

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019046.D
 Acq On : 22 Oct 2020 23:28
 Operator : JC/SP
 Sample : VX1022WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

Manual Integrations
 APPROVED

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 10/23/2020 1:20:10 PM

Quant Time: Oct 23 08:47:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	223868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	382868	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	357434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	179023	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	138595	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	5.46	113	118479	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	8.70	98	457791	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.12	95	162029	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	44539	19.973	ug/l	98
3) Chloromethane	1.31	50	41614	18.769	ug/l	99
4) Vinyl Chloride	1.39	62	51734	19.775	ug/l	100
5) Bromomethane	1.64	94	52052	18.287	ug/l	99
6) Chloroethane	1.72	64	35029	17.507	ug/l	99
7) Trichlorofluoromethane	1.92	101	85324	19.300	ug/l	99
8) Diethyl Ether	2.17	74	33218	19.189	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	40791	19.476	ug/l	97
10) Methyl Iodide	2.49	142	39705	16.931	ug/l	100
11) Tert butyl alcohol	3.03	59	53866	99.181	ug/l	99
12) 1,1-Dichloroethene	2.36	96	41403	19.001	ug/l	96
13) Acrolein	2.28	56	18599	99.492	ug/l	97
14) Allyl chloride	2.71	41	51684	18.335	ug/l	99
15) Acrylonitrile	3.12	53	101311	96.465	ug/l	99
16) Acetone	2.42	43	86121	94.289	ug/l	99
17) Carbon Disulfide	2.55	76	112620	17.921	ug/l	98
18) Methyl Acetate	2.75	43	45402	20.032	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	134227	19.447	ug/l	98
20) Methylene Chloride	2.84	84	48623	19.122	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	48711	19.158	ug/l	99
22) Diisopropyl ether	3.82	45	107859	19.404	ug/l	98
23) Vinyl Acetate	3.78	43	507308	96.117	ug/l	98
24) 1,1-Dichloroethane	3.67	63	79178	19.560	ug/l	98
25) 2-Butanone	4.64	43	138346	95.860	ug/l	100
26) 2,2-Dichloropropane	4.55	77	61304	16.402	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	55467	19.222	ug/l	98
28) Bromochloromethane	4.98	49	33374	19.416	ug/l	100
29) Tetrahydrofuran	5.09	42	80386	93.190	ug/l	99
30) Chloroform	5.18	83	85957	19.559	ug/l	96
31) Cyclohexane	5.55	56	60004	19.108	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	77509	19.446	ug/l	99
36) 1,1-Dichloropropene	5.78	75	64319	18.722	ug/l	98
37) Ethyl Acetate	4.79	43	55719	19.002	ug/l	99
38) Carbon Tetrachloride	5.76	117	65127	18.061	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	69384	18.027	ug/l	99
40) Benzene	6.11	78	191289	18.906	ug/l	99
41) Methacrylonitrile	5.00	41	29775	18.904	ug/l	99
42) 1,2-Dichloroethane	6.17	62	67444	19.532	ug/l	100
43) Isopropyl Acetate	6.41	43	91618	18.449	ug/l	100
44) Trichloroethene	7.19	130	54782	18.566	ug/l	96
45) 1,2-Dichloropropane	7.49	63	46192	19.033	ug/l	97
46) Dibromomethane	7.64	93	34371	18.594	ug/l	99
47) Bromodichloromethane	7.88	83	67890	18.732	ug/l	98
48) Methyl methacrylate	7.74	41	44707	18.271	ug/l	99
49) 1,4-Dioxane	7.74	88	20952	378.974	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	278794	95.273	ug/l	100
52) Toluene	8.76	92	126149	18.877	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	72637	17.747	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	78392	18.138	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	50980	18.713	ug/l	99
56) Ethyl methacrylate	9.16	69	72858	18.589	ug/l	99
57) 1,3-Dichloropropane	9.35	76	82797	19.148	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	194379	94.409	ug/l	99
59) 2-Hexanone	9.47	43	212064	97.246	ug/l	99
60) Dibromochloromethane	9.57	129	54614	18.393	ug/l	99
61) 1,2-Dibromoethane	9.65	107	53208	18.254	ug/l	99
64) Tetrachloroethene	9.32	164	47801	17.565	ug/l	95
65) Chlorobenzene	10.12	112	137600	18.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	49858	18.704	ug/l	99
67) Ethyl Benzene	10.24	91	239689	18.546	ug/l	100
68) m/p-Xylenes	10.34	106	183370	37.040	ug/l	99
69) o-Xylene	10.68	106	86702	18.299	ug/l	99
70) Styrene	10.70	104	145617	18.102	ug/l	99
71) Bromoform	10.84	173	38063	17.689	ug/l #	98
73) Isopropylbenzene	11.00	105	235797	18.309	ug/l	99
74) N-amyl acetate	10.88	43	75078	18.195	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	74929	19.313	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	68199m	19.060	ug/l	
77) Bromobenzene	11.24	156	58514	17.991	ug/l	98
78) n-propylbenzene	11.34	91	265810	18.215	ug/l	99
79) 2-Chlorotoluene	11.40	91	155696	18.289	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	194466	18.286	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	22436	15.975	ug/l	97
82) 4-Chlorotoluene	11.49	91	183865	18.151	ug/l	99
83) tert-Butylbenzene	11.76	119	189069	18.047	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	194122	18.229	ug/l	100
85) sec-Butylbenzene	11.93	105	230709	18.198	ug/l	99
86) p-Isopropyltoluene	12.05	119	209131	18.054	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	106892	17.916	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	109045	17.809	ug/l	99
89) n-Butylbenzene	12.37	91	184870	17.435	ug/l	100
90) Hexachloroethane	12.58	117	31646	17.845	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	104183	18.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15666	17.733	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

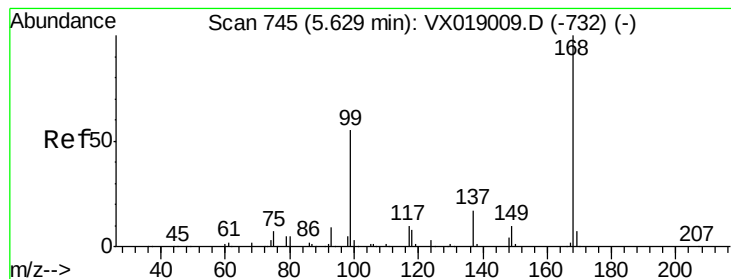
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	69074	16.972	ug/l	98
94) Hexachlorobutadiene	13.76	225	30009	15.905	ug/l	95
95) Naphthalene	13.82	128	231811	18.103	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	68976	17.412	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

Tot Ion:168 Resp: 223868

Ion Ratio Lower Upper

168 100

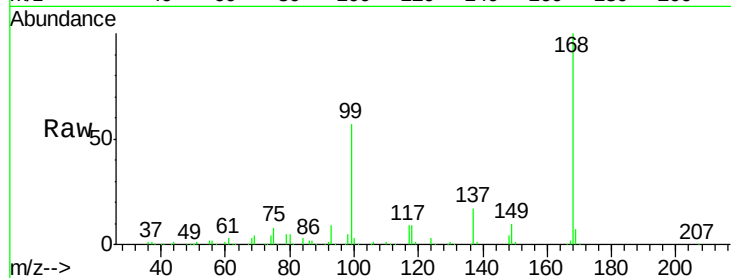
99 57.4 44.2 66.2

Manual Integrations

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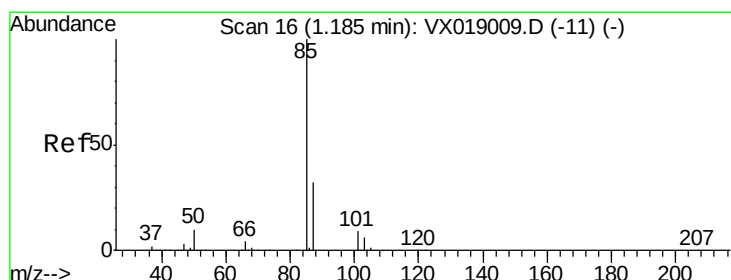
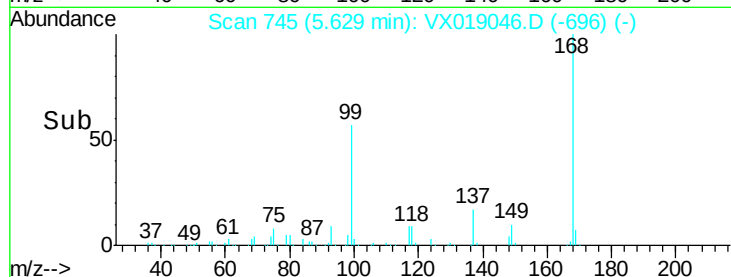
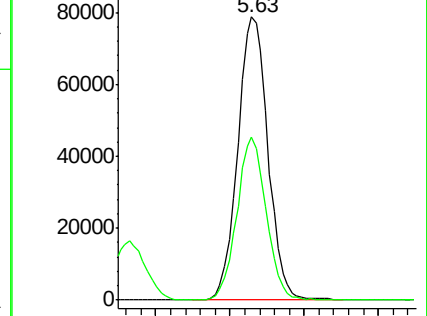
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.973 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019046.D

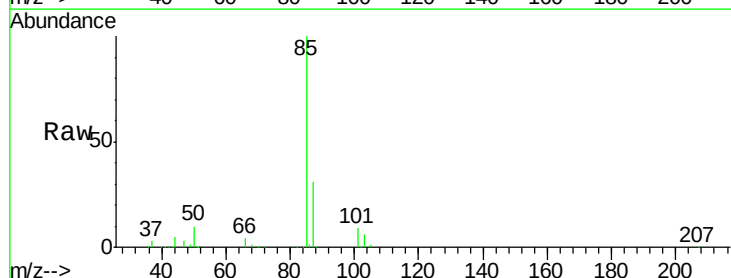
Acq: 22 Oct 2020 23:28

Tgt Ion: 85 Resp: 44539

Ion Ratio Lower Upper

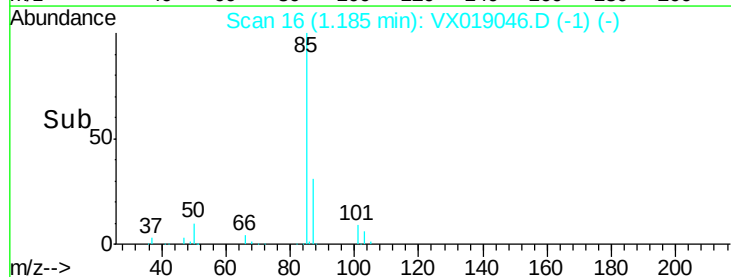
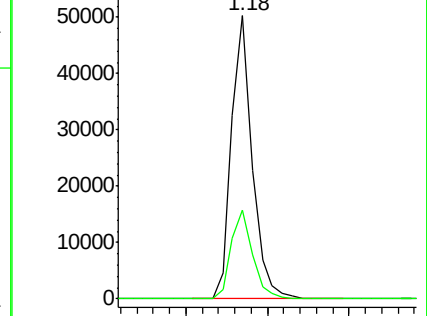
85 100

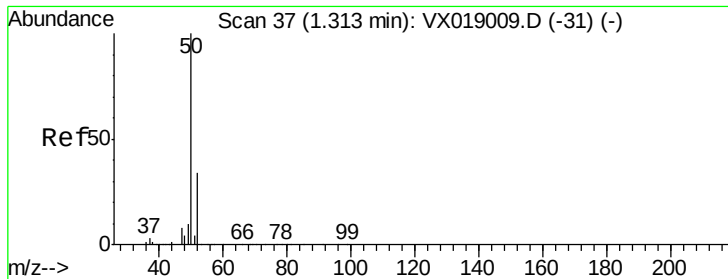
87 31.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.769 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

Tot Ion: 50 Resp: 41614

Ion Ratio Lower Upper

50 100

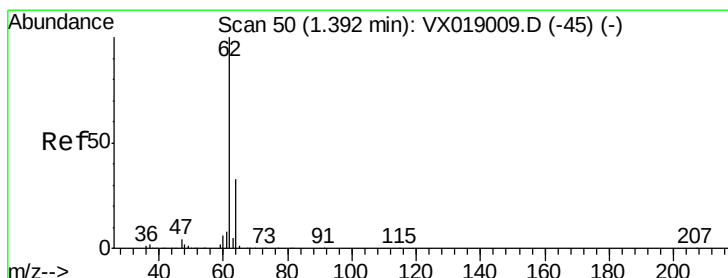
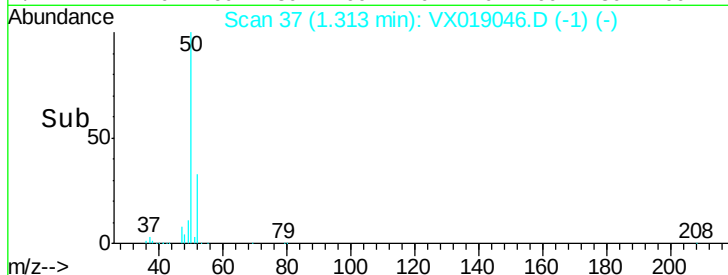
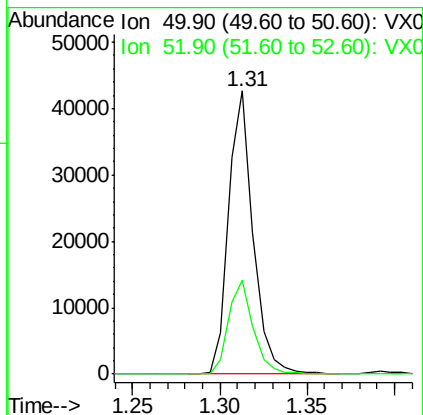
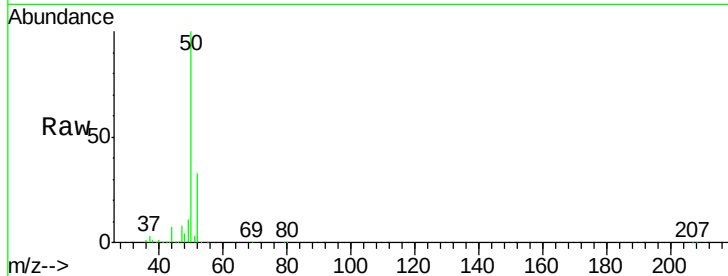
52 33.2 27.0 40.6

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#4

Vinyl Chloride

Concen: 19.775 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019046.D

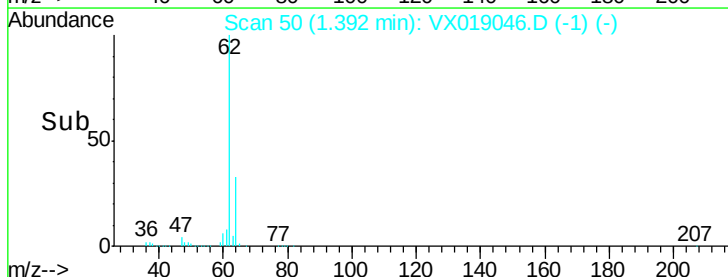
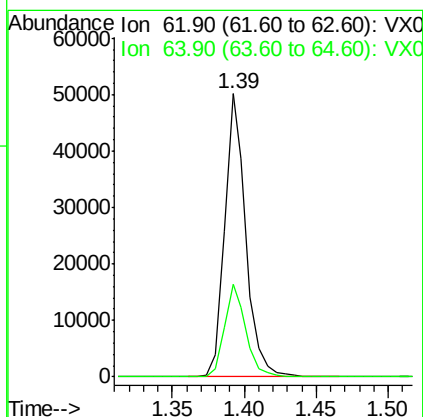
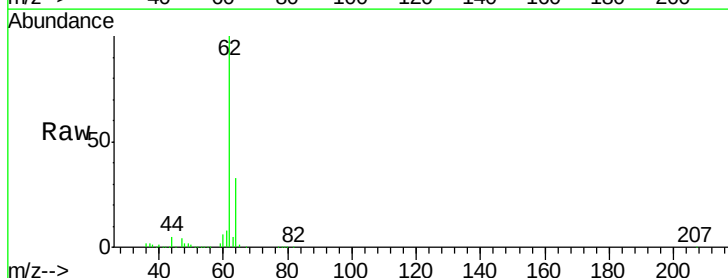
Acq: 22 Oct 2020 23:28

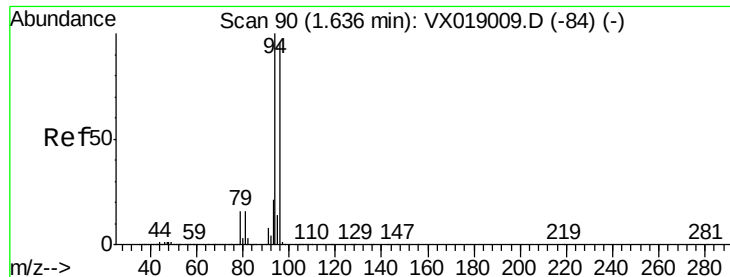
Tgt Ion: 62 Resp: 51734

Ion Ratio Lower Upper

62 100

64 33.0 26.5 39.7





#5

Bromomethane

Concen: 18.287 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

Tot Ion: 94 Resp: 52052

Ion Ratio Lower Upper

94 100

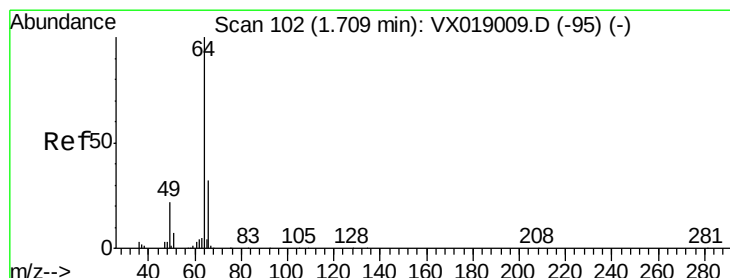
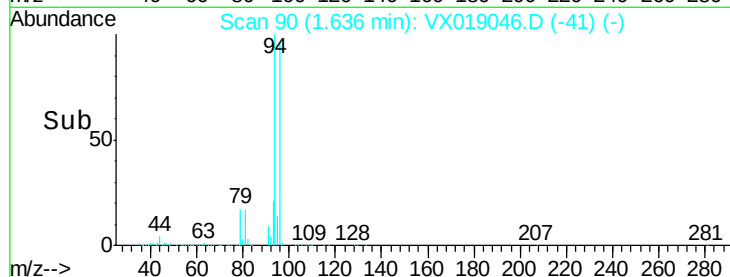
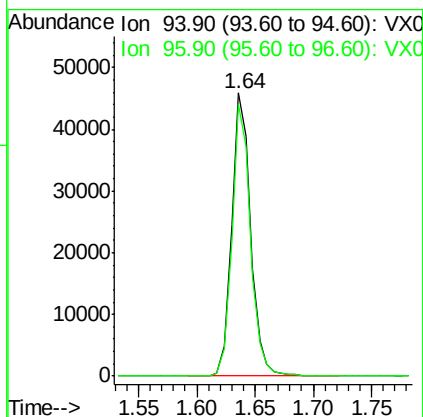
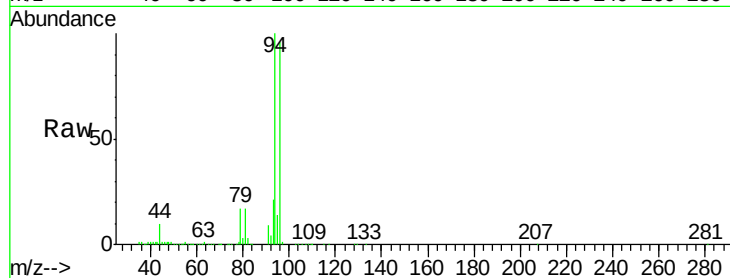
96 95.8 77.1 115.7

Manual Integrations

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#6

Chloroethane

Concen: 17.507 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019046.D

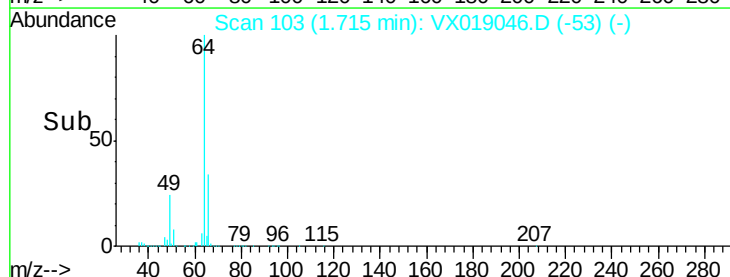
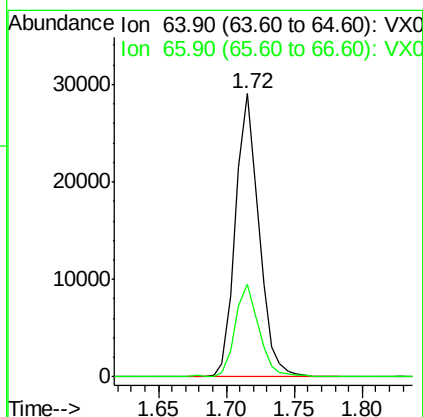
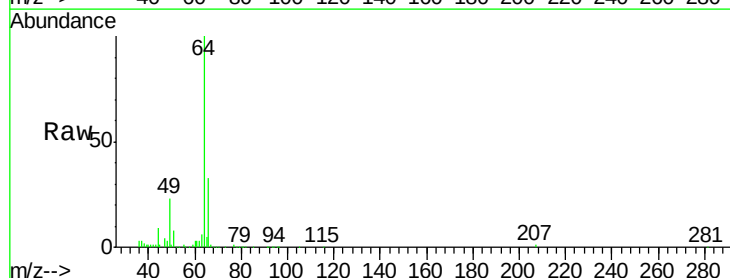
Acq: 22 Oct 2020 23:28

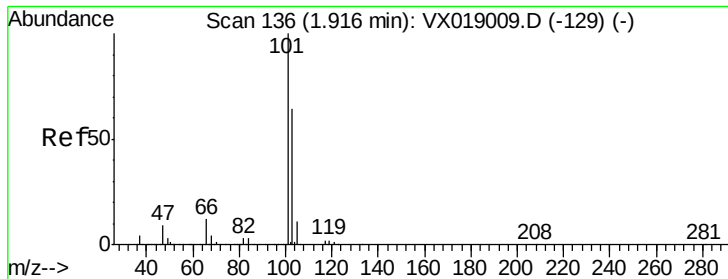
Tgt Ion: 64 Resp: 35029

Ion Ratio Lower Upper

64 100

66 32.7 25.7 38.5





#7

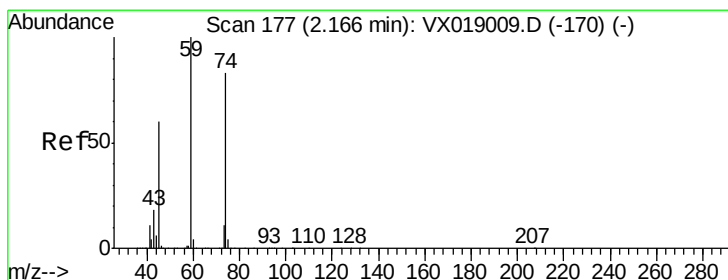
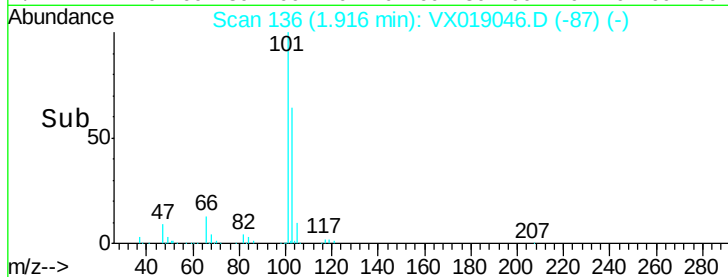
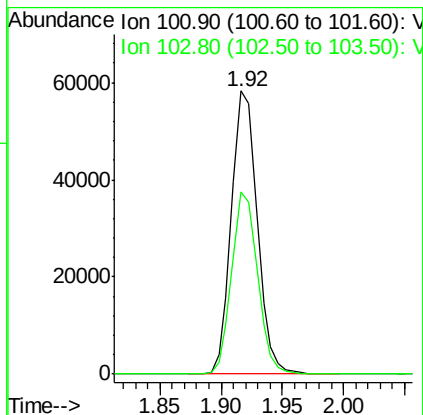
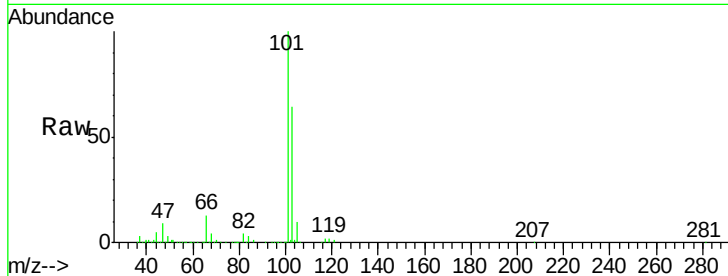
Trichlorofluoromethane
Concen: 19.300 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

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ClientSampleId :
VX1022WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.2	76.8

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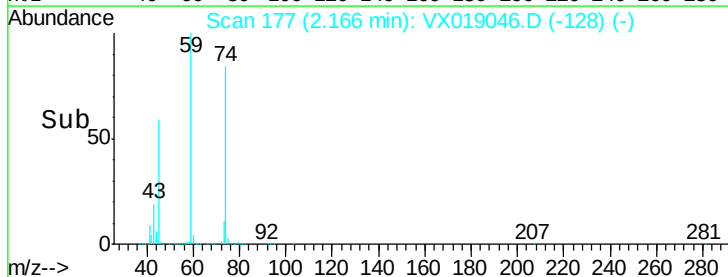
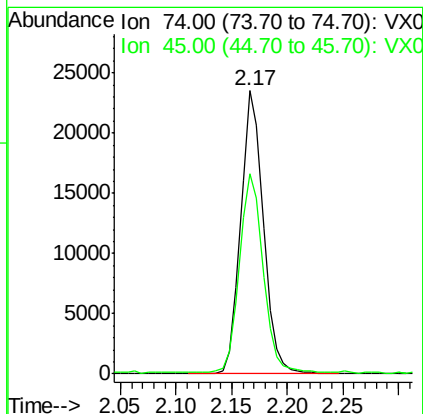
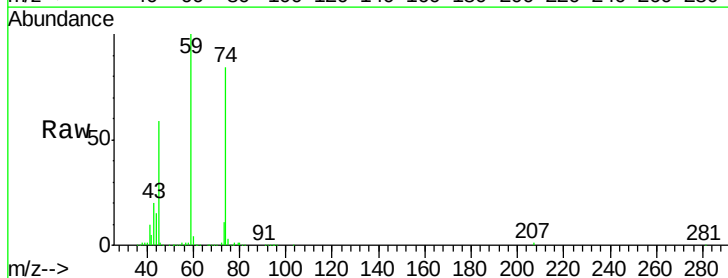
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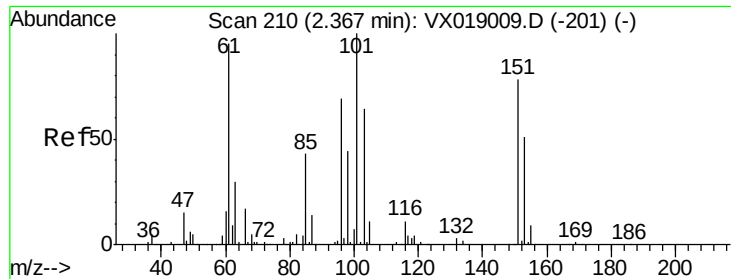


#8

Diethyl Ether
Concen: 19.189 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	73.1	36.8	110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.476 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

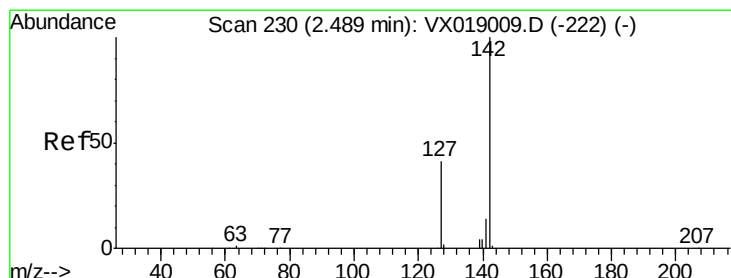
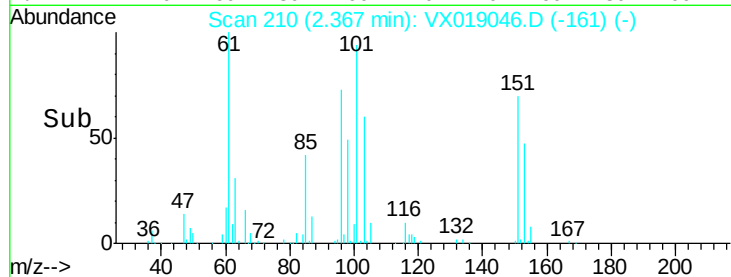
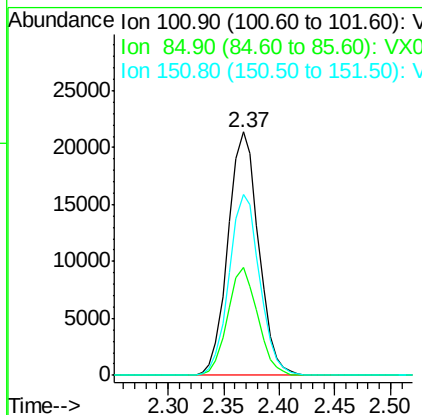
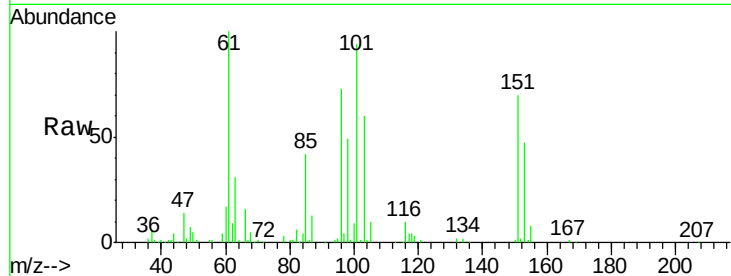
ClientSampleId :

VX1022WBSD02

Tot Ion:	101	Resp:	40791
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.2	52.8
151	74.3	62.4	93.6

Manual Integrations
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#10

Methyl Iodide

Concen: 16.931 ug/l

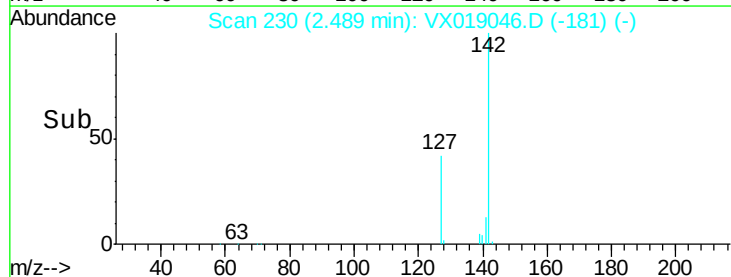
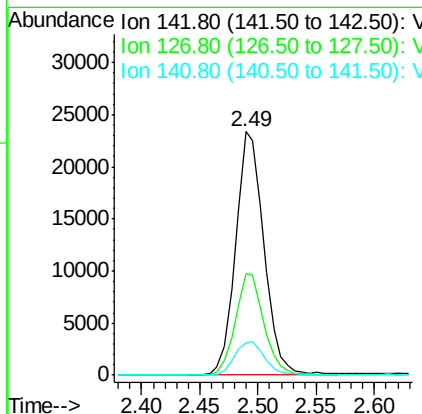
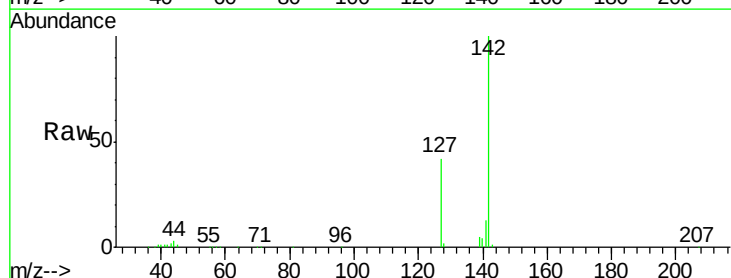
RT: 2.49 min Scan# 230

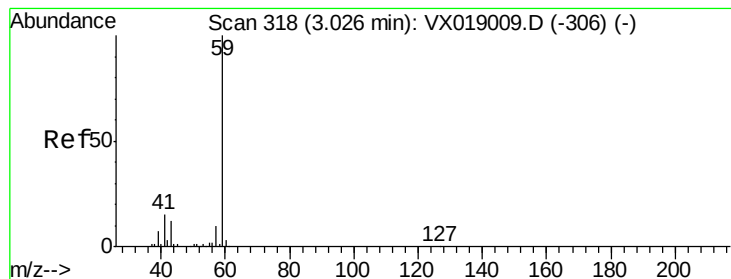
Delta R.T. 0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Tgt Ion:	142	Resp:	39705
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.6	50.4
141	14.5	11.2	16.8





#11

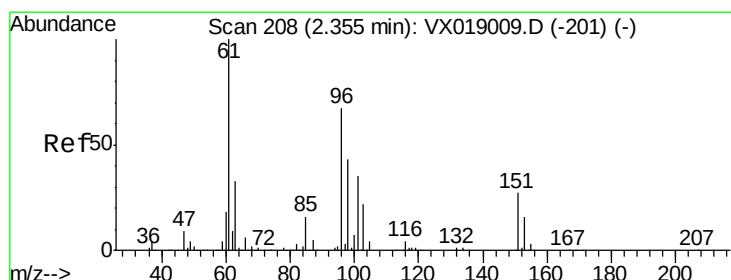
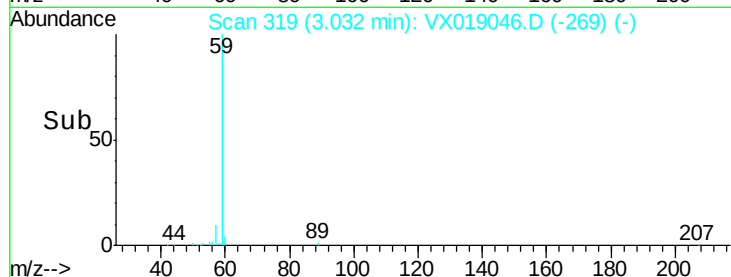
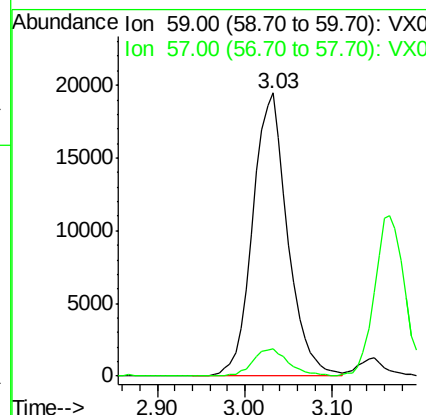
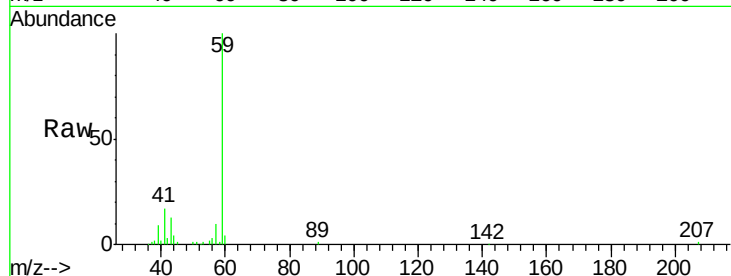
Tert butyl alcohol
 Concen: 99.181 ug/l
 RT: 3.03 min Scan# 319
 Delta R.T. 0.01 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

Tot Ion	59.00 (58.70 to 59.70): VX0	Resp	53866
Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.2

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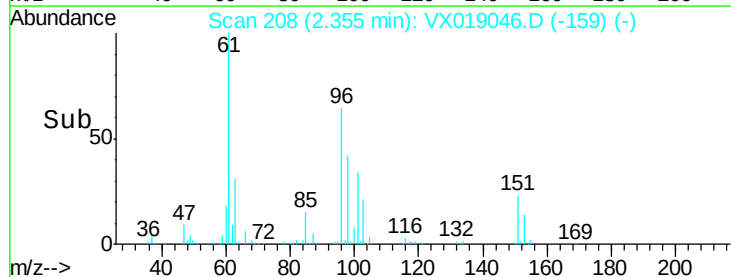
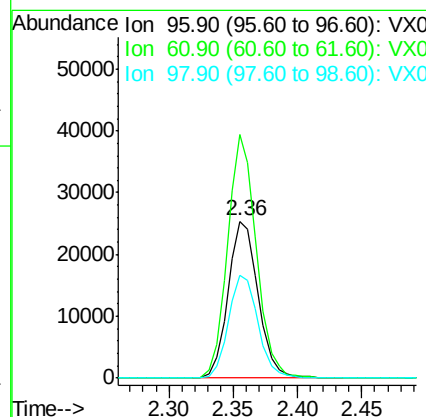
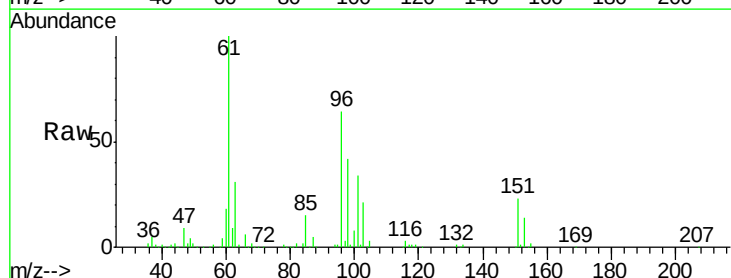
MMDadoda
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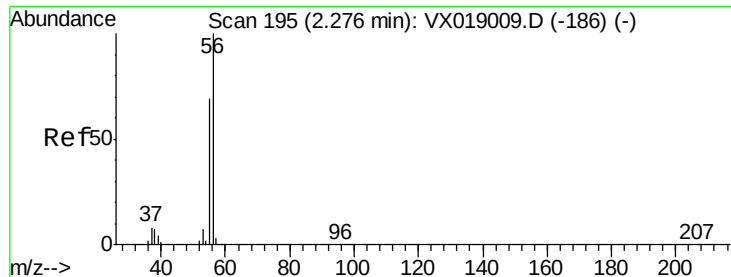


#12

1,1-Dichloroethene
 Concen: 19.001 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion	96	Resp	41403
Ion	Ratio	Lower	Upper
96	100		
61	155.1	119.0	178.6
98	65.5	51.0	76.4





#13

Acrolein

Concen: 99.492 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

Tot Ion: 56 Resp: 18599

Ion Ratio Lower Upper

56 100

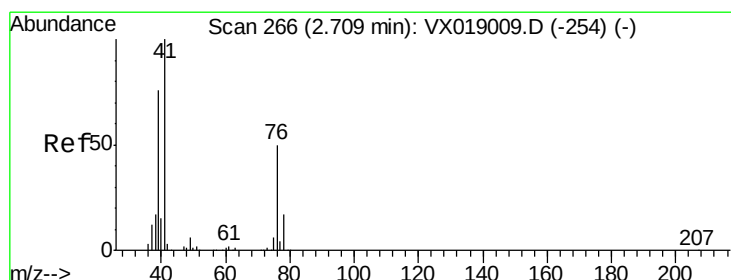
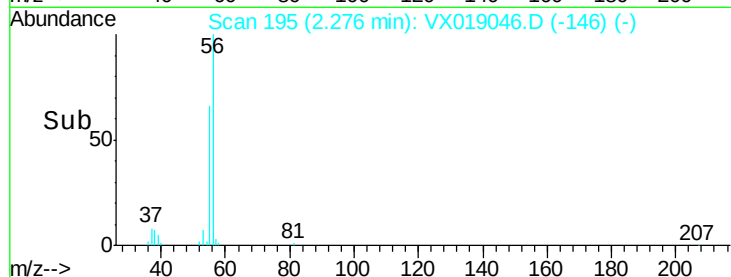
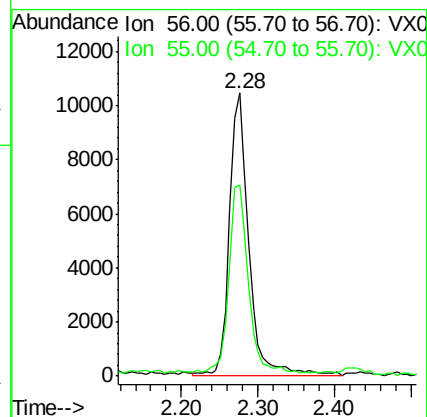
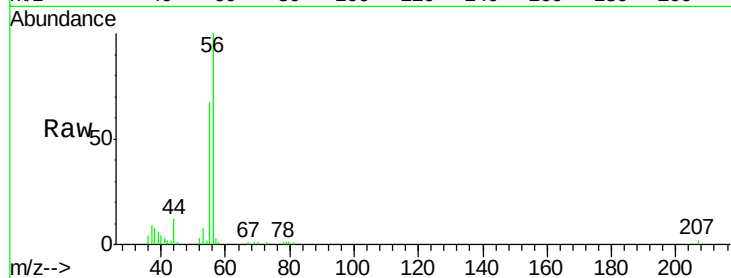
55 65.7 54.2 81.4

Manual Integrations

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#14

Allyl chloride

Concen: 18.335 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

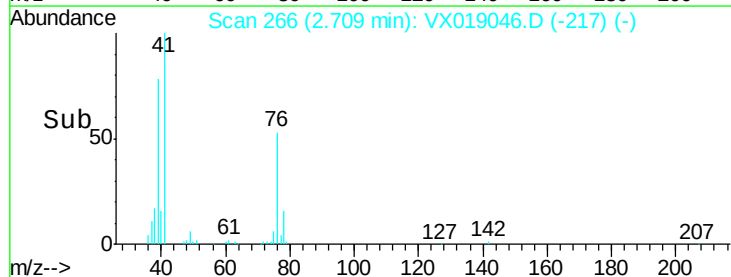
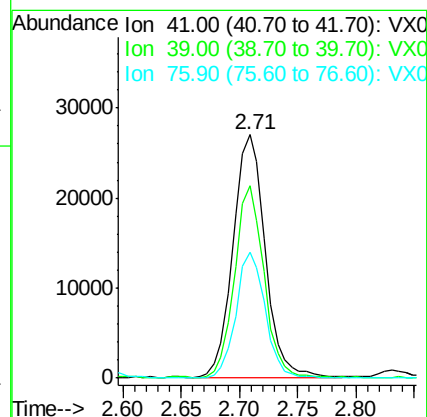
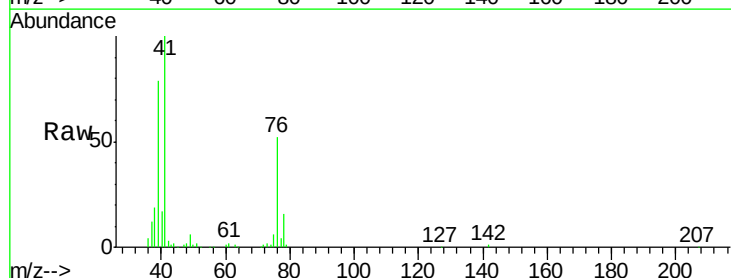
Tgt Ion: 41 Resp: 51684

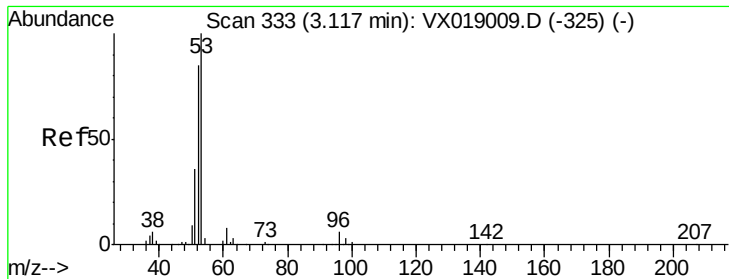
Ion Ratio Lower Upper

41 100

39 72.3 57.4 86.0

76 47.5 37.7 56.5





#15

Acrylonitrile

Concen: 96.465 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

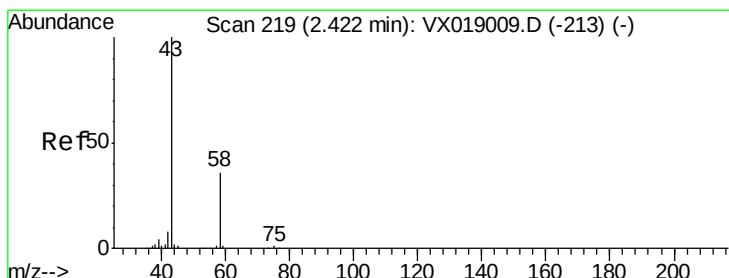
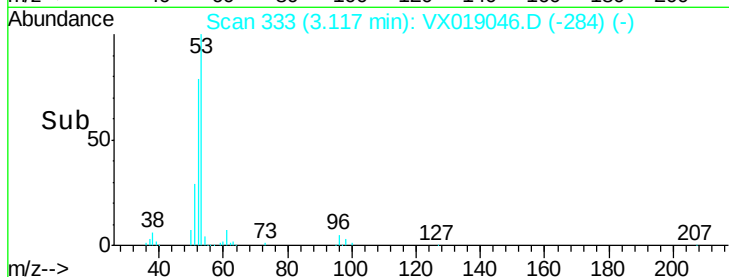
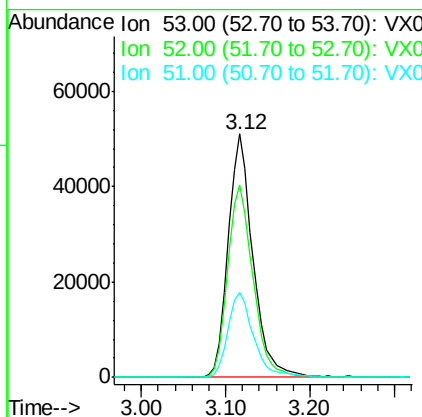
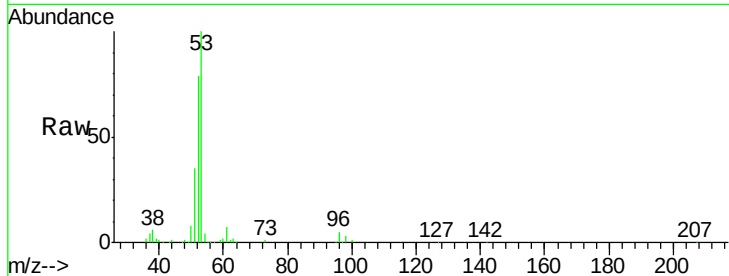
ClientSampleId :

VX1022WBSD02

Tot Ion:	53	Resp:	101311
Ion Ratio		Lower	Upper
53	100		
52	81.9	65.9	98.9
51	36.6	28.3	42.5

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#16

Acetone

Concen: 94.289 ug/l

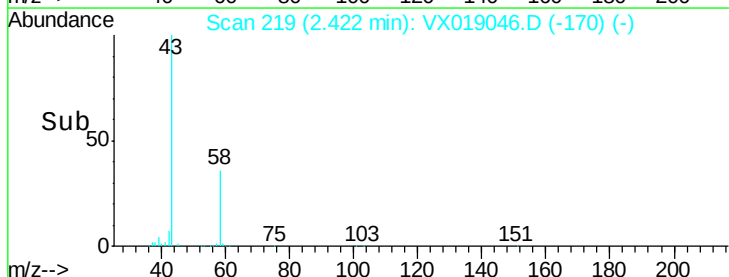
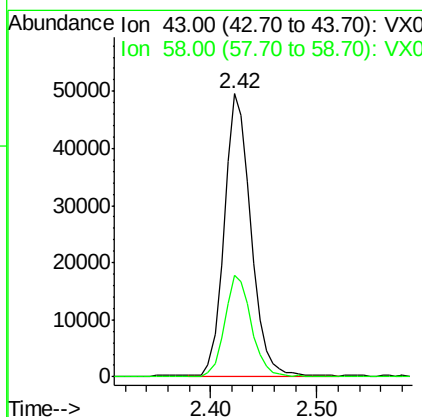
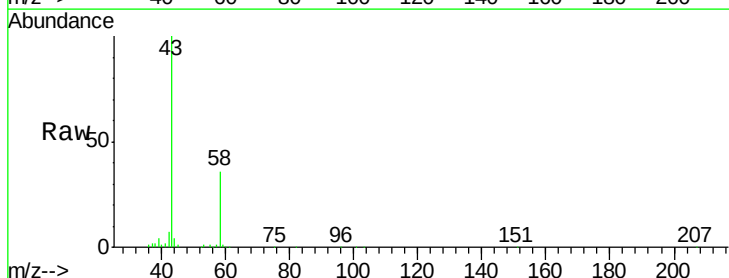
RT: 2.42 min Scan# 219

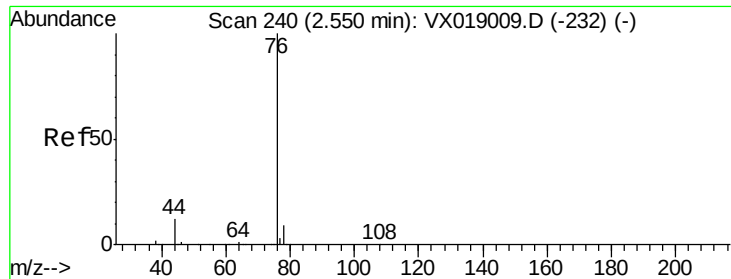
Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Tgt Ion:	43	Resp:	86121
Ion Ratio		Lower	Upper
43	100		
58	36.1	28.6	42.8





#17

Carbon Disulfide

Concen: 17.921 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

Tot Ion: 76 Resp: 112620

Ion Ratio Lower Upper

76 100

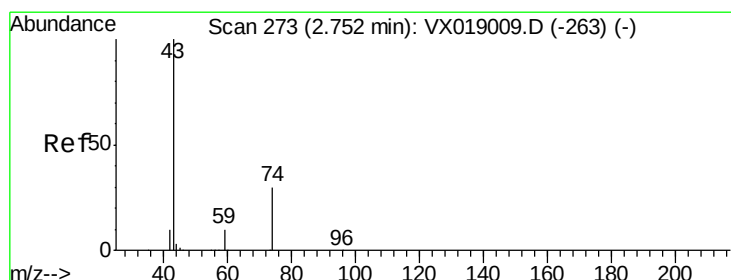
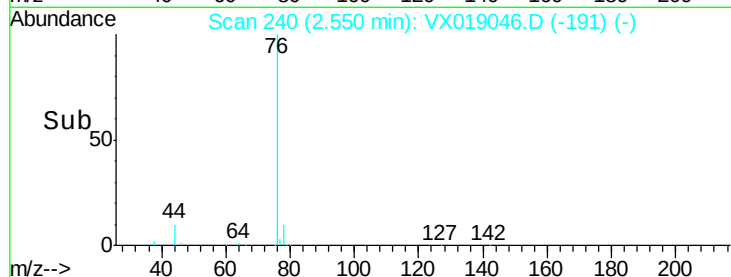
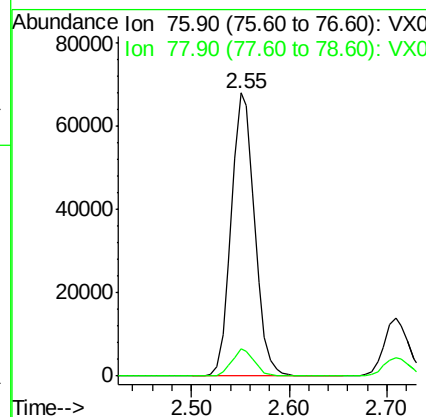
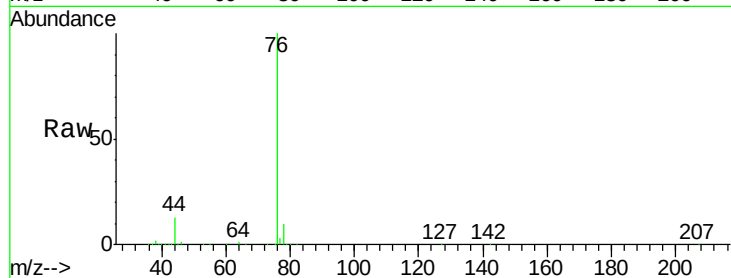
78 9.7 7.1 10.7

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#18

Methyl Acetate

Concen: 20.032 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX019046.D

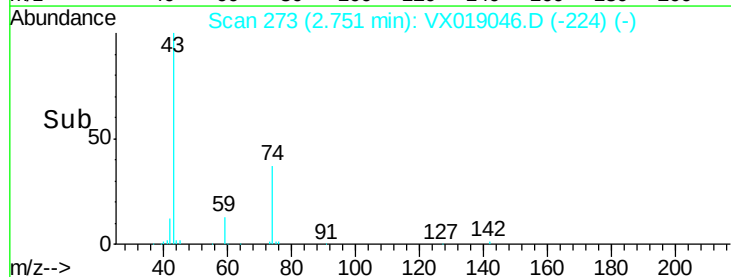
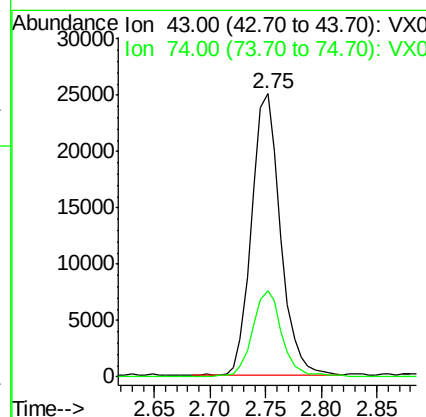
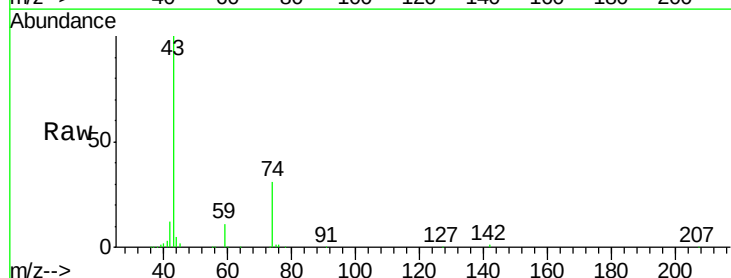
Acq: 22 Oct 2020 23:28

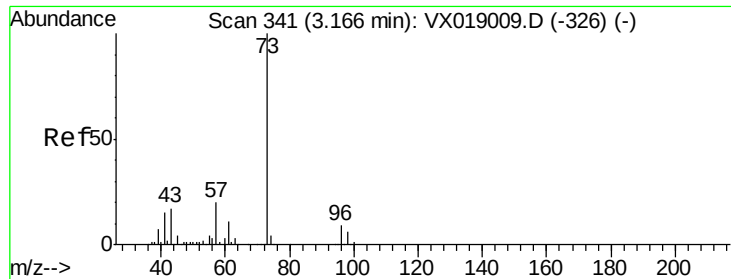
Tgt Ion: 43 Resp: 45402

Ion Ratio Lower Upper

43 100

74 31.3 24.9 37.3





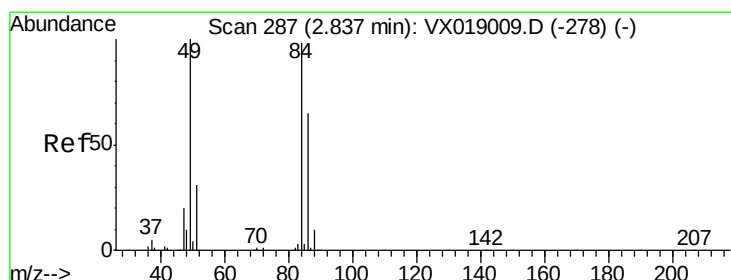
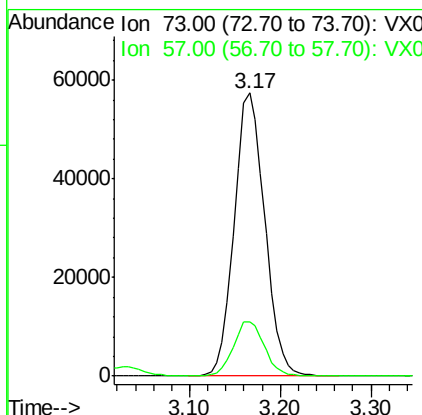
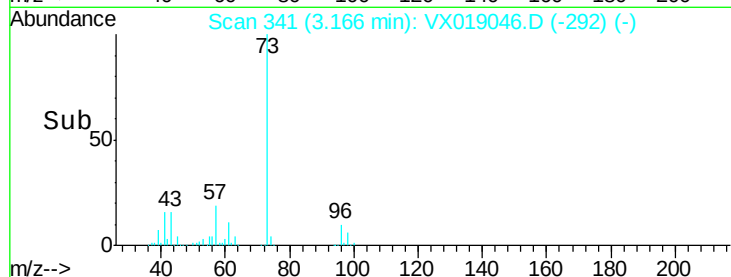
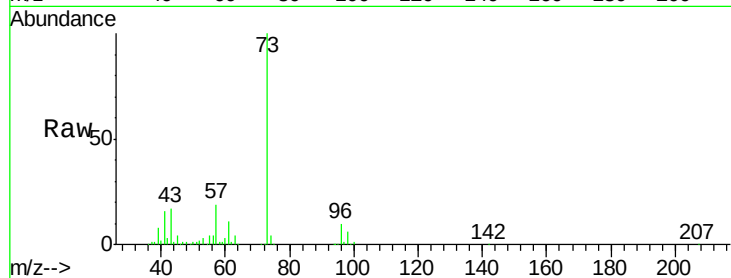
#19
Methyl tert-butyl Ether
Concen: 19.447 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

Tot Ion	73	Resp	134227
Ion Ratio	Lower	Upper	
73	100		
57	19.2	16.2	24.2

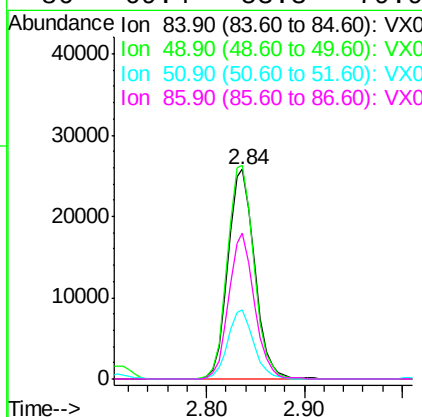
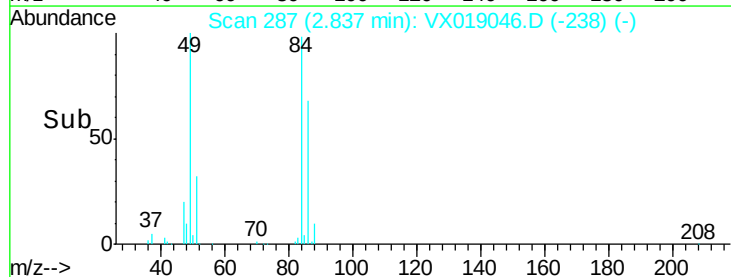
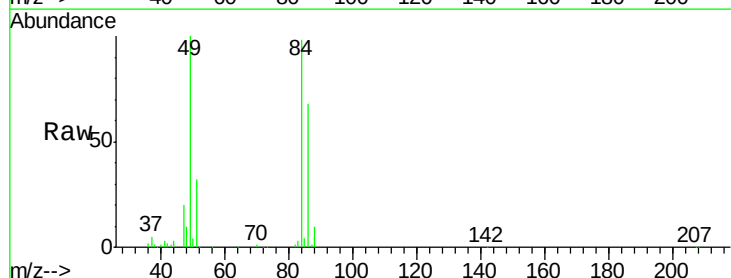
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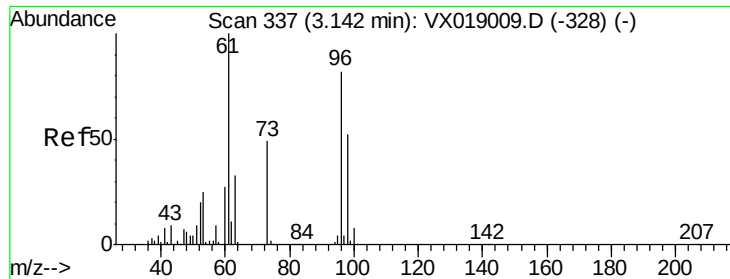
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#20
Methylene Chloride
Concen: 19.122 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion	84	Resp	48623
Ion Ratio	Lower	Upper	
84	100		
49	102.0	81.6	122.4
51	32.8	25.6	38.4
86	69.4	53.3	79.9





#21

trans-1,2-Dichloroethene

Concen: 19.158 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

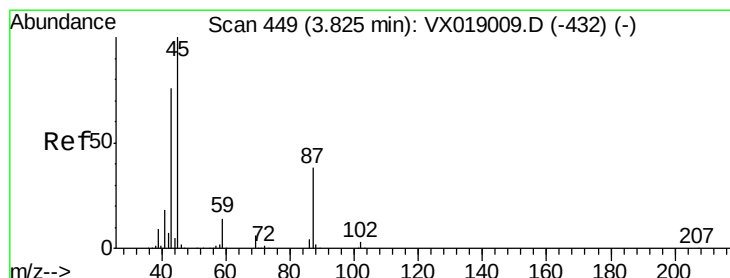
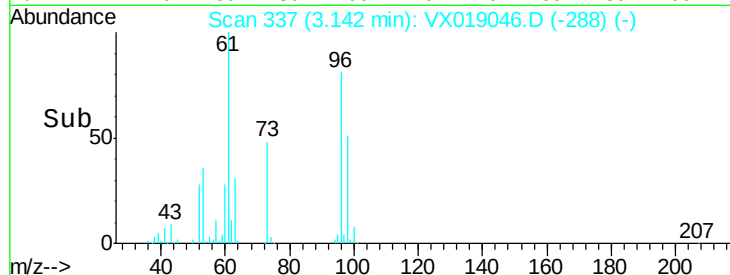
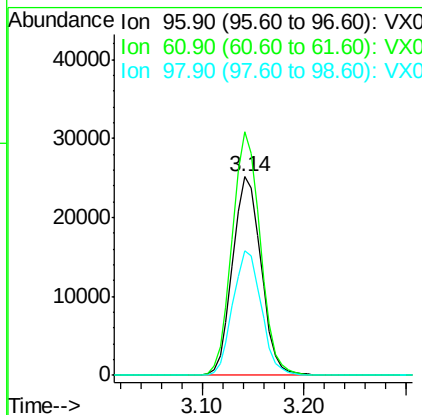
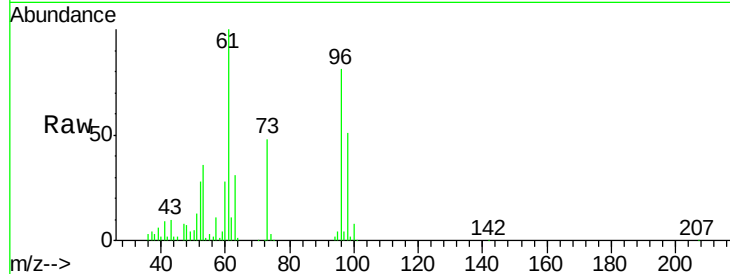
ClientSampleId :

VX1022WBSD02

Tot Ion:	96	Resp:	48711
Ion	Ratio	Lower	Upper
96	100		
61	122.8	97.8	146.6
98	62.7	50.7	76.1

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#22

Diisopropyl ether

Concen: 19.404 ug/l

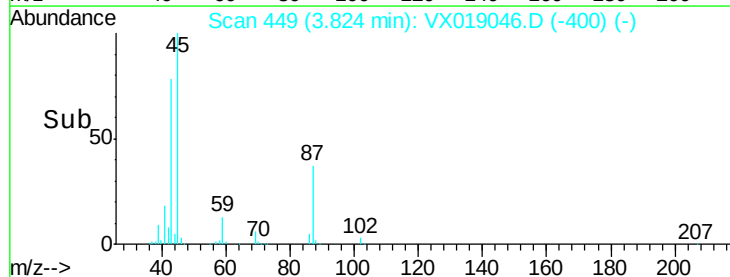
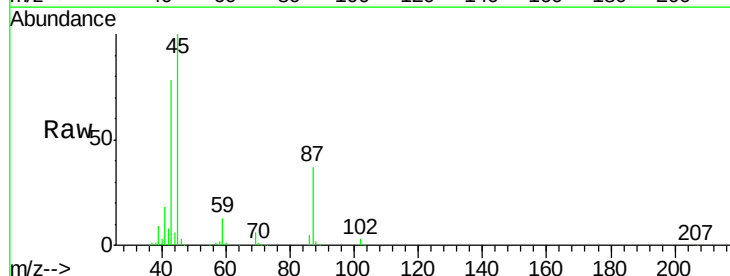
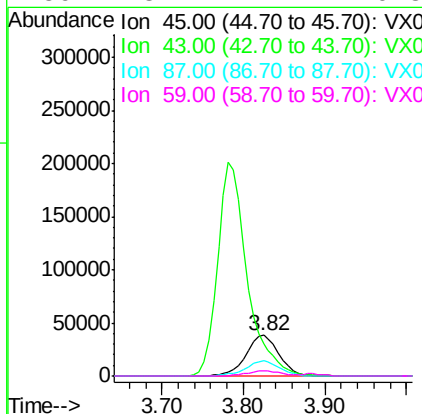
RT: 3.82 min Scan# 449

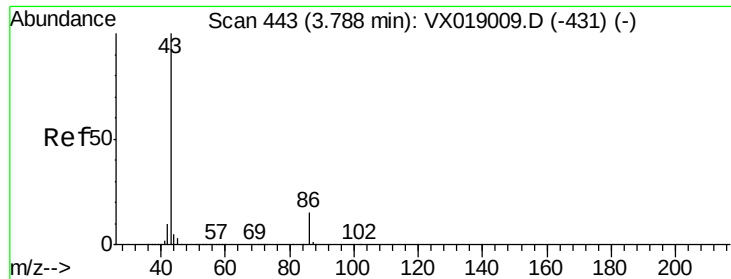
Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Tgt Ion:	45	Resp:	107859
Ion	Ratio	Lower	Upper
45	100		
43	77.7	60.4	90.6
87	37.2	30.4	45.6
59	13.2	11.2	16.8





#23

Vinyl Acetate

Concen: 96.117 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

Tot Ion: 43 Resp: 507308

Ion Ratio Lower Upper

43 100

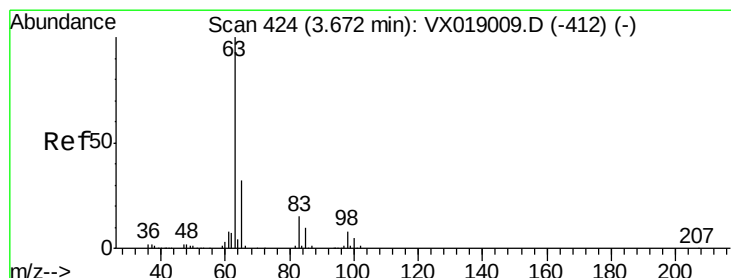
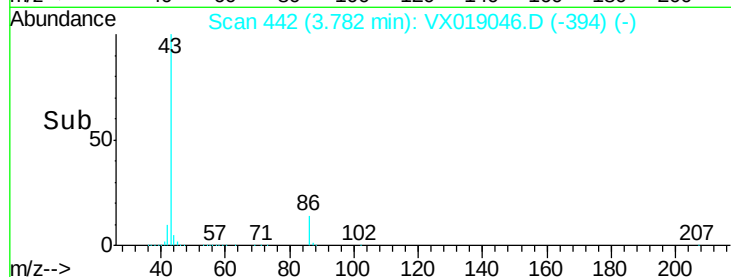
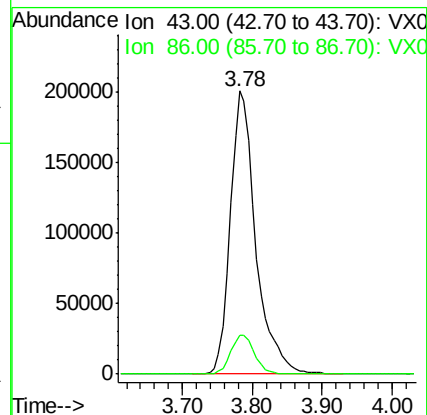
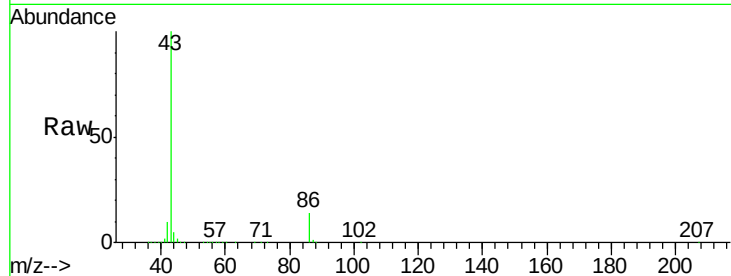
86 13.9 11.7 17.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.560 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

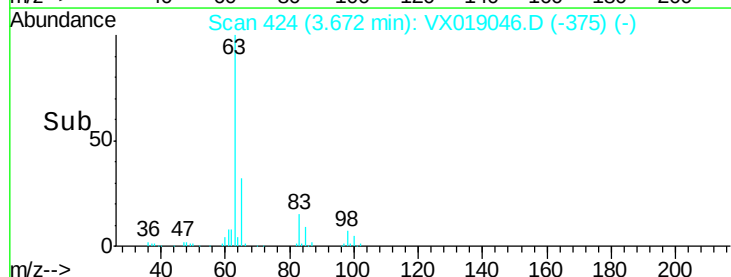
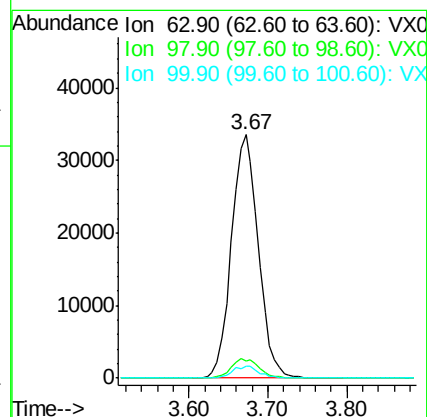
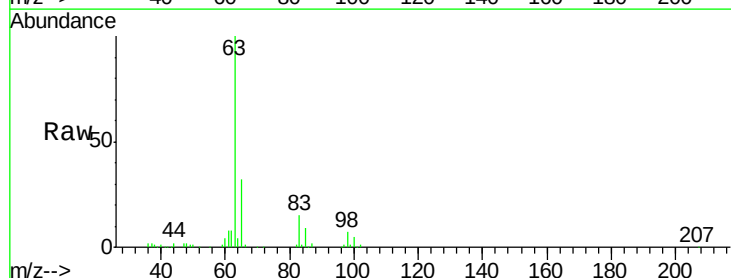
Tgt Ion: 63 Resp: 79178

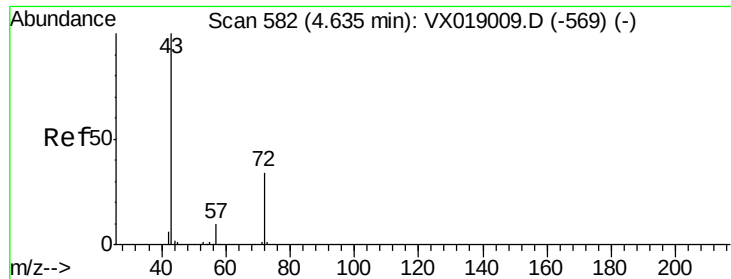
Ion Ratio Lower Upper

63 100

98 7.2 4.0 12.0

100 5.1 2.5 7.4





#25

2-Butanone

Concen: 95.860 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

Tot Ion: 43 Resp: 138346

Ion Ratio Lower Upper

43 100

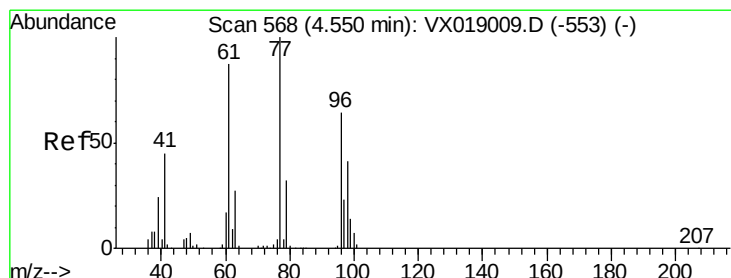
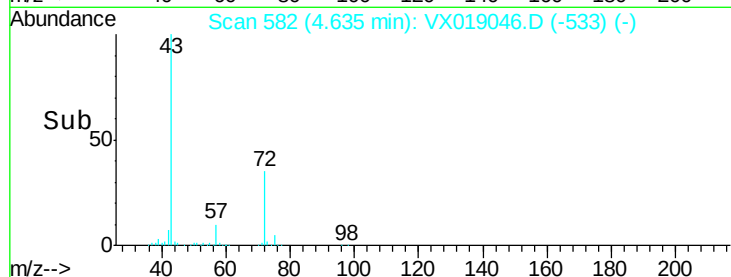
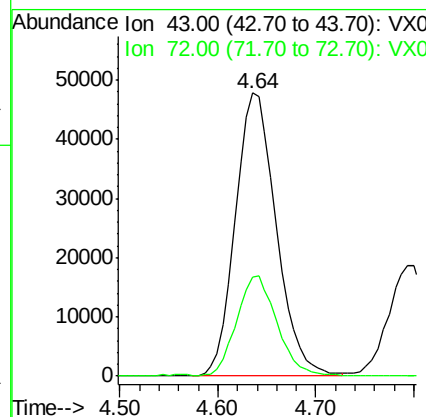
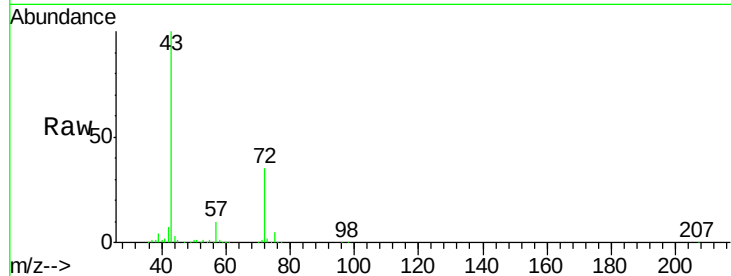
72 34.8 27.8 41.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.402 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019046.D

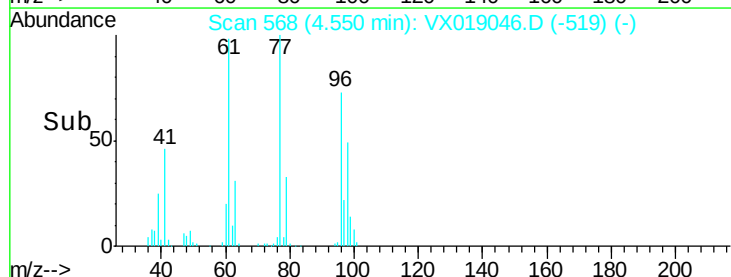
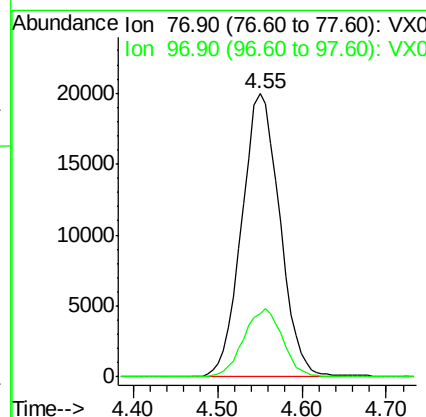
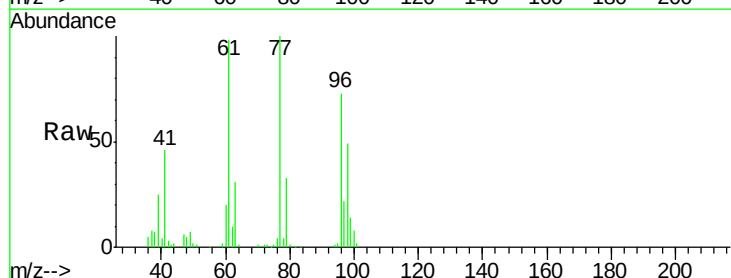
Acq: 22 Oct 2020 23:28

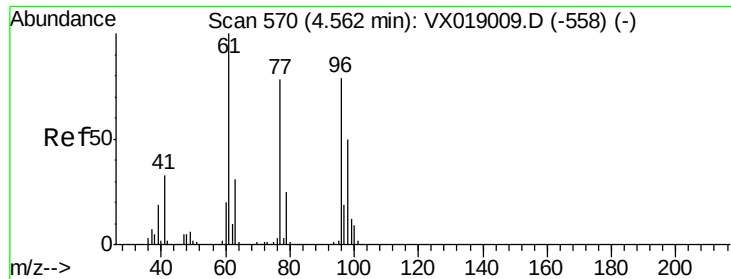
Tgt Ion: 77 Resp: 61304

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.7





#27

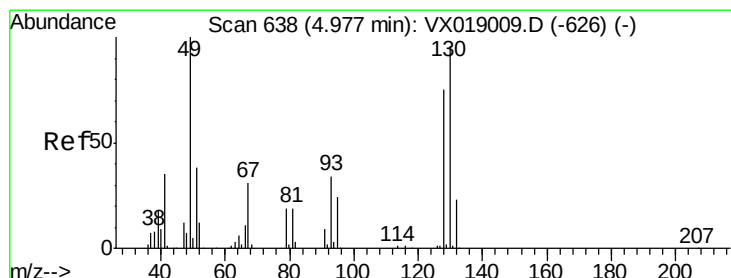
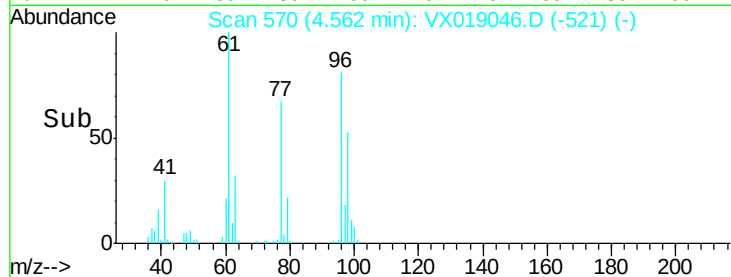
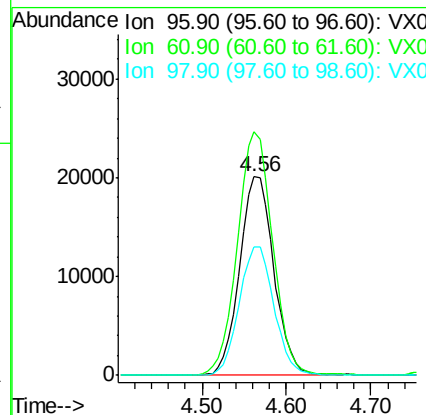
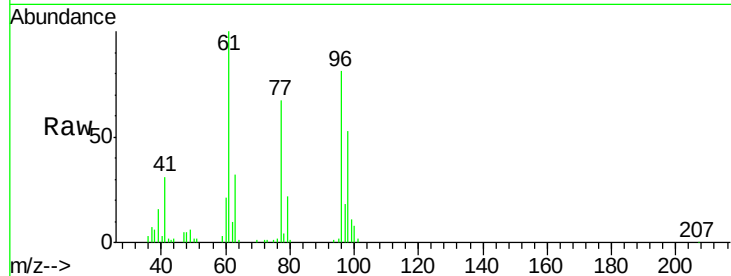
cis-1,2-Dichloroethene
Concen: 19.222 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.9	0.0	260.0
98	65.5	0.0	131.4

Manual Integrations
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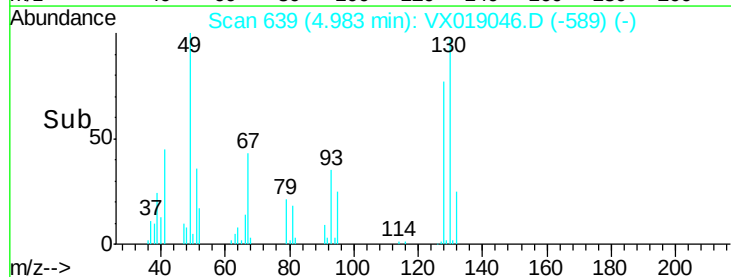
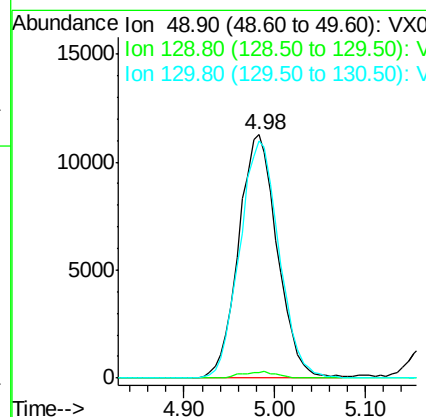
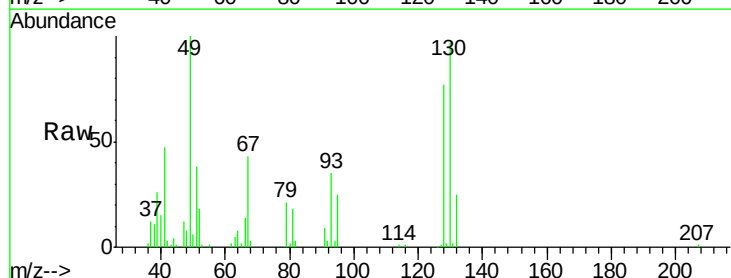
MMDadoda
10/23/2020 1:20:10 PM

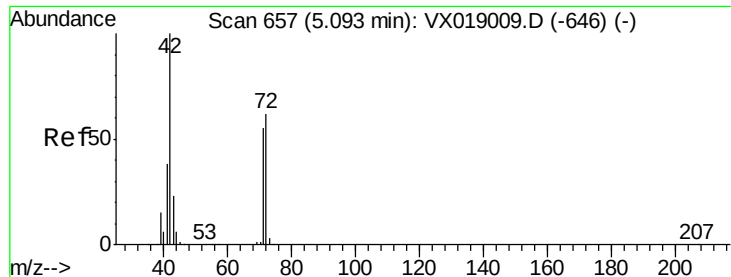


#28

Bromochloromethane
Concen: 19.416 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.2
130	99.0	79.0	118.6





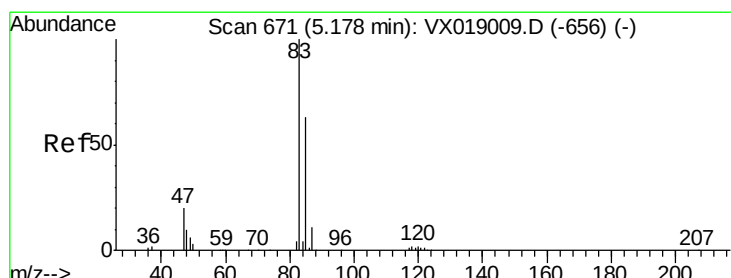
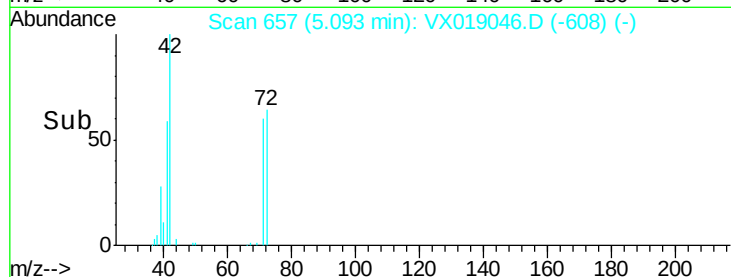
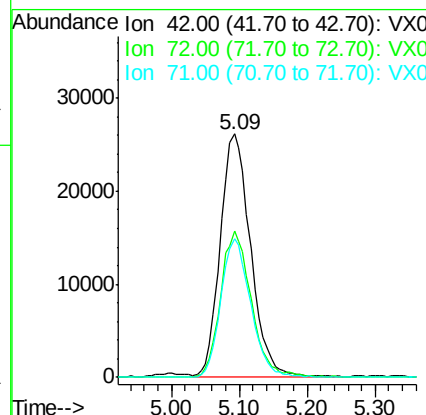
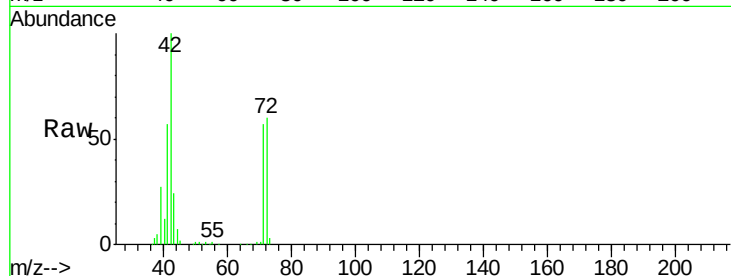
#29
Tetrahydrofuran
Concen: 93.190 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	61.4	49.1	73.7
71	56.3	44.2	66.4

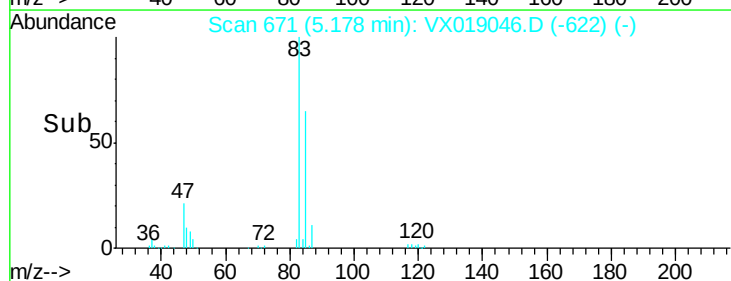
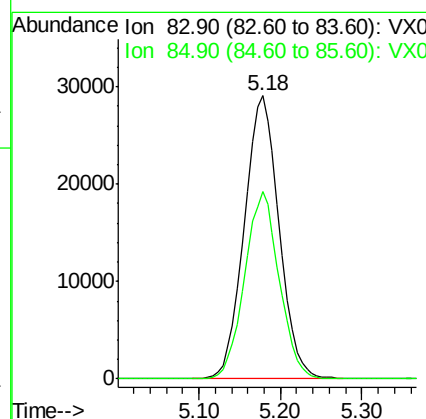
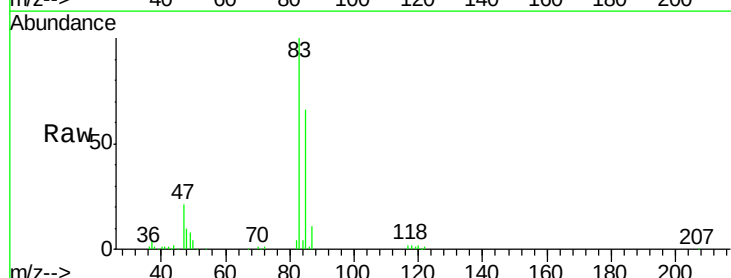
Manual Integrations
APPROVED

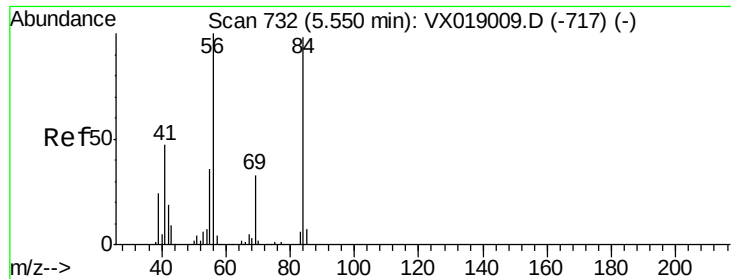
MMDadoda
10/23/2020 1:20:10 PM



#30
Chloroform
Concen: 19.559 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.5	75.7





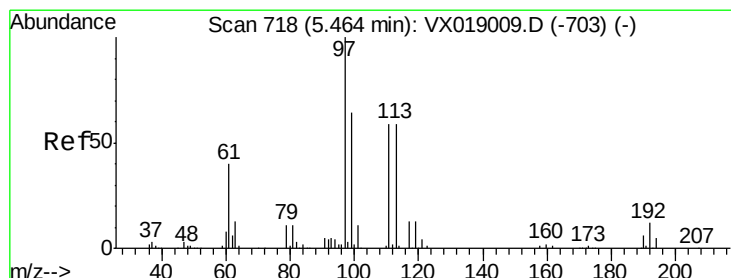
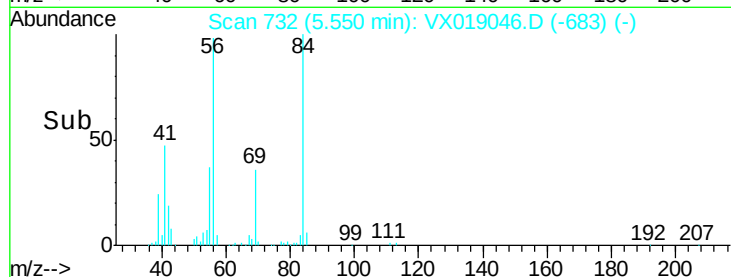
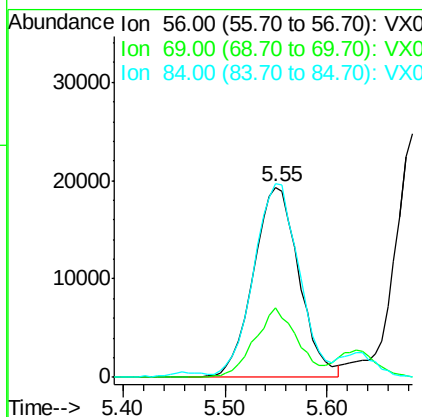
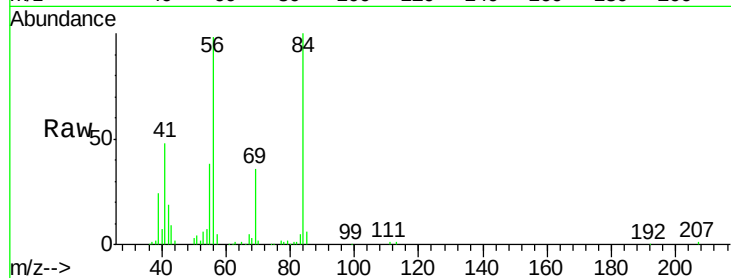
#31
Cyclohexane
Concen: 19.108 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.3	26.2	39.2
84	99.6	78.3	117.5

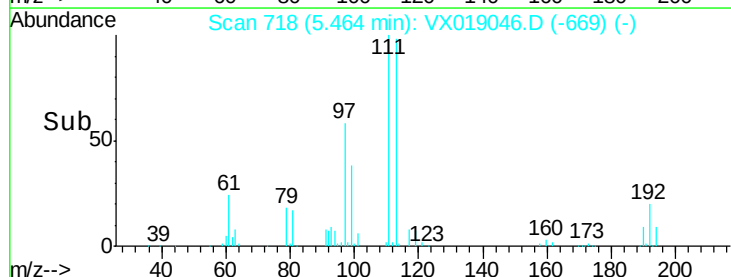
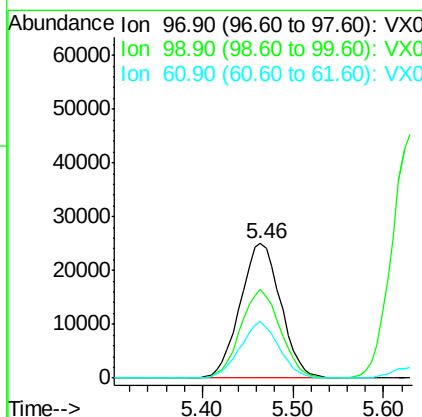
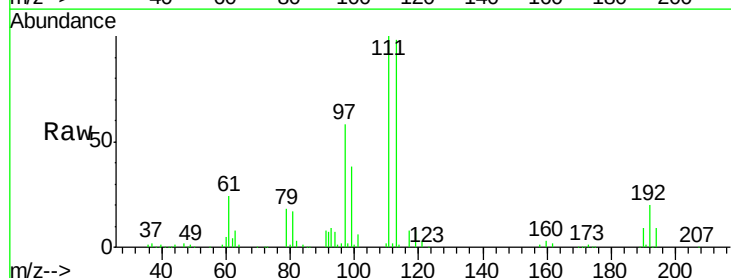
Manual Integrations
APPROVED

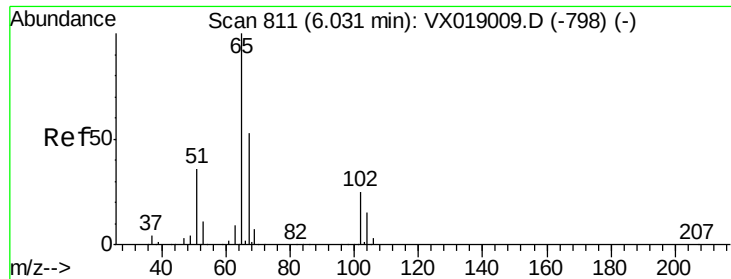
MMDadoda
10/23/2020 1:20:10 PM



#32
1,1,1-Trichloroethane
Concen: 19.446 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.3	76.9
61	40.4	31.9	47.9





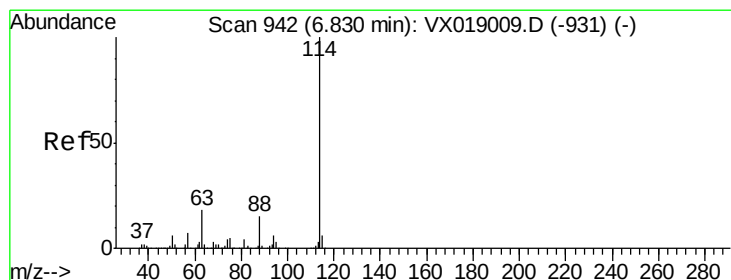
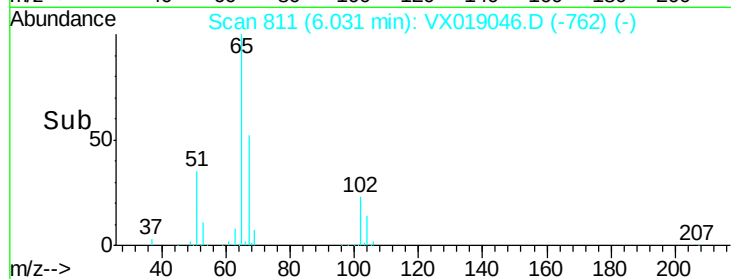
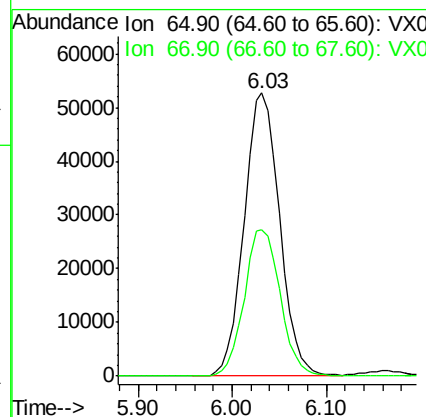
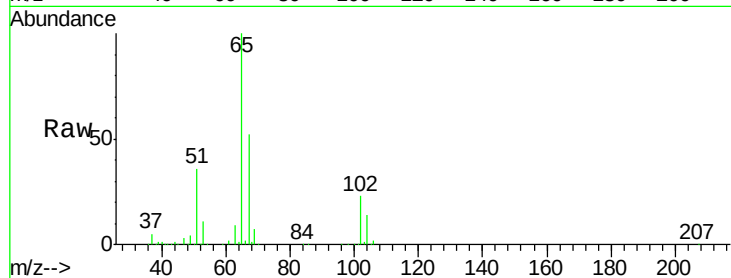
#33
 1,2-Dichloroethane-d4
 Concen: 51.684 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	138595		
67	52.2	0.0	107.0	

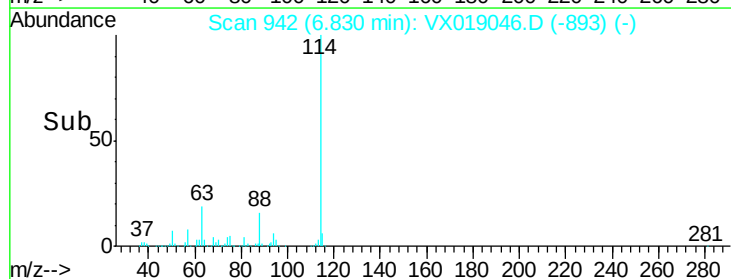
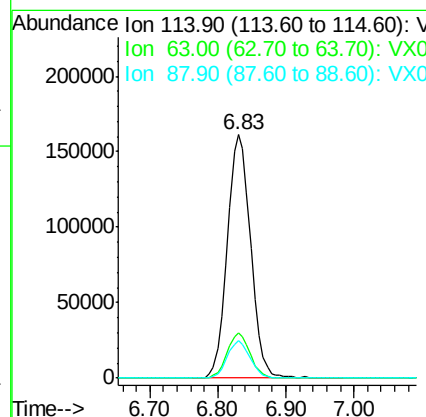
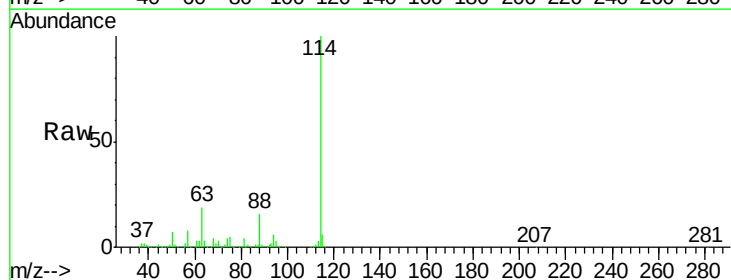
Manual Integrations
 APPROVED

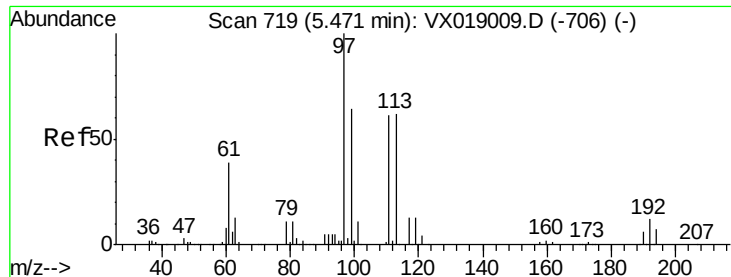
MMDadoda
 10/23/2020 1:20:10 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	382868		
63	18.7	0.0	36.8	
88	15.5	0.0	30.2	





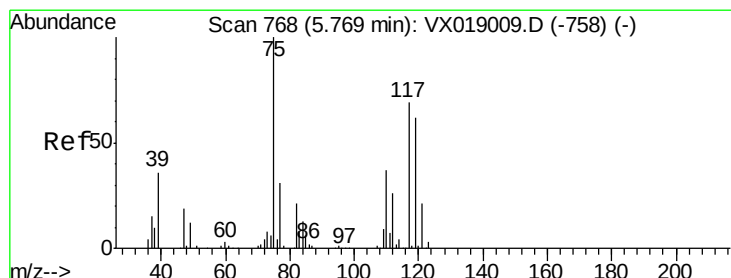
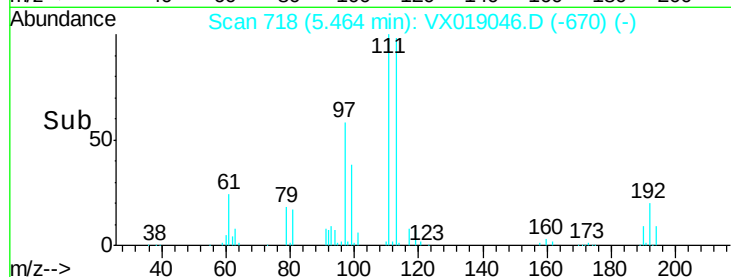
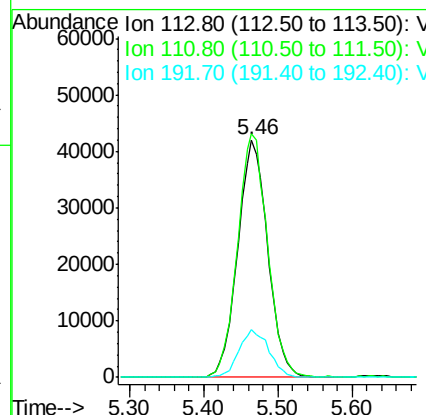
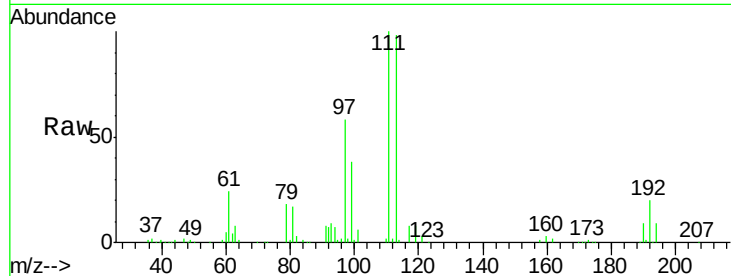
#35
Dibromofluoromethane
Concen: 48.876 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	118479		
111	103.0	81.5	122.3	
192	20.1	16.3	24.5	

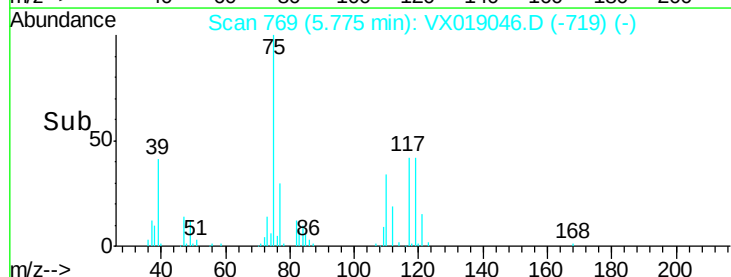
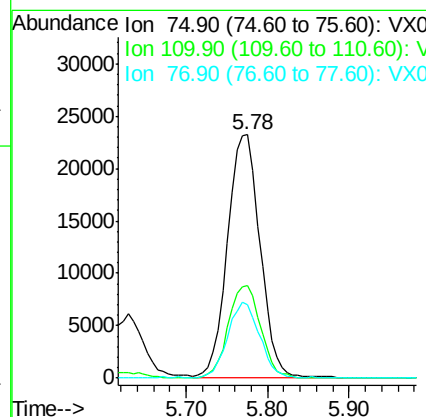
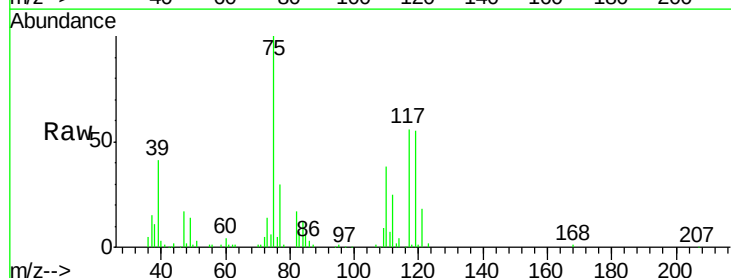
Manual Integrations
APPROVED

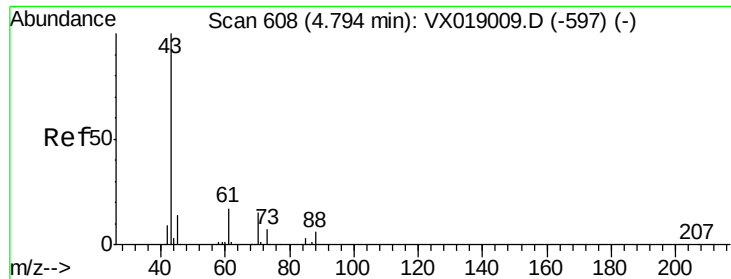
MMDadoda
10/23/2020 1:20:10 PM



#36
1,1-Dichloropropene
Concen: 18.722 ug/l
RT: 5.78 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	64319		
110	37.7	19.4	58.2	
77	30.4	25.2	37.8	





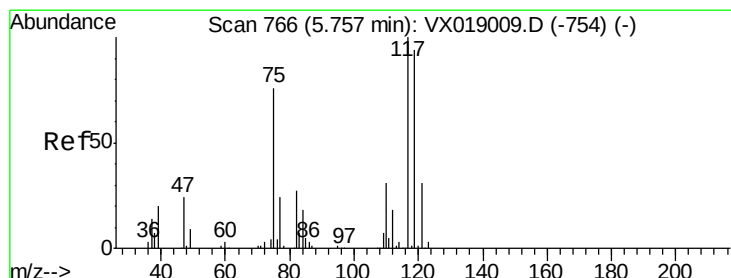
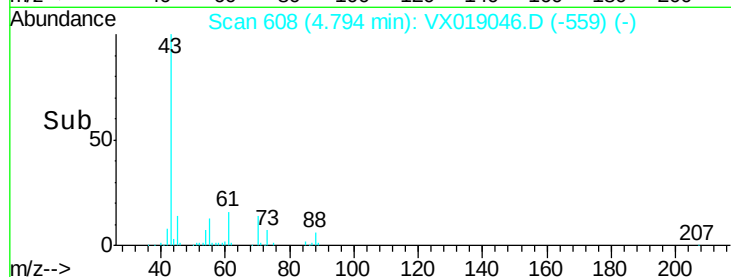
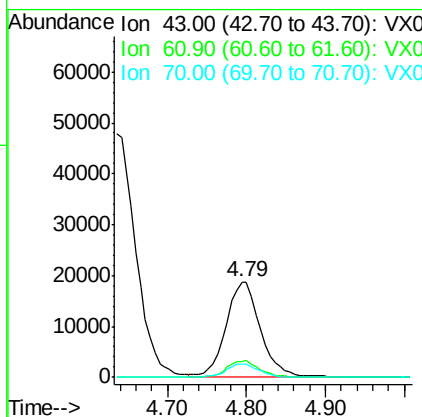
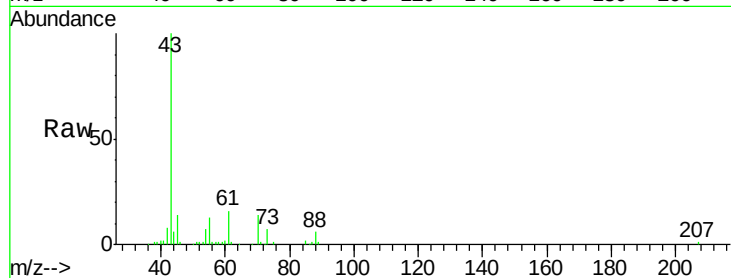
#37
Ethyl Acetate
Concen: 19.002 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.8	13.8	20.8
70	14.2	11.4	17.2

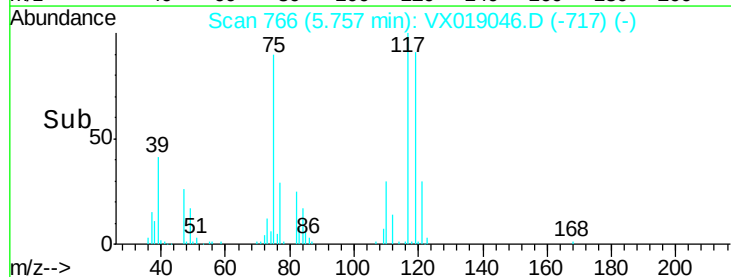
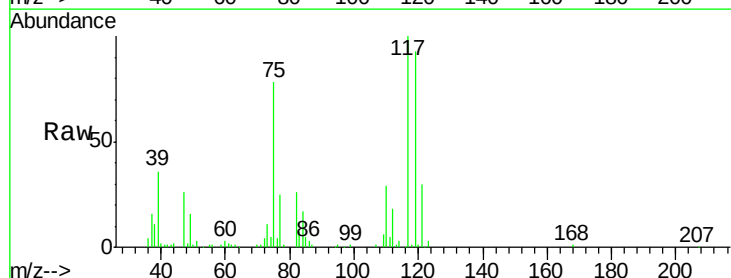
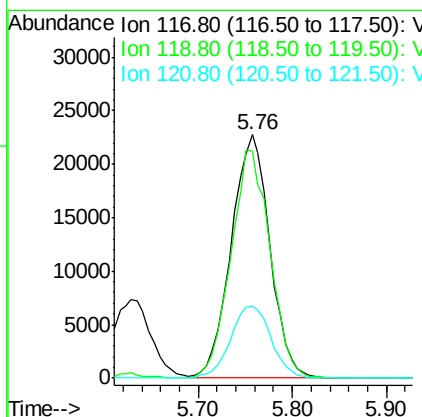
Manual Integrations
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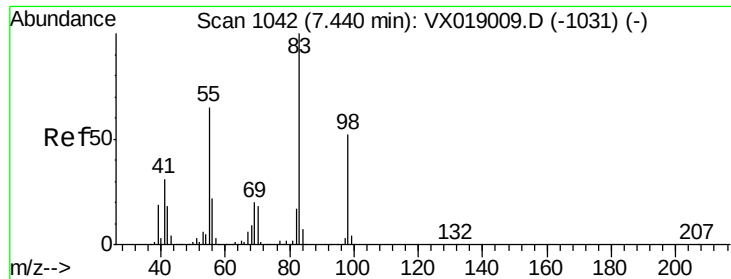
MMDadoda
10/23/2020 1:20:10 PM



#38
Carbon Tetrachloride
Concen: 18.061 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.4	113.0
121	29.8	25.0	37.6





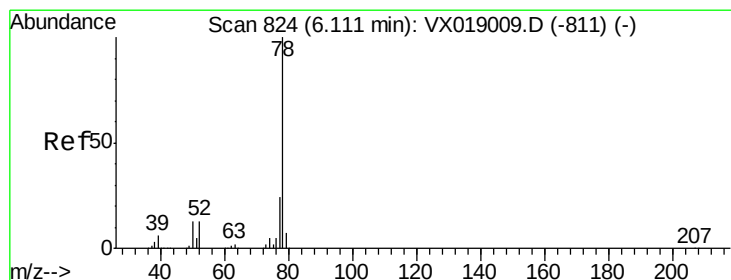
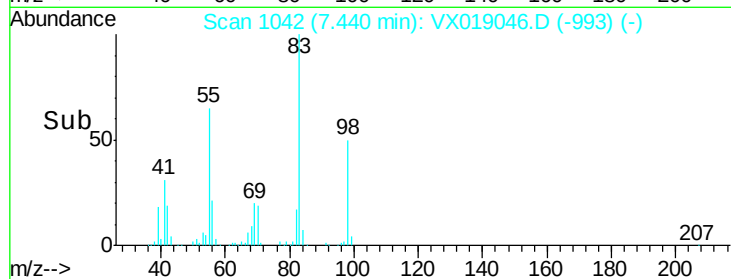
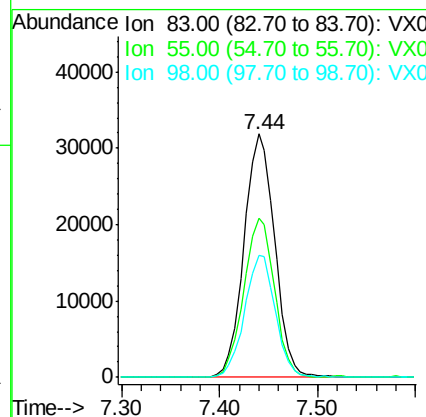
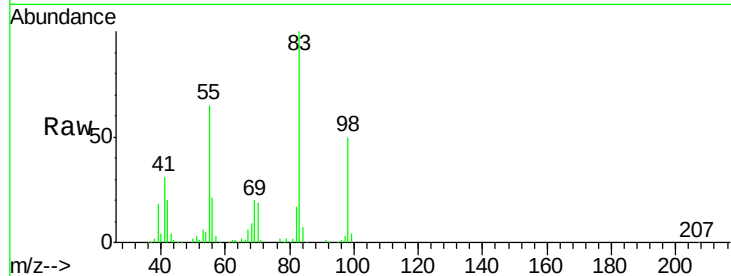
#39
Methylvlcyclohexane
Concen: 18.027 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

Tot Ion	83	Resp	69384
Ion Ratio	100	Lower	Upper
83	100		
55	65.0	51.8	77.6
98	50.1	41.4	62.2

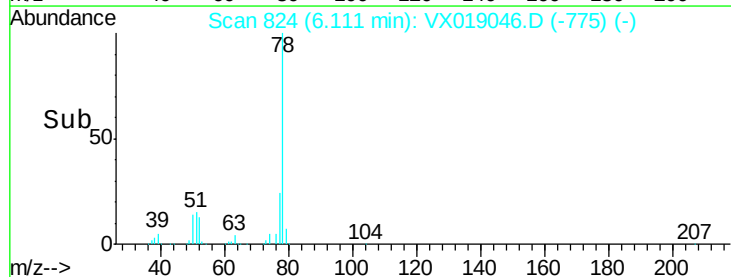
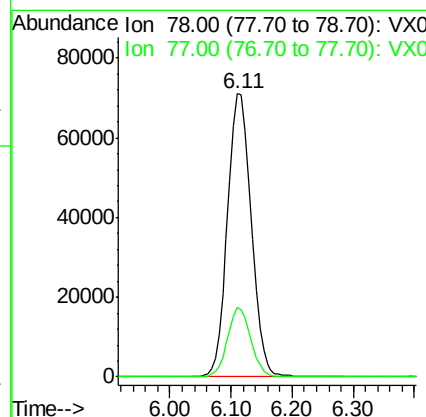
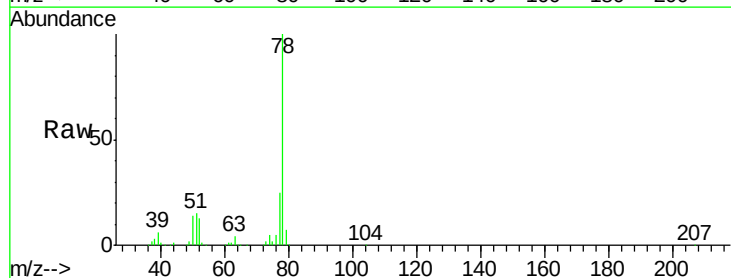
Manual Integrations
APPROVED

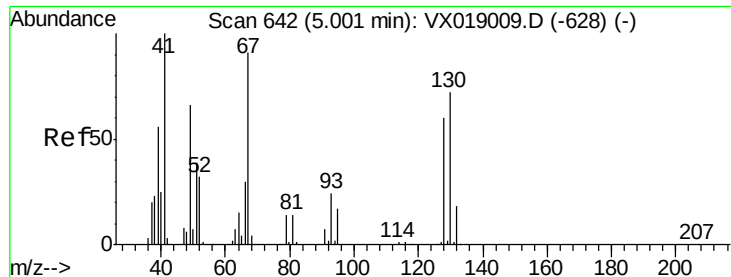
MMDadoda
10/23/2020 1:20:10 PM



#40
Benzene
Concen: 18.906 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion	78	Resp	191289
Ion Ratio	100	Lower	Upper
78	100		
77	24.7	19.3	28.9





#41

Methacrylonitrile

Concen: 18.904 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

Tot Ion: 41 Resp: 29775

Ion Ratio Lower Upper

41 100

39 55.6 44.6 67.0

67 92.7 76.1 114.1

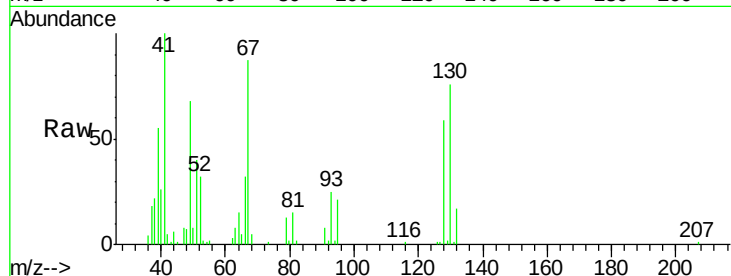
52 35.8 28.3 42.5

Manual Integrations

APPROVED

MMDadoda

10/23/2020 1:20:10 PM

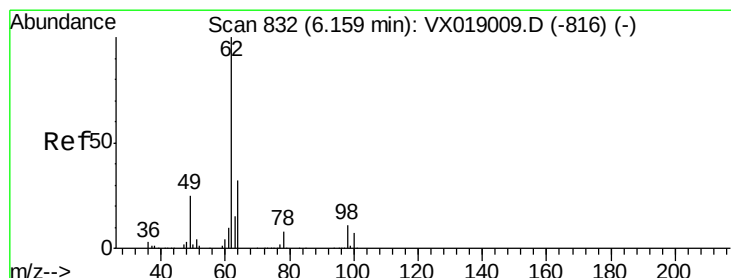
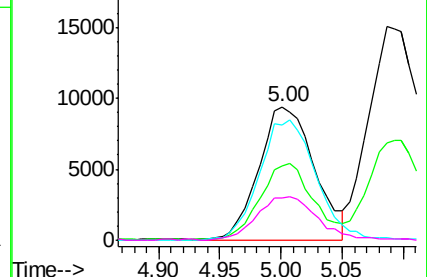
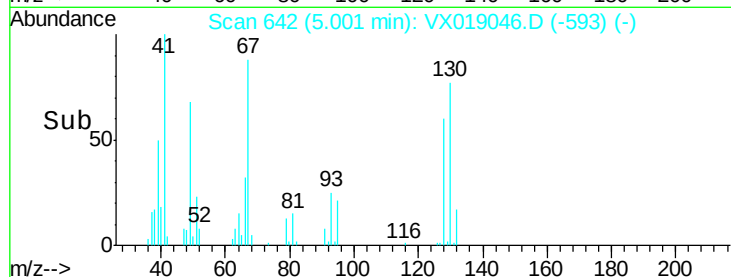


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.532 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX019046.D

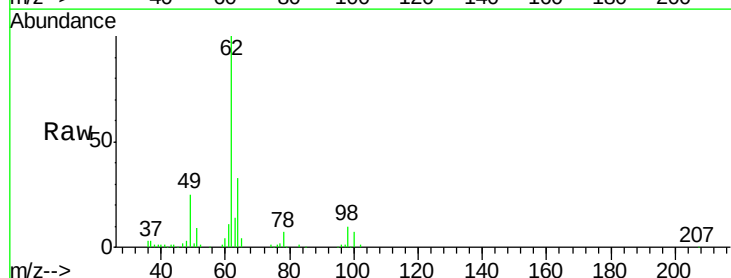
Acq: 22 Oct 2020 23:28

Tgt Ion: 62 Resp: 67444

Ion Ratio Lower Upper

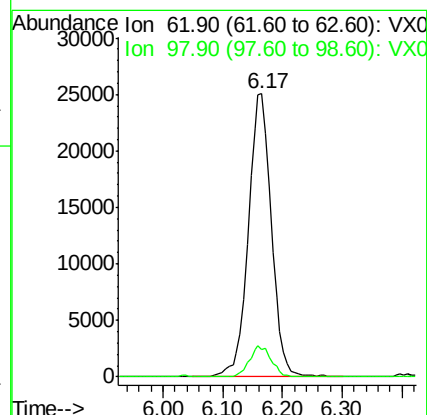
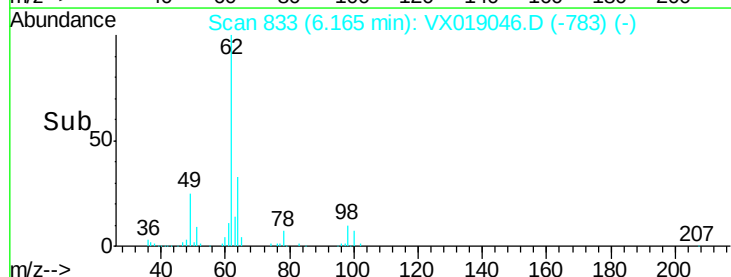
62 100

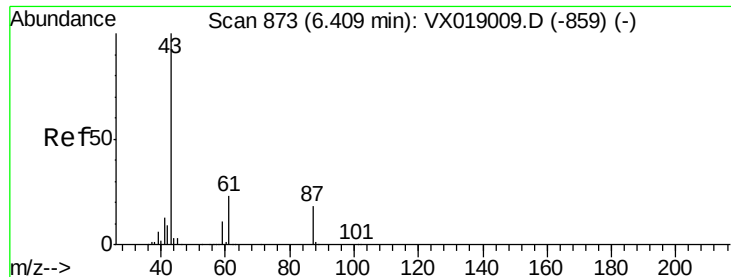
98 10.3 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

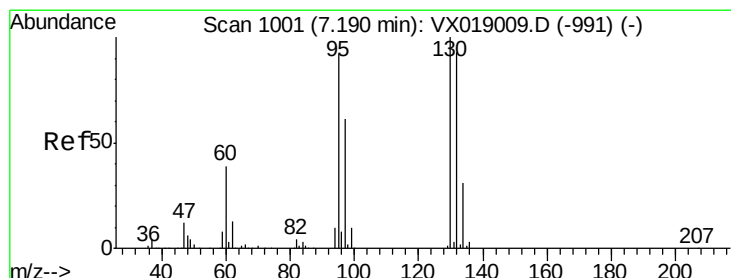
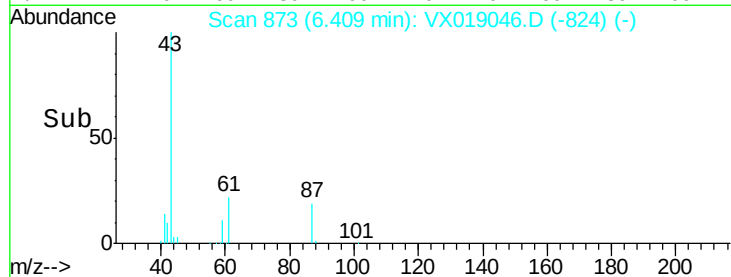
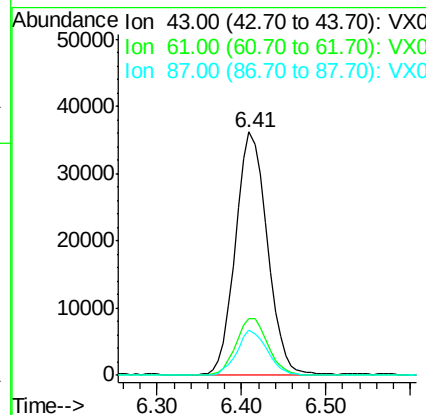
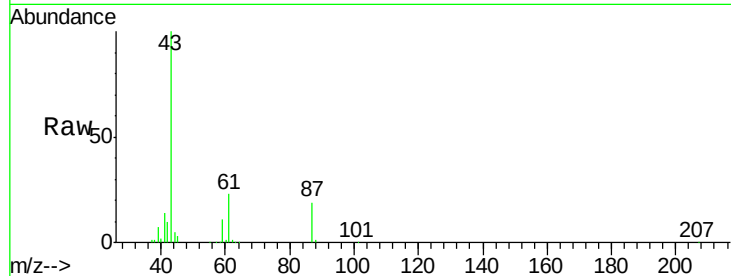
Isopropyl Acetate
 Concen: 18.449 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.6	18.7	28.1
87	17.9	14.2	21.4

Manual Integrations
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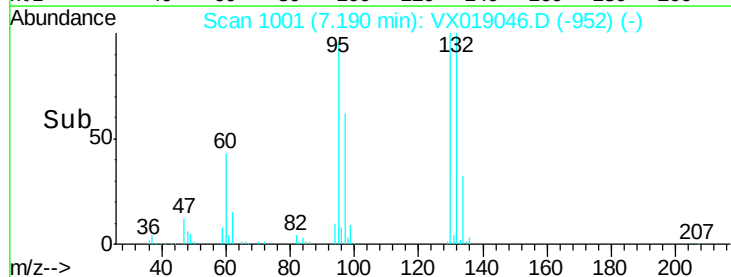
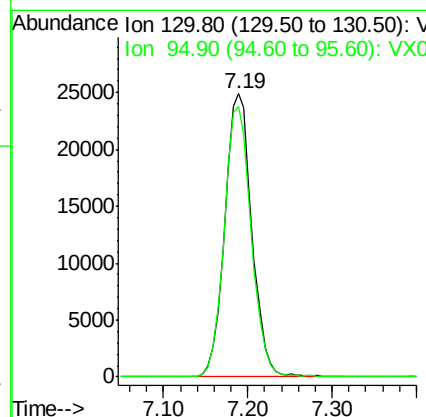
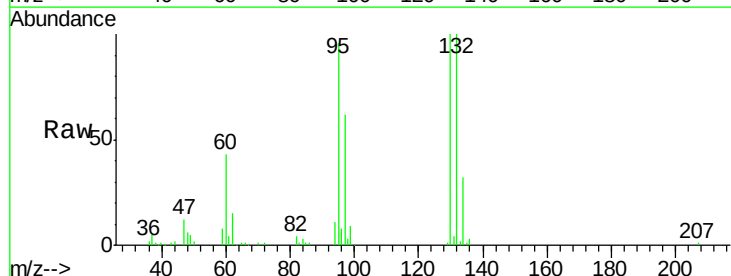
MMDadoda
 10/23/2020 1:20:10 PM

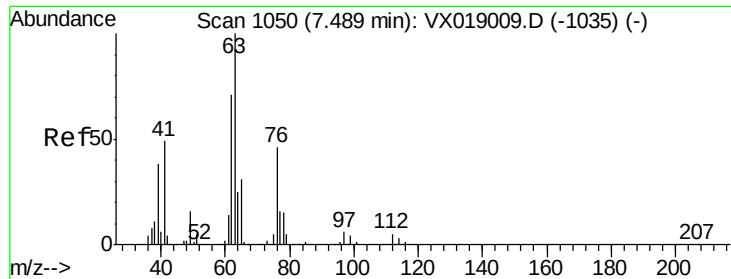


#44

Trichloroethene
 Concen: 18.566 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	184.2





#45

1,2-Dichloropropane

Concen: 19.033 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

Tot Ion: 63 Resp: 46192

Ion Ratio Lower Upper

63 100

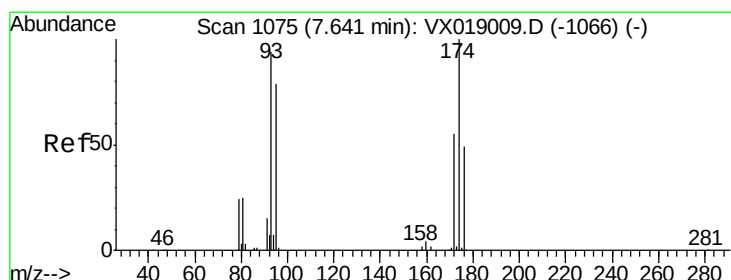
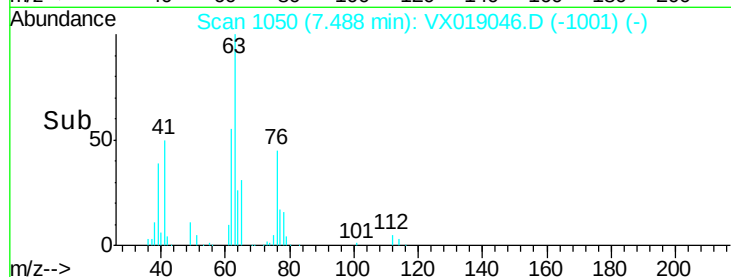
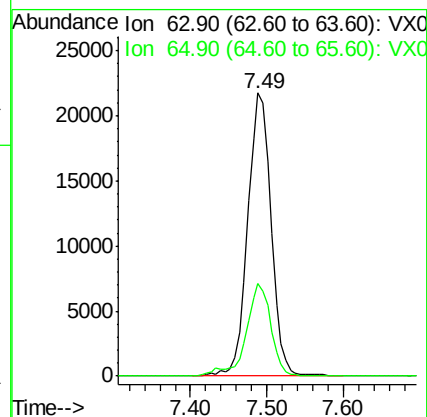
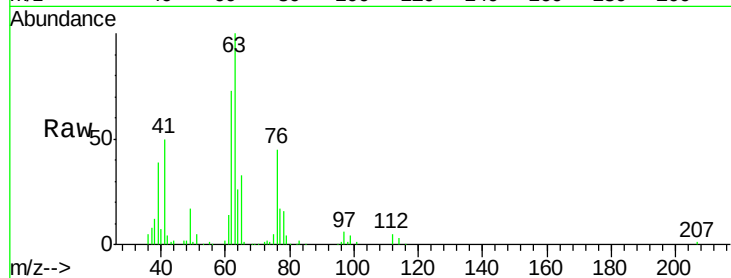
65 32.8 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 18.594 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

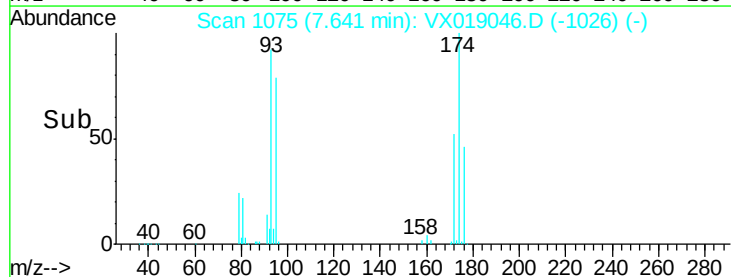
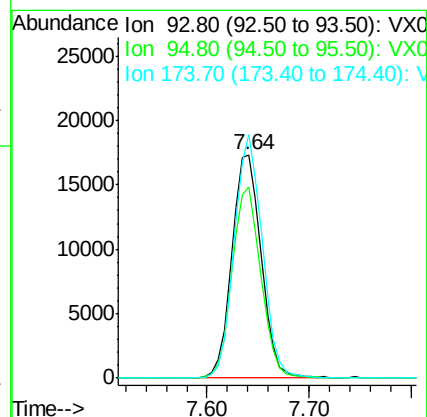
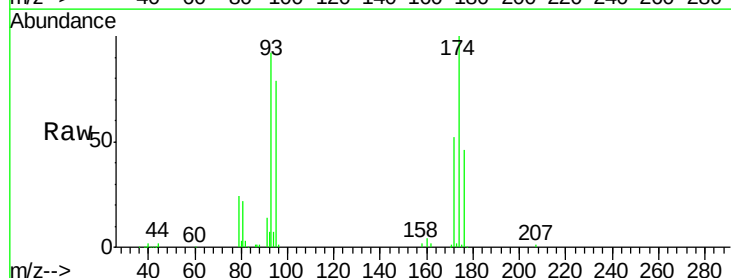
Tgt Ion: 93 Resp: 34371

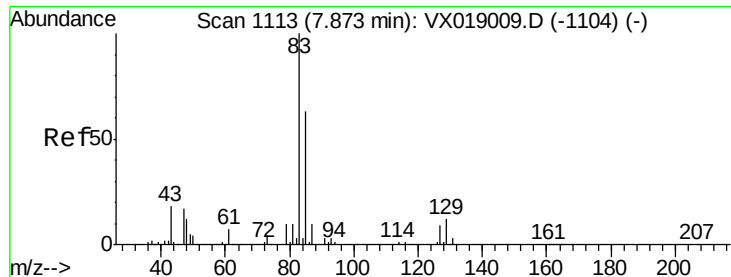
Ion Ratio Lower Upper

93 100

95 84.0 66.8 100.2

174 103.8 83.8 125.8





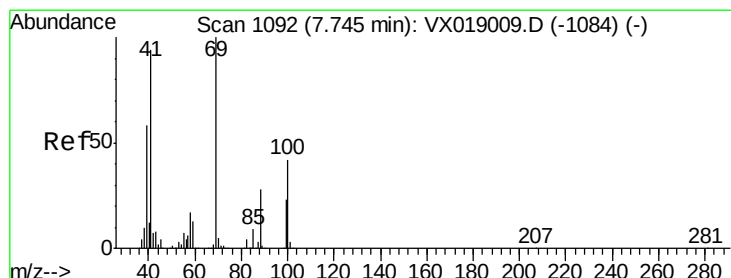
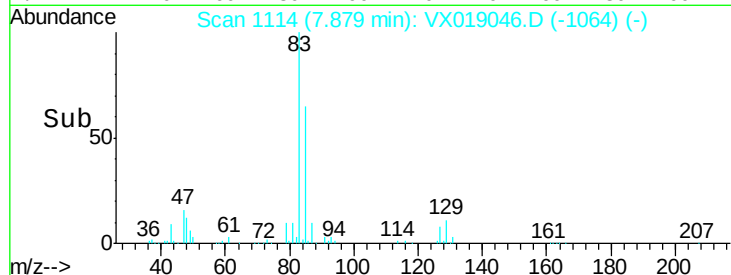
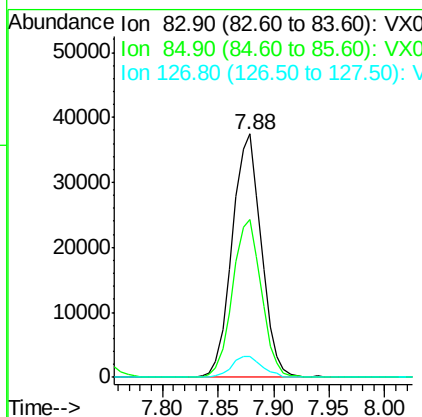
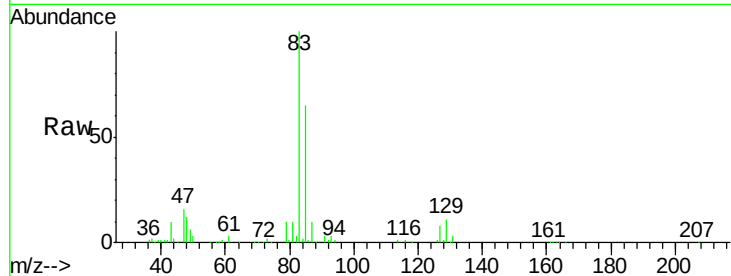
#47
 Bromodichloromethane
 Concen: 18.732 ug/l
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

Tot Ion	83	Resp	67890
Ion Ratio	100	Lower	Upper
83	100		
85	64.9	50.7	76.1
127	8.5	6.8	10.2

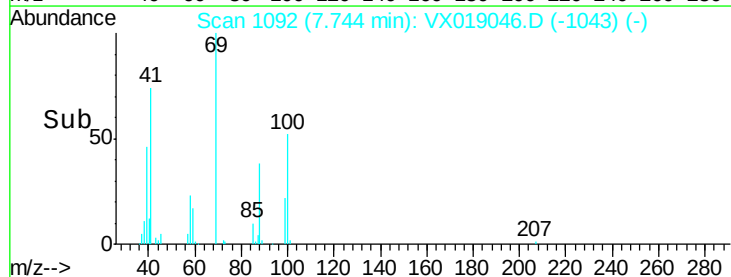
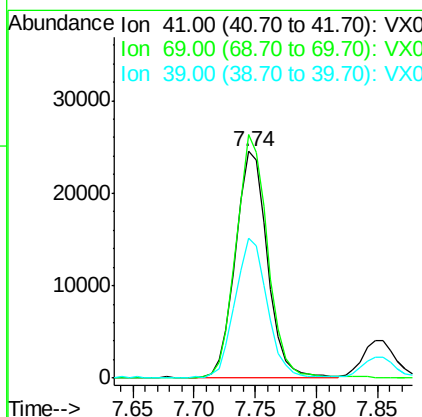
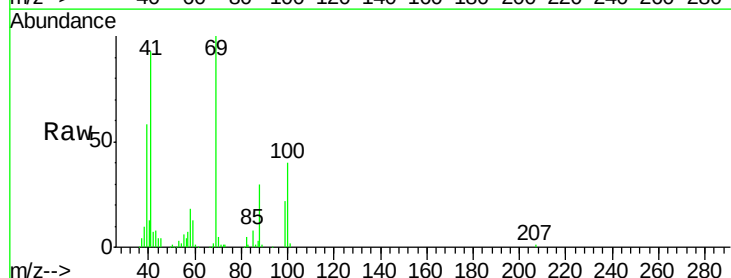
Manual Integrations
 APPROVED

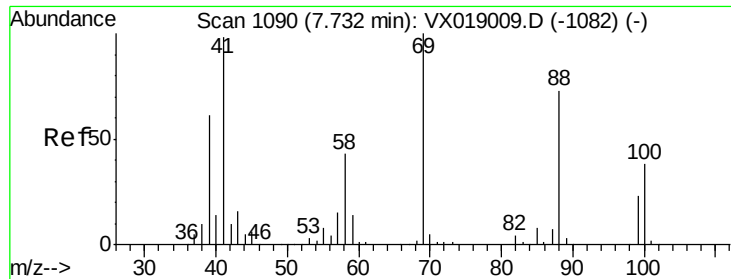
MMDadoda
 10/23/2020 1:20:10 PM



#48
 Methyl methacrylate
 Concen: 18.271 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion	41	Resp	44707
Ion Ratio	100	Lower	Upper
41	100		
69	105.6	85.5	128.3
39	62.0	49.3	73.9





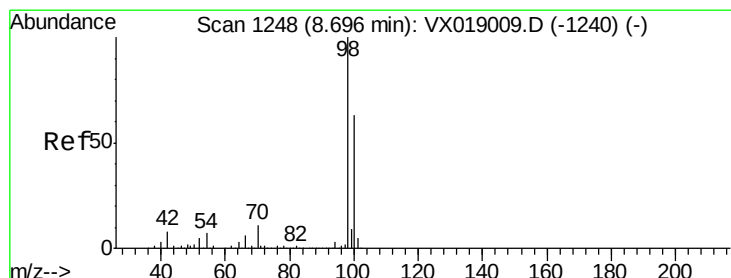
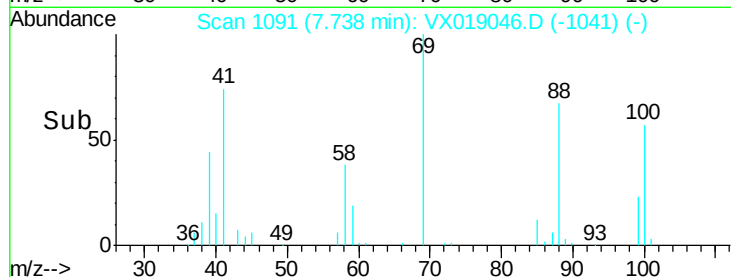
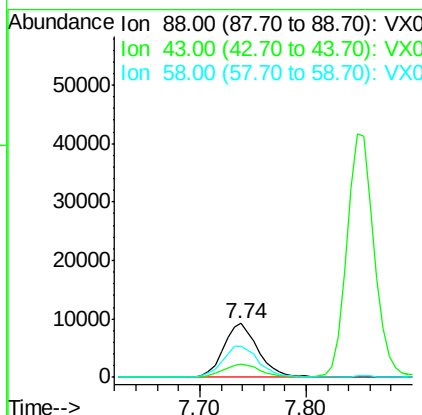
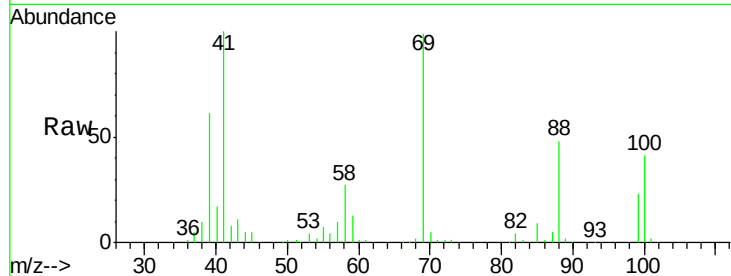
#49
1,4-Dioxane
Concen: 378.974 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.1	20.3	30.5
58	60.8	48.4	72.6

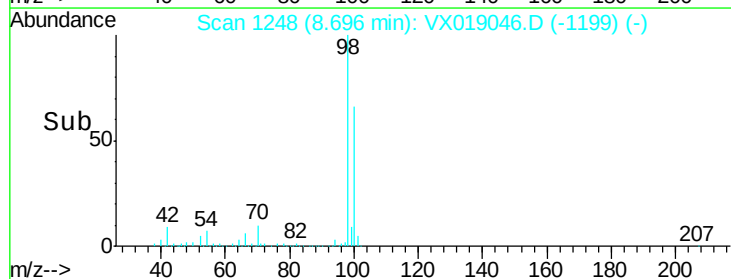
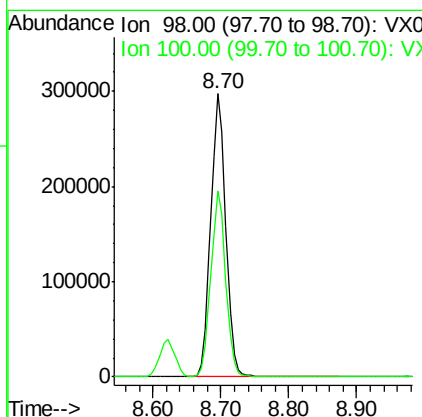
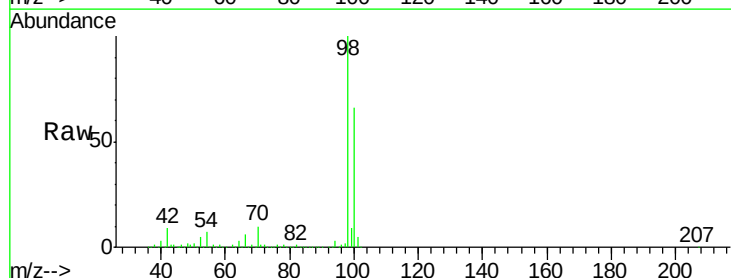
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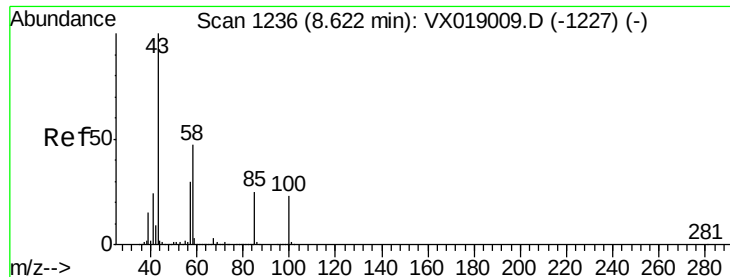
MMDadoda
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#50
Toluene-d8
Concen: 49.489 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.1	78.1





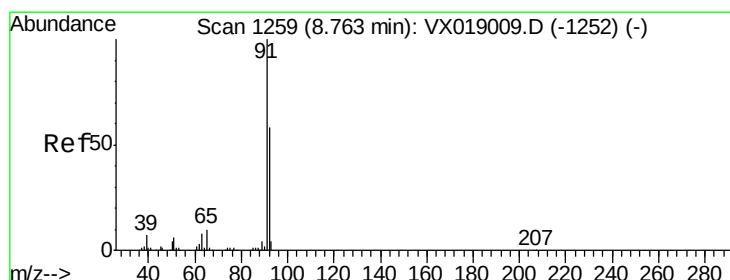
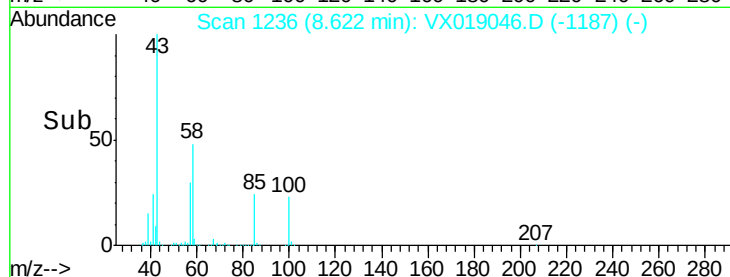
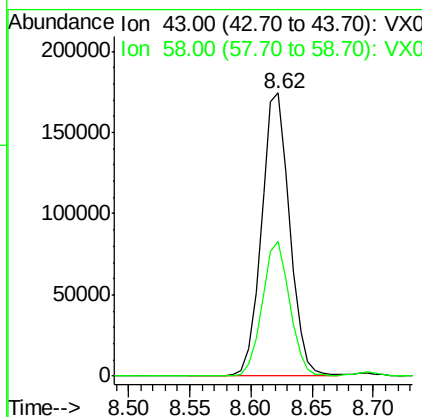
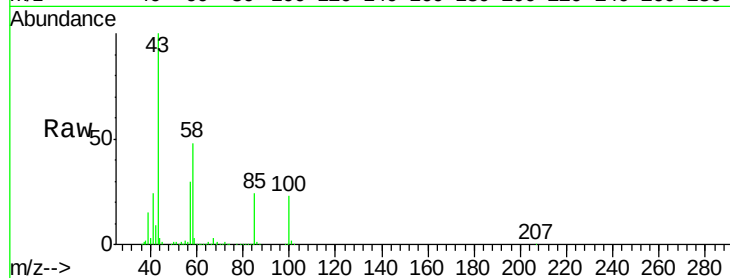
#51
4-Methyl-2-Pentanone
Concen: 95.273 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	46.7	37.4	56.0

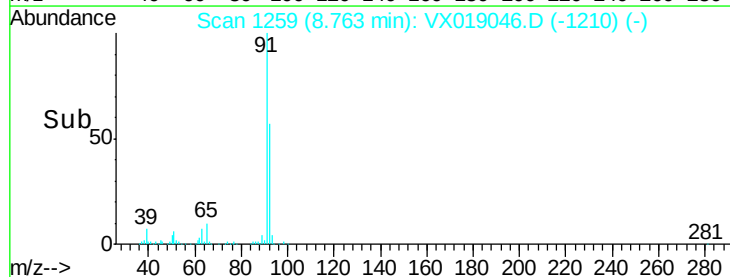
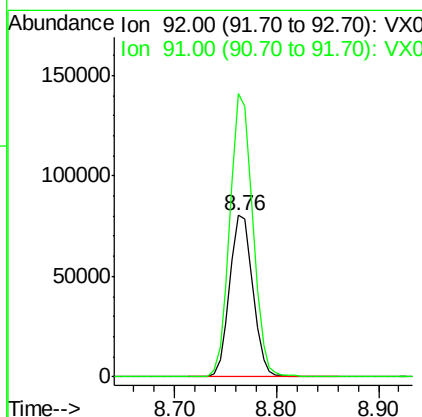
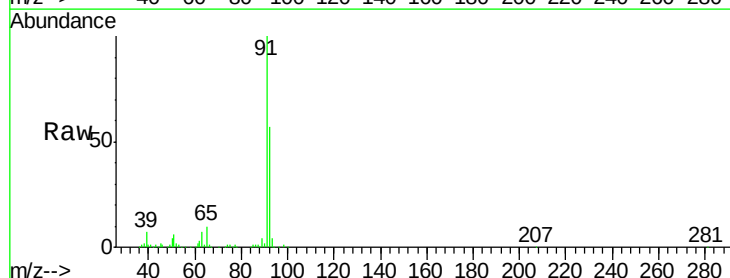
Manual Integrations
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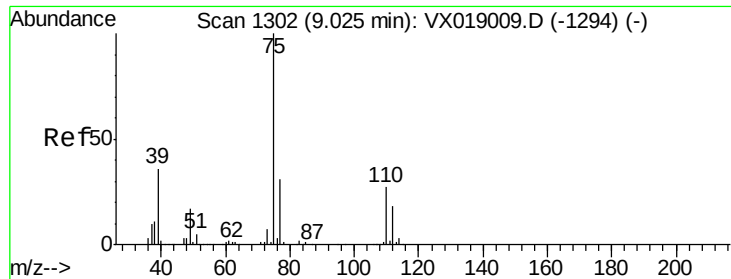
MMDadoda
10/23/2020 1:20:10 PM



#52
Toluene
Concen: 18.877 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.8	138.6	208.0





#53

t-1,3-Dichloropropene

Concen: 17.747 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

Tot Ion: 75 Resp: 72637

Ion Ratio Lower Upper

75 100

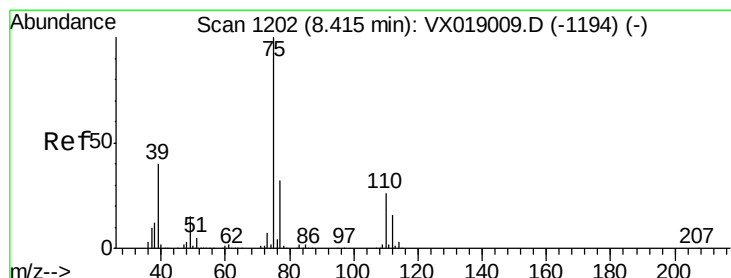
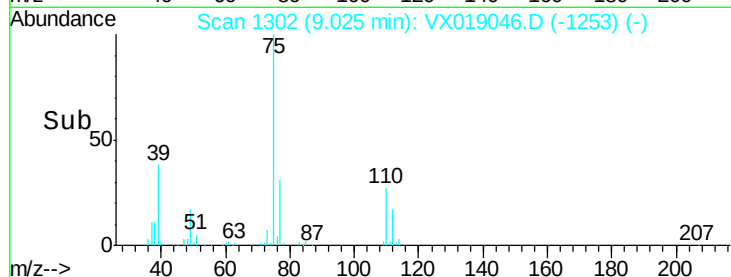
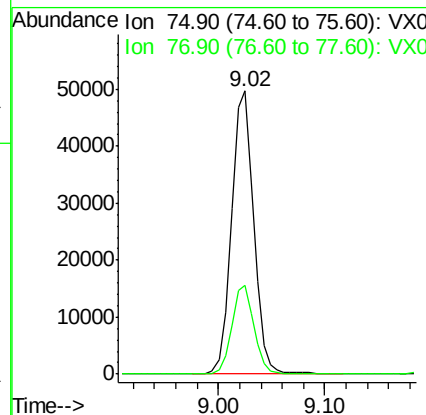
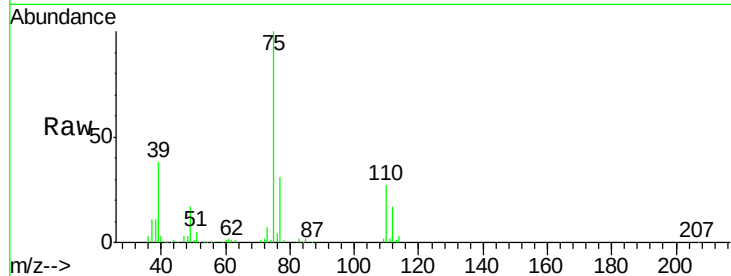
77 31.3 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.138 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

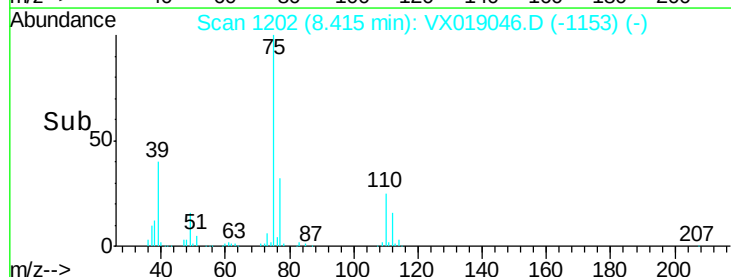
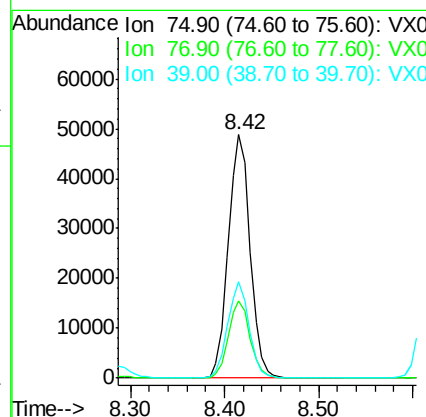
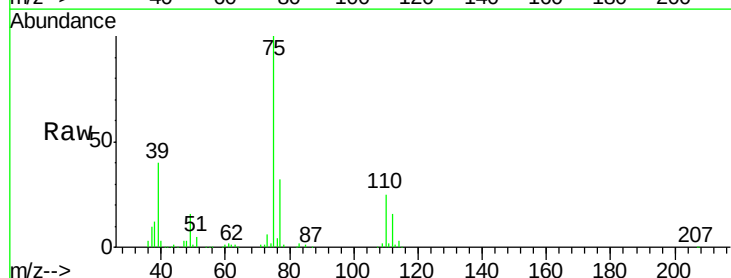
Tgt Ion: 75 Resp: 78392

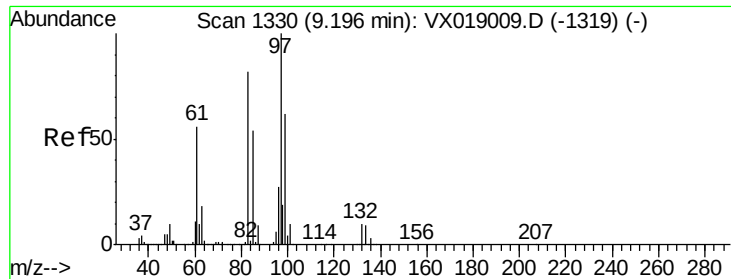
Ion Ratio Lower Upper

75 100

77 31.8 25.9 38.9

39 39.8 31.7 47.5





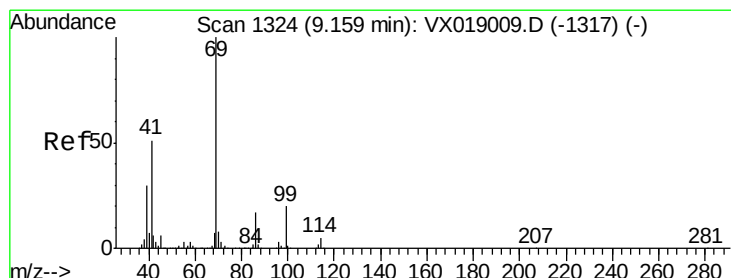
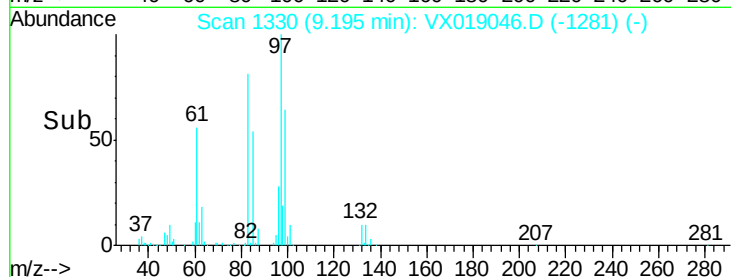
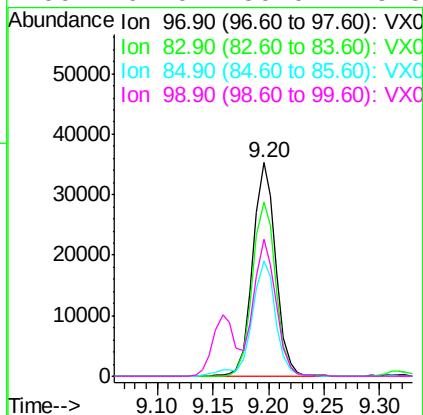
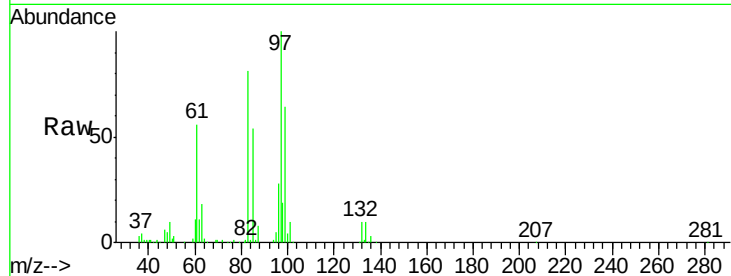
#55
 1,1,2-Trichloroethane
 Concen: 18.713 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		50980		
83	81.3	65.4	98.2		
85	53.7	43.3	64.9		
99	64.0	50.0	75.0		

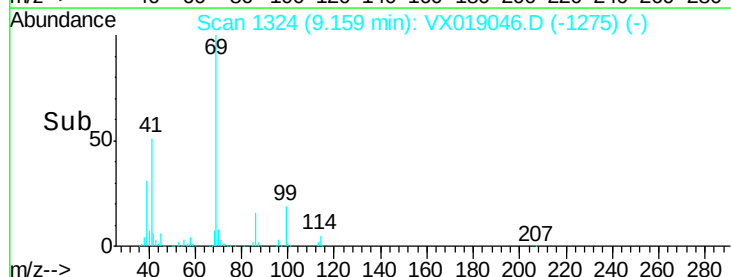
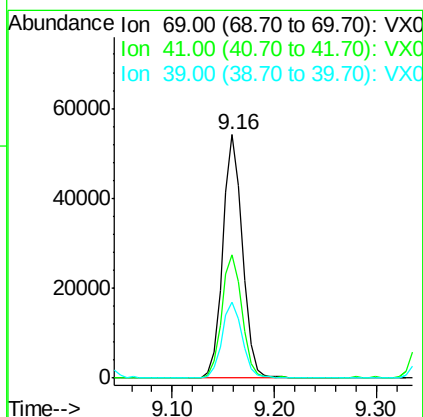
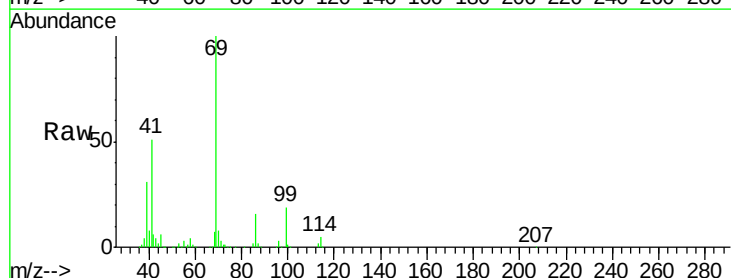
Manual Integrations
 APPROVED

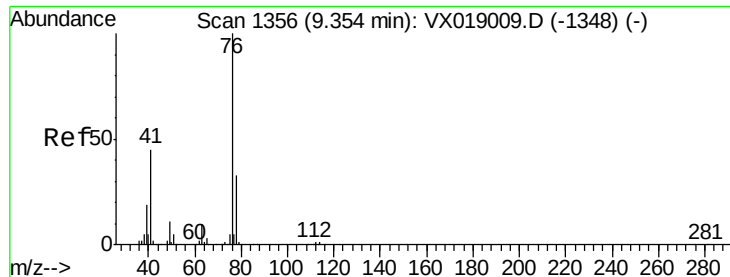
MMDadoda
 10/23/2020 1:20:10 PM



#56
 Ethyl methacrylate
 Concen: 18.589 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		72858		
41	51.9	41.1	61.7		
39	32.2	24.6	37.0		





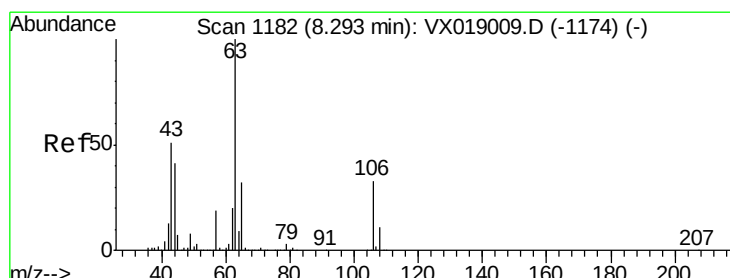
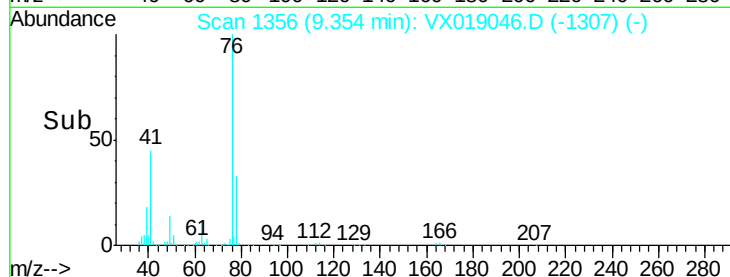
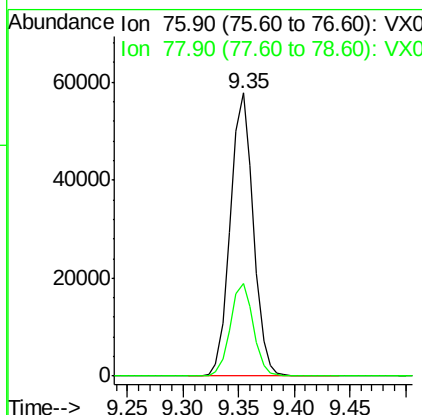
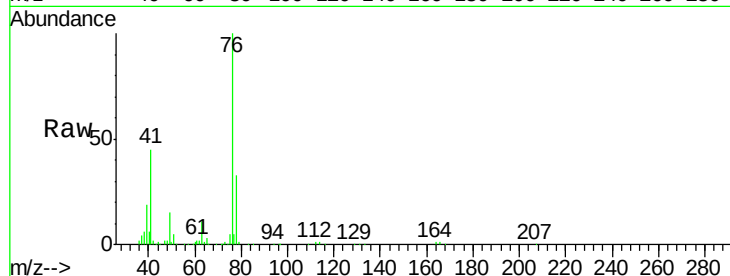
#57
 1,3-Dichloropropane
 Concen: 19.148 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

Tot Ion: 76 Resp: 82797
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.4

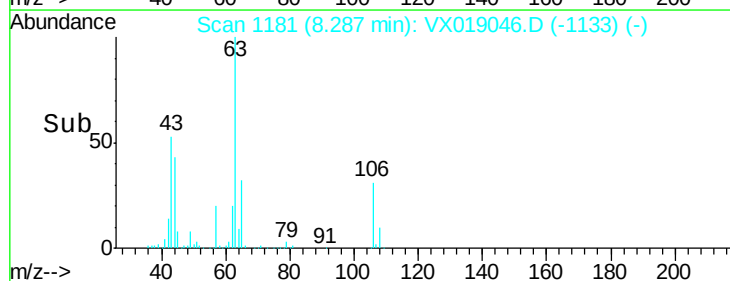
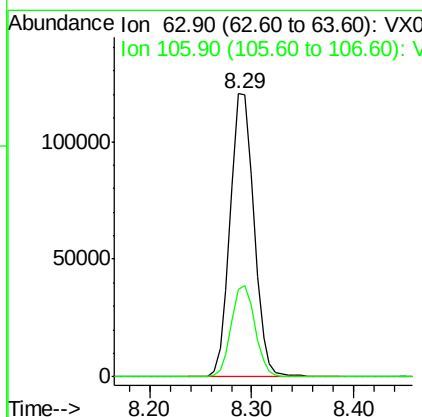
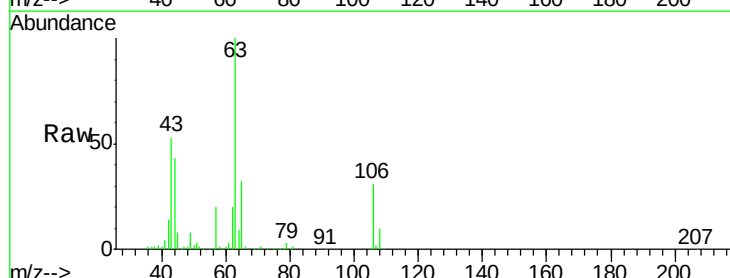
Manual Integrations
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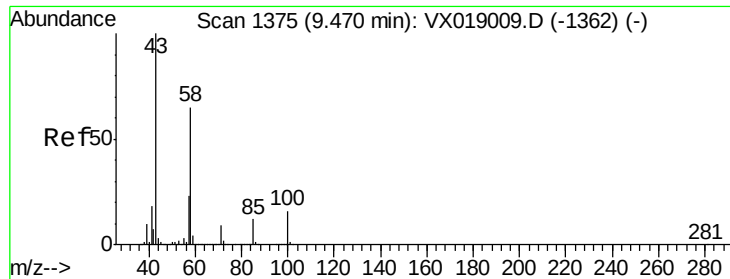
MMDadoda
 10/23/2020 1:20:10 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.409 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion: 63 Resp: 194379
 Ion Ratio Lower Upper
 63 100
 106 32.0 26.0 39.0





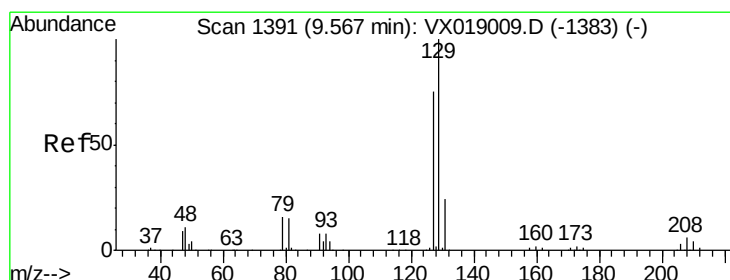
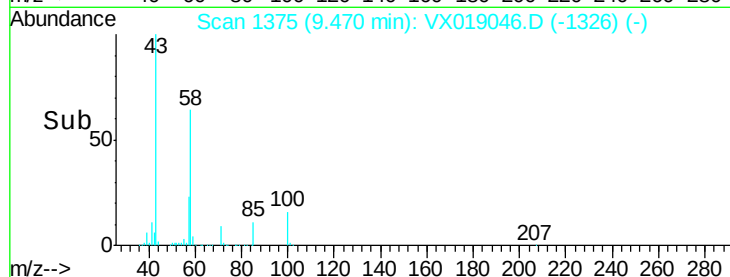
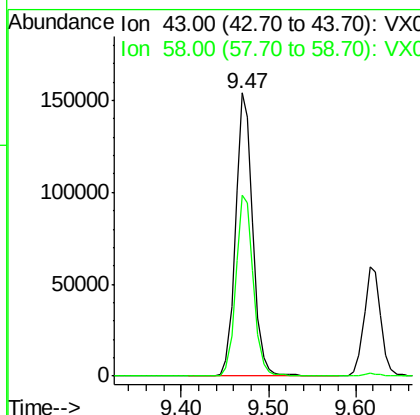
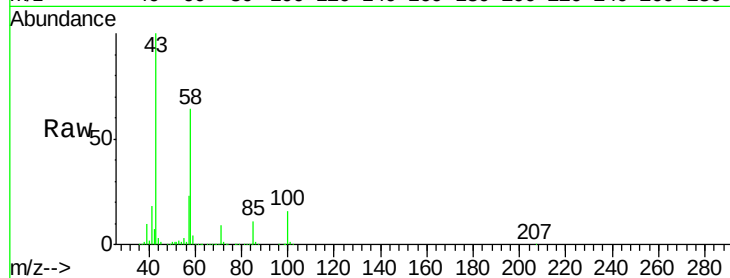
#59
2-Hexanone
Concen: 97.246 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	65.1	32.8	98.4

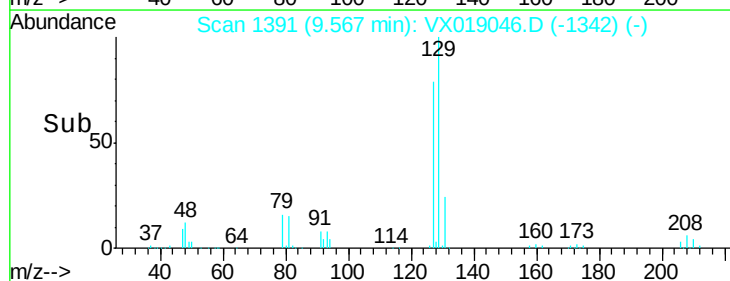
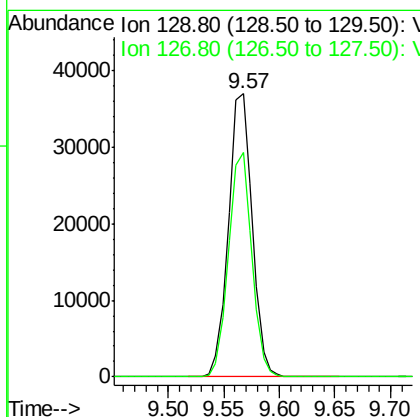
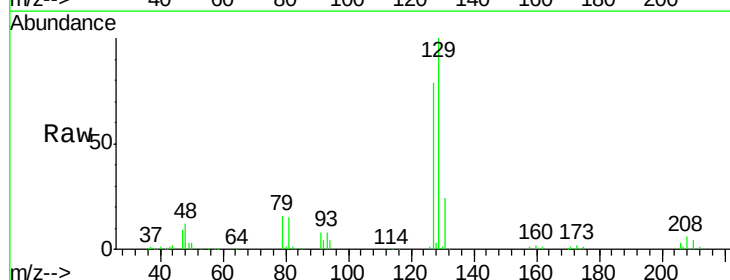
Manual Integrations
APPROVED

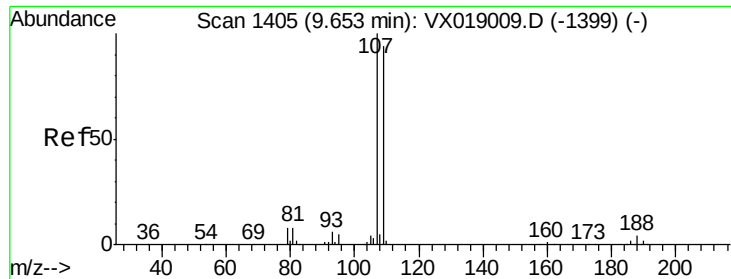
MMDadoda
10/23/2020 1:20:10 PM



#60
Dibromochloromethane
Concen: 18.393 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.6	115.7





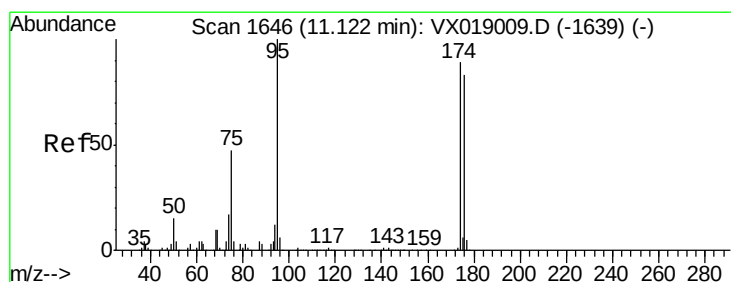
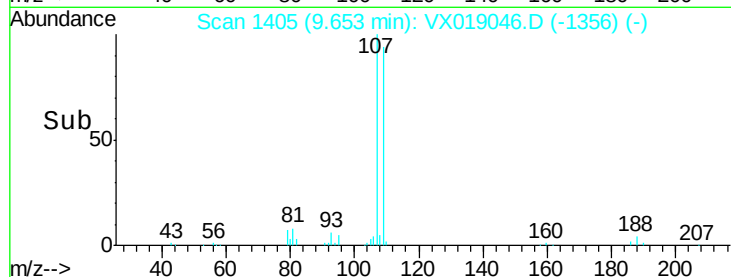
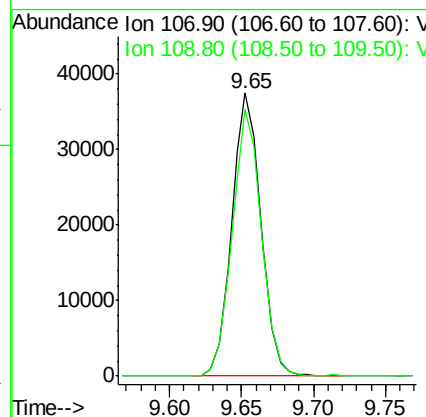
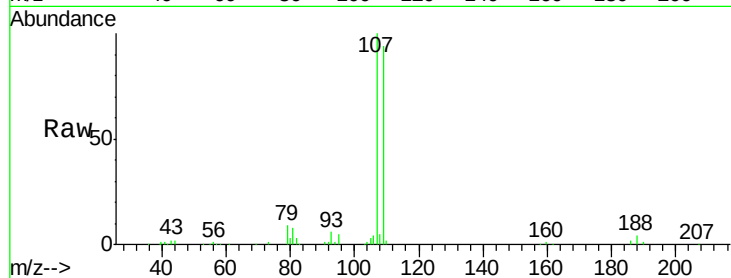
#61
 1,2-Dibromoethane
 Concen: 18.254 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.0	112.6

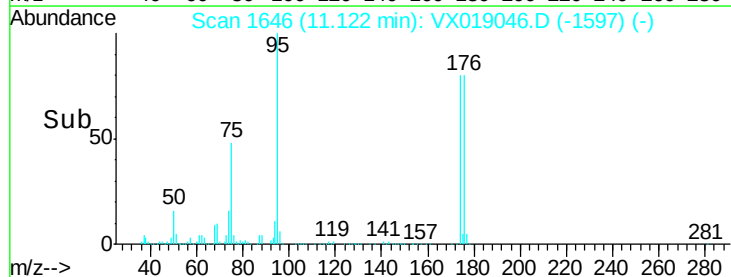
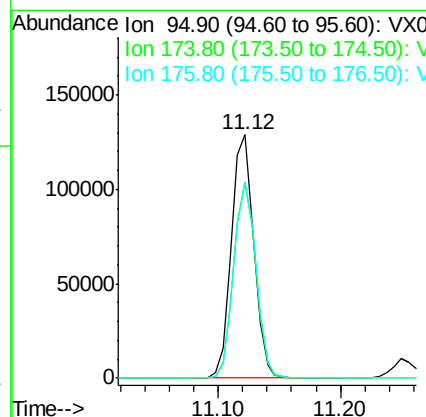
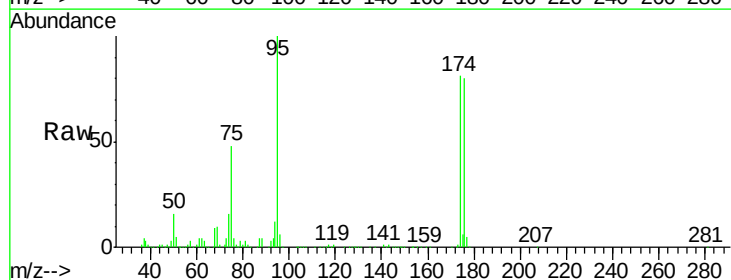
Manual Integrations
 APPROVED

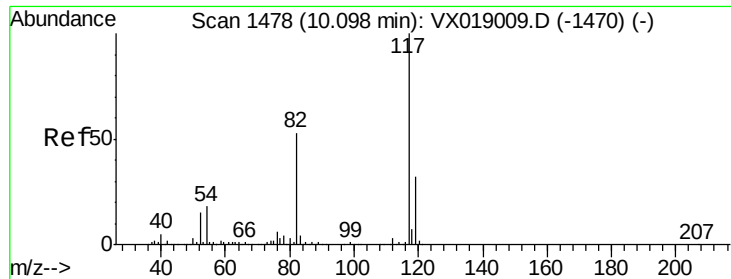
MMDadoda
 10/23/2020 1:20:10 PM



#62
 4-Bromofluorobenzene
 Concen: 49.243 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	167.6
176	80.3	0.0	165.2





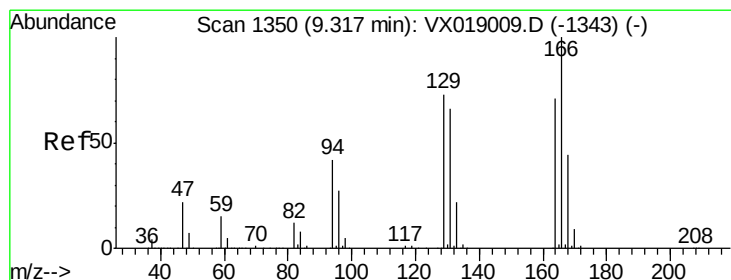
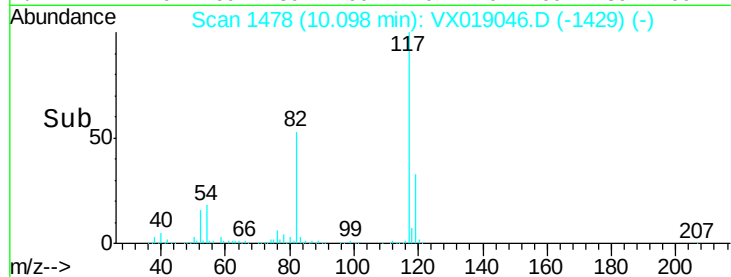
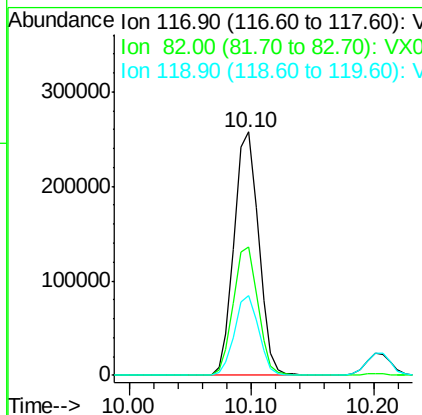
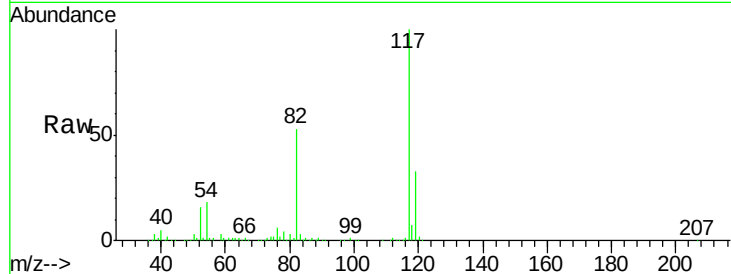
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.4	63.6
119	32.6	25.6	38.4

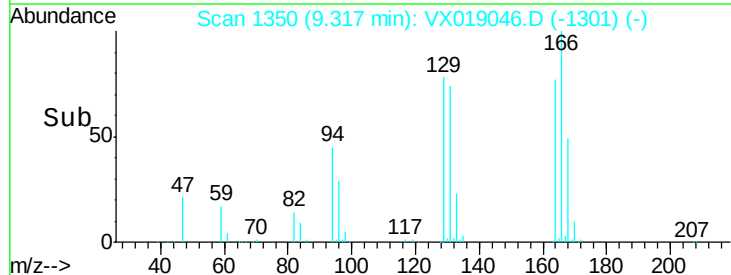
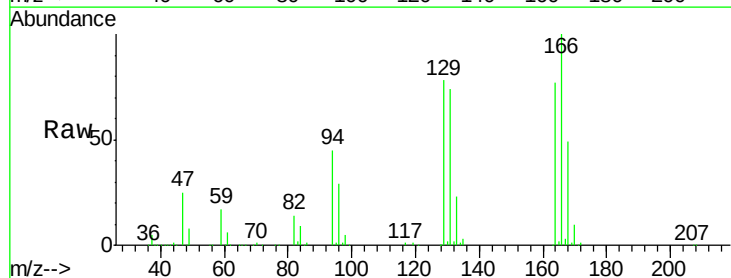
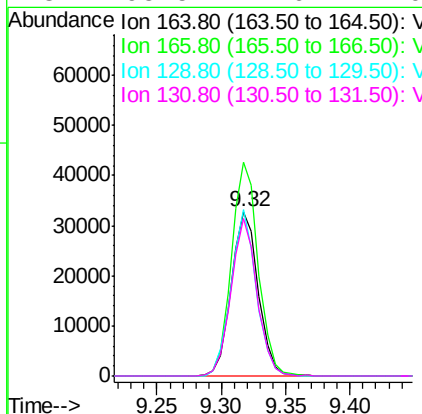
Manual Integrations
APPROVED

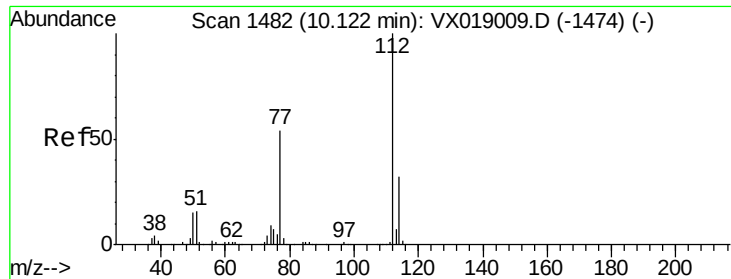
MMDadoda
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#64
Tetrachloroethene
Concen: 17.565 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	112.2	168.4
129	101.2	81.8	122.8
131	95.5	74.6	112.0





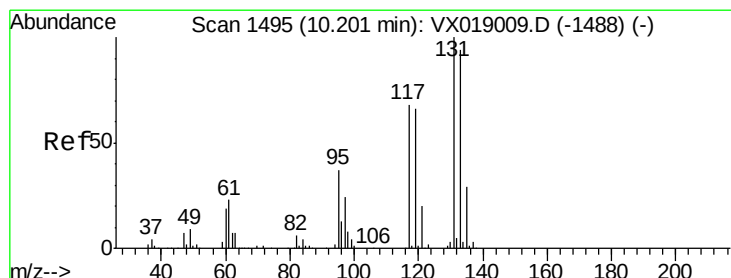
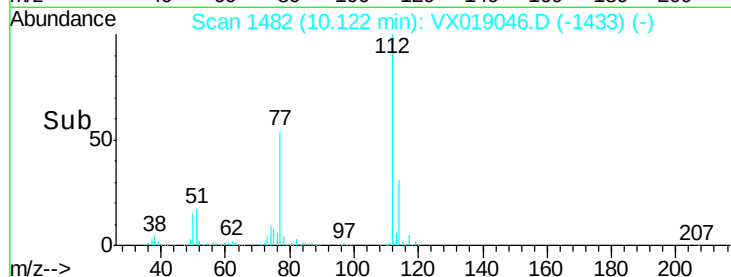
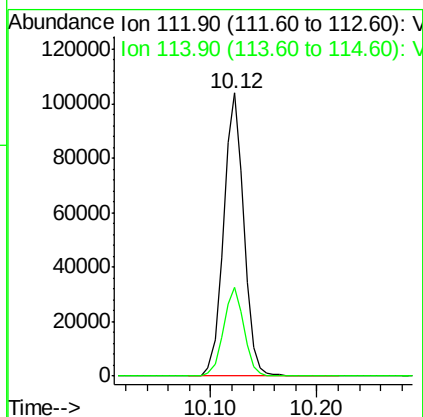
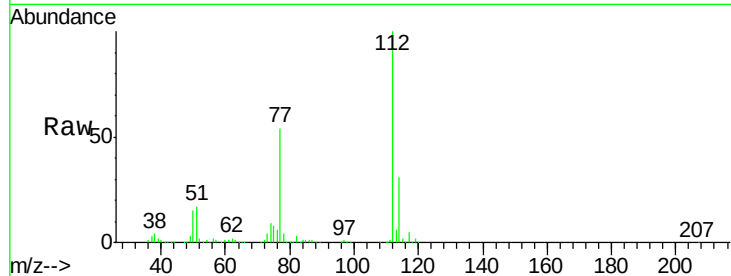
#65
Chlorobenzene
Concen: 18.353 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

Tot Ion:112 Resp: 137600
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3

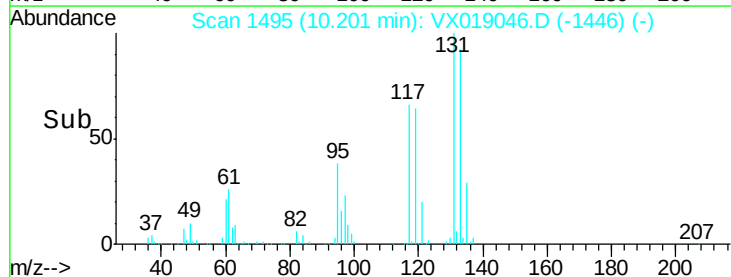
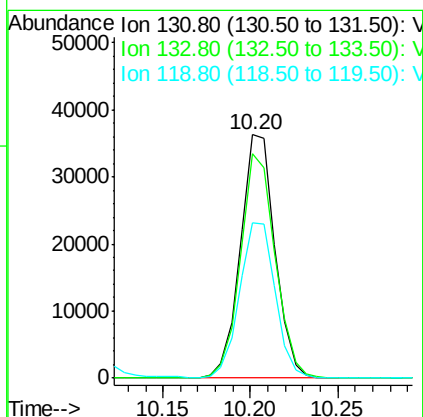
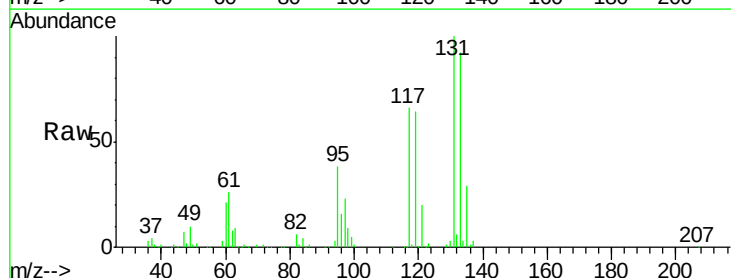
Manual Integrations
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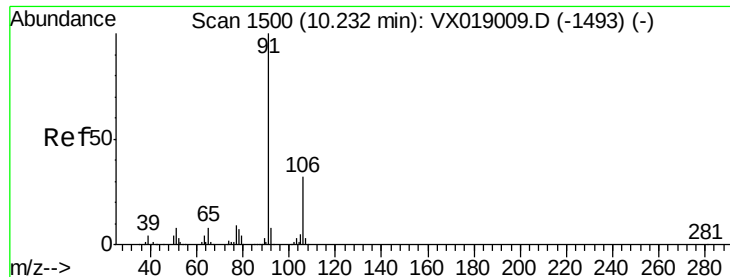
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.704 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion:131 Resp: 49858
Ion Ratio Lower Upper
131 100
133 92.5 47.0 141.2
119 66.1 32.9 98.7





#67

Ethyl Benzene

Concen: 18.546 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

Tot Ion: 91 Resp: 239689

Ion Ratio Lower Upper

91 100

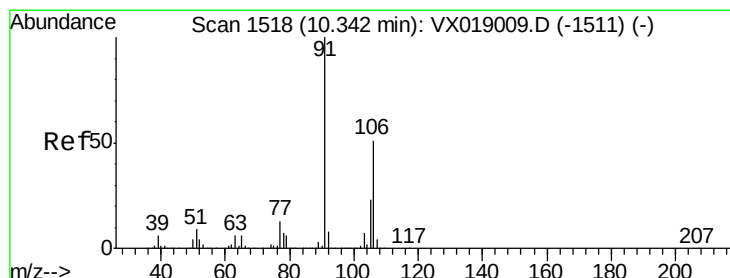
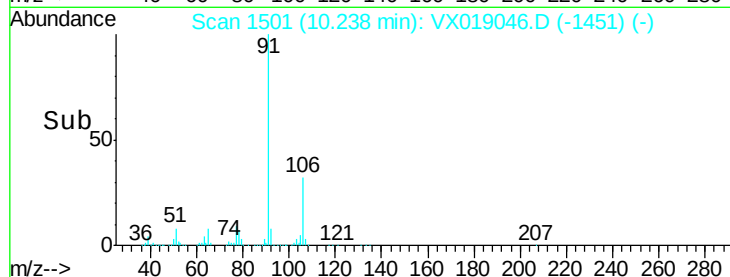
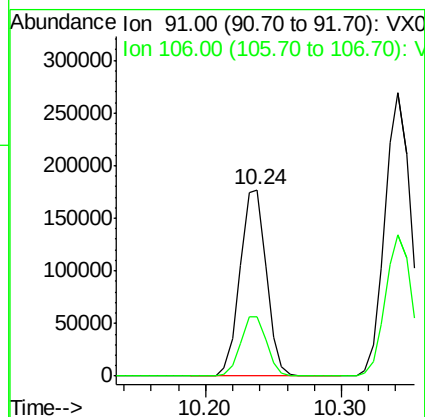
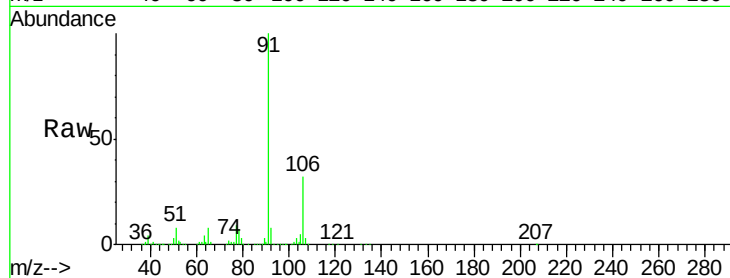
106 31.7 25.3 37.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.040 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019046.D

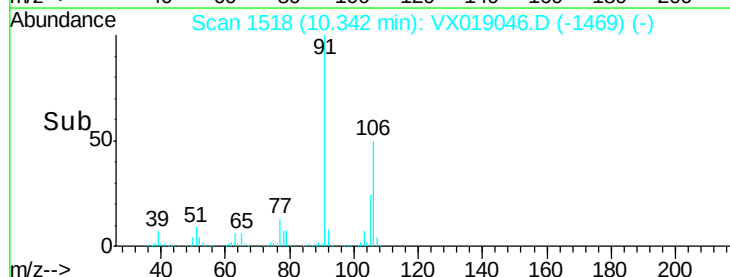
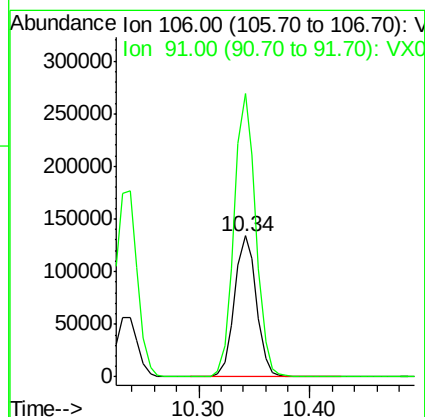
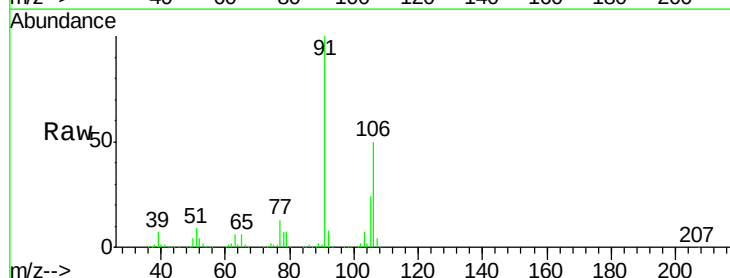
Acq: 22 Oct 2020 23:28

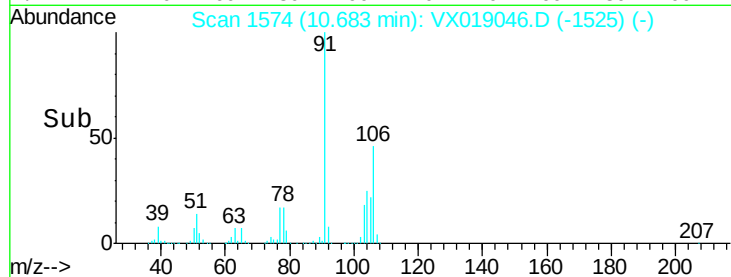
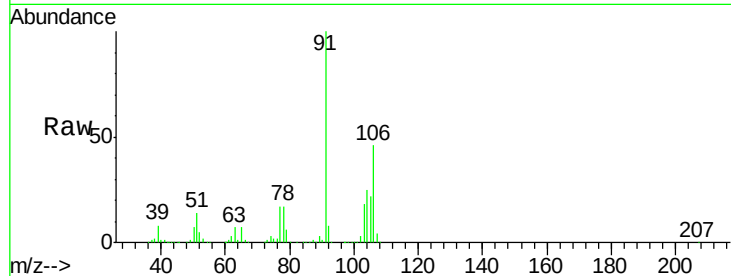
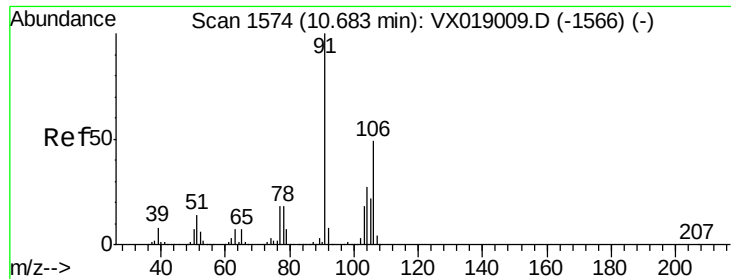
Tgt Ion: 106 Resp: 183370

Ion Ratio Lower Upper

106 100

91 197.2 156.9 235.3





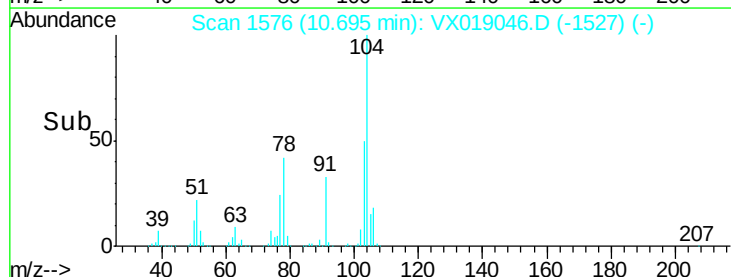
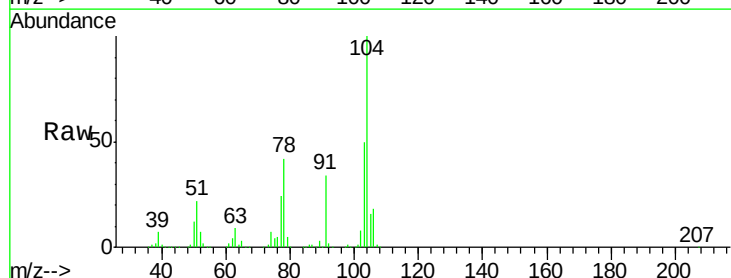
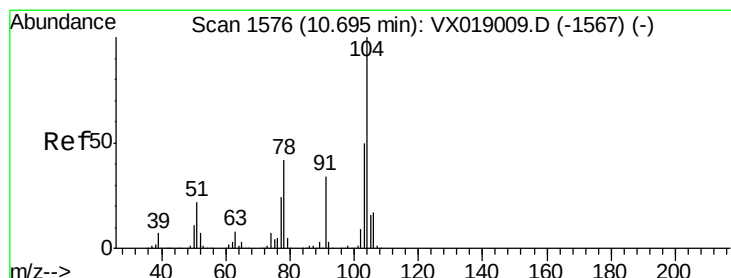
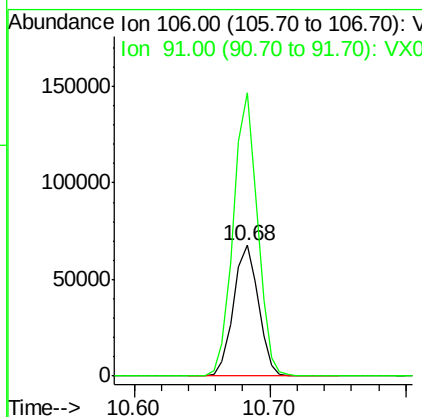
#69
o-Xylene
Concen: 18.299 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tot Ion:106 Resp: 86702
Ion Ratio Lower Upper
106 100
91 210.0 104.0 312.0

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

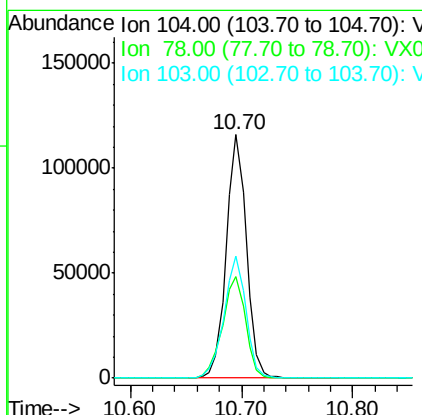
Manual Integrations
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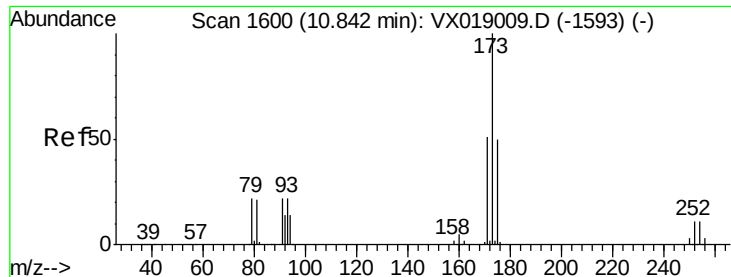
MMDadoda
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#70
Styrene
Concen: 18.102 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion:104 Resp: 145617
Ion Ratio Lower Upper
104 100
78 47.9 37.7 56.5
103 54.3 43.5 65.3





#71

Bromoform

Concen: 17.689 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

Tot Ion:173 Resp: 38063

Ion Ratio Lower Upper

173 100

175 47.0 24.1 72.4

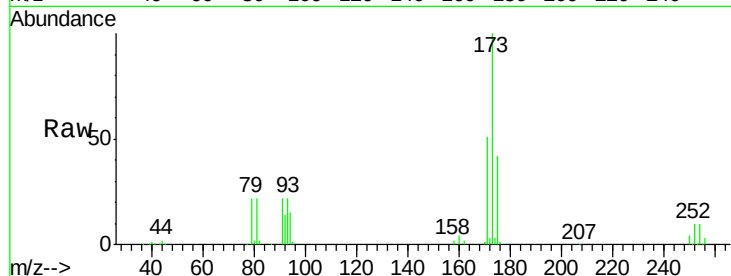
254 0.1 0.1 0.1#

Manual Integrations

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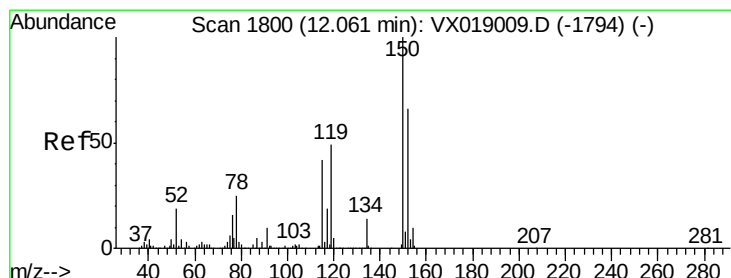
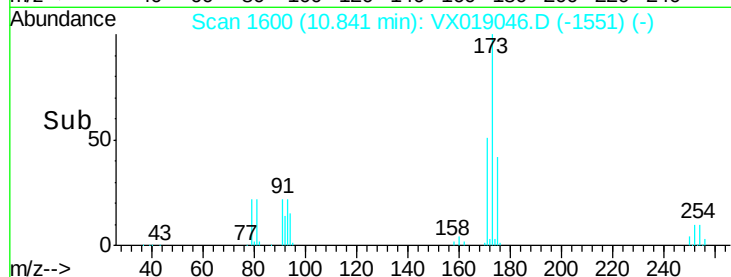
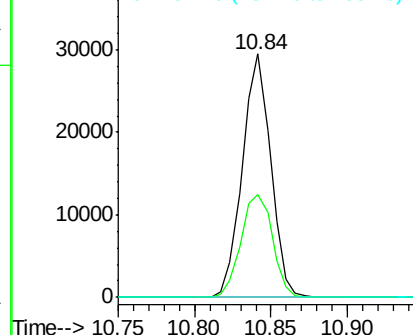
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

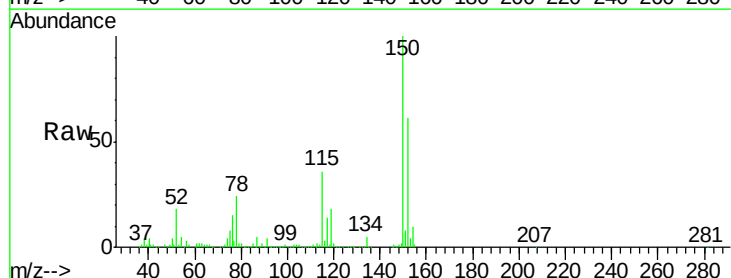
Tgt Ion:152 Resp: 179023

Ion Ratio Lower Upper

152 100

115 66.1 40.8 122.5

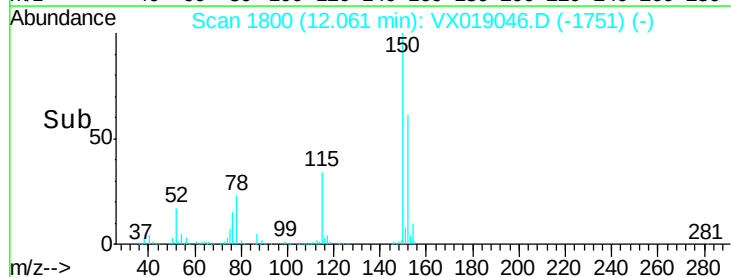
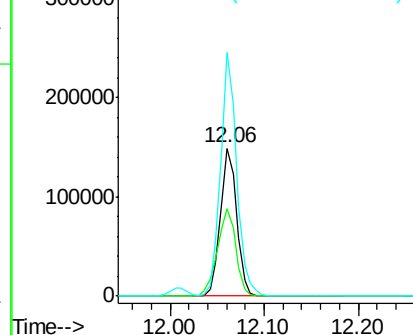
150 163.0 0.0 345.6

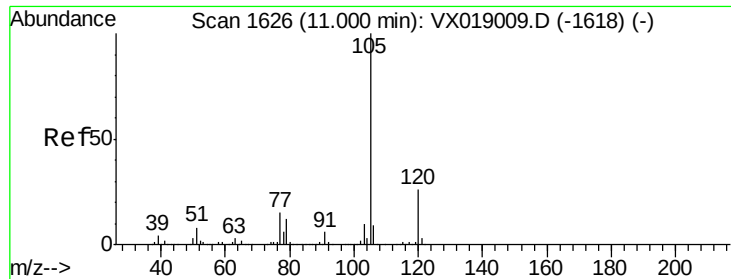


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.309 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

Tot Ion: 105 Resp: 235797

Ion Ratio Lower Upper

105 100

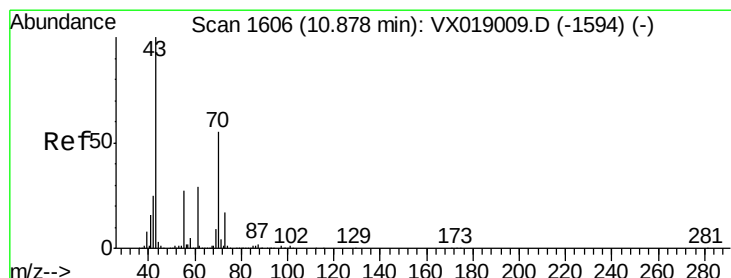
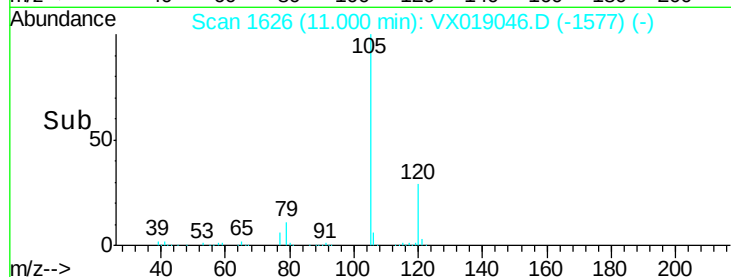
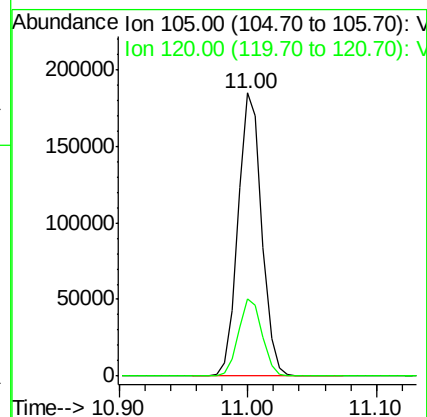
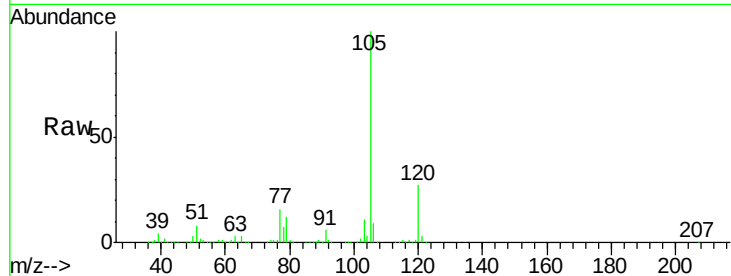
120 27.3 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.195 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Tgt Ion: 43 Resp: 75078

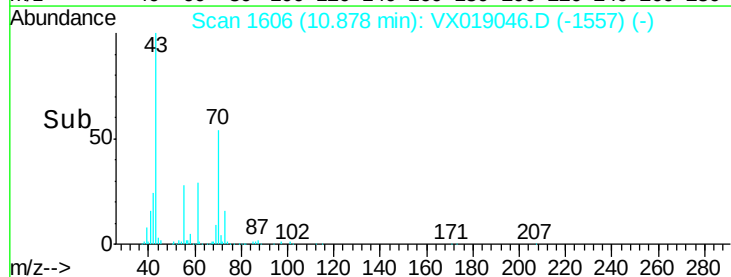
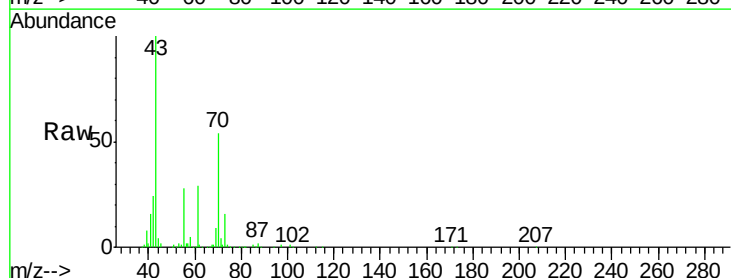
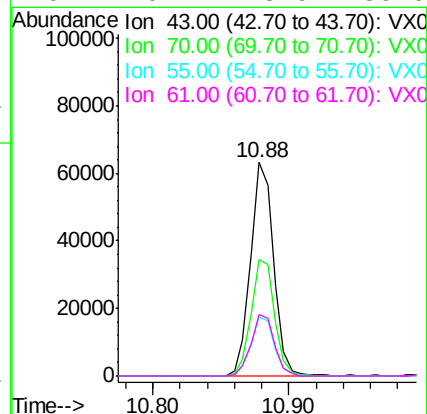
Ion Ratio Lower Upper

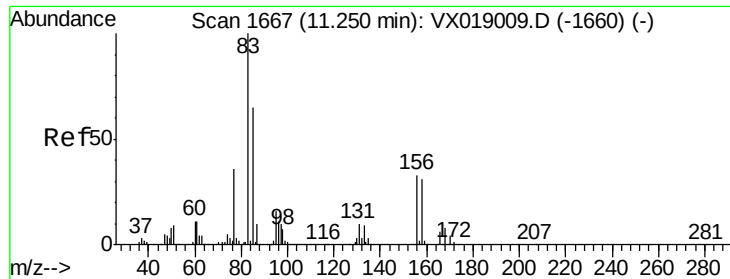
43 100

70 55.6 44.5 66.7

55 28.5 21.9 32.9

61 29.2 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.313 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

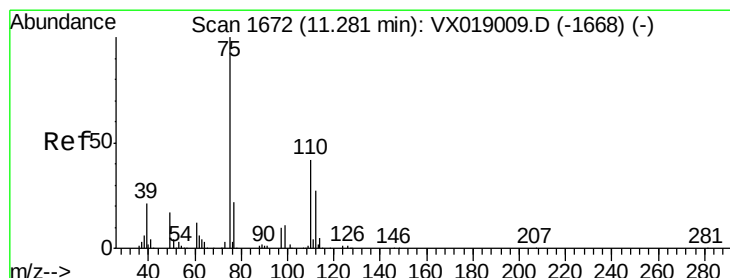
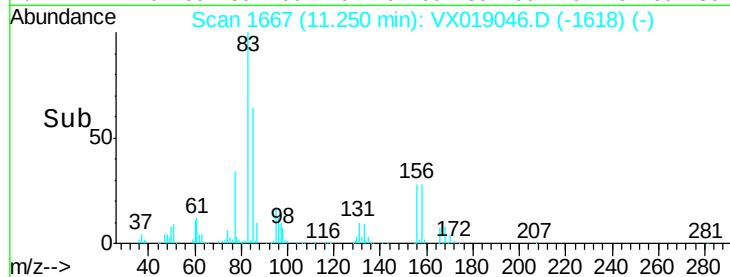
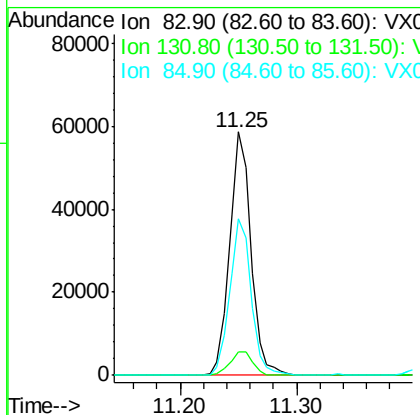
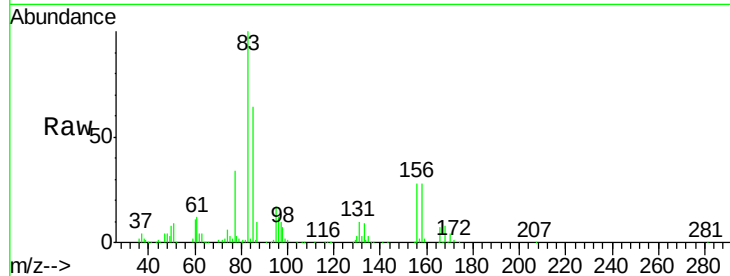
ClientSampleId :

VX1022WBSD02

Tot Ion:	83	Resp:	74929
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.4
85	64.7	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.060 ug/l m

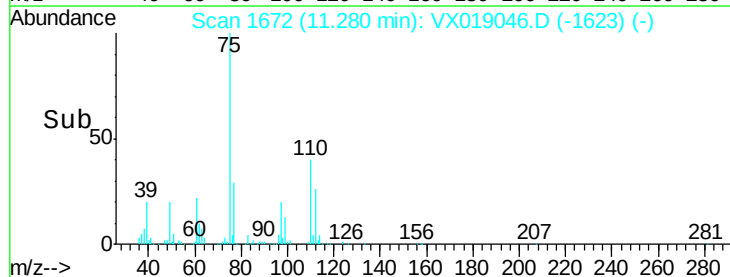
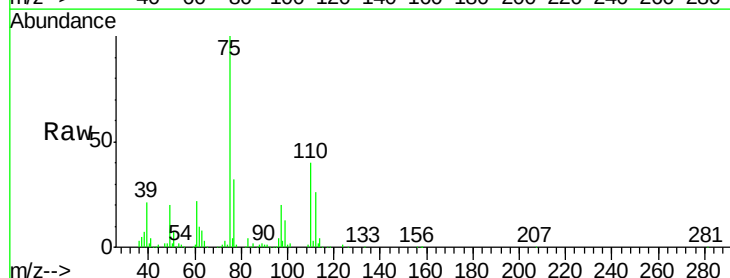
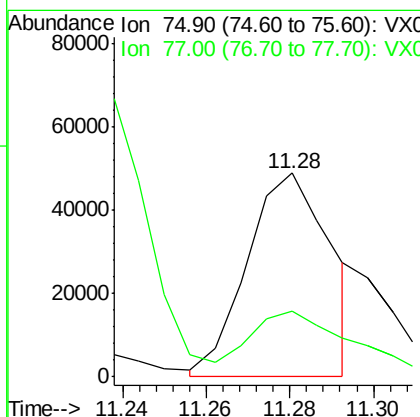
RT: 11.28 min Scan# 1672

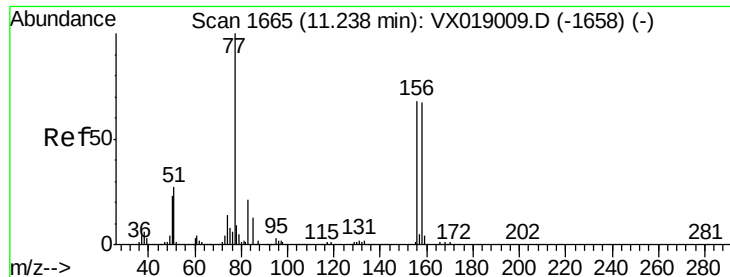
Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Tgt Ion:	75	Resp:	68199
Ion	Ratio	Lower	Upper
75	100		
77	39.8	20.7	62.1





#77

Bromobenzene

Concen: 17.991 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

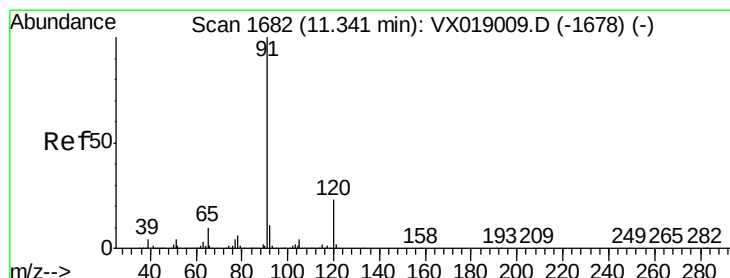
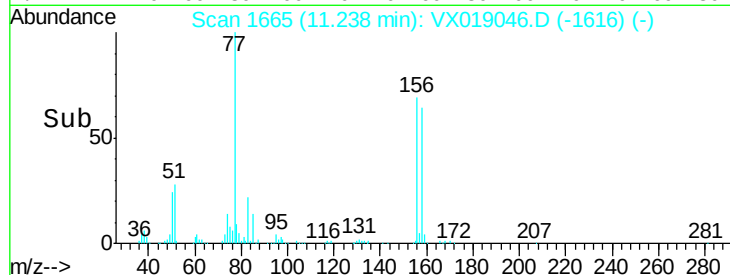
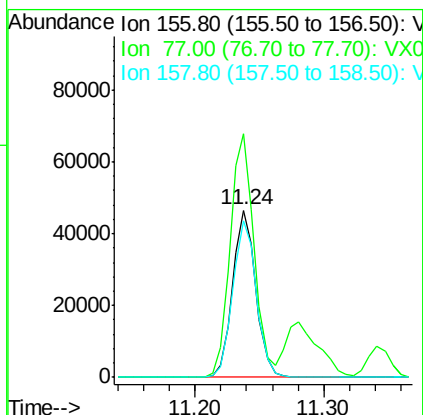
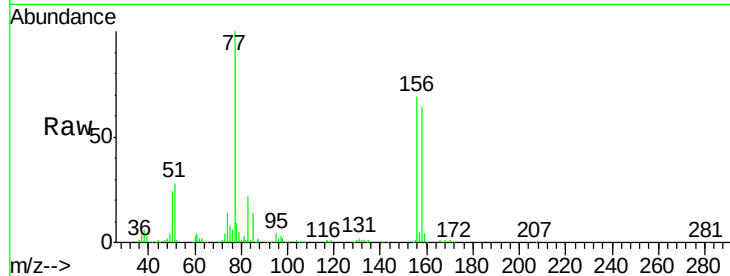
ClientSampleId :

VX1022WBSD02

Tot Ion:	156	Resp:	58514
Ion	Ratio	Lower	Upper
156	100		
77	150.9	74.4	223.1
158	95.5	48.8	146.3

Manual Integrations
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MMDadoda
10/23/2020 1:20:10 PM



#78

n-propylbenzene

Concen: 18.215 ug/l

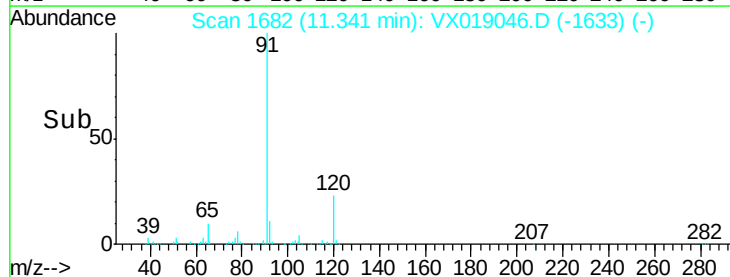
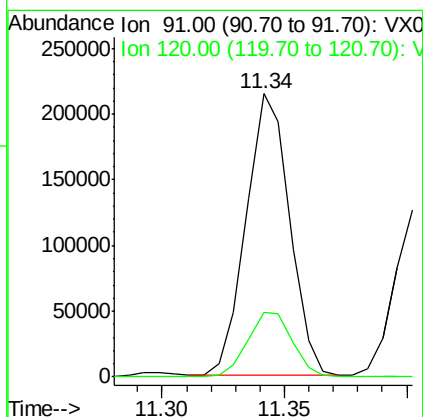
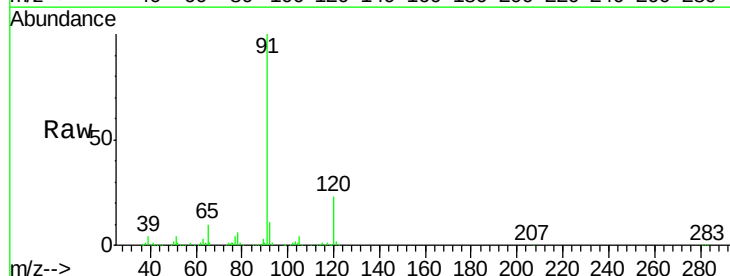
RT: 11.34 min Scan# 1682

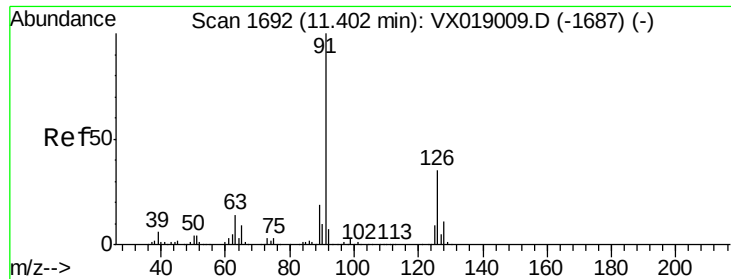
Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Tgt Ion:	91	Resp:	265810
Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.1	36.3





#79

2-Chlorotoluene

Concen: 18.289 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD02

Tot Ion: 91 Resp: 155696

Ion Ratio Lower Upper

91 100

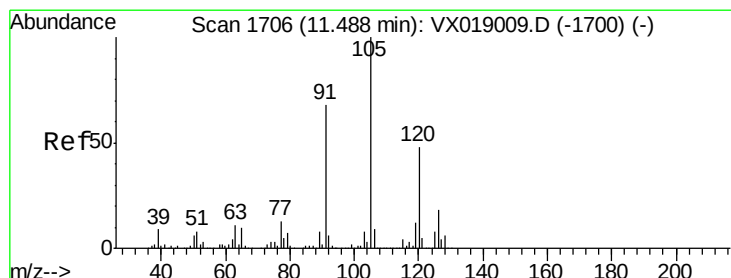
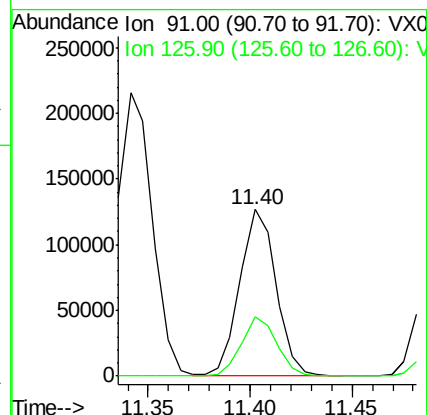
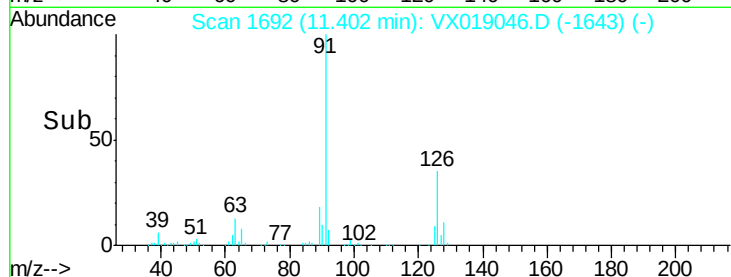
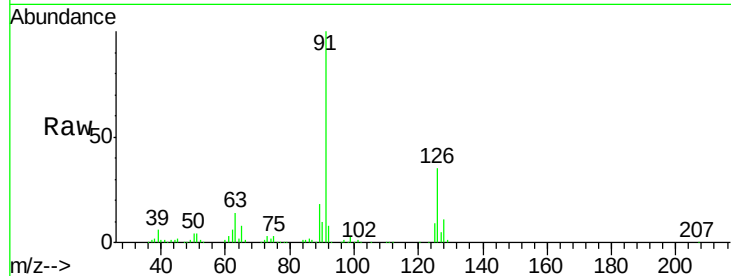
126 35.0 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 18.286 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019046.D

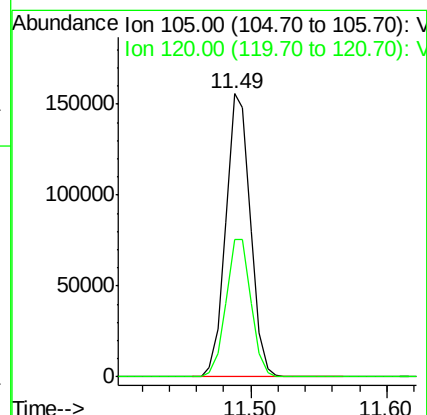
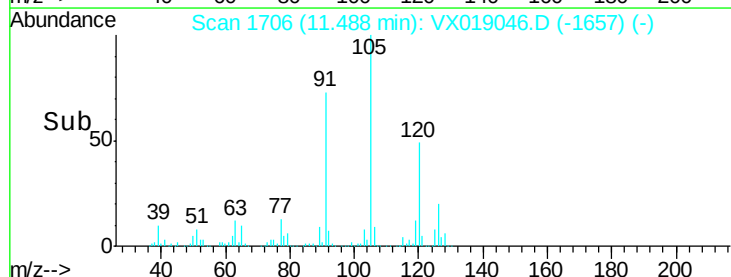
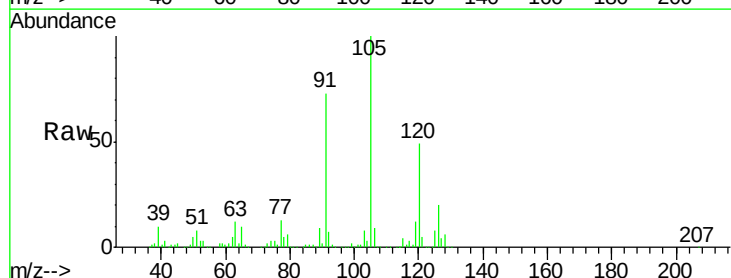
Acq: 22 Oct 2020 23:28

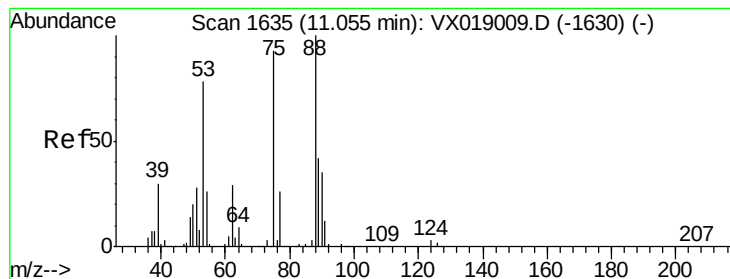
Tgt Ion: 105 Resp: 194466

Ion Ratio Lower Upper

105 100

120 49.5 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 15.975 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

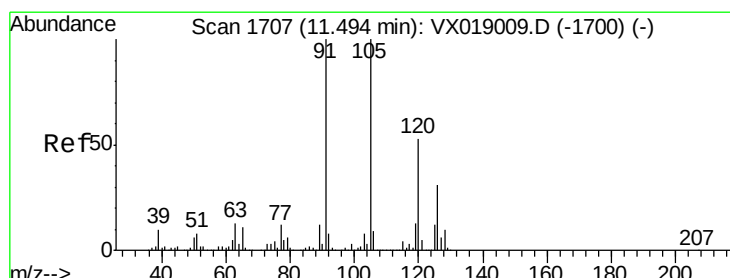
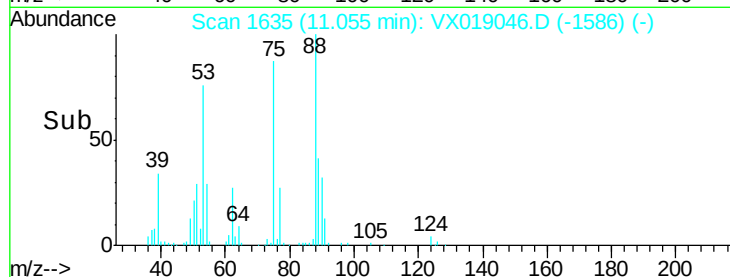
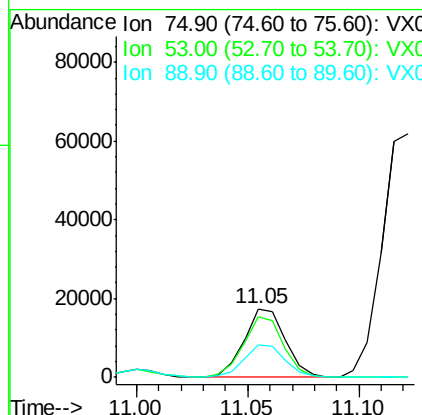
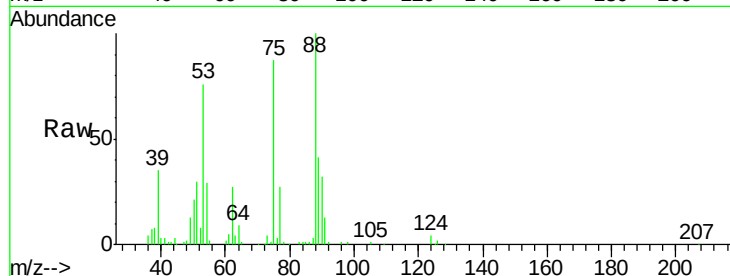
ClientSampleId :

VX1022WBSD02

Tot Ion:	75	Resp:	22436
Ion	Ratio	Lower	Upper
75	100		
53	87.7	67.4	101.2
89	47.5	37.2	55.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.151 ug/l

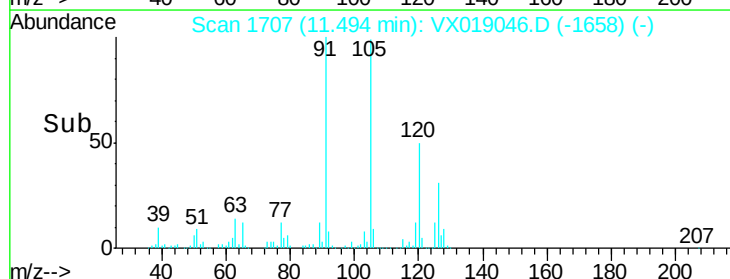
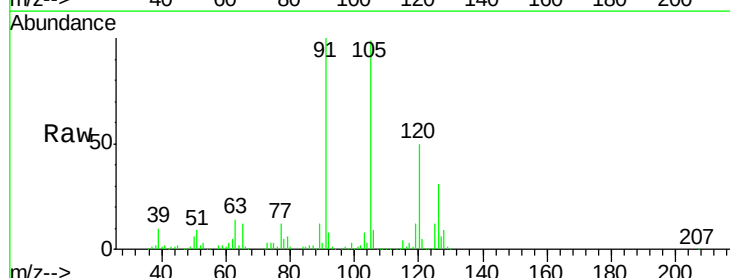
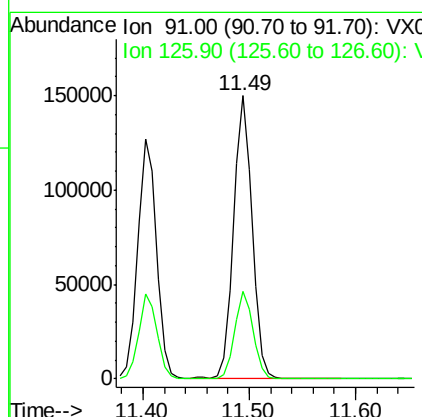
RT: 11.49 min Scan# 1707

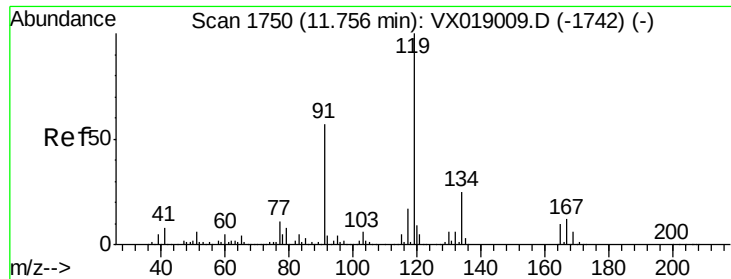
Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Tgt Ion:	91	Resp:	183865
Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.6	46.7





#83

tert-Butylbenzene

Concen: 18.047 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

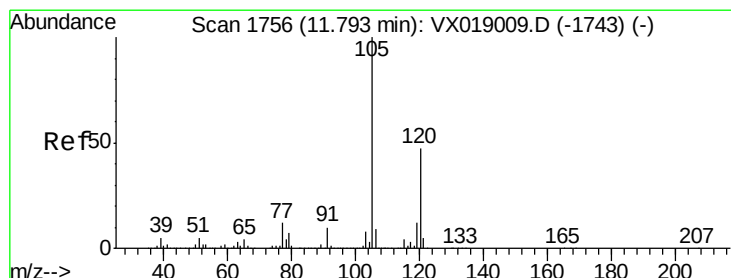
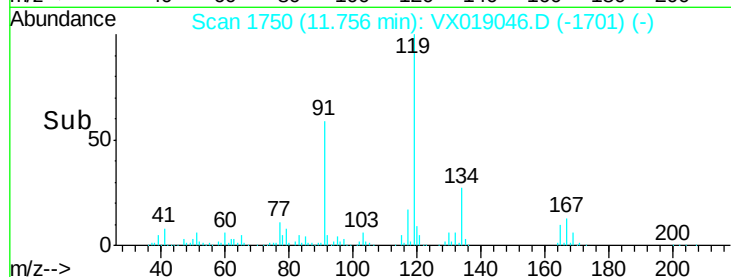
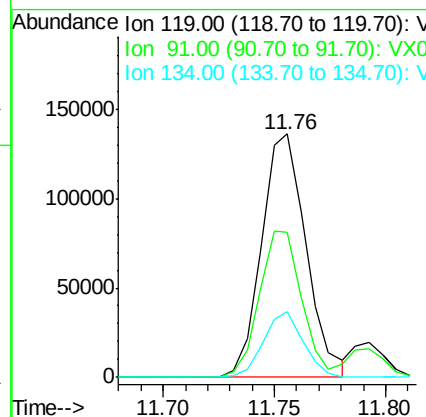
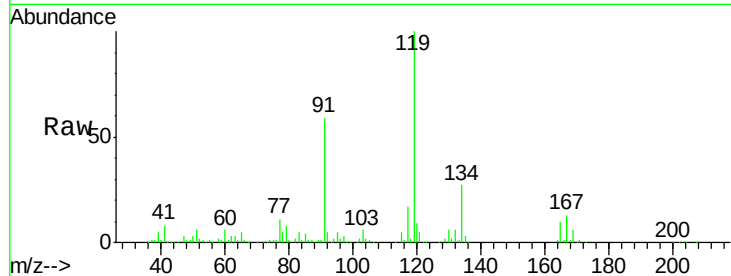
ClientSampleId :

VX1022WBSD02

Tot Ion:	119	Resp:	189069
Ion Ratio	Lower	Upper	
119	100		
91	56.9	28.1	84.4
134	24.1	11.8	35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 18.229 ug/l

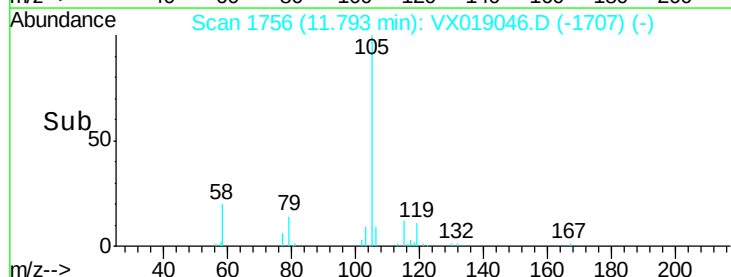
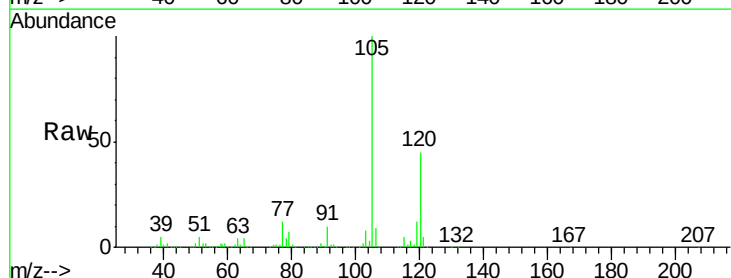
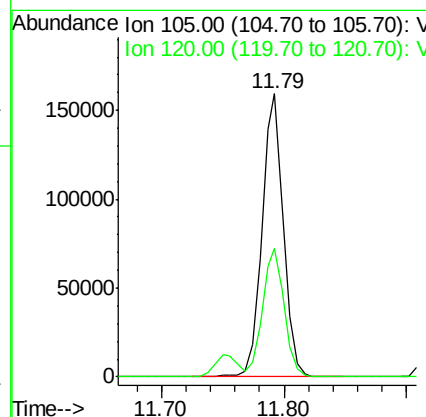
RT: 11.79 min Scan# 1756

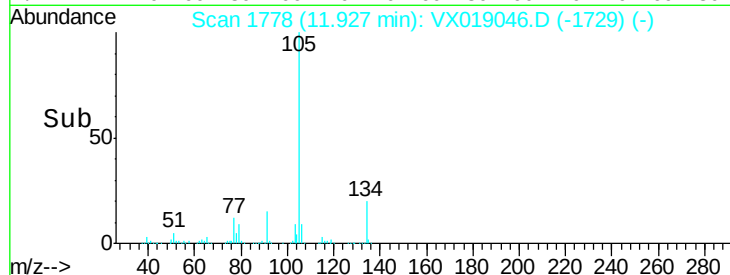
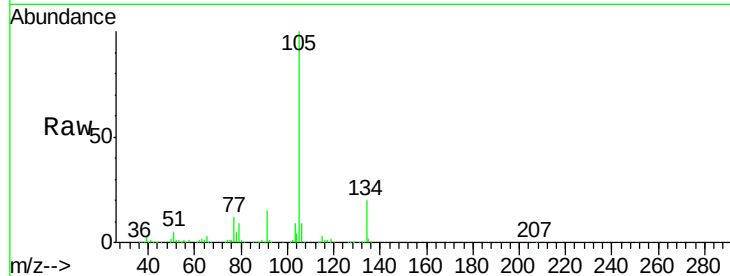
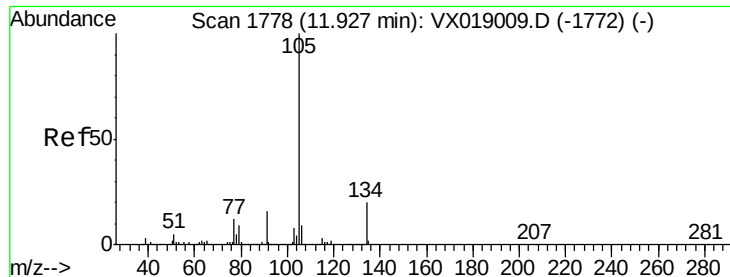
Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Tgt Ion:	105	Resp:	194122
Ion Ratio	Lower	Upper	
105	100		
120	45.9	22.9	68.8





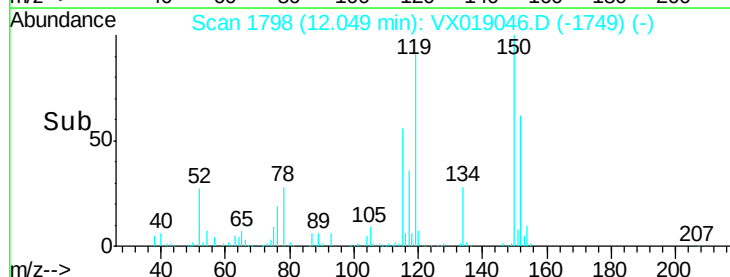
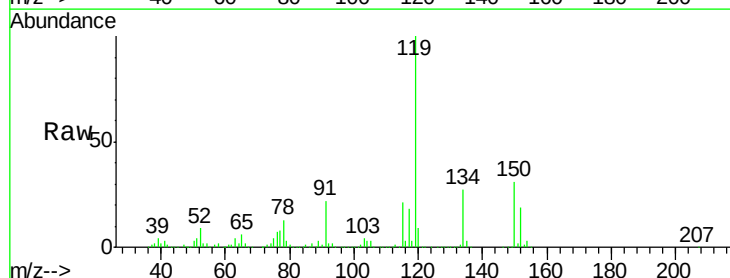
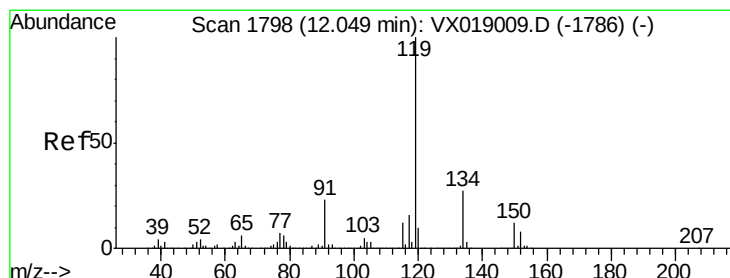
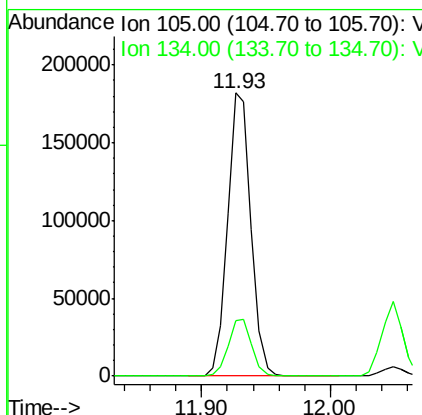
#85
 sec-Butylbenzene
 Concen: 18.198 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tot Ion	Ratio	Resp	Lower	Upper
105	100	230709		
134	20.2	10.4	31.1	

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

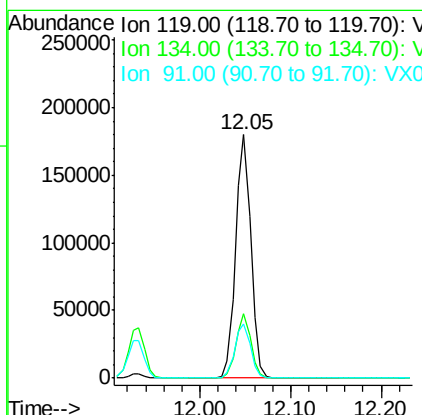
Manual Integrations
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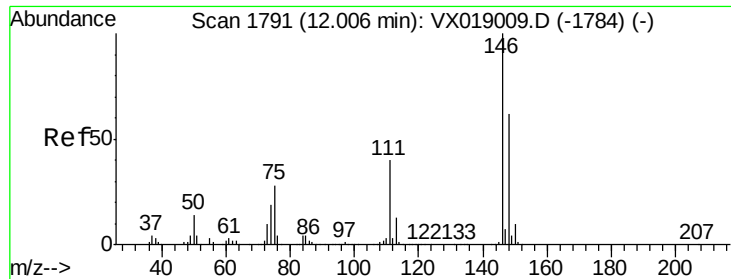
MMDadoda
 10/23/2020 1:20:10 PM



#86
 p-Isopropyltoluene
 Concen: 18.054 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	209131		
134	26.0	13.3	39.8	
91	23.1	11.4	34.2	





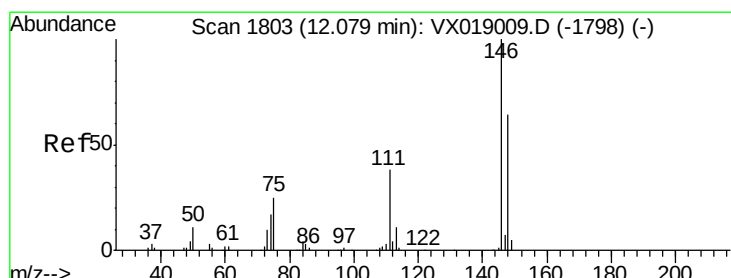
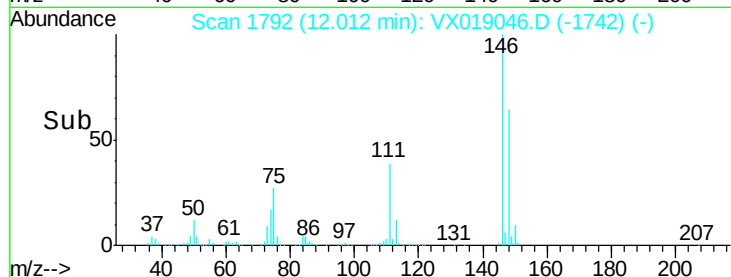
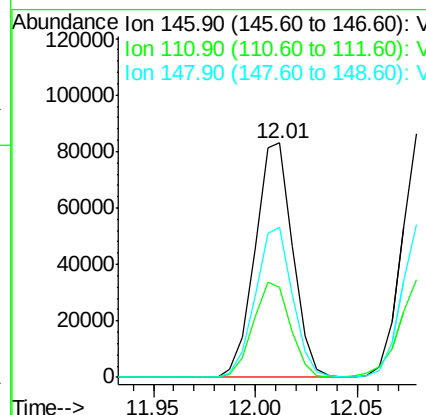
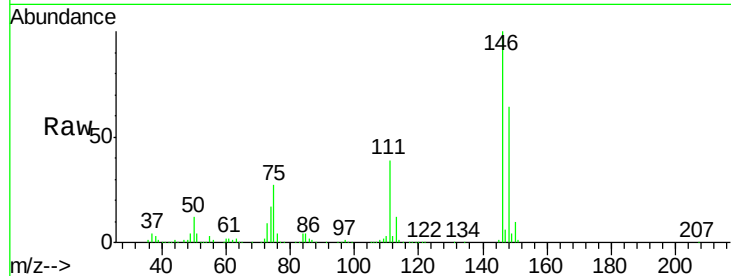
#87
 1,3-Dichlorobenzene
 Concen: 17.916 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.7	59.1
148	63.2	32.0	96.0

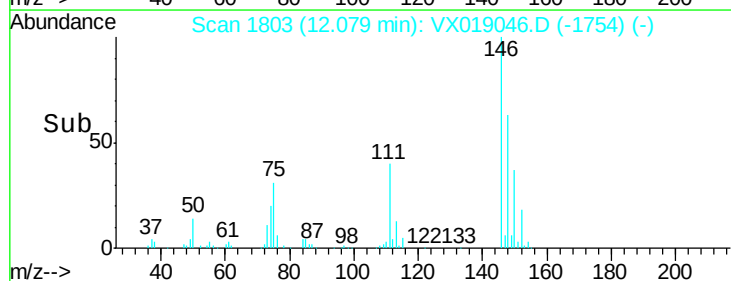
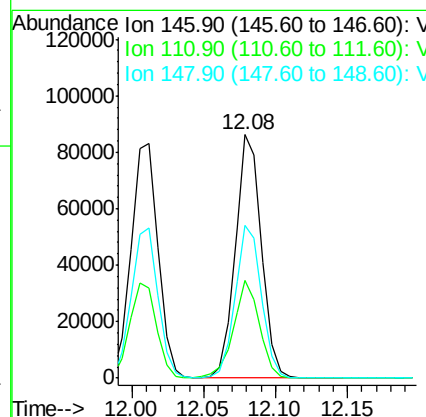
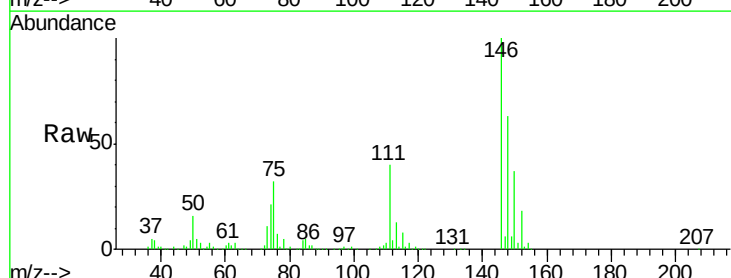
Manual Integrations
 APPROVED

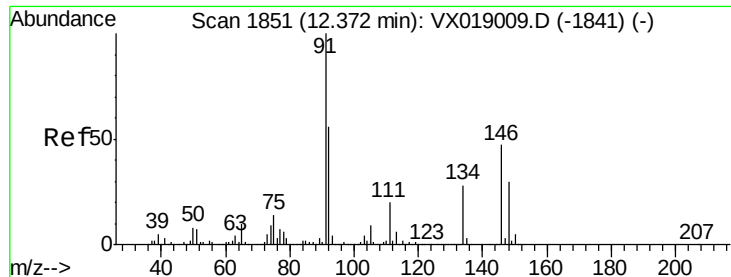
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 10/23/2020 1:20:10 PM



#88
 1,4-Dichlorobenzene
 Concen: 17.809 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.4	58.2
148	63.7	32.2	96.6





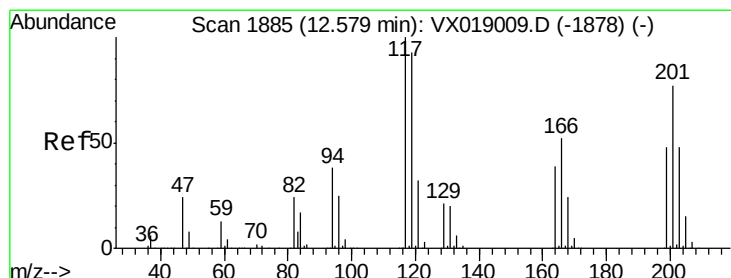
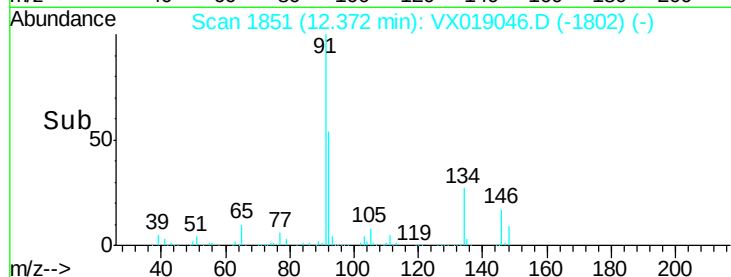
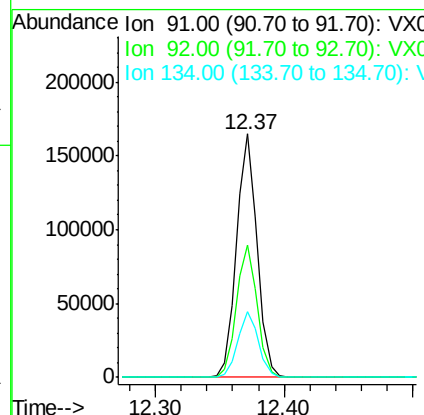
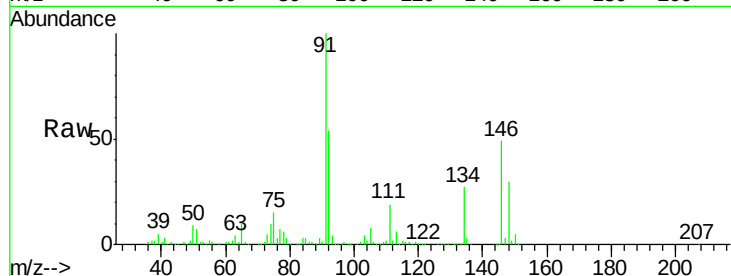
#89
n-Butylbenzene
Concen: 17.435 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	184870		
92	54.7	27.3	81.9	
134	26.9	13.6	40.7	

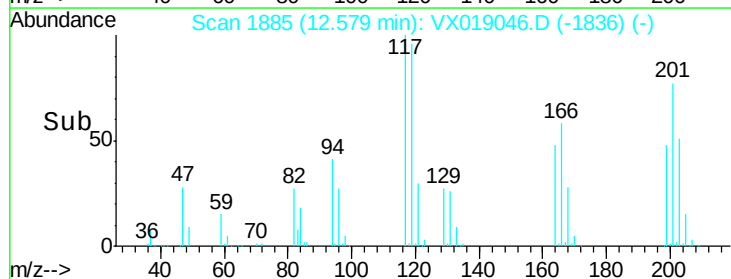
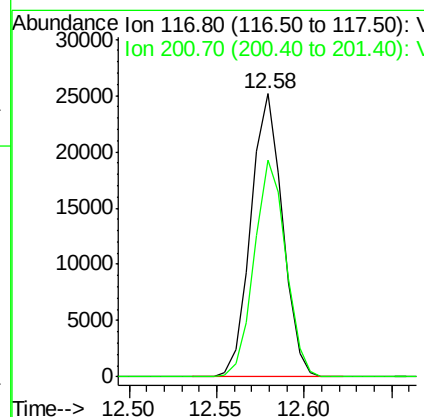
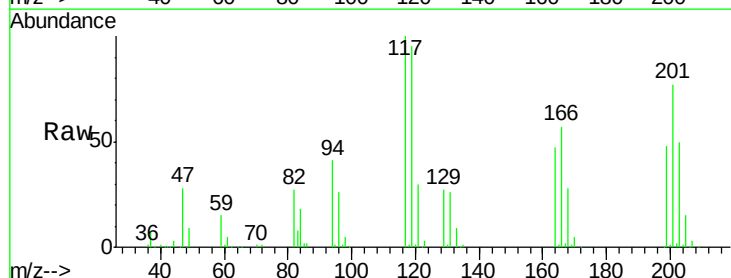
Manual Integrations
APPROVED

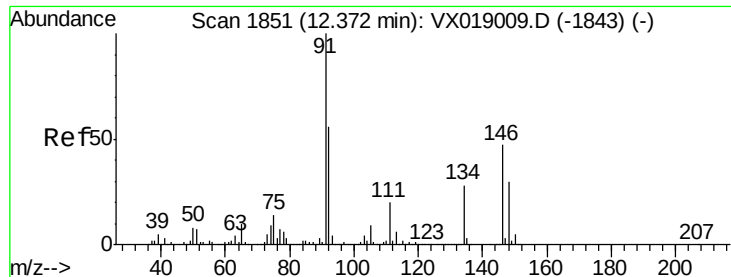
MMDadoda
10/23/2020 1:20:10 PM



#90
Hexachloroethane
Concen: 17.845 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	31646		
201	76.3	37.1	111.3	





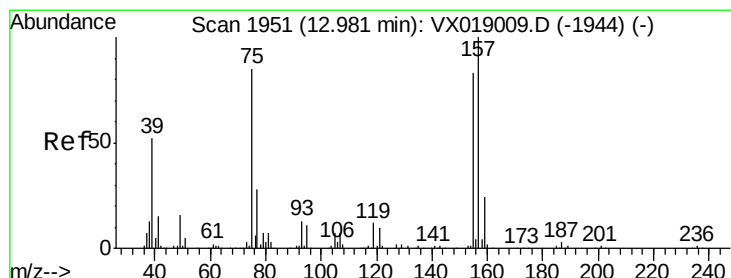
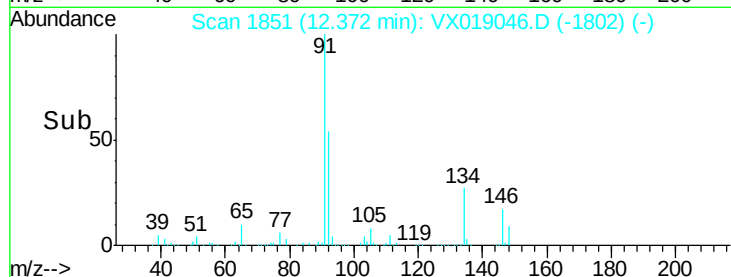
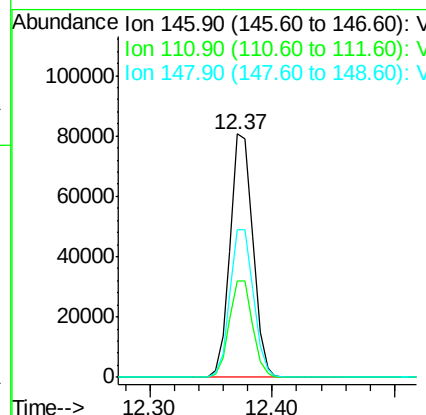
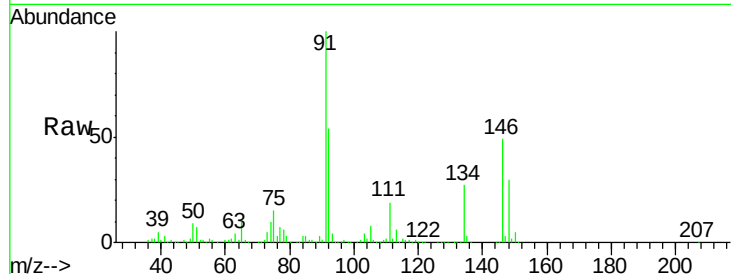
#91
1,2-Dichlorobenzene
Concen: 18.728 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.9	59.7
148	62.2	31.4	94.3

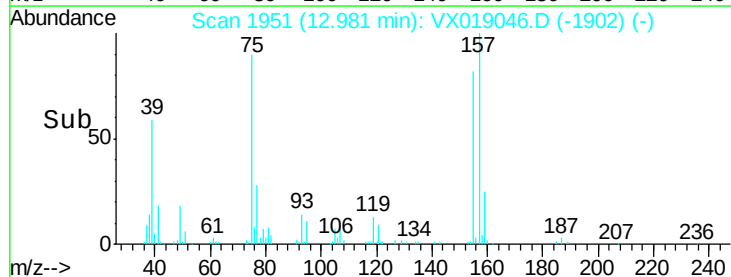
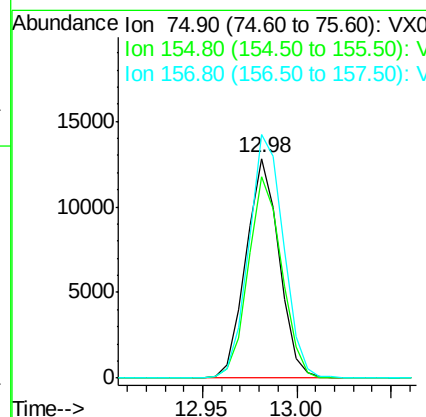
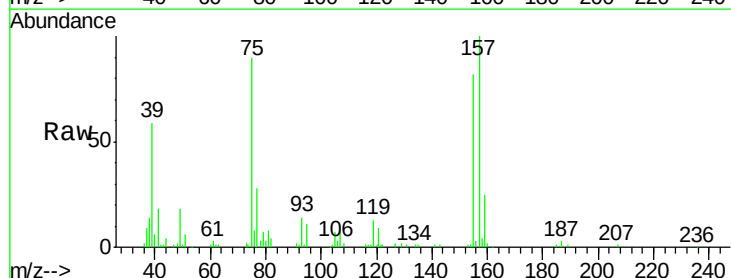
Manual Integrations
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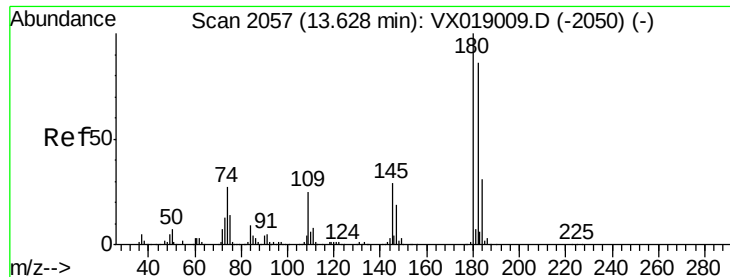
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#92
1,2-Dibromo-3-Chloropropane
Concen: 17.733 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019046.D
Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	47.3	142.0
157	115.9	59.7	179.0





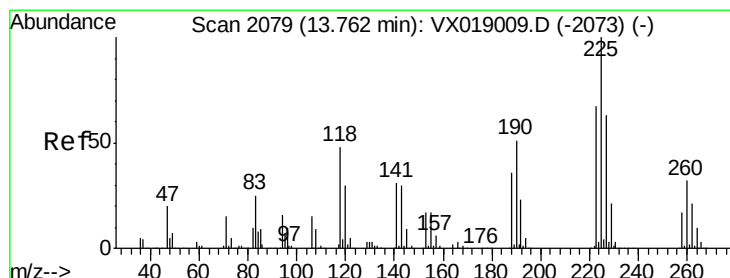
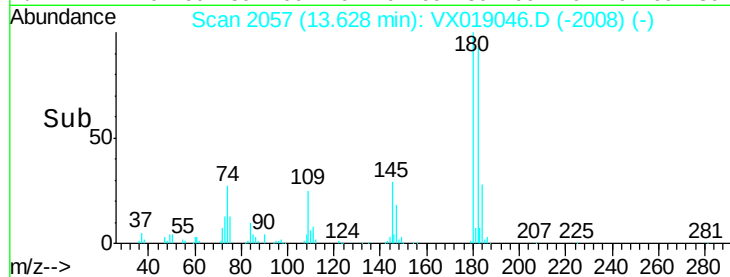
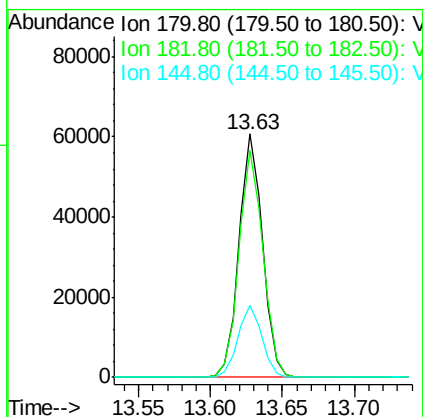
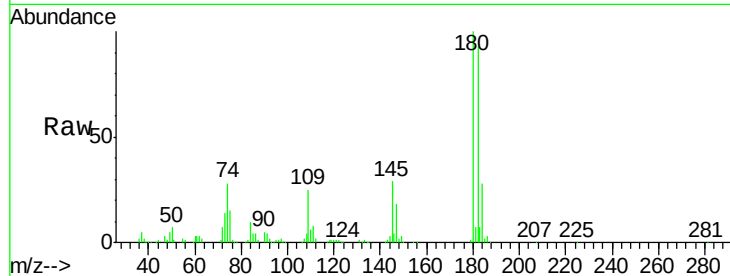
#93
 1,2,4-Trichlorobenzene
 Concen: 16.972 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.4	139.2
145	29.9	15.2	45.6

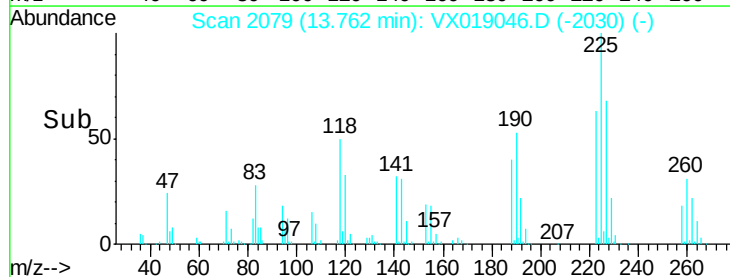
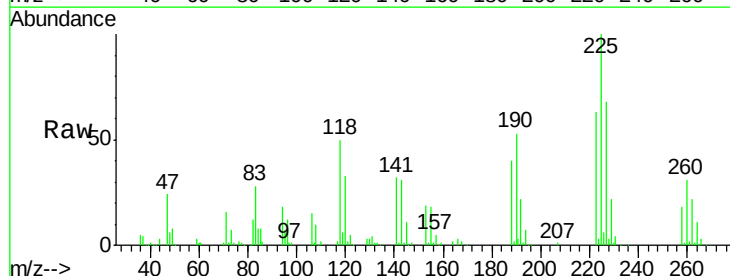
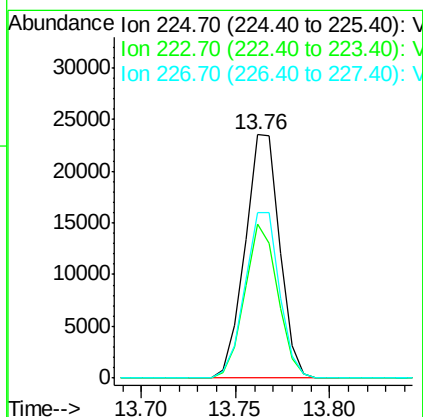
Manual Integrations
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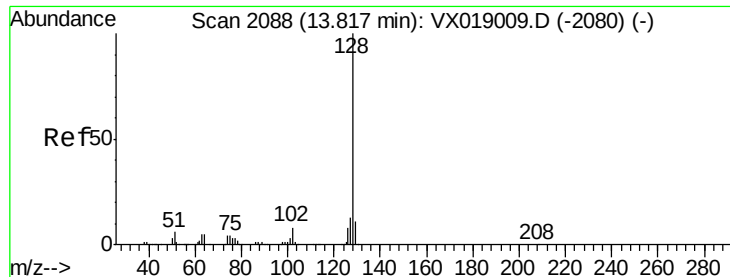
MMDadoda
 10/23/2020 1:20:10 PM



#94
 Hexachlorobutadiene
 Concen: 15.905 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019046.D
 Acq: 22 Oct 2020 23:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	32.5	97.4
227	67.9	31.9	95.7





#95

Naphthalene

Concen: 18.103 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Instrument :

MSVOA_X

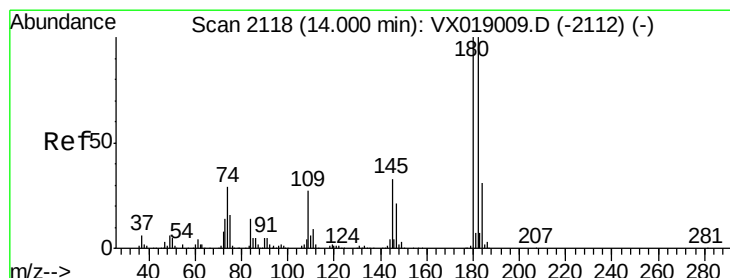
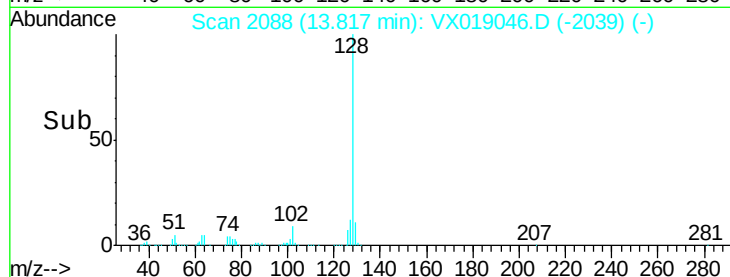
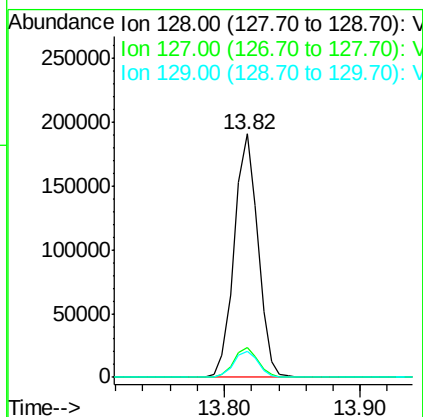
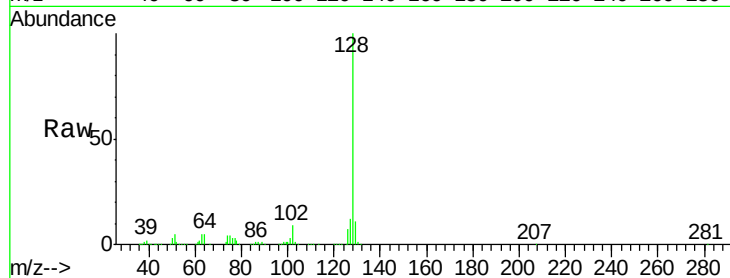
ClientSampleId :

VX1022WBSD02

Tot Ion:	128	Resp:	231811
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/23/2020 1:20:10 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.412 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019046.D

Acq: 22 Oct 2020 23:28

Tgt Ion:	180	Resp:	68976
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.3	142.0
145	31.9	15.9	47.6

