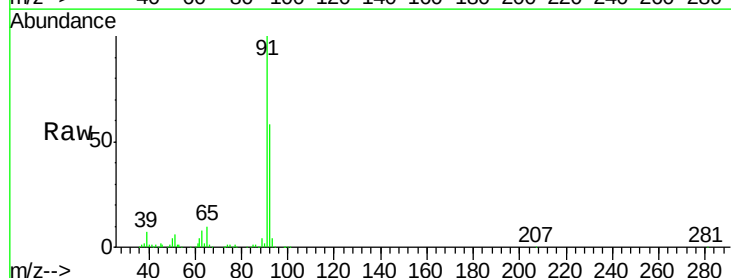
Acq: 26 Oct 2020 16:01

Tgt Ion: 91 Resp: 201221

Ion Ratio Lower Upper

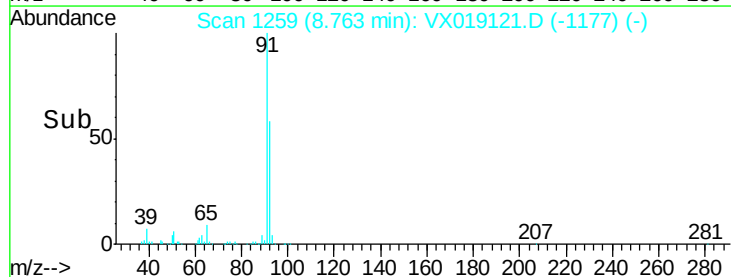
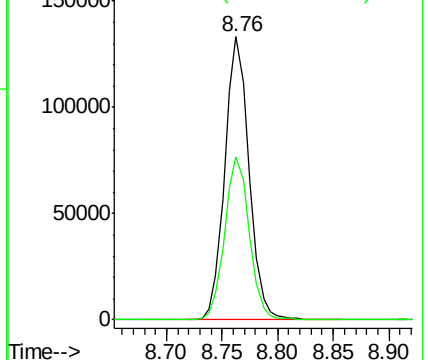
91 100

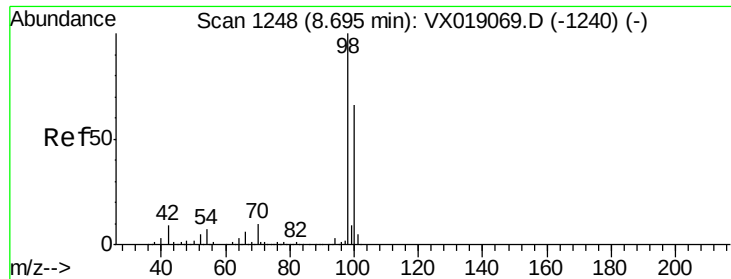
92 58.5 47.3 70.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





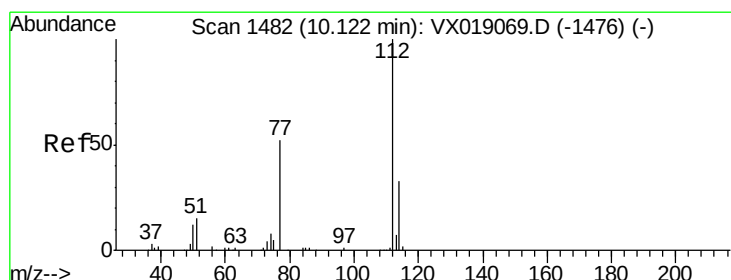
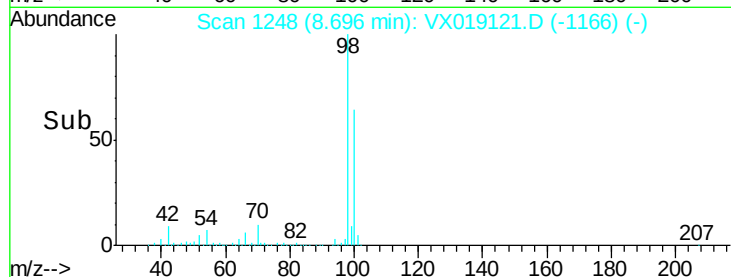
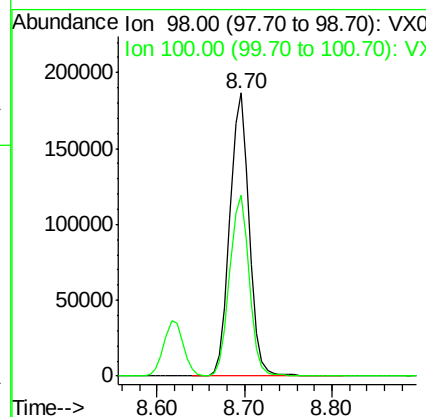
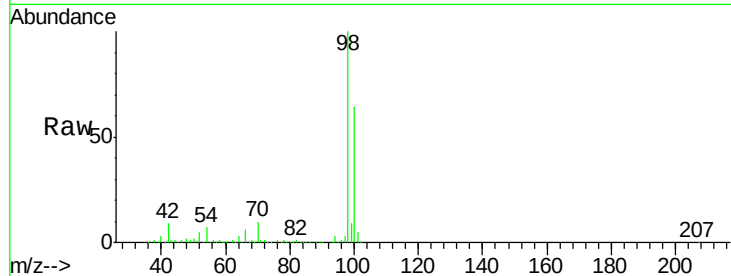
#63
Toluene-d8
Concen: 30.150 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 285916
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4

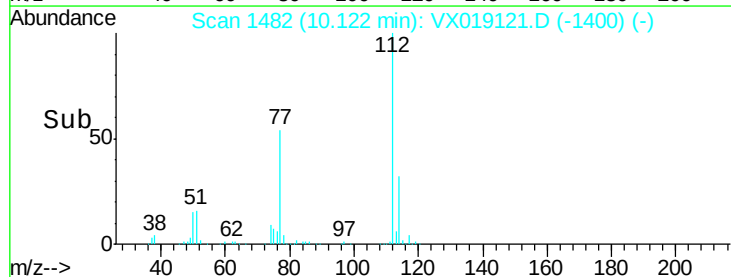
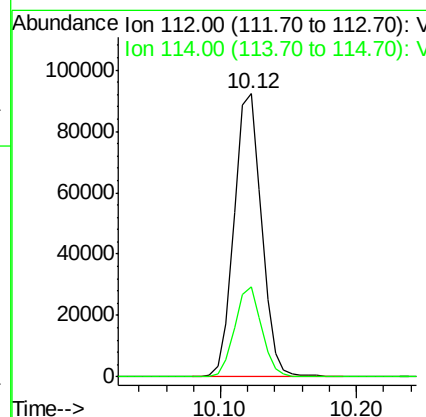
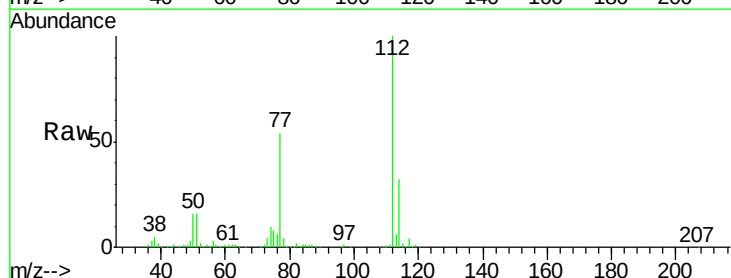
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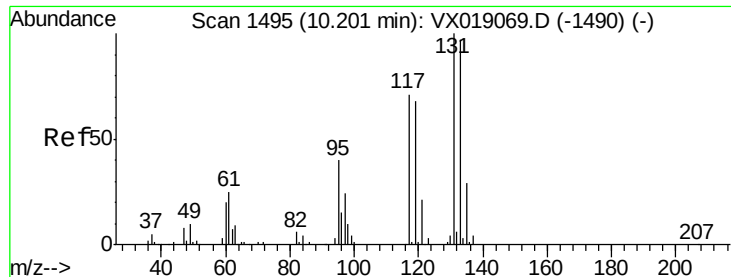
MMDadoda
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#64
Chlorobenzene
Concen: 18.517 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion: 112 Resp: 129938
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.052 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

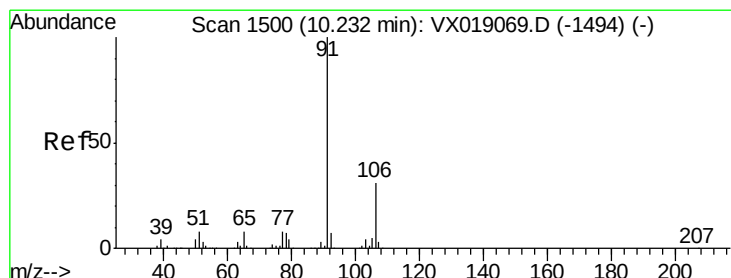
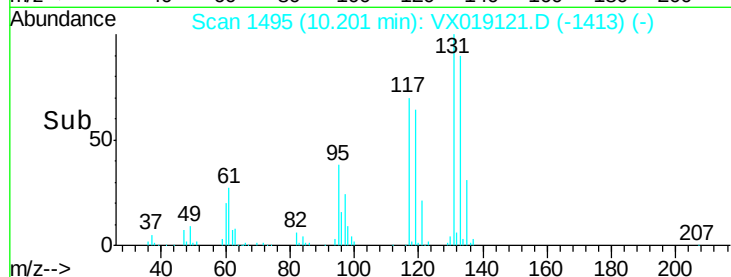
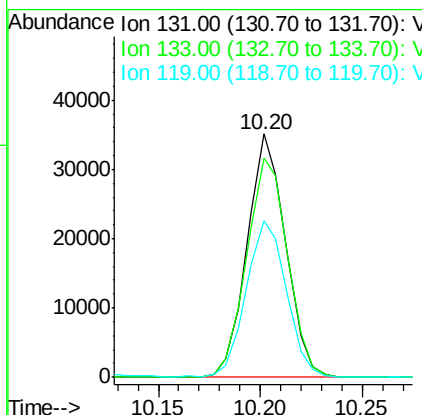
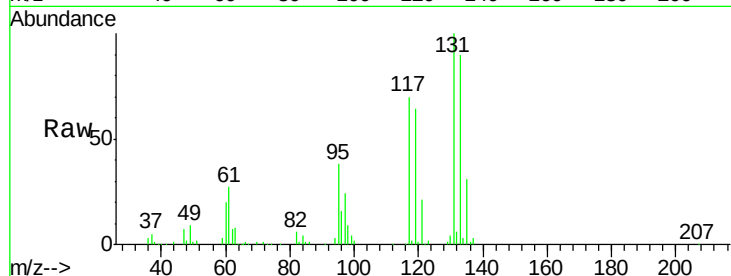
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	46071
Ion Ratio	Lower	Upper	
131	100		
133	96.1	0.0	191.6
119	67.1	0.0	130.0

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#66

Ethyl Benzene

Concen: 18.294 ug/l

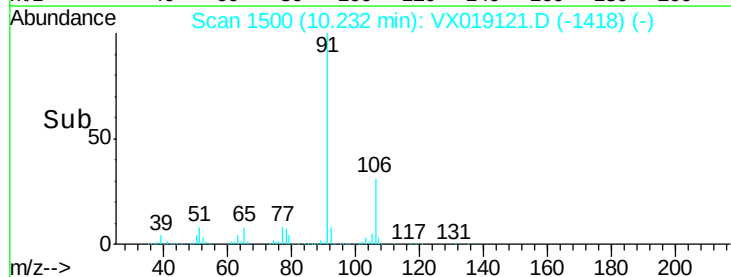
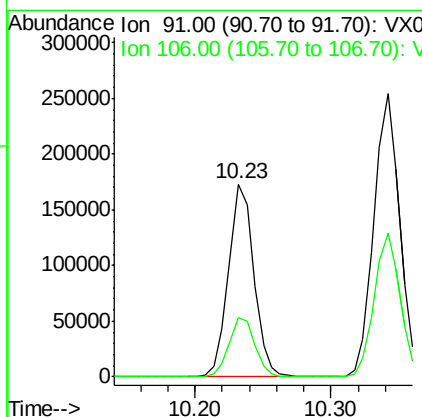
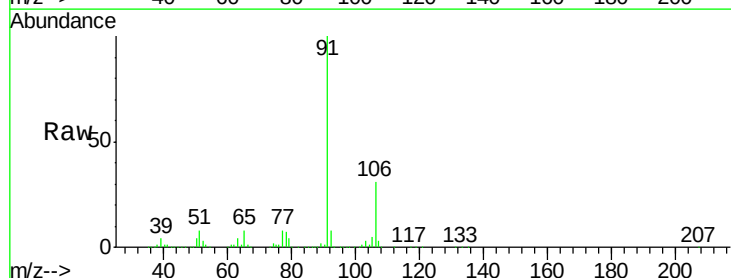
RT: 10.23 min Scan# 1500

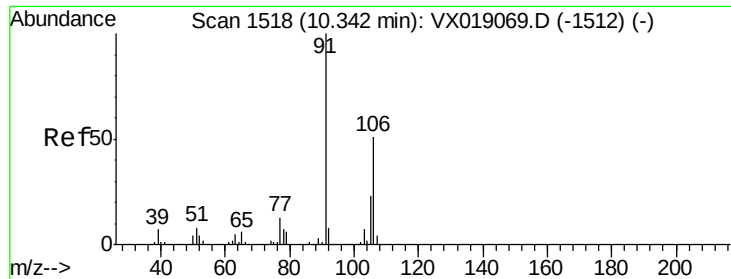
Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Tgt Ion:	91	Resp:	226413
Ion Ratio	Lower	Upper	
91	100		
106	31.2	24.7	37.1





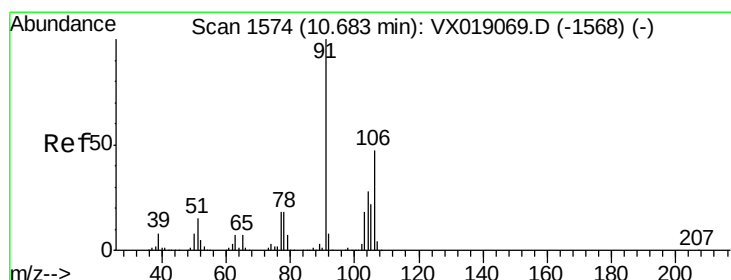
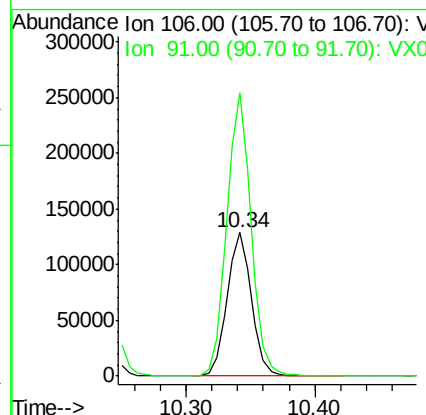
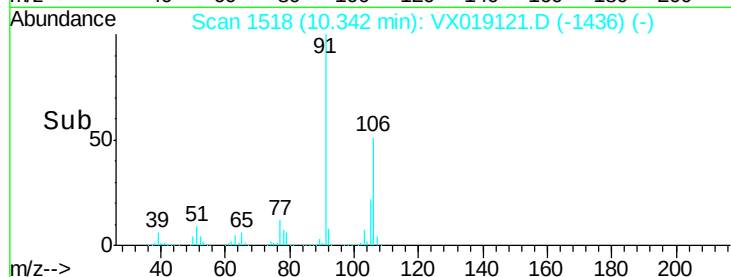
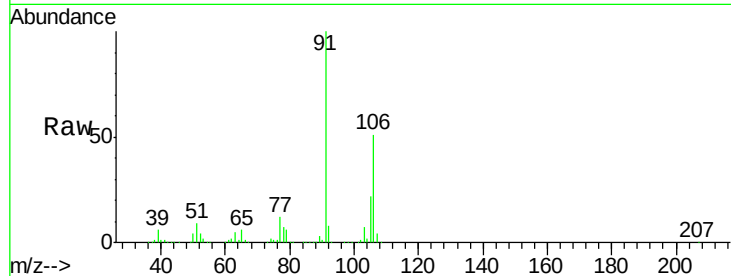
#67
m/p-Xylenes
Concen: 36.551 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	196.6	157.5	236.3		

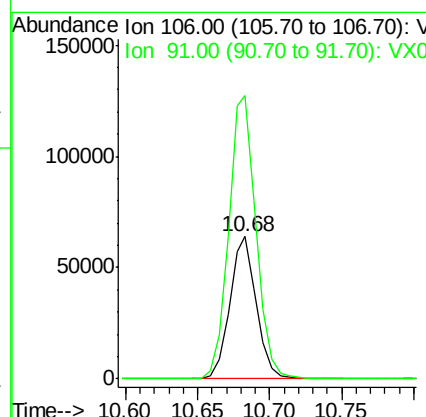
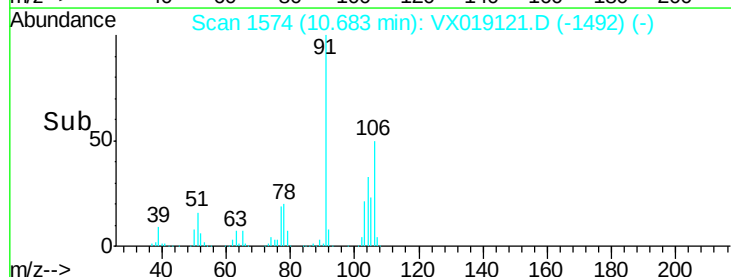
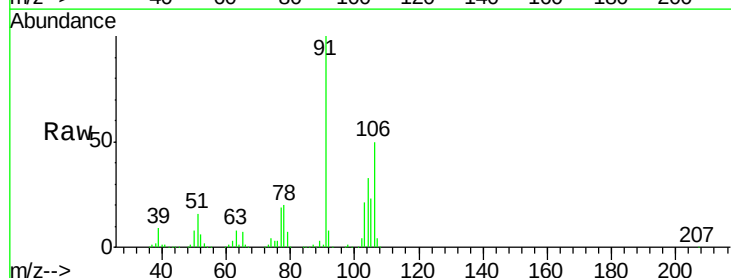
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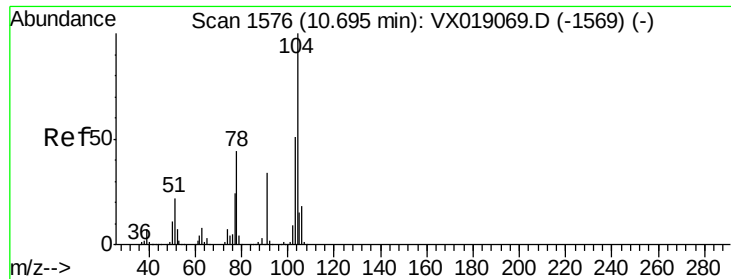
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#68
o-Xylene
Concen: 18.231 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	206.3	103.8	311.4		





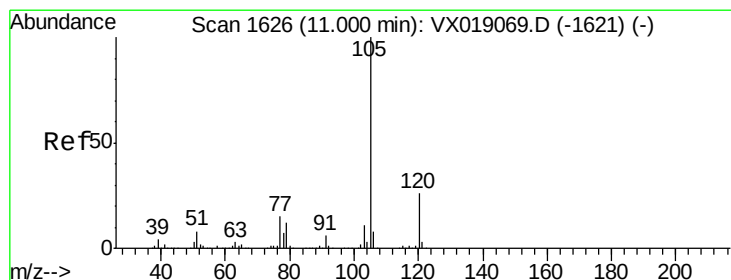
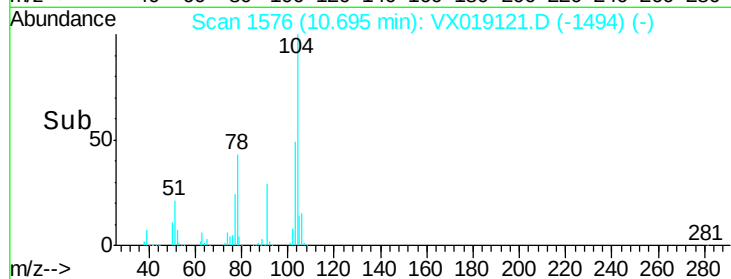
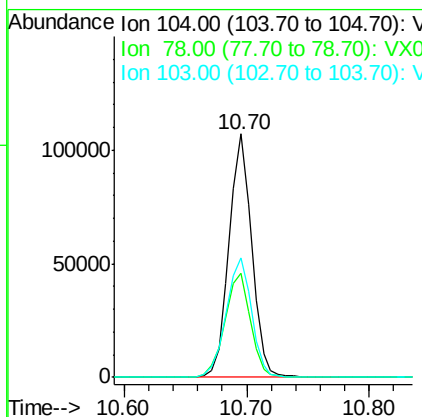
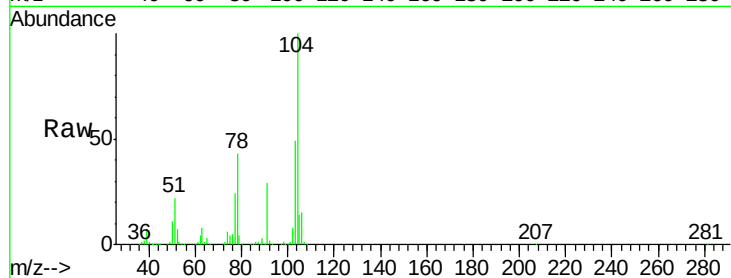
#69
Stvrene
Concen: 18.093 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.6	58.0
103	54.8	43.4	65.2

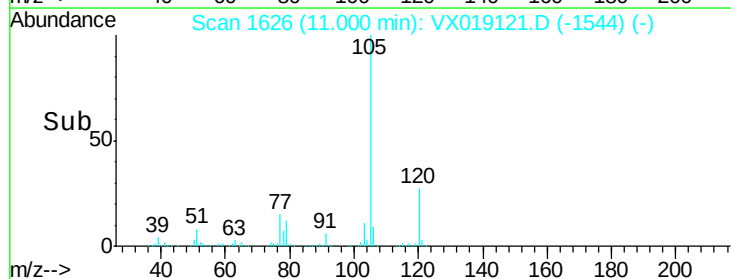
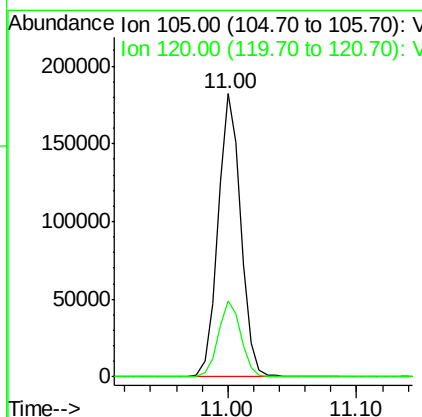
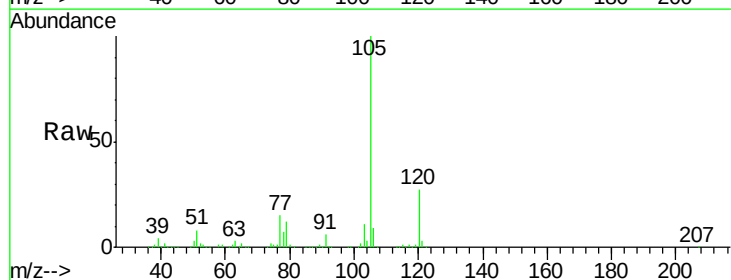
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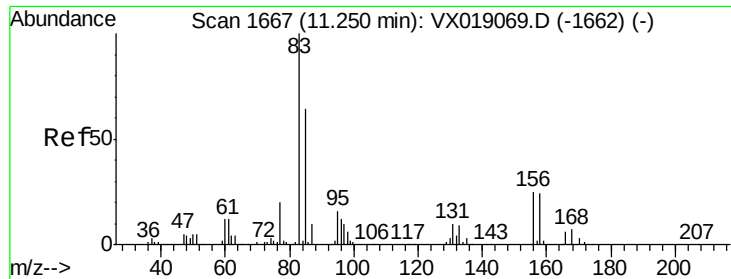
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#70
Isopropylbenzene
Concen: 18.713 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	19.0	35.4





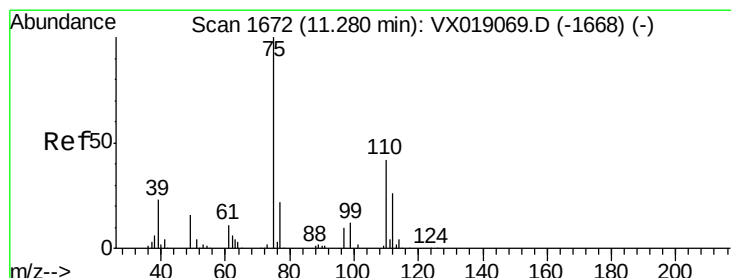
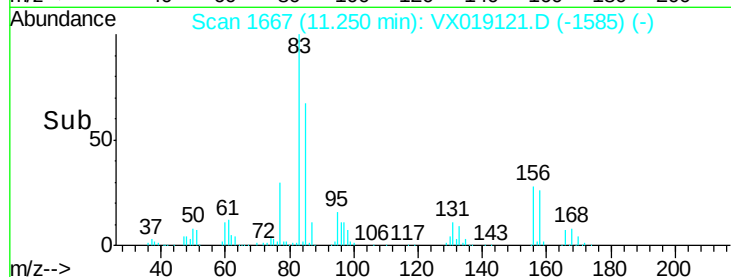
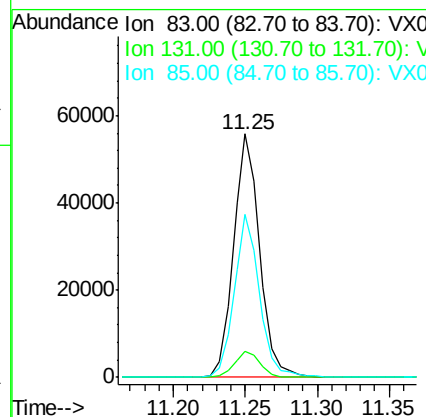
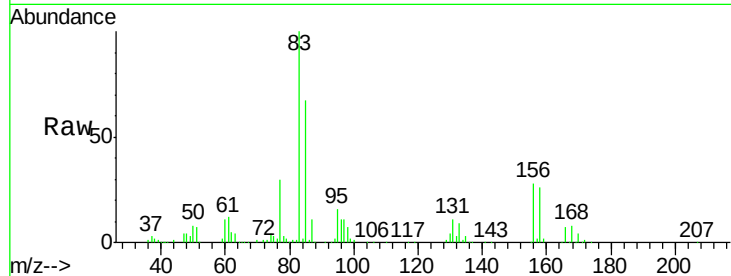
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.332 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	83	Resp	71044
Ion Ratio	100	Lower	Upper
83	100		
131	10.3	5.2	15.6
85	64.6	32.5	97.4

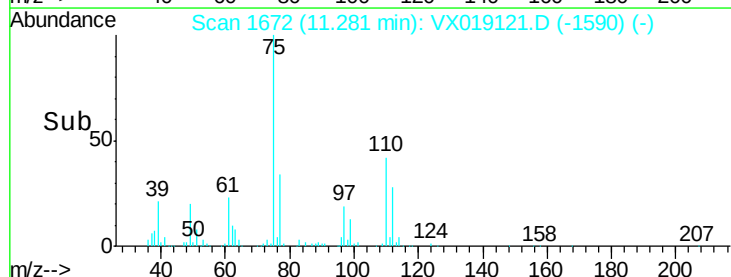
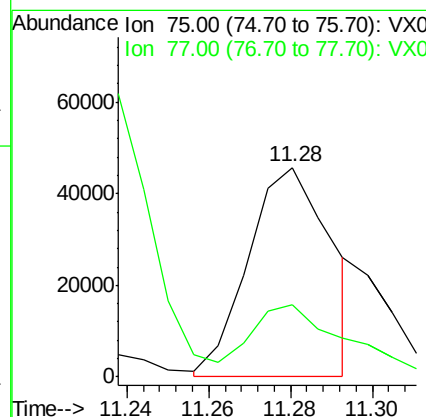
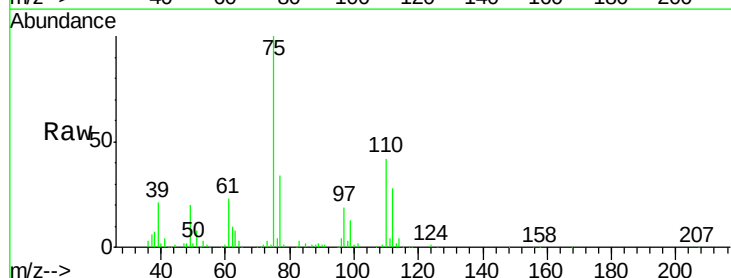
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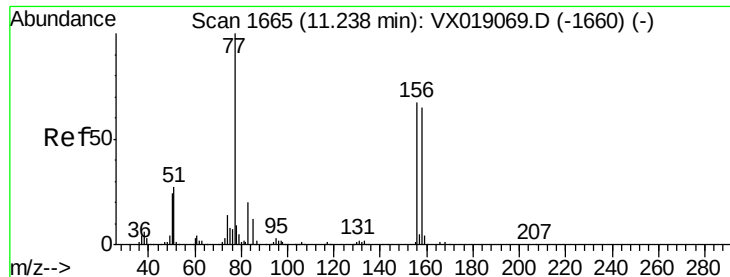
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 10/27/2020 6:55:19 PM



#72
 1,2,3-Trichloropropane
 Concen: 20.572 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion	75	Resp	64642
Ion Ratio	100	Lower	Upper
75	100		
77	39.6	0.0	81.8





#73

Bromobenzene

Concen: 18.318 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

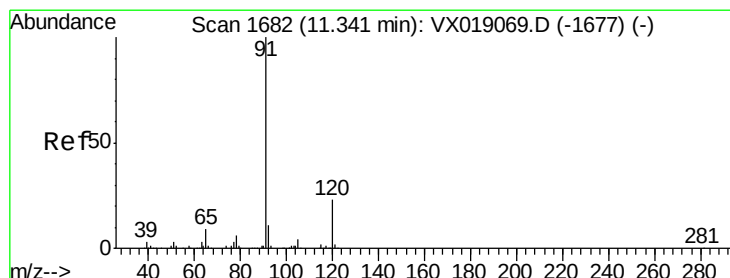
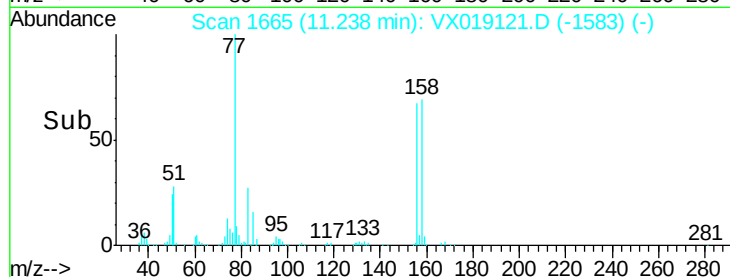
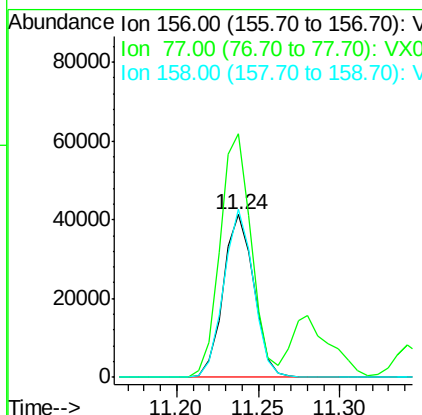
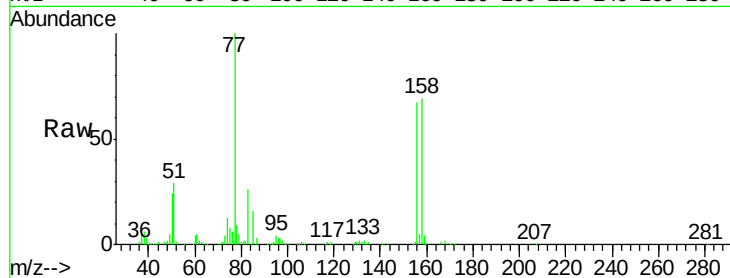
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	54185
Ion Ratio	Lower	Upper	
156	100		
77	153.0	0.0	299.6
158	100.0	0.0	192.2

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#74

n-propylbenzene

Concen: 18.684 ug/l

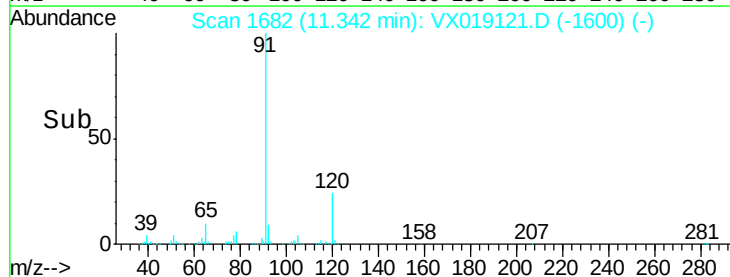
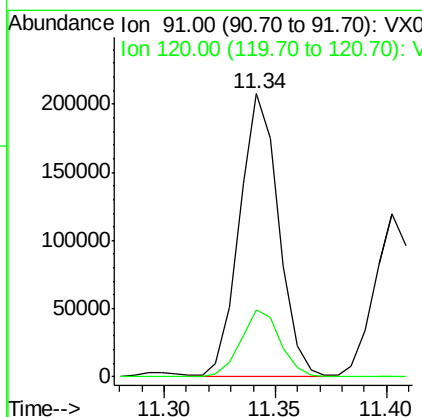
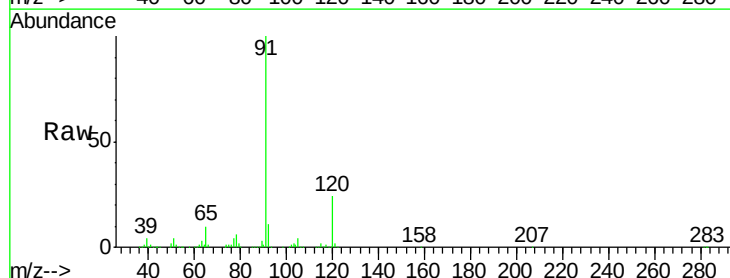
RT: 11.34 min Scan# 1682

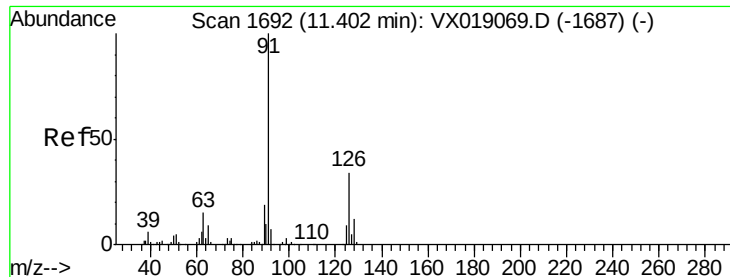
Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Tgt Ion:	91	Resp:	256065
Ion Ratio	Lower	Upper	
91	100		
120	23.7	0.0	46.6





#75

2-Chlorotoluene

Concen: 19.238 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 149134

Ion Ratio Lower Upper

91 100

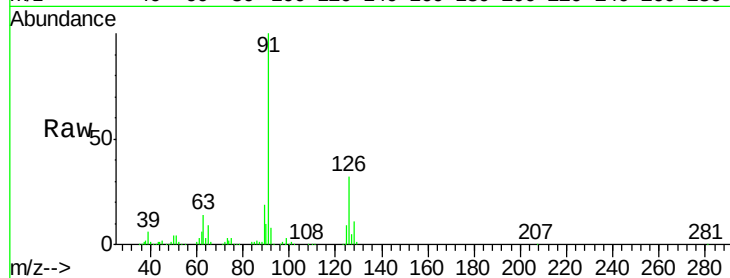
126 34.4 0.0 69.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019069.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX019069.D (-1687) (-)

200000

150000

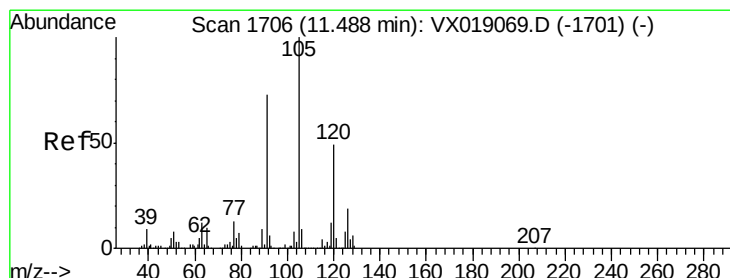
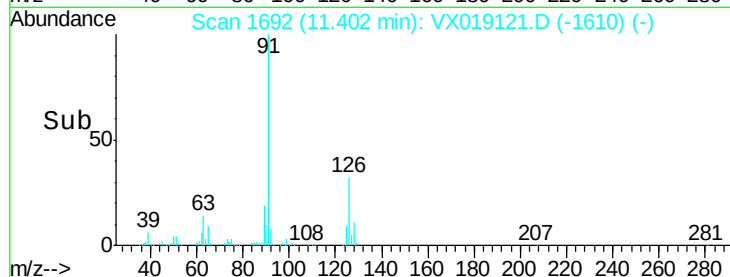
100000

50000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.834 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019121.D

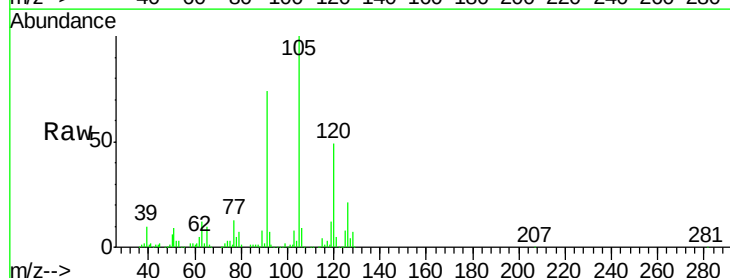
Acq: 26 Oct 2020 16:01

Tgt Ion: 105 Resp: 184980

Ion Ratio Lower Upper

105 100

120 49.3 0.0 100.2



Abundance Ion 105.00 (104.70 to 105.70): VX019069.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX019069.D (-1701) (-)

150000

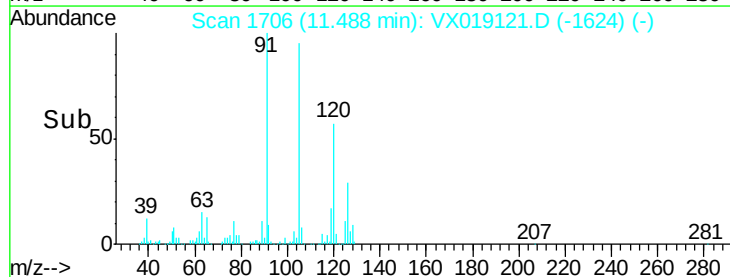
100000

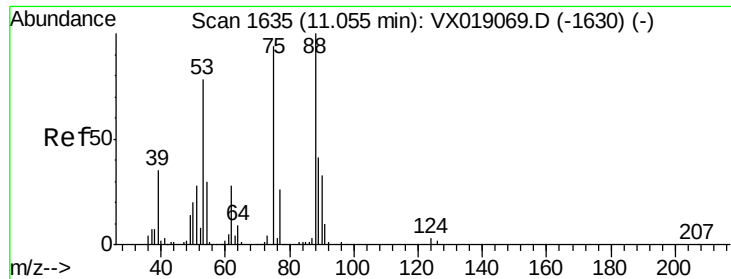
50000

0

11.45 11.50 11.55

Time-->





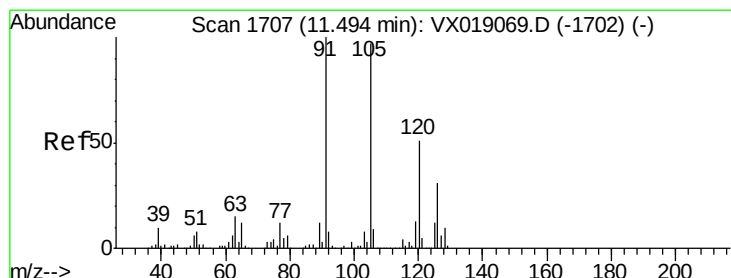
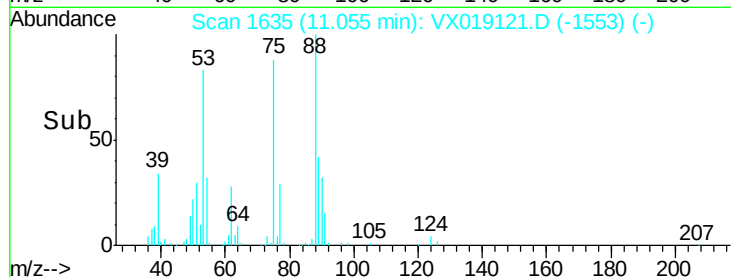
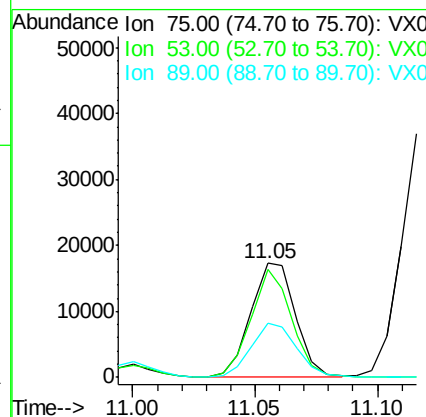
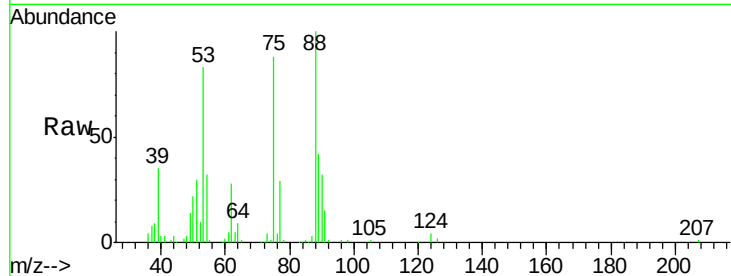
#77
t-1,4-Dichloro-2-butene
Concen: 17.773 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.2	41.6	124.8
89	47.0	21.8	65.3

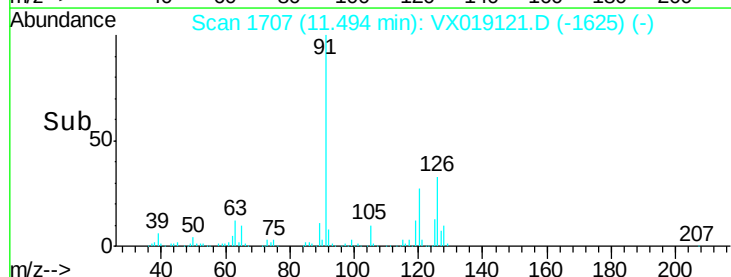
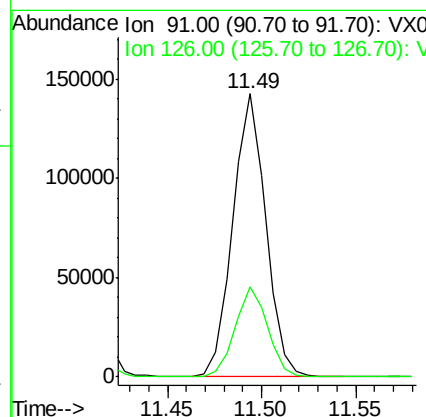
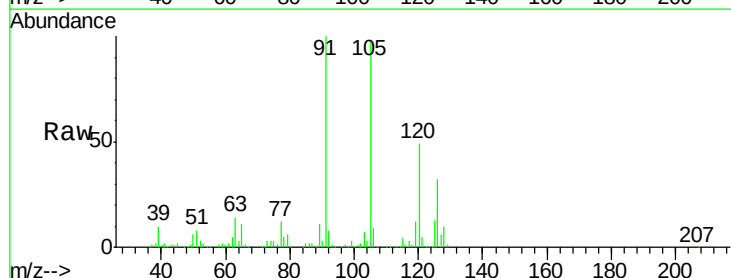
Manual Integrations
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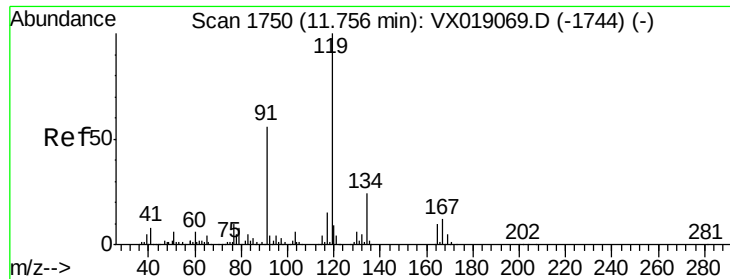
MMDadoda
10/27/2020 6:55:19 PM



#78
4-Chlorotoluene
Concen: 19.067 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	0.0	61.2





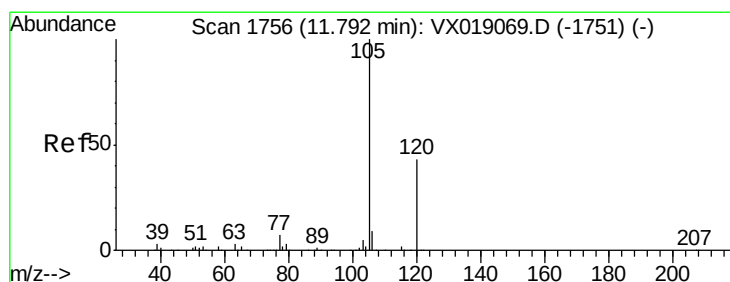
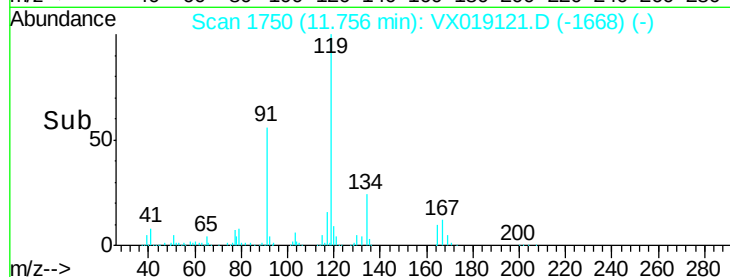
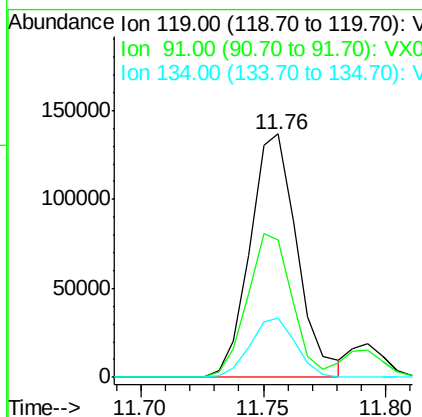
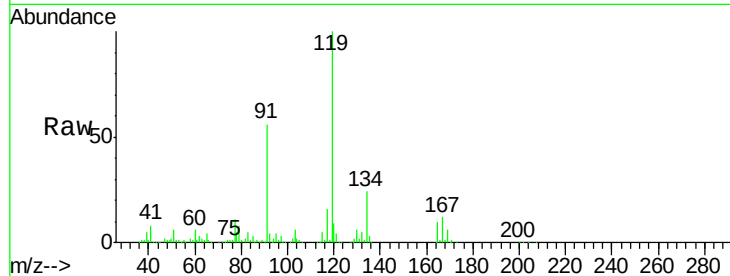
#79
tert-butylbenzene
Concen: 19.042 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	184161		
91	56.1	0.0	111.4	
134	23.6	0.0	47.2	

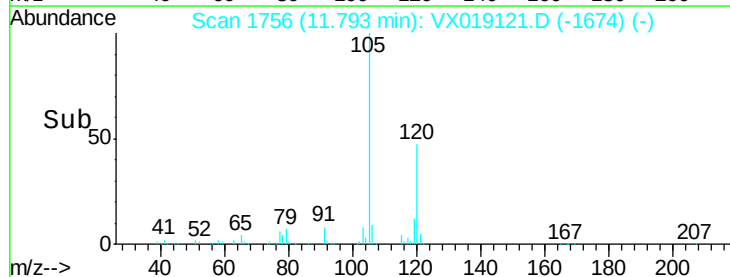
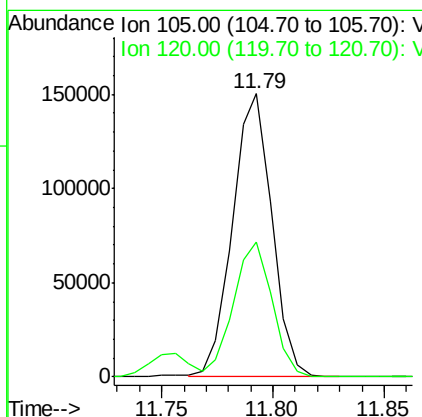
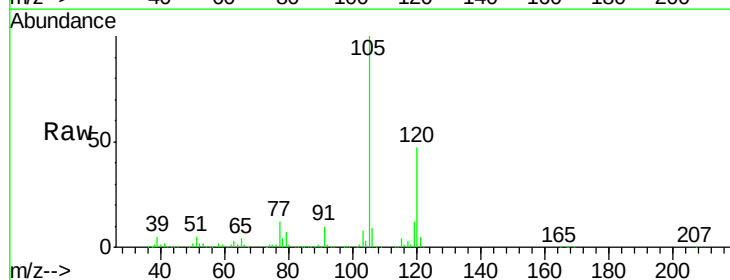
Manual Integrations
APPROVED

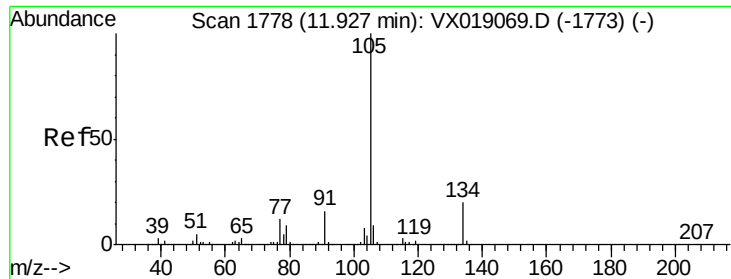
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#80
1,2,4-Trimethylbenzene
Concen: 18.942 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	184936		
120	46.9	0.0	92.0	





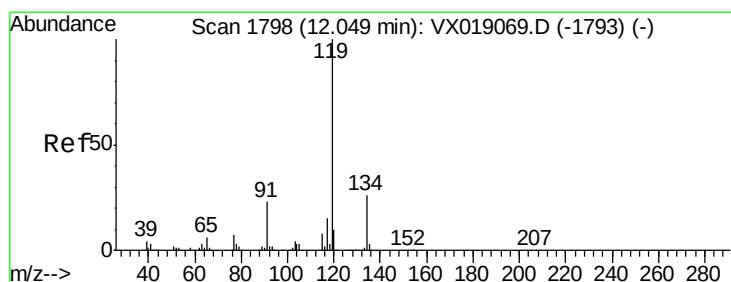
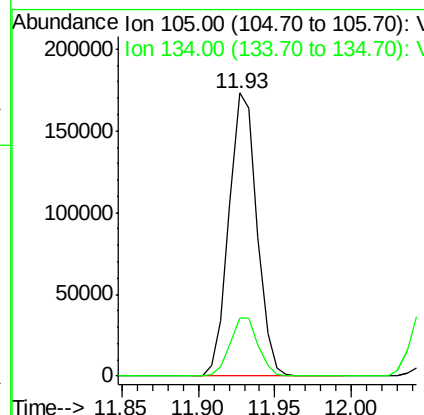
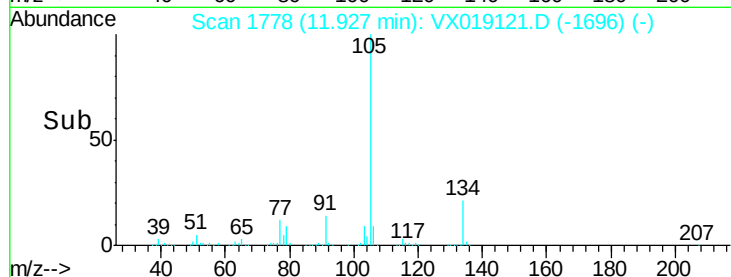
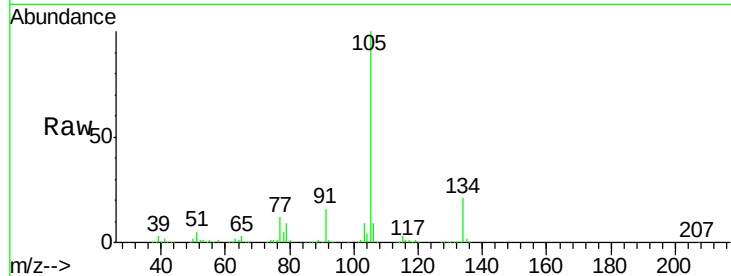
#81
 sec-Butylbenzene
 Concen: 19.199 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	219711		
134	20.7	0.0	40.8	

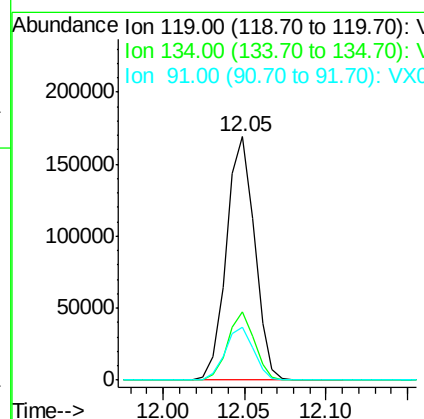
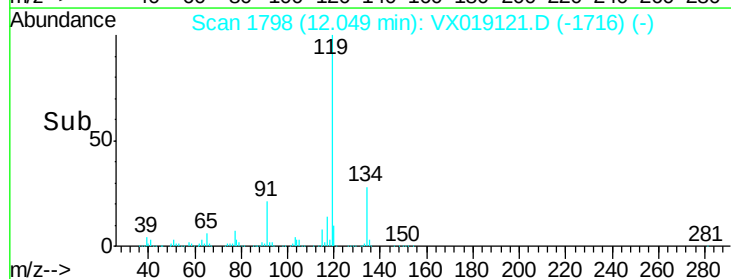
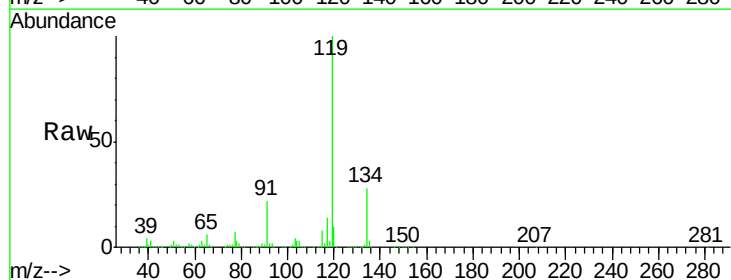
Manual Integrations
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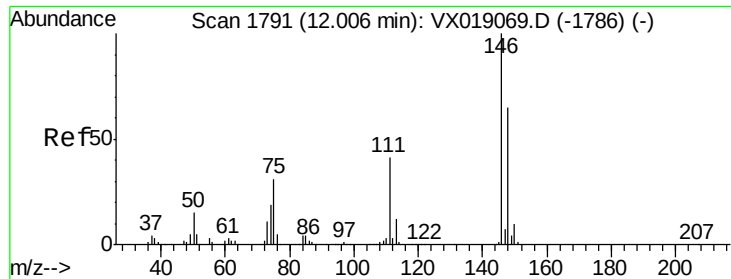
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#82
 p-Isopropyltoluene
 Concen: 19.292 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	203471		
134	26.4	0.0	52.0	
91	21.9	0.0	45.6	





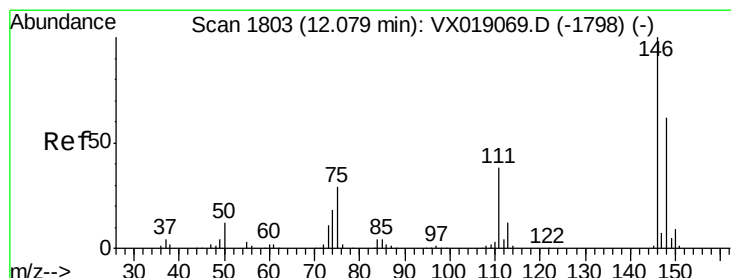
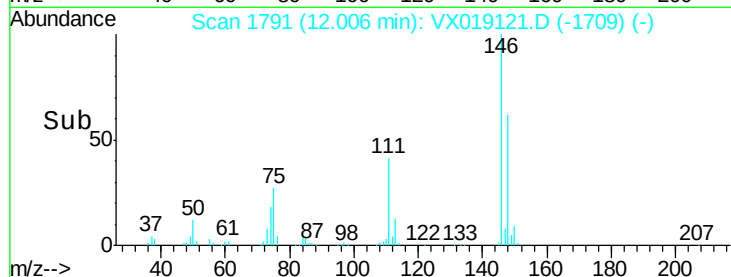
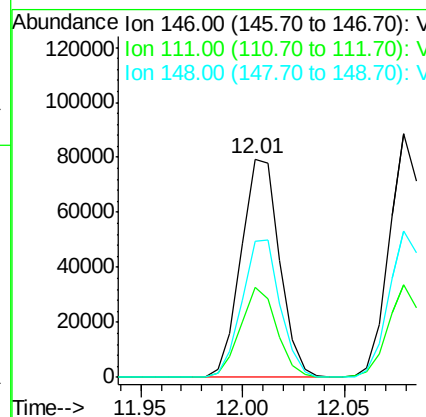
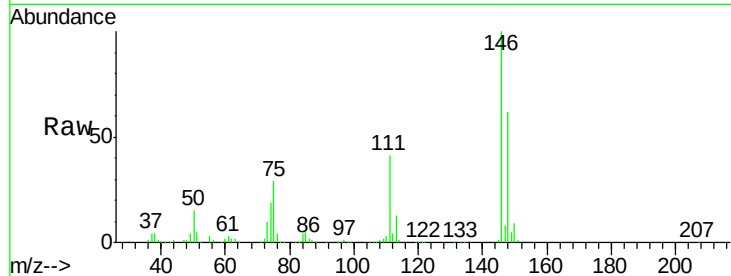
#83
 1,3-Dichlorobenzene
 Concen: 19.677 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.0	59.9
148	62.5	32.2	96.6

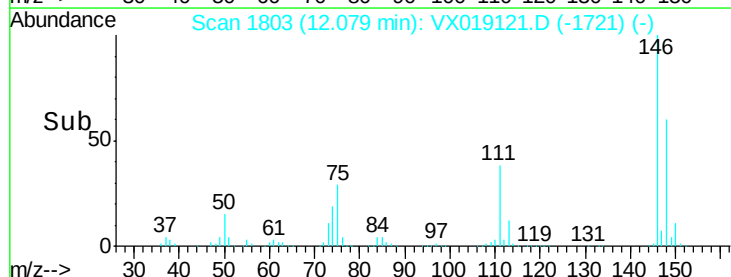
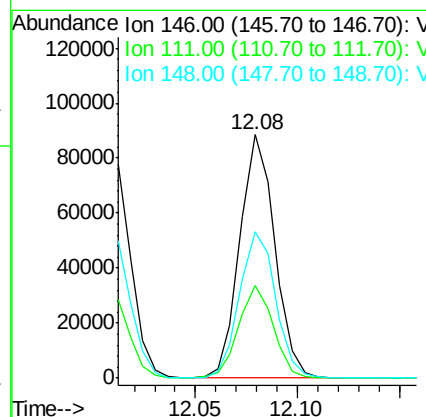
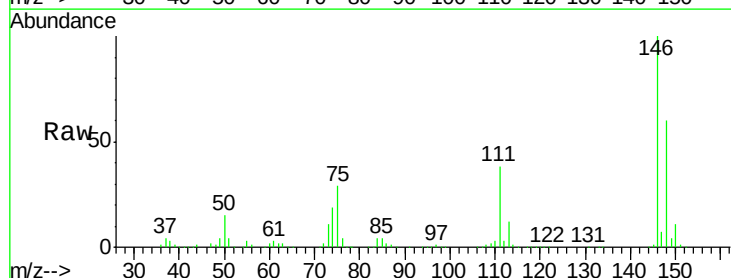
Manual Integrations
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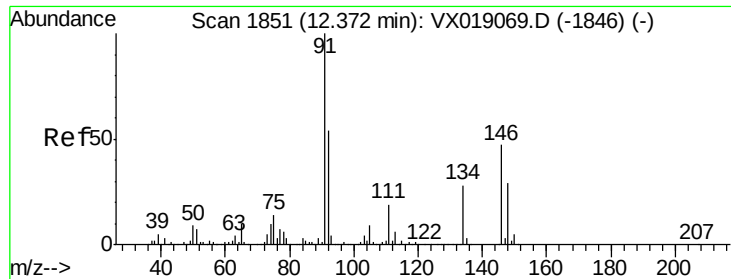
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#84
 1,4-Dichlorobenzene
 Concen: 19.693 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.7
148	61.8	31.6	95.0





#85

n-Butylbenzene

Concen: 19.341 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 182642

Ion Ratio Lower Upper

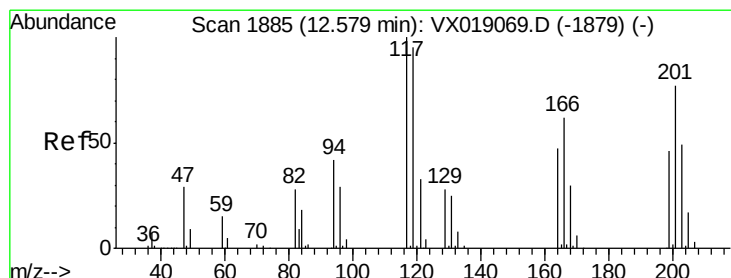
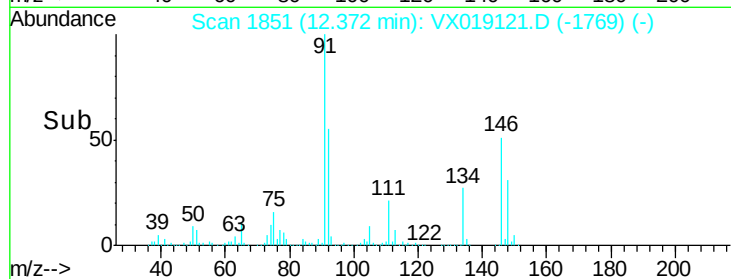
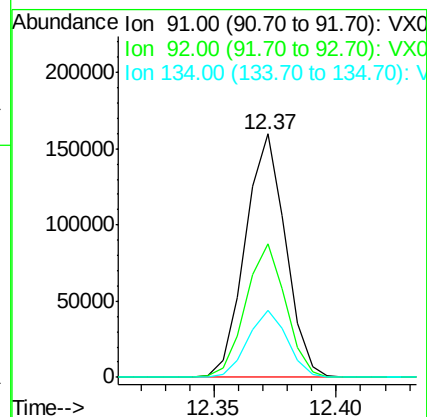
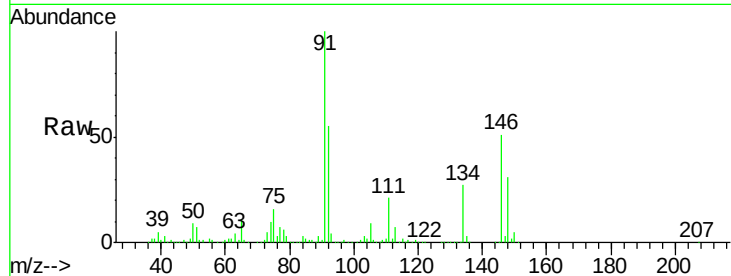
91 100

92 54.3 0.0 107.4

134 27.1 0.0 54.6

Manual Integrations
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#86

Hexachloroethane

Concen: 18.256 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019121.D

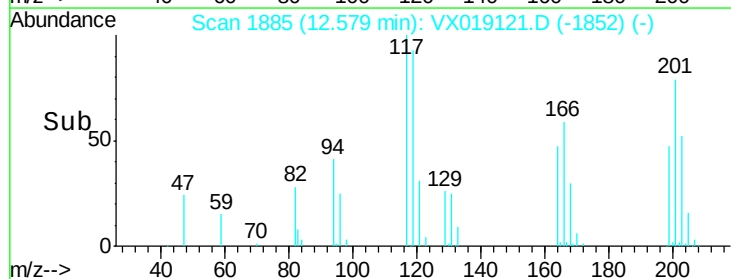
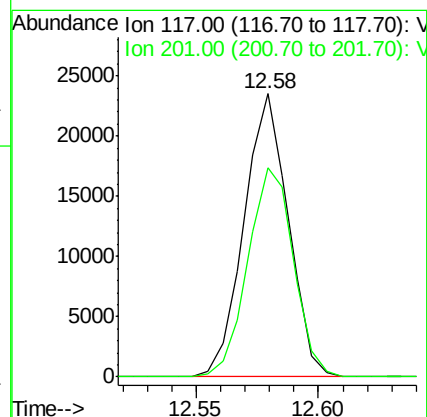
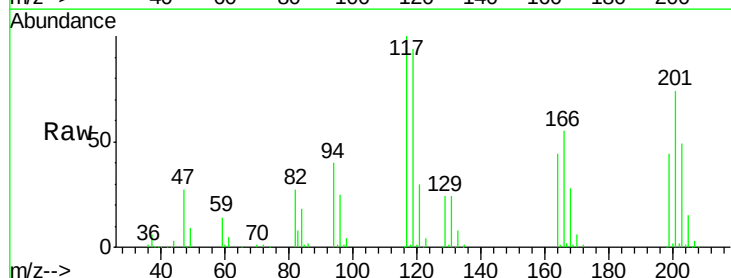
Acq: 26 Oct 2020 16:01

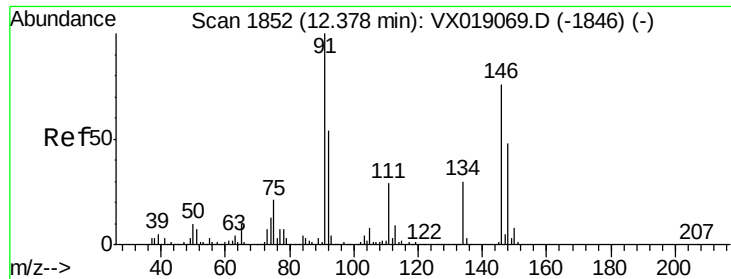
Tgt Ion: 117 Resp: 29573

Ion Ratio Lower Upper

117 100

201 76.5 38.4 115.1





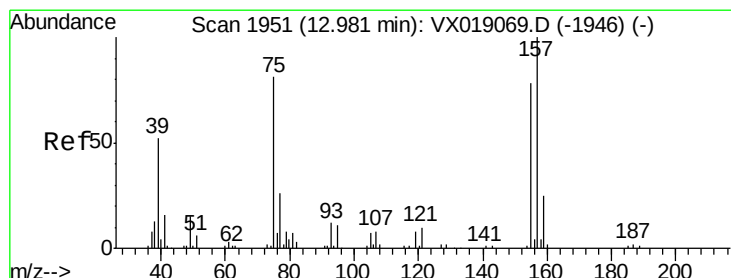
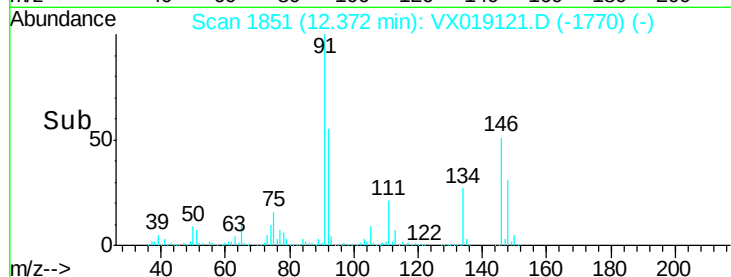
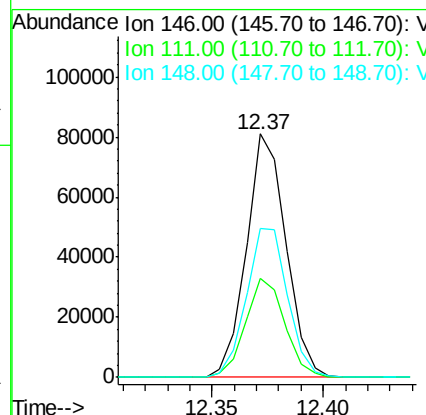
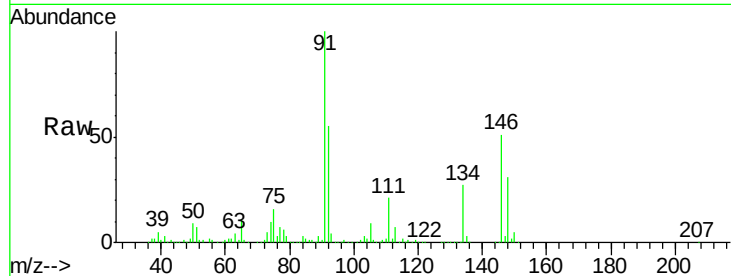
#87
 1,2-Dichlorobenzene
 Concen: 19.878 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	61.0
148	64.2	32.1	96.5

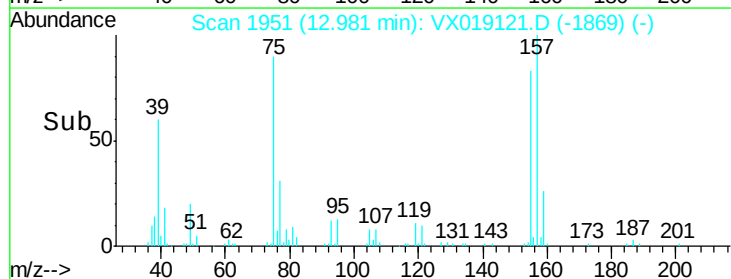
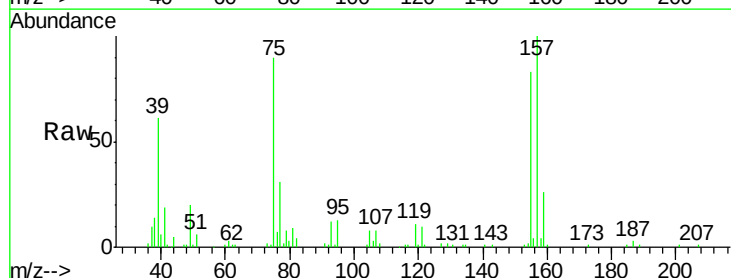
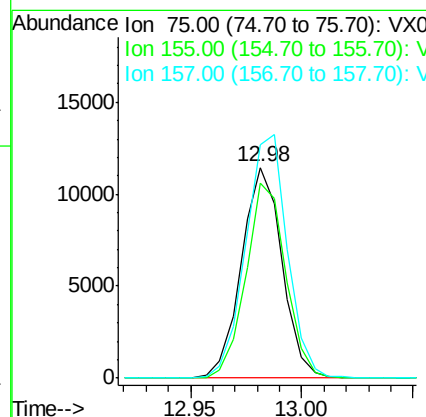
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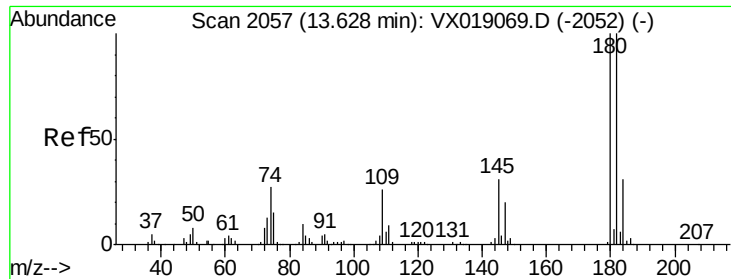
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.418 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.8	73.7	110.5
157	118.7	96.5	144.7





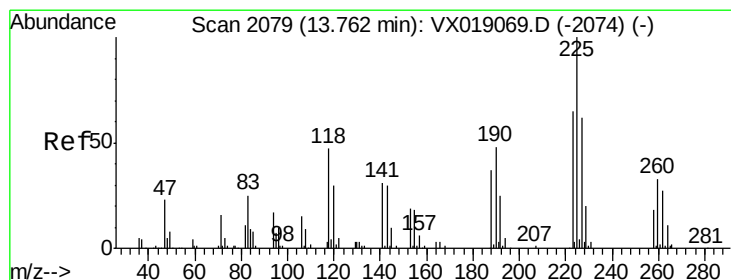
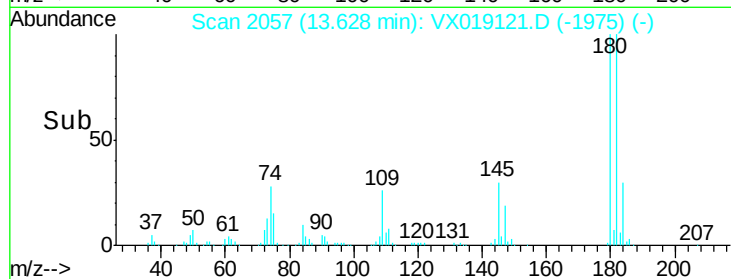
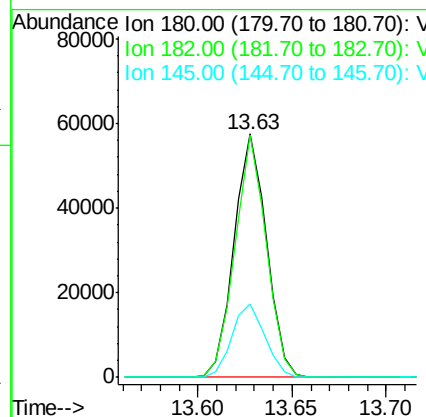
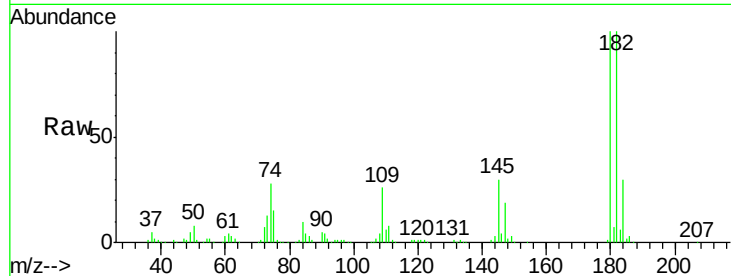
#89
 1,2,4-Trichlorobenzene
 Concen: 18.971 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	69099		
182	95.6	76.5	114.7	
145	30.8	24.2	36.4	

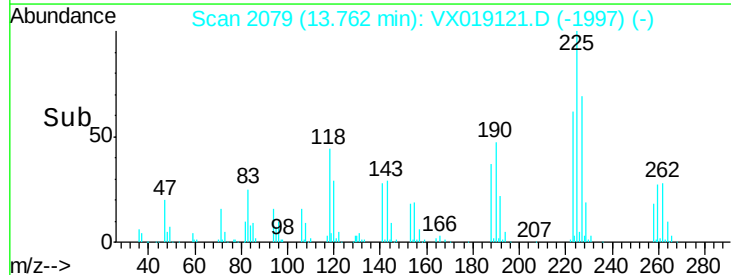
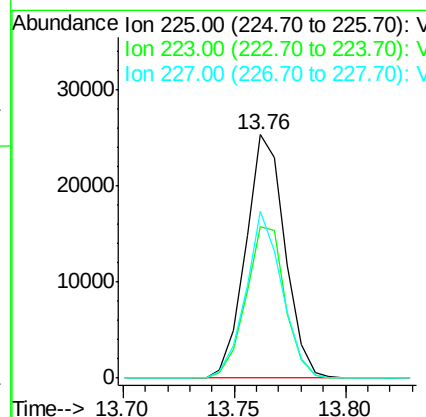
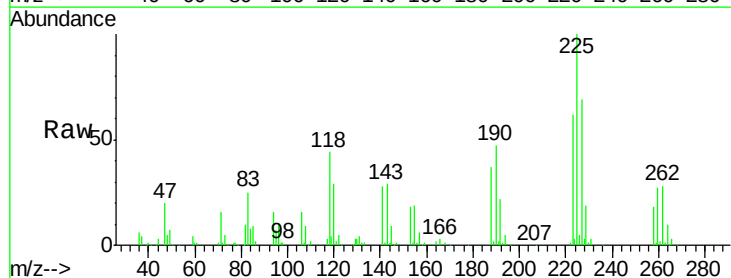
Manual Integrations
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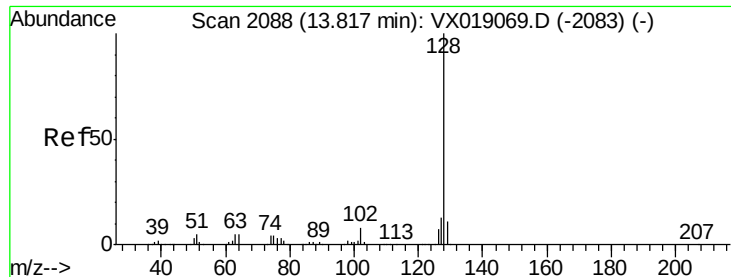
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#90
 Hexachlorobutadiene
 Concen: 20.112 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31061		
223	61.9	0.0	130.0	
227	62.8	0.0	128.6	





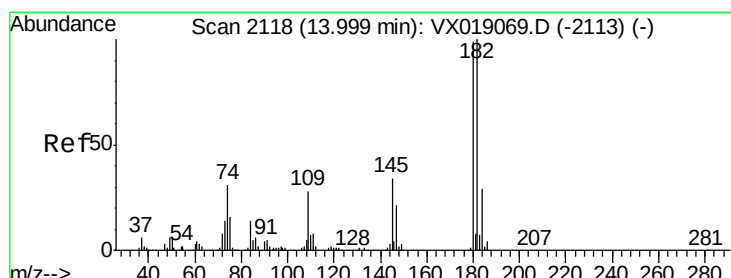
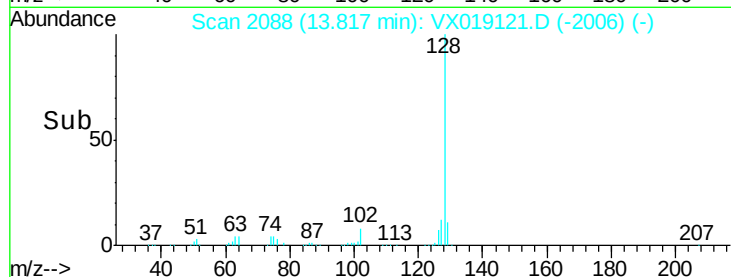
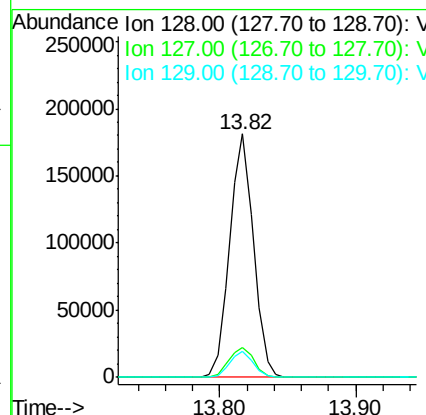
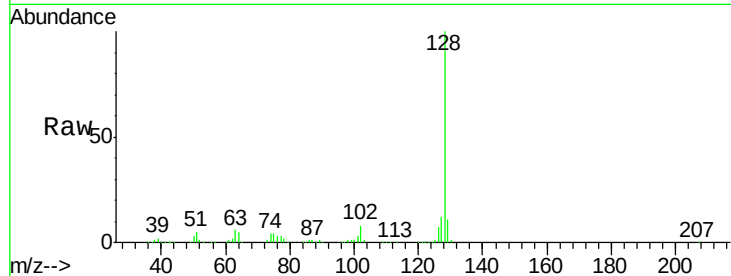
#91
Naphthalene
Concen: 18.442 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		219901		
127	12.9	10.6	16.0		
129	10.7	8.9	13.3		

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 19.555 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		68518		
182	93.2	0.0	192.4		
145	31.6	0.0	64.6		

