

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019798.D
 Acq On : 10 Dec 2020 00:19
 Operator : JC/MD
 Sample : VX1209WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:31:09 AM

Quant Time: Dec 10 06:52:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	277804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	455302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	420275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202458	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171219	46.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.78%
35) Dibromofluoromethane	5.46	113	138128	46.94	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.88%
50) Toluene-d8	8.70	98	537784	47.87	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.74%
62) 4-Bromofluorobenzene	11.12	95	197257	46.13	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.26%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	48814	19.192	ug/l 98
3) Chloromethane	1.31	50	50025	16.724	ug/l 99
4) Vinyl Chloride	1.39	62	60300	19.119	ug/l 99
5) Bromomethane	1.62	94	32020	30.575	ug/l 99
6) Chloroethane	1.71	64	38846	20.503	ug/l 100
7) Trichlorofluoromethane	1.92	101	85798	19.533	ug/l 99
8) Diethyl Ether	2.17	74	36103	19.396	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50491	20.055	ug/l 99
10) Methyl Iodide	2.49	142	57827	15.583	ug/l 99
11) Tert butyl alcohol	3.01	59	83757	110.121	ug/l 97
12) 1,1-Dichloroethene	2.36	96	51196	20.114	ug/l 99
13) Acrolein	2.27	56	27087	67.210	ug/l 98
14) Allyl chloride	2.71	41	79745	18.551	ug/l 99
15) Acrylonitrile	3.11	53	167595	101.536	ug/l 99
16) Acetone	2.42	43	131039	95.483	ug/l 99
17) Carbon Disulfide	2.55	76	123824	16.955	ug/l 98
18) Methyl Acetate	2.75	43	71037	21.152	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	184519	19.906	ug/l 100
20) Methylene Chloride	2.83	84	62467	19.058	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	55778	18.797	ug/l 97
22) Diisopropyl ether	3.82	45	174996	20.134	ug/l 93
23) Vinyl Acetate	3.78	43	734548	99.200	ug/l 99
24) 1,1-Dichloroethane	3.67	63	103745	19.794	ug/l 99
25) 2-Butanone	4.63	43	210713	99.921	ug/l 100
26) 2,2-Dichloropropane	4.55	77	74174	16.434	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	67089	19.319	ug/l 98
28) Bromochloromethane	4.98	49	49616	19.858	ug/l 100
29) Tetrahydrofuran	5.09	42	135811	99.959	ug/l 99
30) Chloroform	5.17	83	106550	19.771	ug/l 99
31) Cyclohexane	5.54	56	87609	19.290	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	91627	19.743	ug/l 99
36) 1,1-Dichloropropene	5.77	75	77649	18.873	ug/l 99
37) Ethyl Acetate	4.79	43	80627	19.409	ug/l 100
38) Carbon Tetrachloride	5.75	117	76764	19.053	ug/l 99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	89145	18.442	ug/l	98
40) Benzene	6.11	78	242108	19.264	ug/l	99
41) Methacrylonitrile	4.99	41	45283	19.854	ug/l	99
42) 1,2-Dichloroethane	6.16	62	84884	19.768	ug/l	100
43) Isopropyl Acetate	6.41	43	129184	19.128	ug/l	99
44) Trichloroethene	7.19	130	62318	18.899	ug/l	98
45) 1,2-Dichloropropane	7.49	63	61964	19.727	ug/l	97
46) Dibromomethane	7.63	93	41920	19.763	ug/l	98
47) Bromodichloromethane	7.87	83	80390	19.099	ug/l	98
48) Methyl methacrylate	7.74	41	63201	19.028	ug/l	99
49) 1,4-Dioxane	7.71	88	31695	393.912	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	414328	100.485	ug/l	99
52) Toluene	8.76	92	151689	19.298	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	84085	18.002	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	93516	18.429	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	62549	19.746	ug/l	98
56) Ethyl methacrylate	9.16	69	91338	19.058	ug/l	99
57) 1,3-Dichloropropane	9.35	76	104840	19.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	249795	98.387	ug/l	99
59) 2-Hexanone	9.47	43	315702	98.777	ug/l	99
60) Dibromochloromethane	9.56	129	60954	18.940	ug/l	98
61) 1,2-Dibromoethane	9.65	107	65607	19.505	ug/l	99
64) Tetrachloroethene	9.32	164	55898	19.833	ug/l	97
65) Chlorobenzene	10.12	112	161154	19.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	59387	19.706	ug/l	100
67) Ethyl Benzene	10.23	91	285437	19.205	ug/l	99
68) m/p-Xylenes	10.34	106	214109	38.231	ug/l	100
69) o-Xylene	10.68	106	102630	19.050	ug/l	99
70) Styrene	10.70	104	173065	19.032	ug/l	100
71) Bromoform	10.84	173	44525	18.781	ug/l #	99
73) Isopropylbenzene	11.00	105	275256	19.900	ug/l	100
74) N-amyl acetate	10.88	43	104861	18.918	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	99152	20.332	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	91561m	20.164	ug/l	
77) Bromobenzene	11.24	156	69447	19.619	ug/l	99
78) n-propylbenzene	11.34	91	311207	19.699	ug/l	100
79) 2-Chlorotoluene	11.40	91	192362	19.773	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	230022	19.704	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	27251	17.349	ug/l	96
82) 4-Chlorotoluene	11.49	91	220839	19.382	ug/l	99
83) tert-Butylbenzene	11.76	119	226765	19.807	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	234066	19.905	ug/l	100
85) sec-Butylbenzene	11.93	105	260691	19.943	ug/l	99
86) p-Isopropyltoluene	12.05	119	232901	19.441	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	123140	18.954	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	124826	18.864	ug/l	99
89) n-Butylbenzene	12.37	91	197151	18.575	ug/l	99
90) Hexachloroethane	12.58	117	38692	18.708	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	123008	19.423	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20824	19.864	ug/l	95

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	79270	19.228	ug/l	99
94) Hexachlorobutadiene	13.76	225	34205	18.563	ug/l	98
95) Naphthalene	13.82	128	270286	20.223	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	79946	19.843	ug/l	98

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

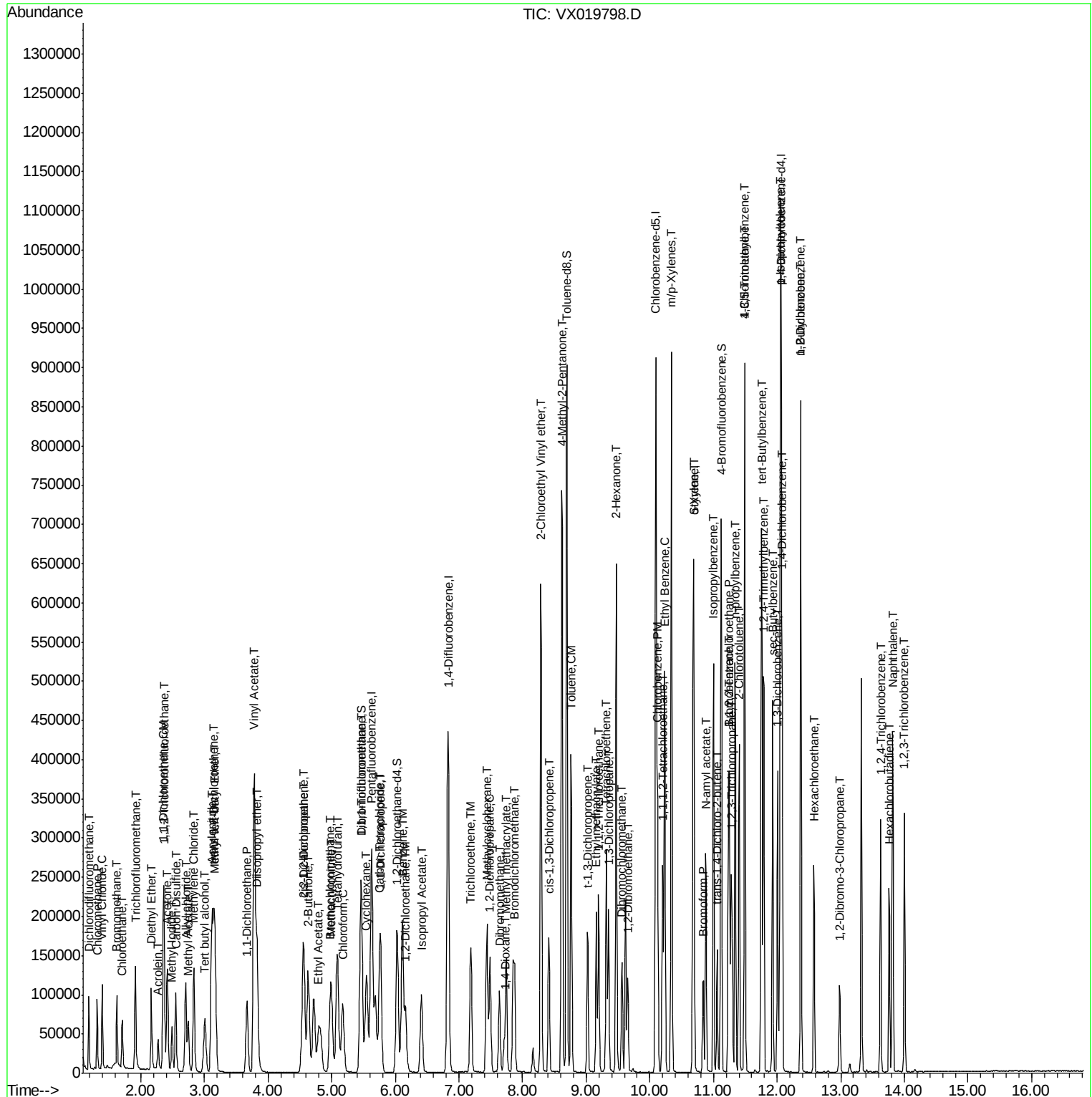
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Data File : VX019798.D
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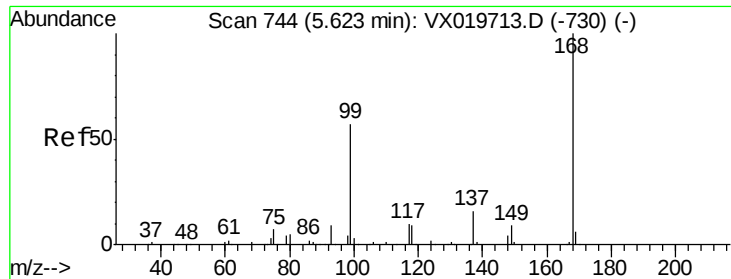
Instrument :
MSVOA_X
Client Sample ID :
VX1209WBSD02

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion:168 Resp: 277804

Ion Ratio Lower Upper

168 100

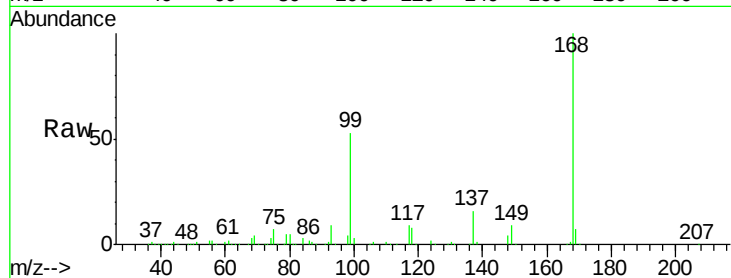
99 53.4 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

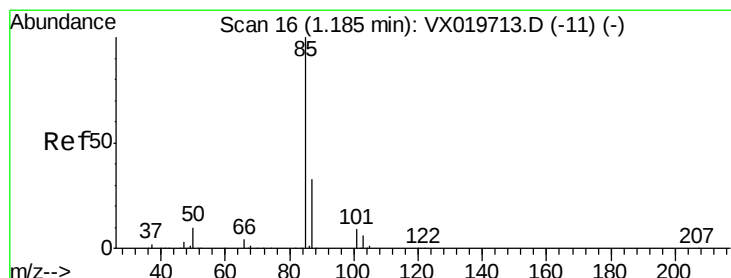
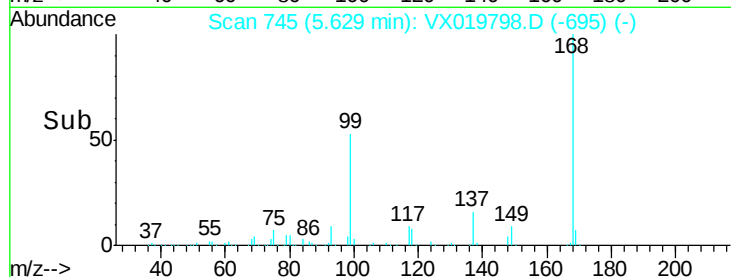
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.192 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019798.D

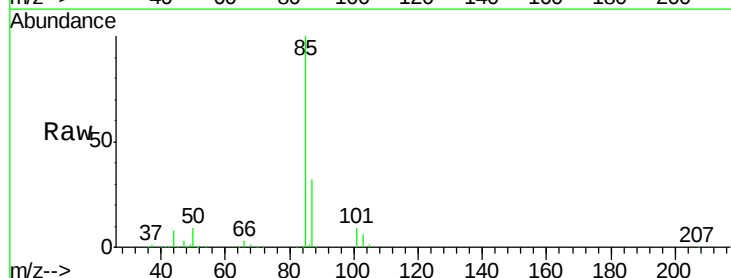
Acq: 10 Dec 2020 00:19

Tgt Ion: 85 Resp: 48814

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

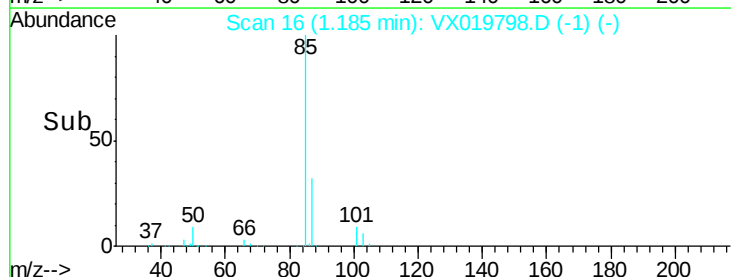
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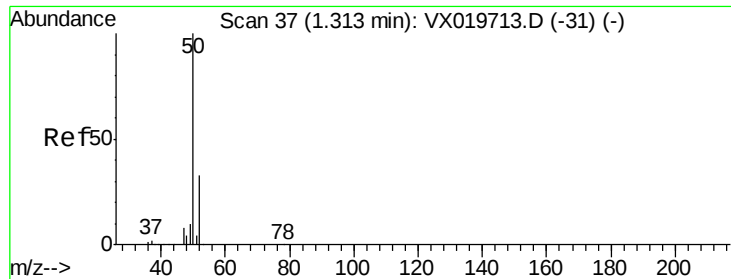
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.724 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion: 50 Resp: 50025

Ion Ratio Lower Upper

50 100

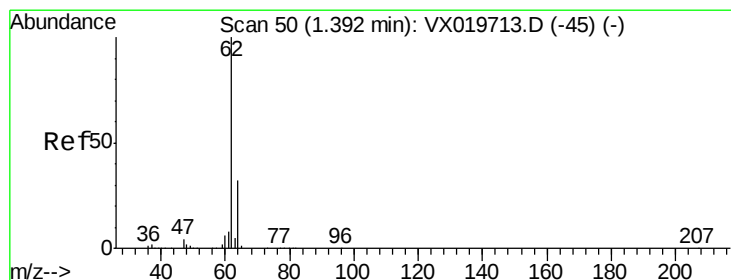
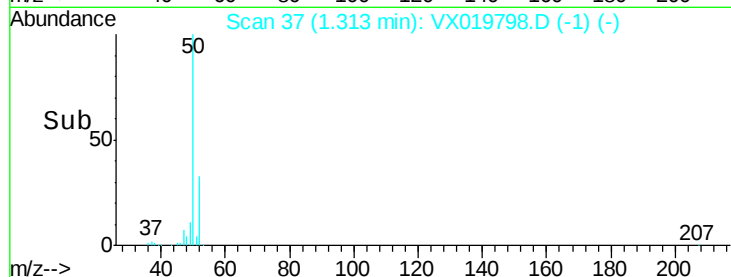
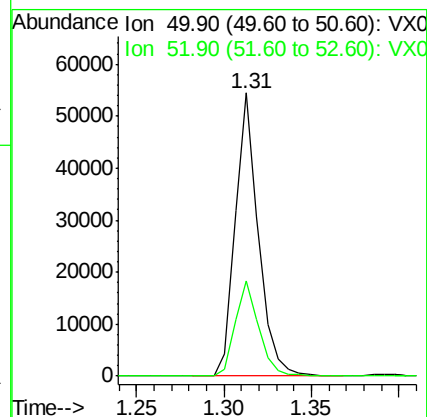
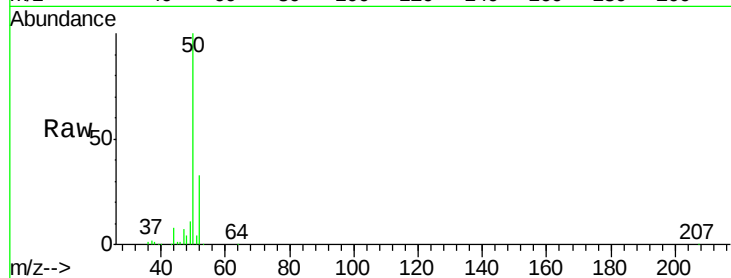
52 33.5 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.119 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019798.D

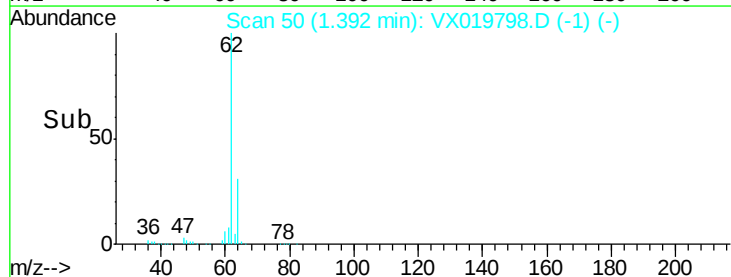
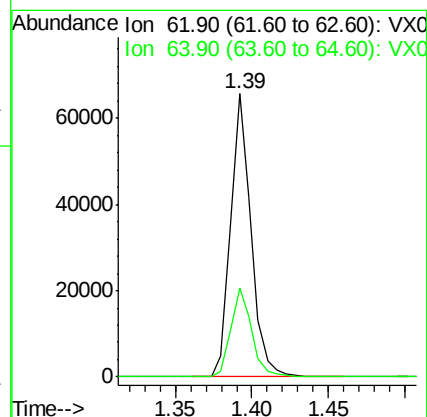
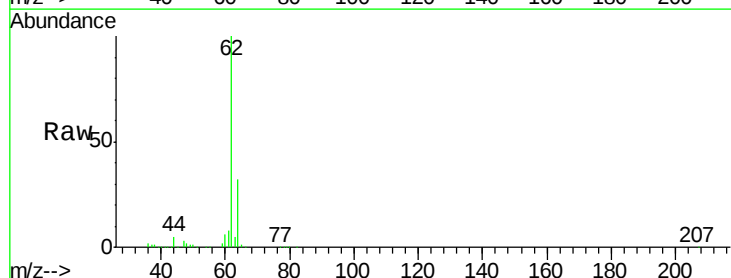
Acq: 10 Dec 2020 00:19

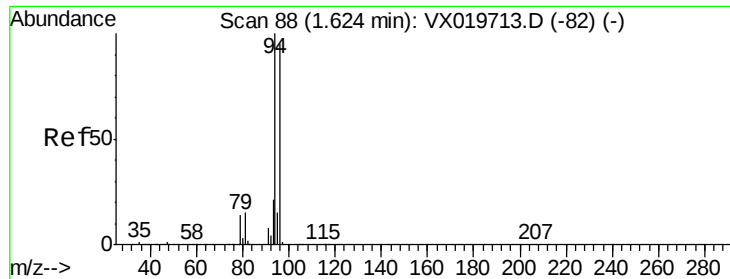
Tgt Ion: 62 Resp: 60300

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 30.575 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion: 94 Resp: 32020

Ion Ratio Lower Upper

94 100

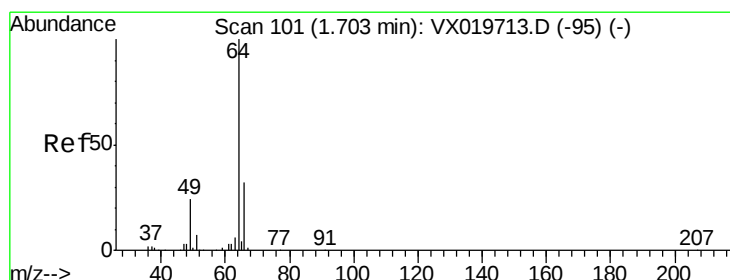
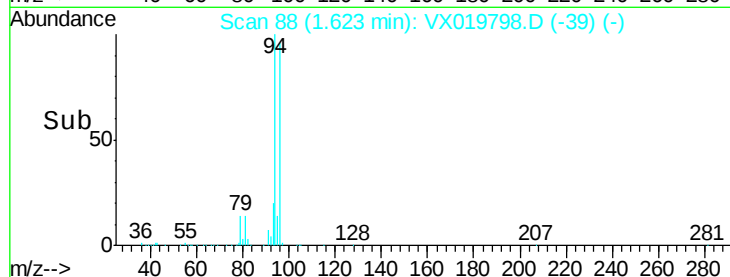
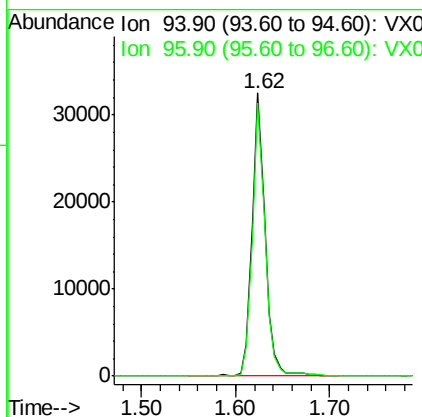
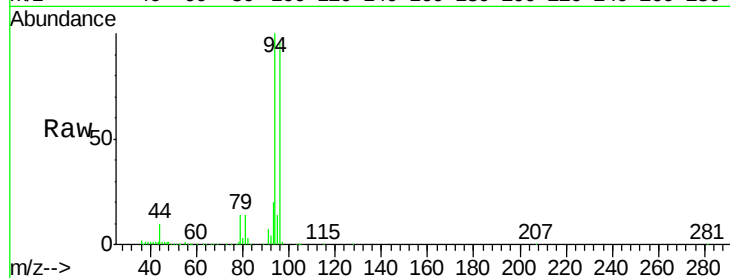
96 96.1 76.4 114.6

Manual Integrations

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#6

Chloroethane

Concen: 20.503 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019798.D

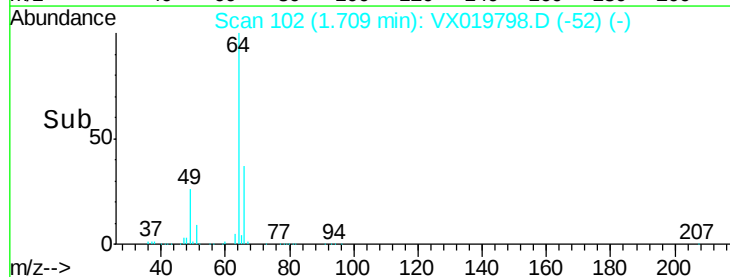
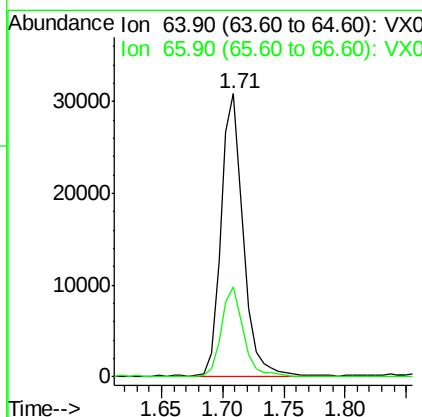
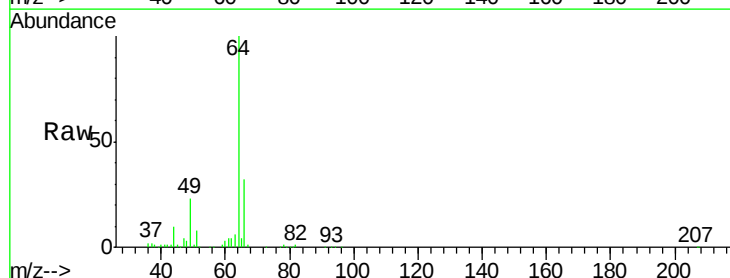
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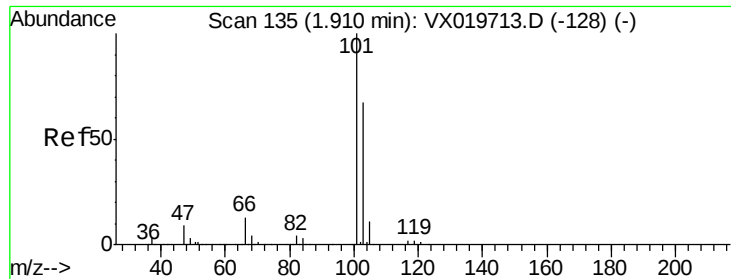
Tgt Ion: 64 Resp: 38846

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.0





#7

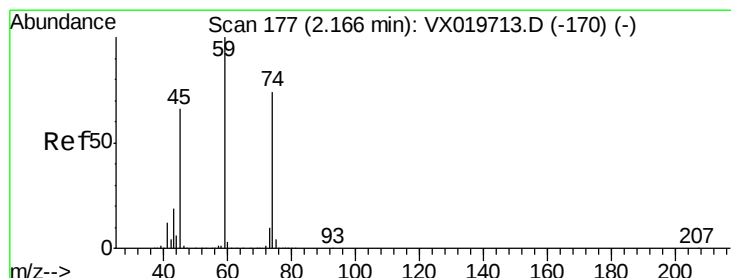
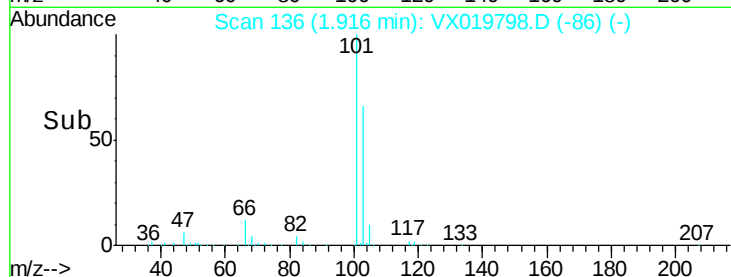
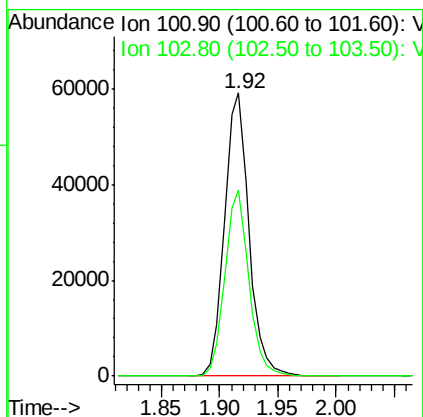
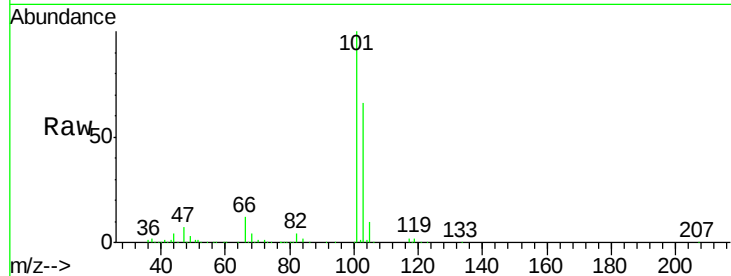
Trichlorofluoromethane
Concen: 19.533 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
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ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	53.2	79.8

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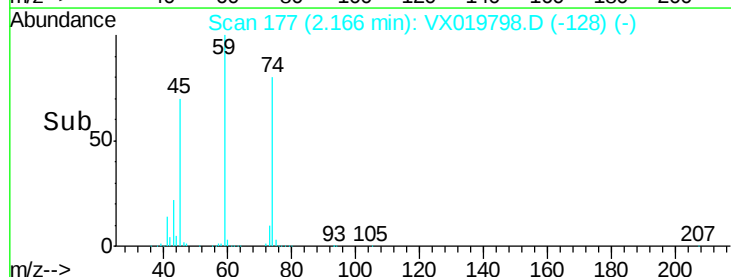
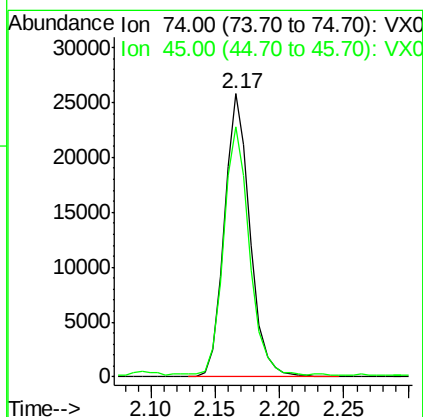
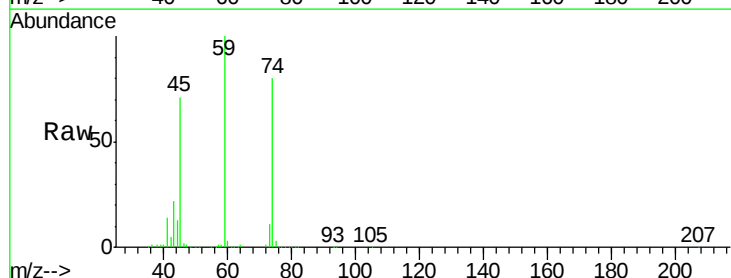
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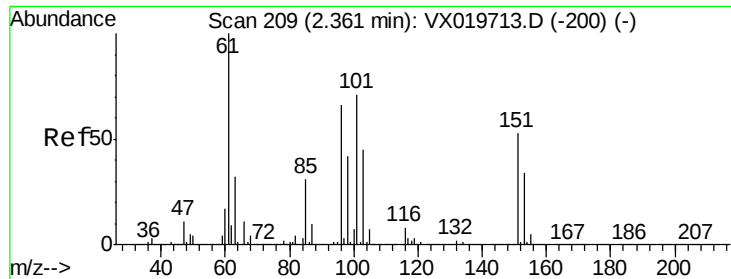


#8

Diethyl Ether
Concen: 19.396 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.0	44.5	133.5





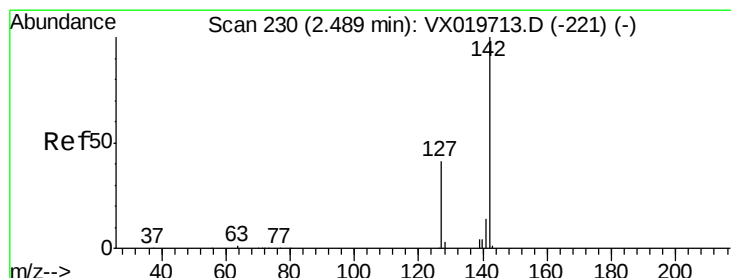
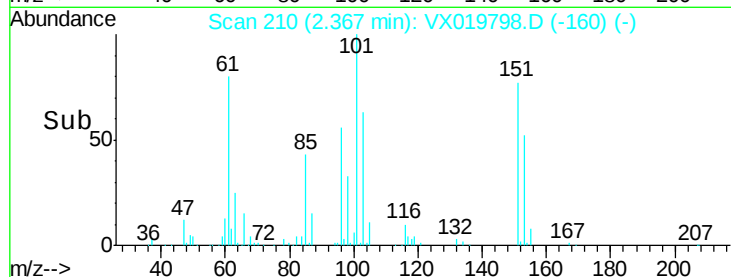
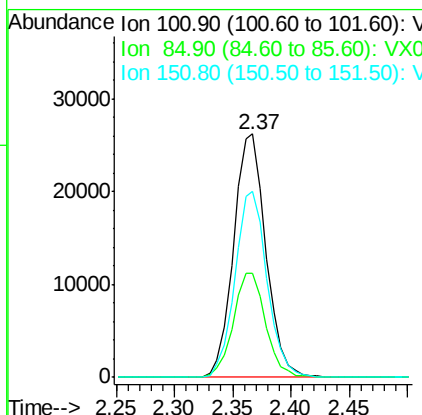
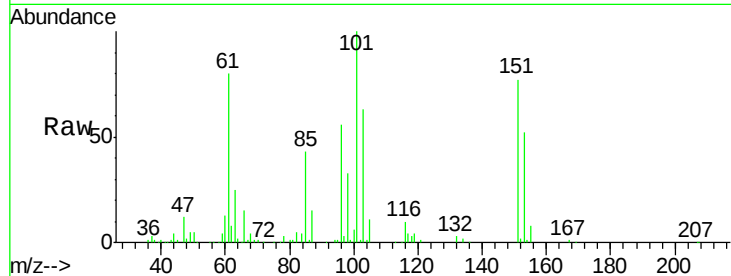
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.055 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.9	34.9	52.3
151	76.2	61.4	92.2

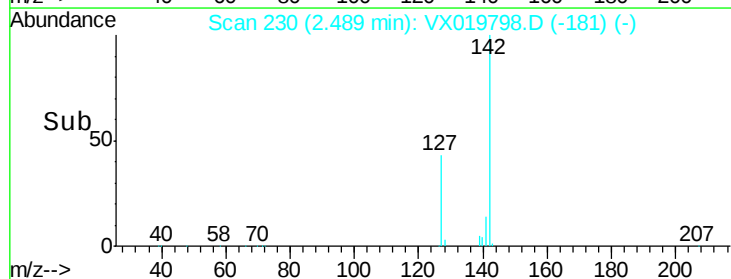
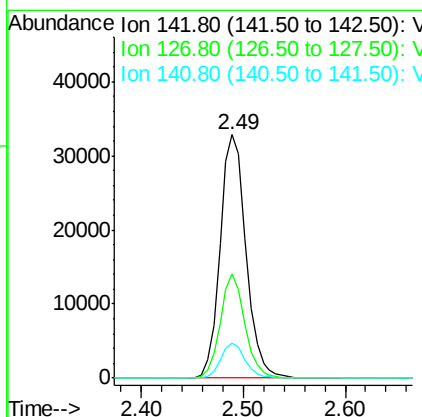
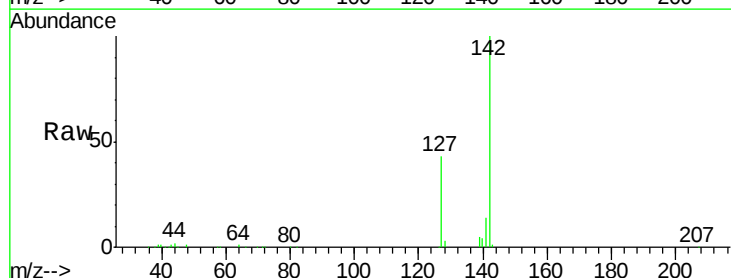
Manual Integrations
APPROVED

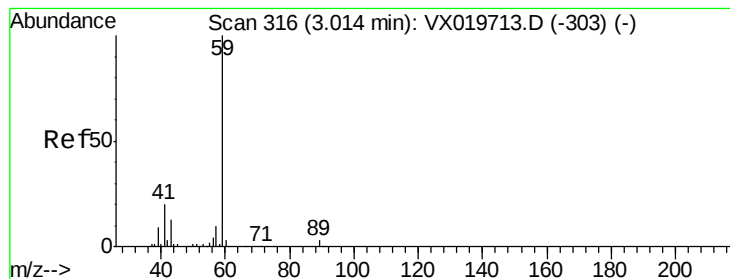
MMDadoda
12/10/2020 9:31:09 AM



#10
Methyl Iodide
Concen: 15.583 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.1	33.3	49.9
141	13.6	11.4	17.0





#11

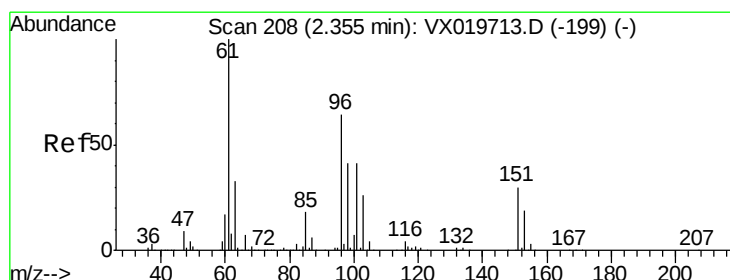
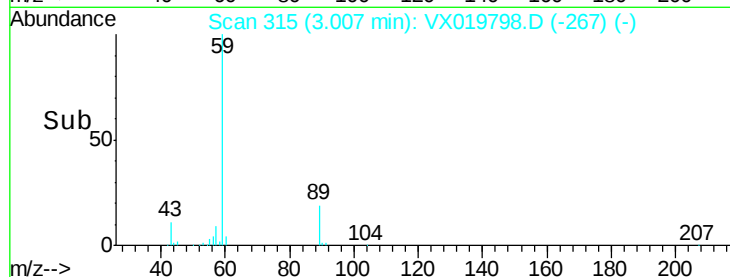
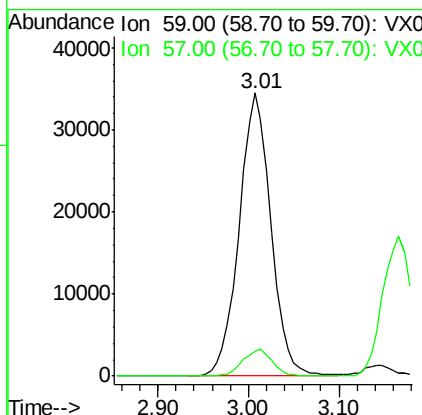
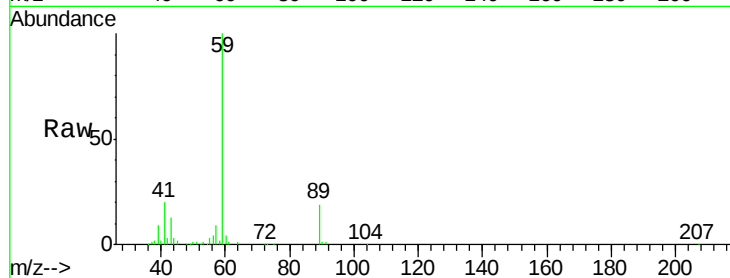
Tert butyl alcohol
Concen: 110.121 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	59	57	Ratio	100	8.8	Resp	Lower	Upper
83757							7.8	11.8

Manual Integrations
APPROVED

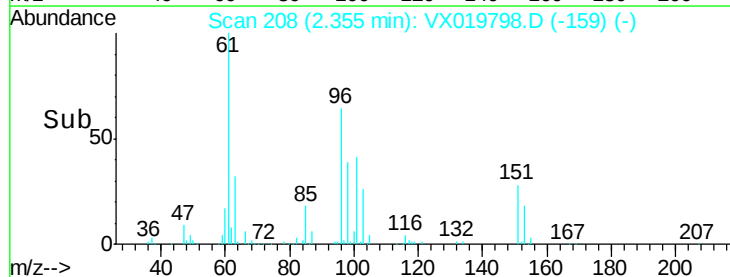
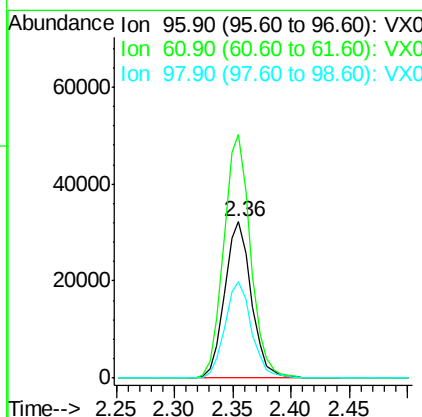
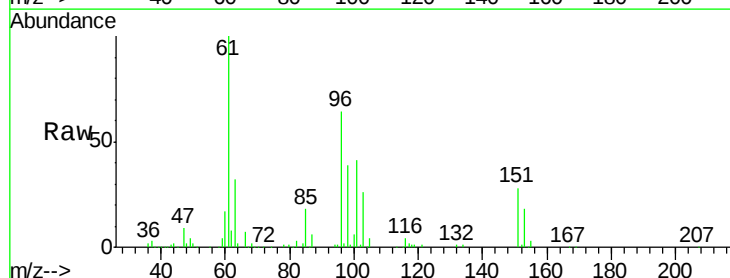
MMDadoda
12/10/2020 9:31:09 AM

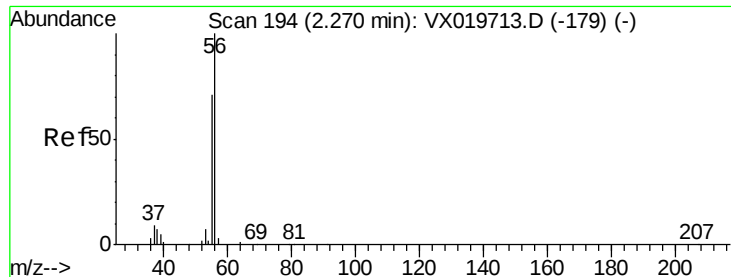


#12

1,1-Dichloroethene
Concen: 20.114 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	96	61	98	Ratio	100	155.5	61.2	Resp	Lower	Upper
51196									124.6	187.0





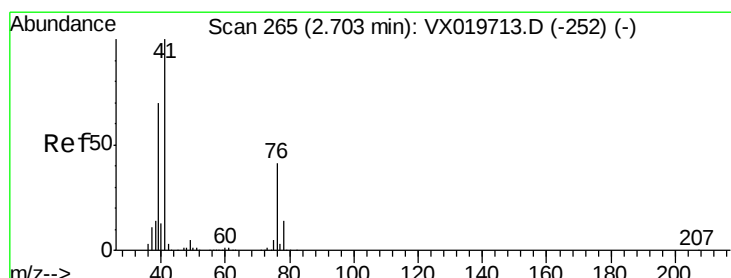
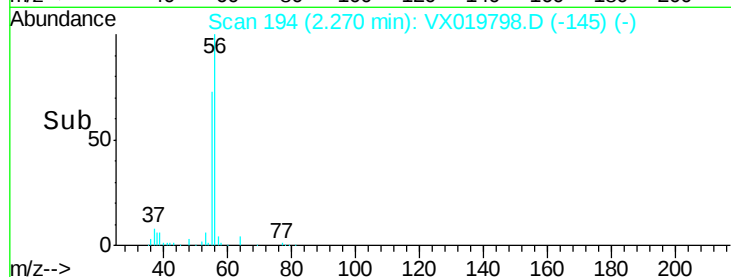
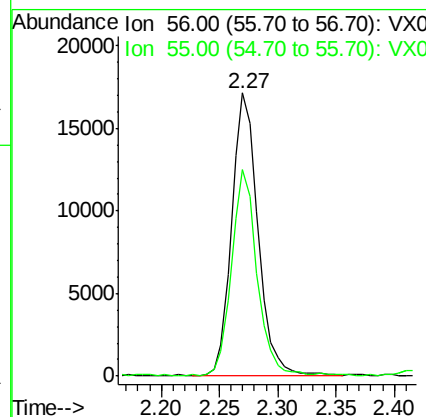
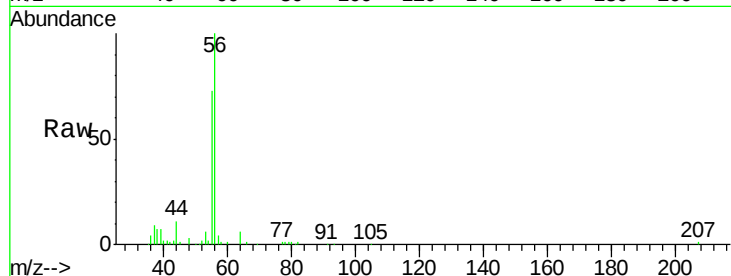
#13
Acrolein
Concen: 67.210 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	56	Resp	27087
Ion Ratio	100	Lower	Upper
56	100		
55	72.1	56.4	84.6

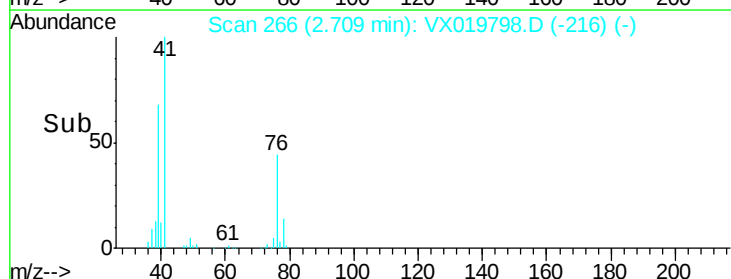
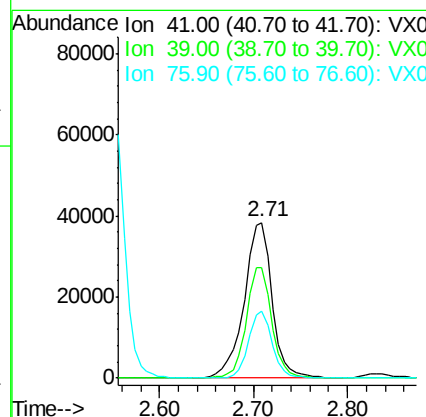
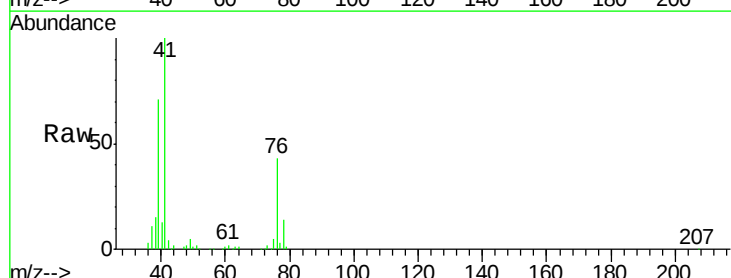
Manual Integrations
APPROVED

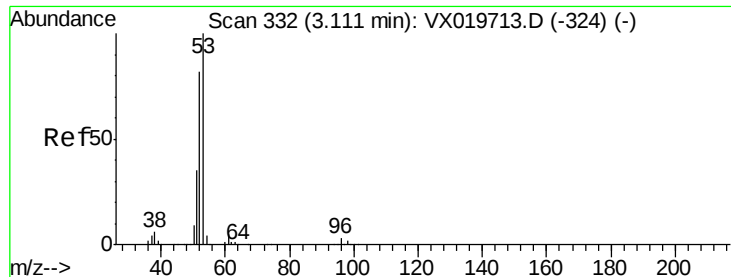
MMDadoda
12/10/2020 9:31:09 AM



#14
Allyl chloride
Concen: 18.551 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	41	Resp	79745
Ion Ratio	100	Lower	Upper
41	100		
39	65.0	51.6	77.4
76	36.5	30.5	45.7





#15

Acrylonitrile

Concen: 101.536 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

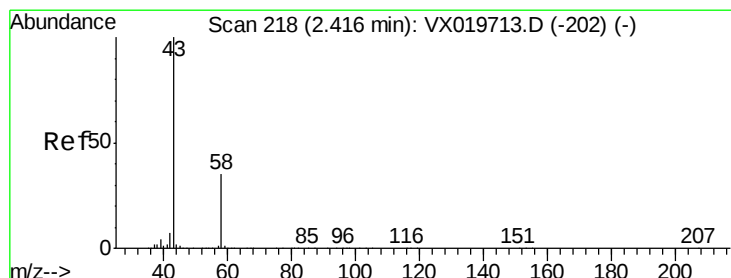
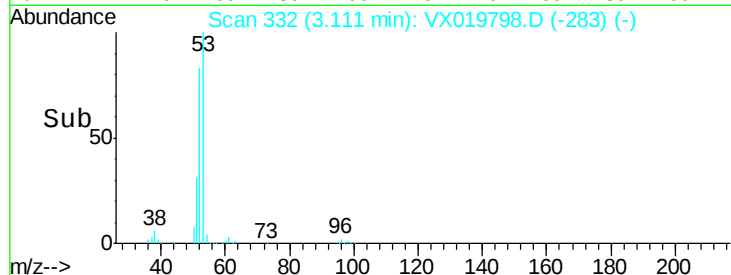
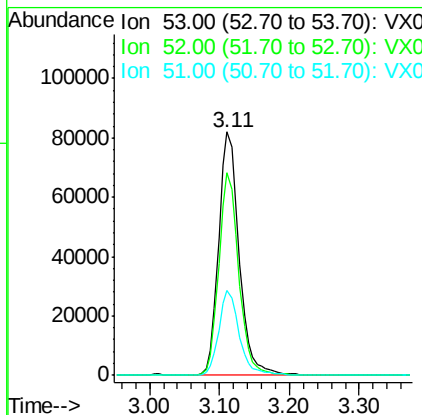
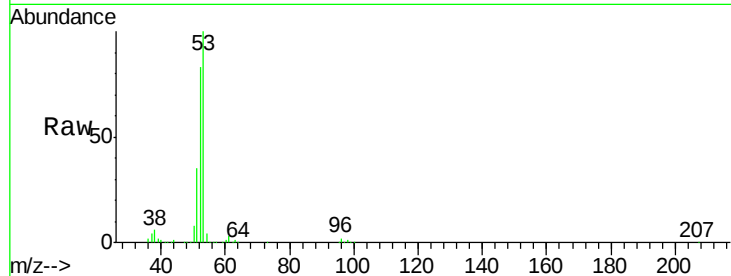
ClientSampleId :

VX1209WBSD02

Tot Ion:	53	Resp:	167595
Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.3	97.9
51	35.1	28.2	42.2

Manual Integrations
APPROVED

MMDadoda
12/10/2020 9:31:09 AM



#16

Acetone

Concen: 95.483 ug/l

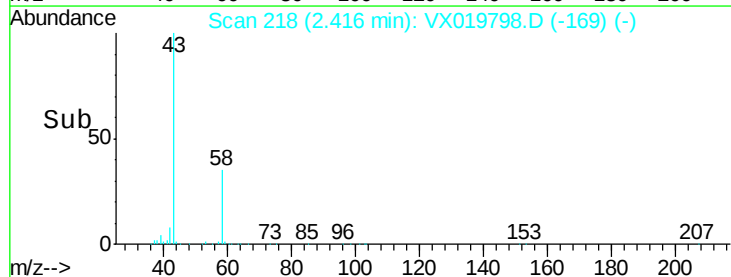
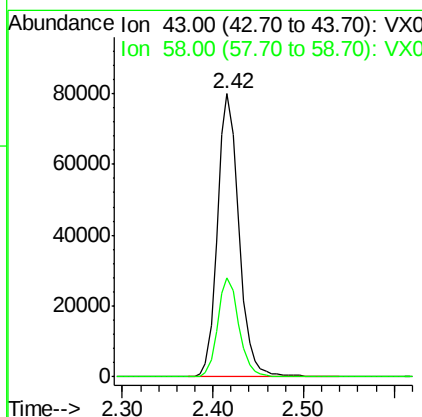
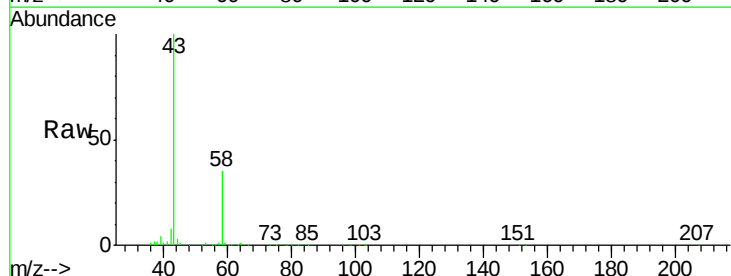
RT: 2.42 min Scan# 218

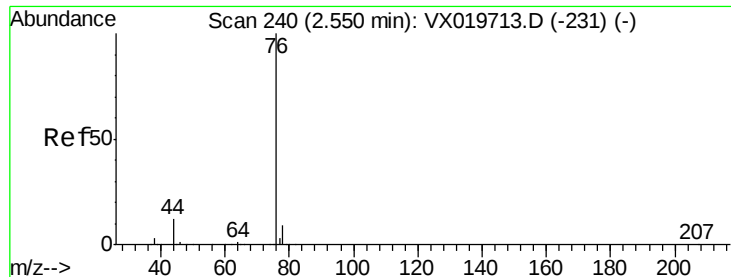
Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Tgt Ion:	43	Resp:	131039
Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.8	41.8





#17

Carbon Disulfide

Concen: 16.955 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion: 76 Resp: 123824

Ion Ratio Lower Upper

76 100

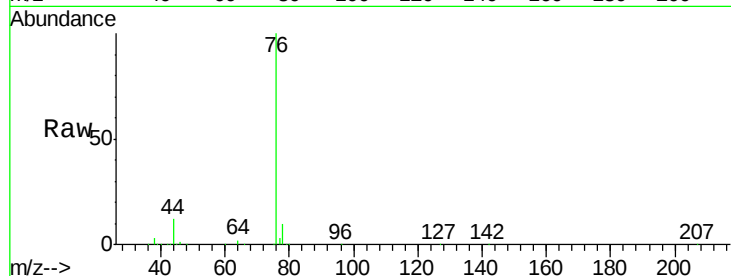
78 9.6 7.2 10.8

Manual Integrations

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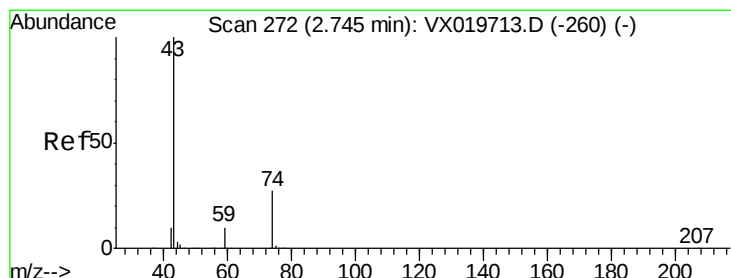
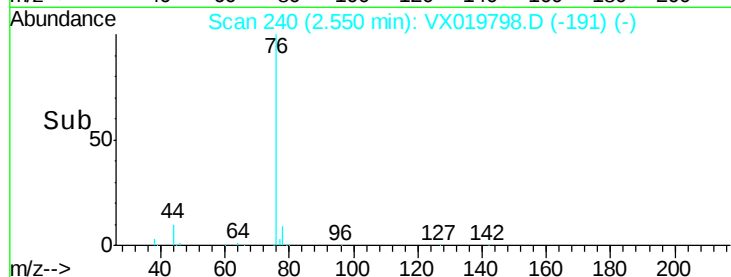
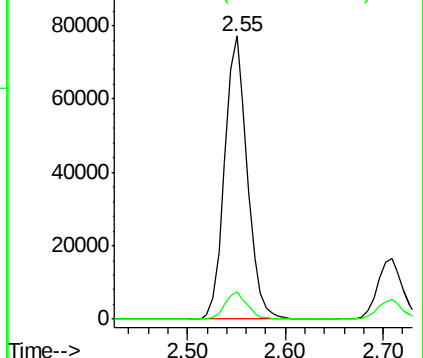
MMDadoda

12/10/2020 9:31:09 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.152 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019798.D

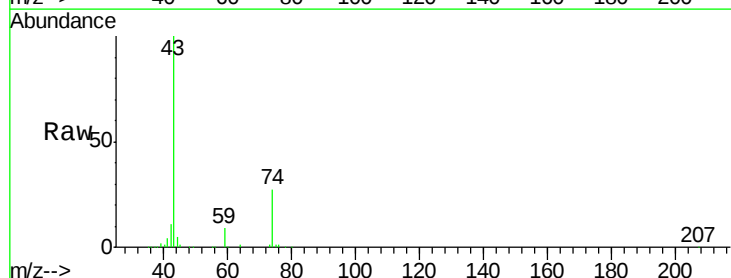
Acq: 10 Dec 2020 00:19

Tgt Ion: 43 Resp: 71037

Ion Ratio Lower Upper

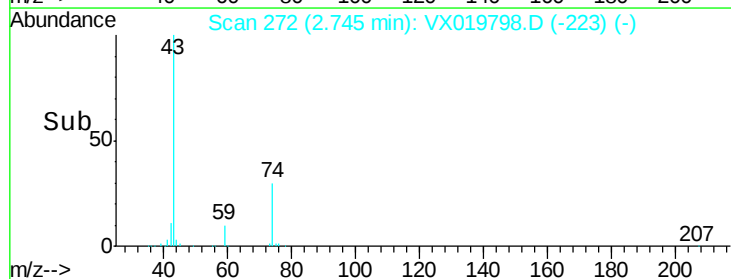
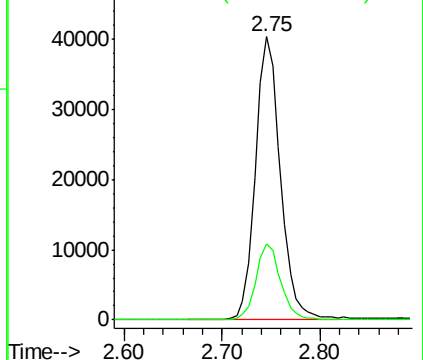
43 100

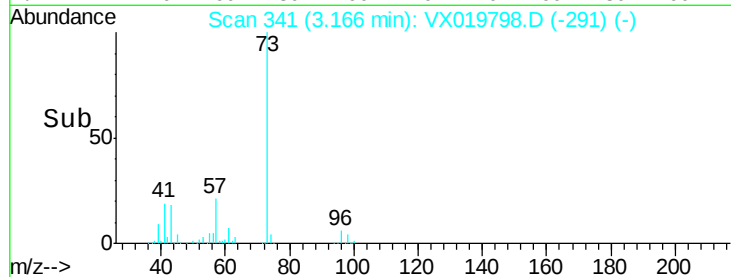
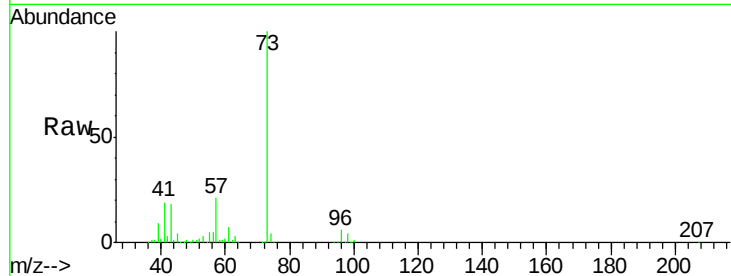
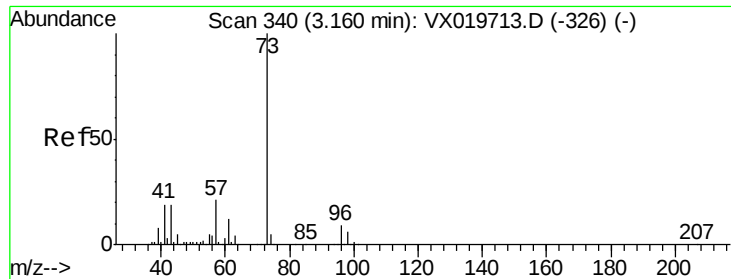
74 27.2 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





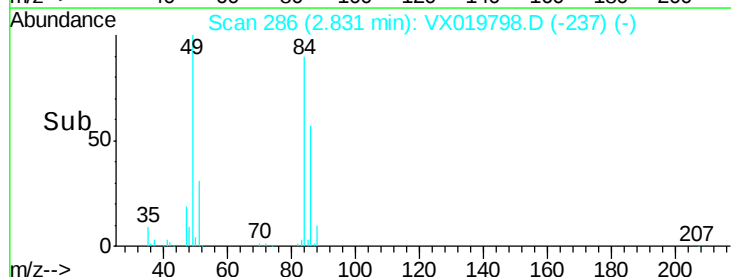
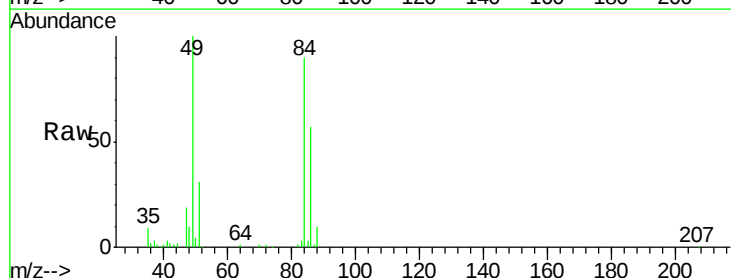
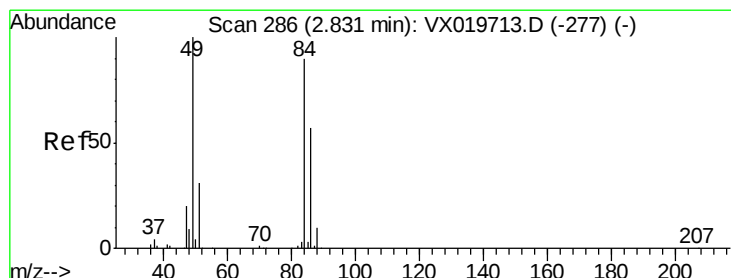
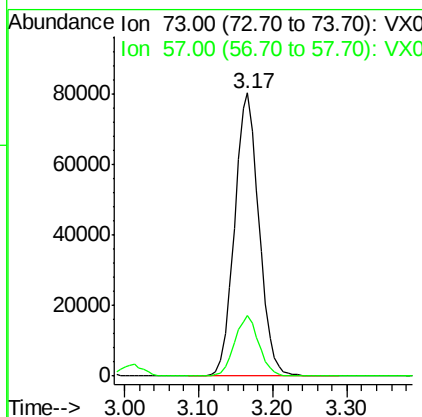
#19
Methyl tert-butyl Ether
Concen: 19.906 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tot Ion	73	Resp	184519
Ion Ratio	100	Lower	Upper
73	100		
57	21.3	17.1	25.7

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

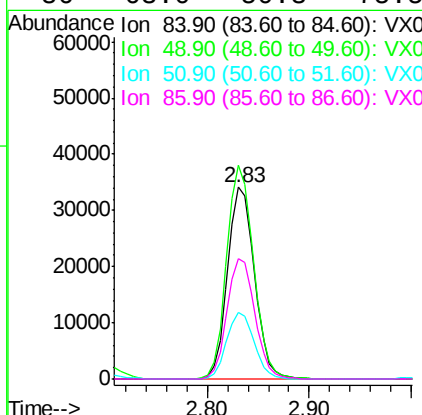
Manual Integrations
APPROVED

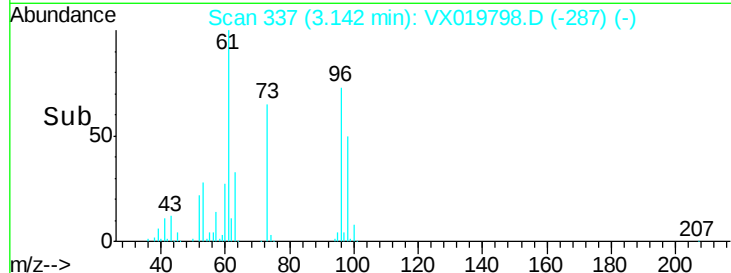
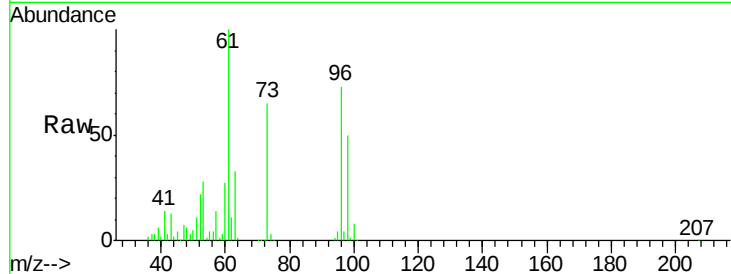
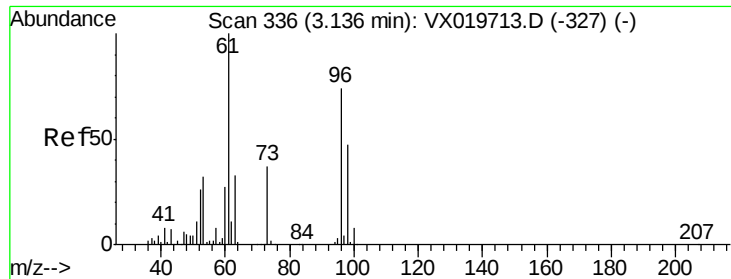
MMDadoda
12/10/2020 9:31:09 AM



#20
Methylene Chloride
Concen: 19.058 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	84	Resp	62467
Ion Ratio	100	Lower	Upper
84	100		
49	111.3	88.6	132.8
51	34.6	27.0	40.6
86	63.0	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 18.797 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019798.D

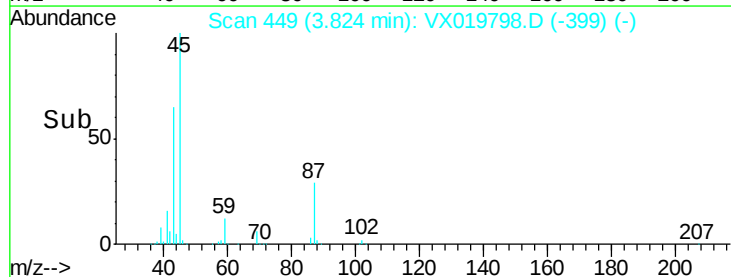
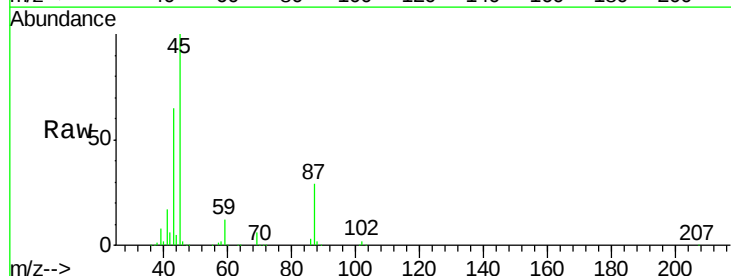
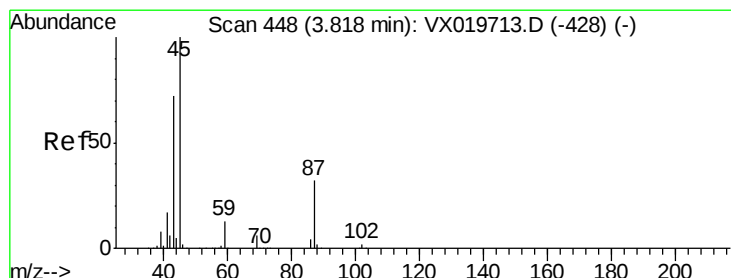
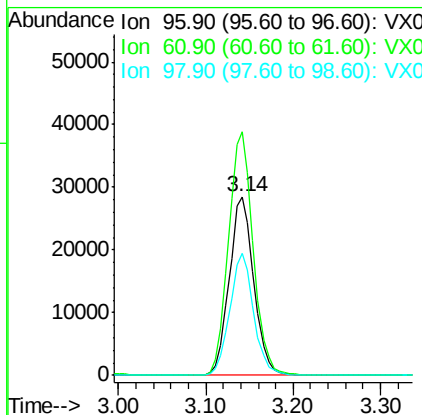
Acq: 10 Dec 2020 00:19

Tot Ion:	96	Resp:	55778
Ion	Ratio	Lower	Upper
96	100		
61	136.3	107.7	161.5
98	68.6	50.4	75.6

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Manual Integrations
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MMDadoda
12/10/2020 9:31:09 AM



#22

Diisopropyl ether

Concen: 20.134 ug/l

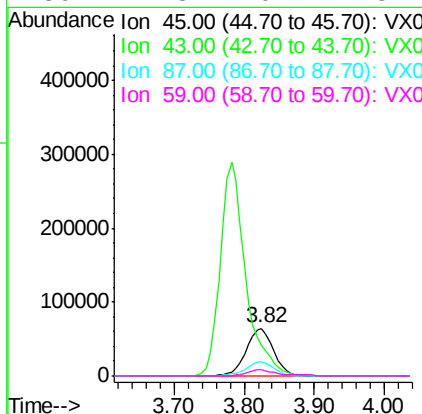
RT: 3.82 min Scan# 449

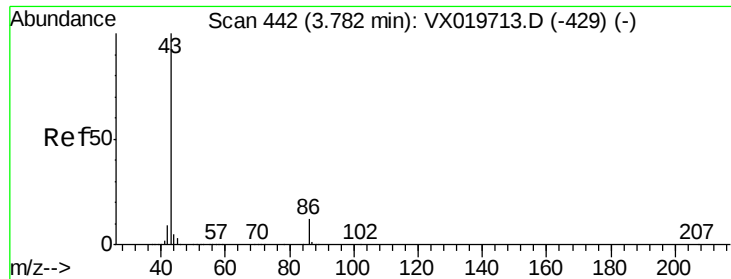
Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Tgt Ion:	45	Resp:	174996
Ion	Ratio	Lower	Upper
45	100		
43	64.8	58.0	87.0
87	29.0	25.4	38.0
59	12.3	10.2	15.2





#23

Vinyl Acetate

Concen: 99.200 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion: 43 Resp: 734548

Ion Ratio Lower Upper

43 100

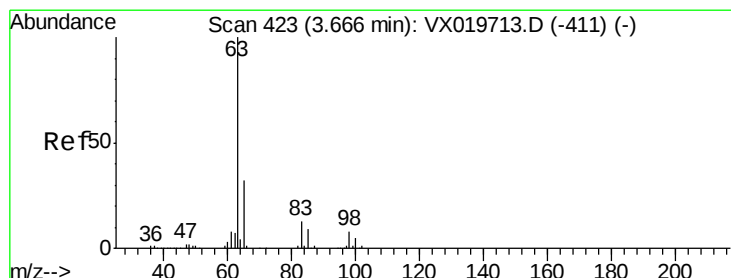
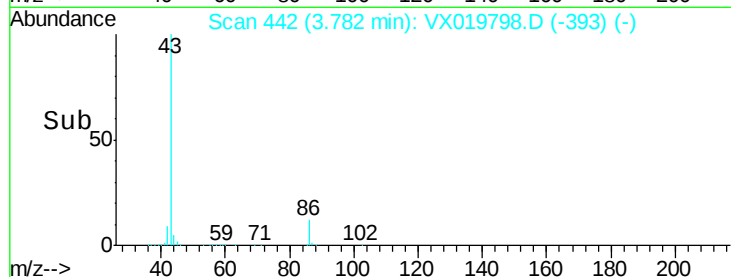
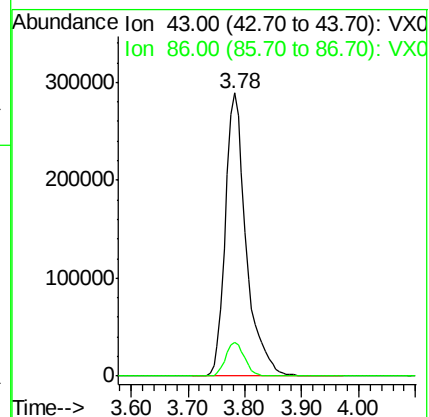
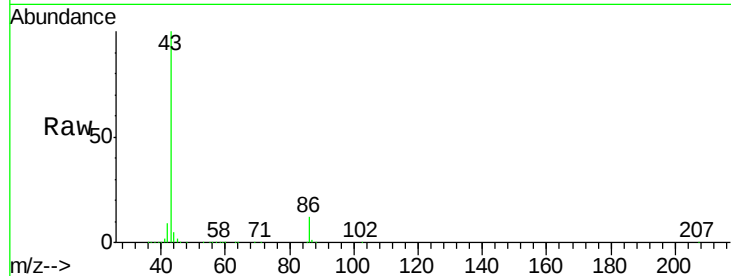
86 12.0 9.9 14.9

Manual Integrations

APPROVED

MMDadoda

12/10/2020 9:31:09 AM



#24

1,1-Dichloroethane

Concen: 19.794 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

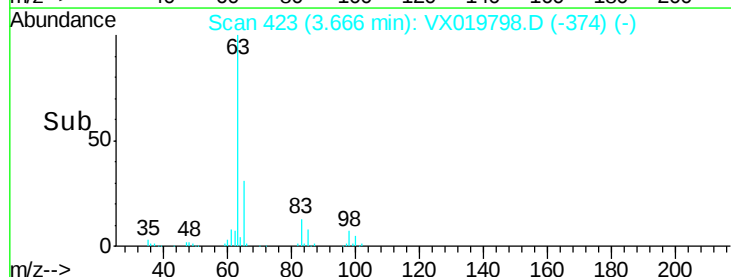
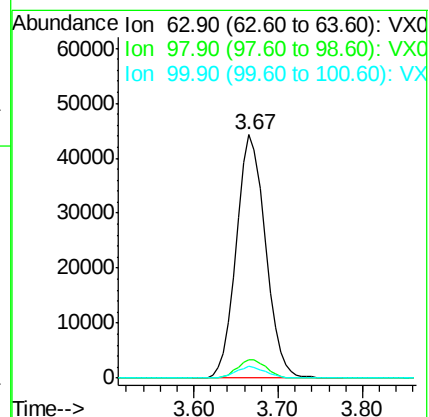
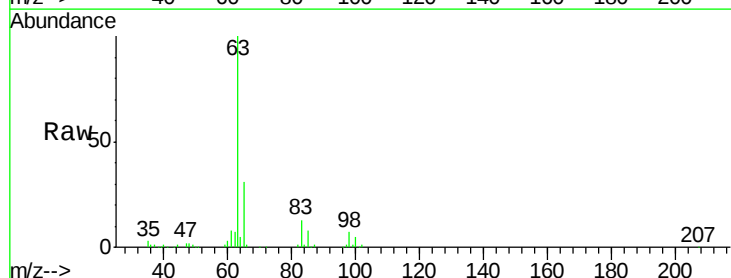
Tgt Ion: 63 Resp: 103745

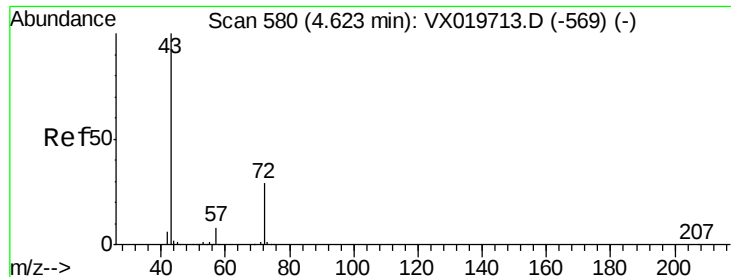
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

100 4.7 2.5 7.5





#25

2-Butanone

Concen: 99.921 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion: 43 Resp: 210713

Ion Ratio Lower Upper

43 100

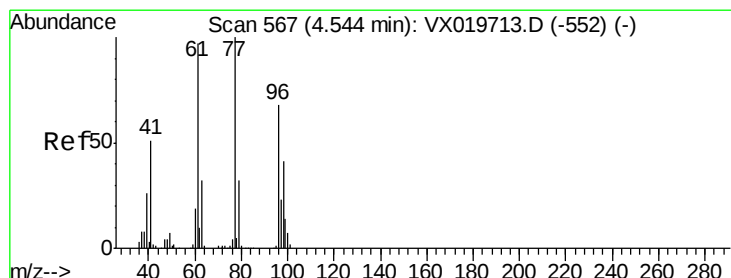
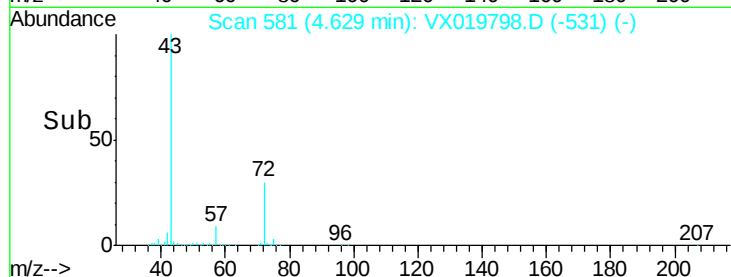
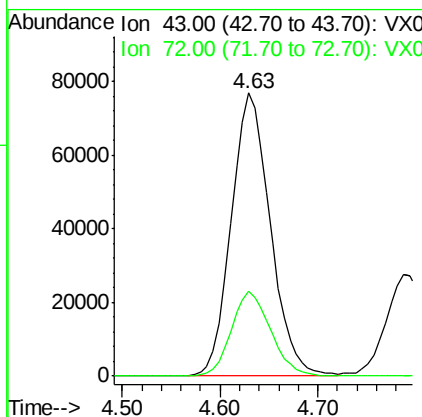
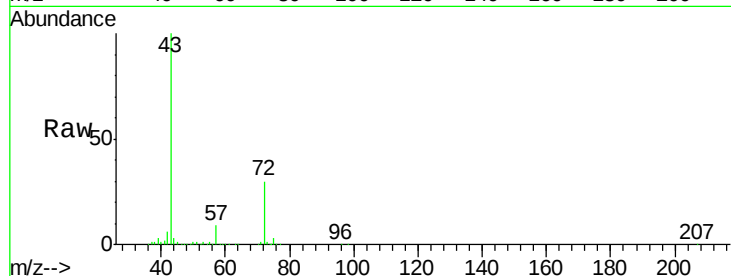
72 29.7 23.7 35.5

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#26

2,2-Dichloropropane

Concen: 16.434 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019798.D

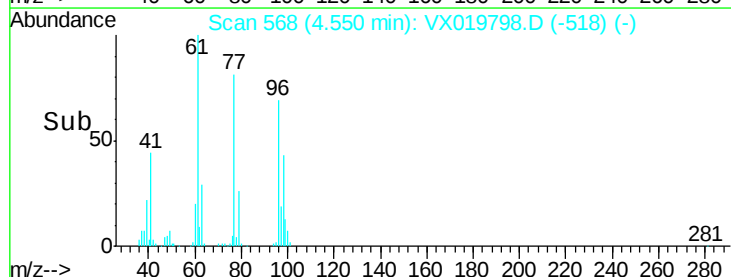
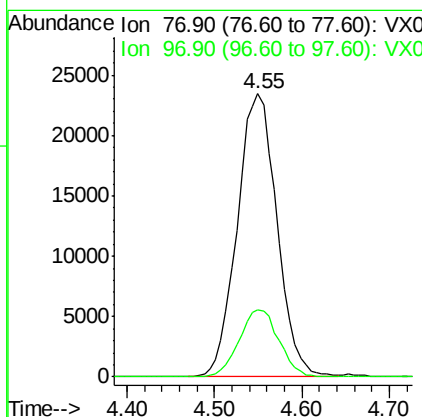
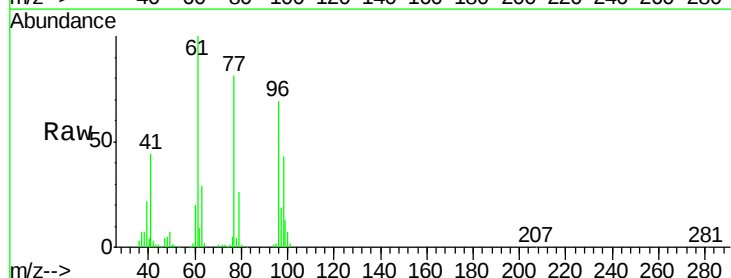
Acq: 10 Dec 2020 00:19

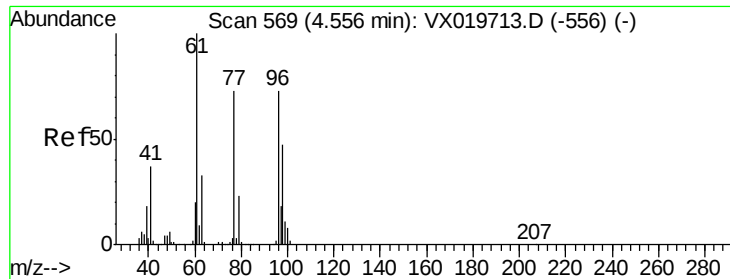
Tgt Ion: 77 Resp: 74174

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.1





#27

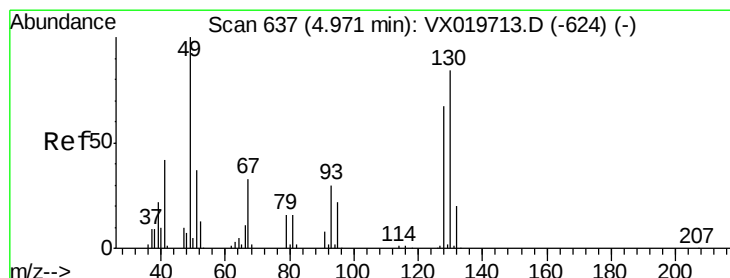
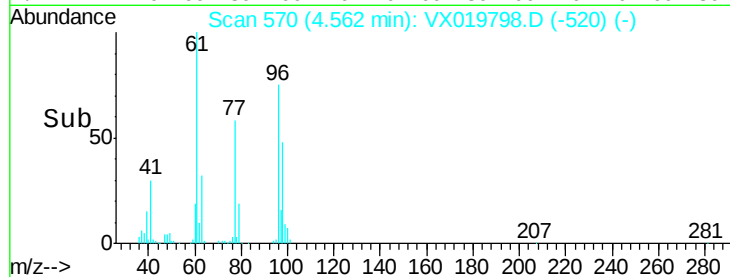
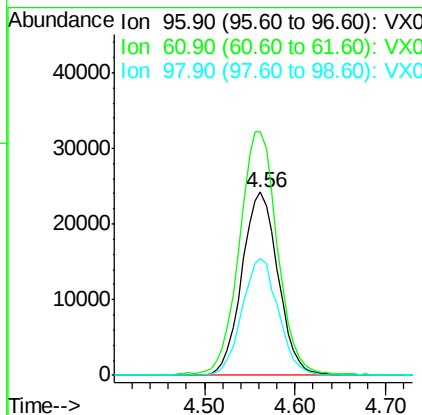
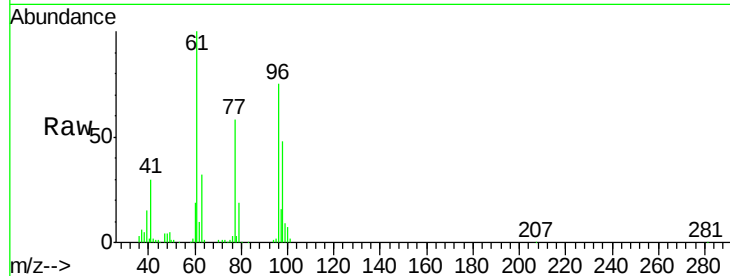
cis-1,2-Dichloroethene
Concen: 19.319 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	285.6
98	63.8	0.0	129.6

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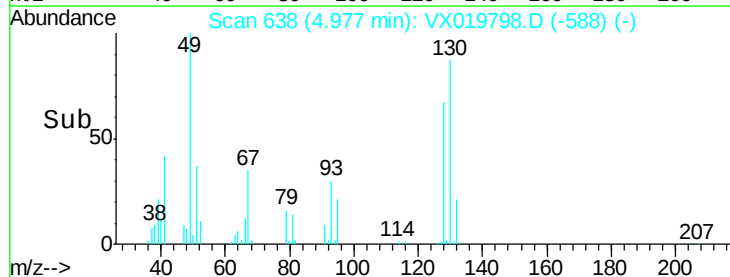
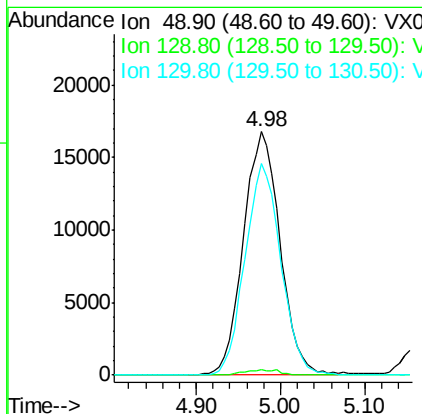
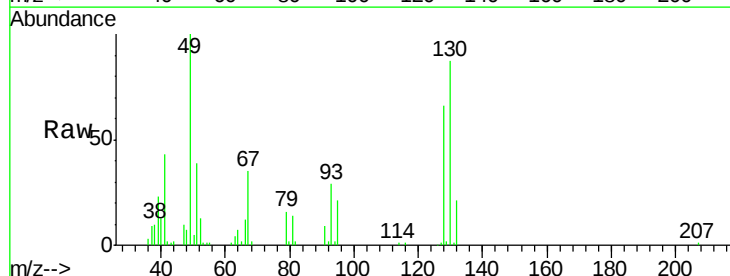
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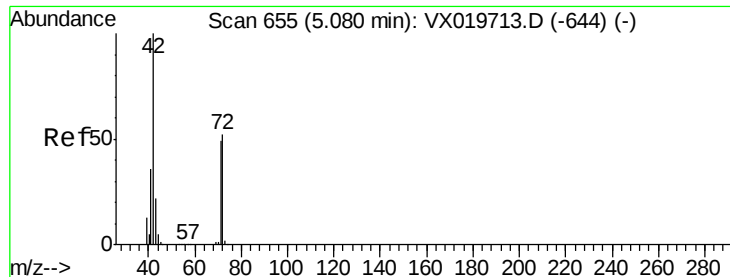


#28

Bromochloromethane
Concen: 19.858 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	84.8	68.2	102.2





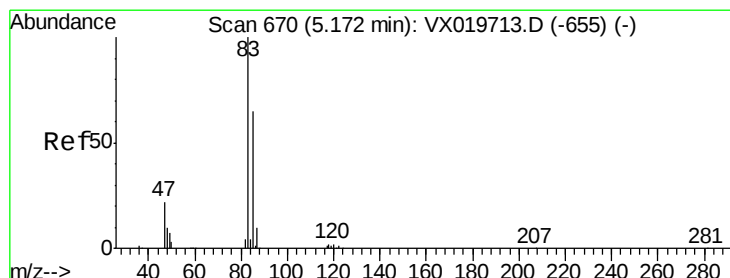
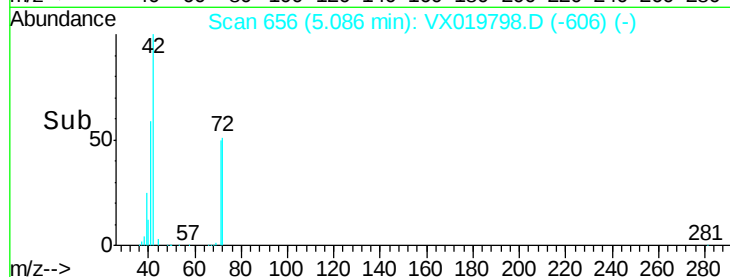
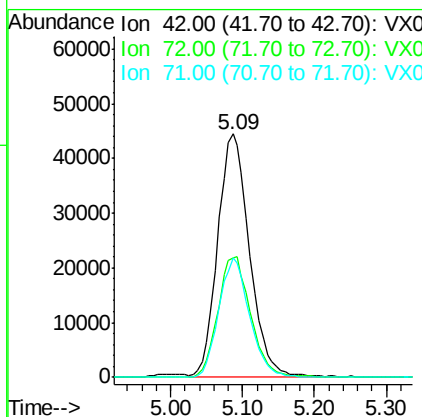
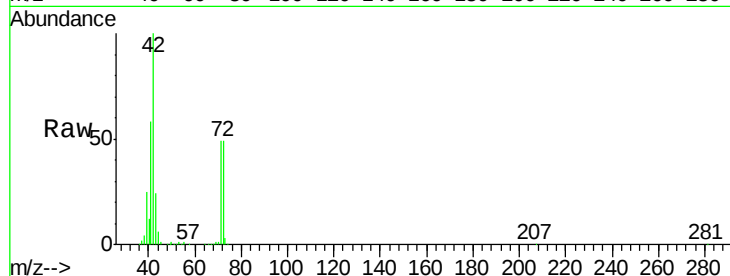
#29
Tetrahydrofuran
Concen: 99.959 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.6	41.7	62.5
71	47.7	38.4	57.6

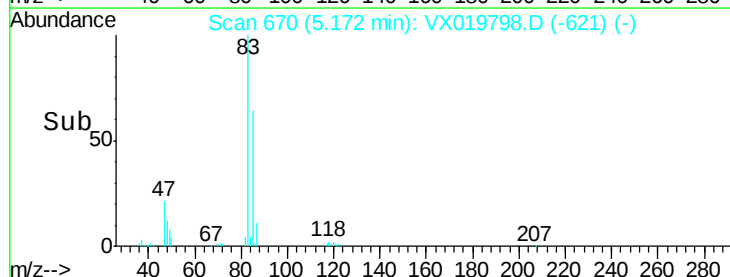
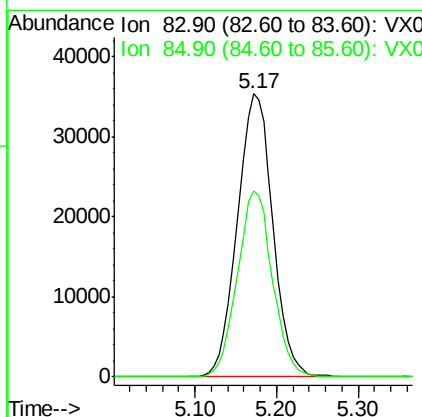
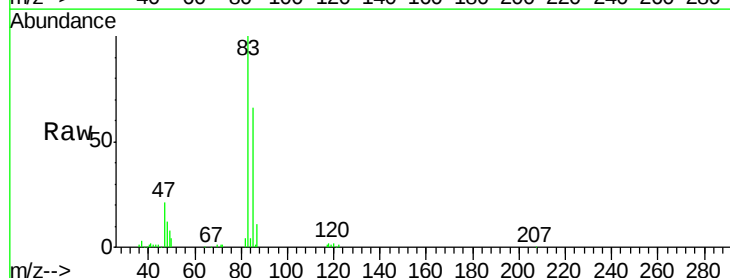
Manual Integrations
APPROVED

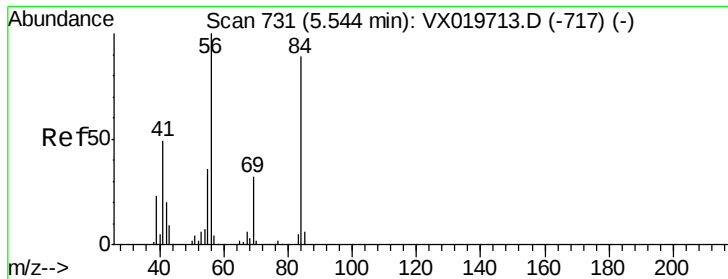
MMDadoda
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#30
Chloroform
Concen: 19.771 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.0	78.0





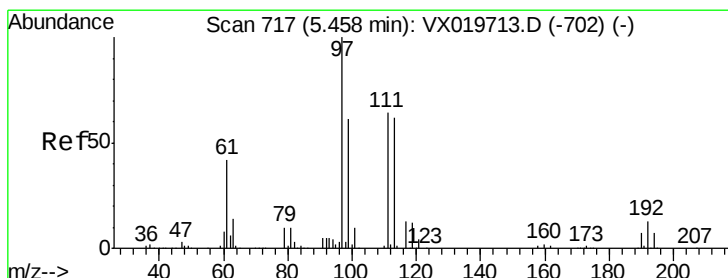
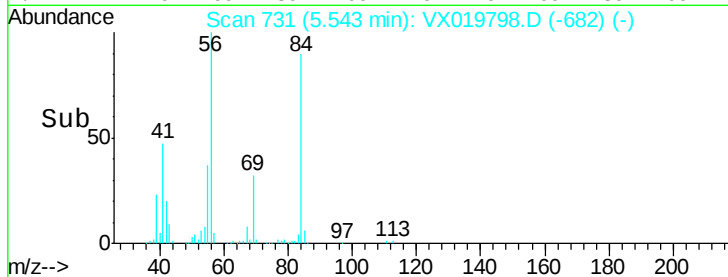
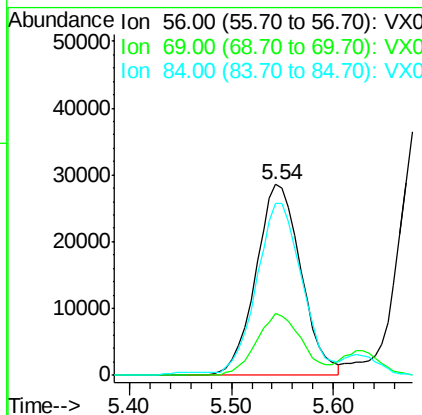
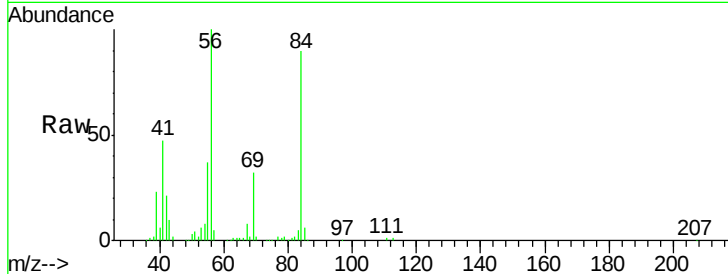
#31
Cyclohexane
Concen: 19.290 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.3	37.9
84	88.7	71.4	107.0

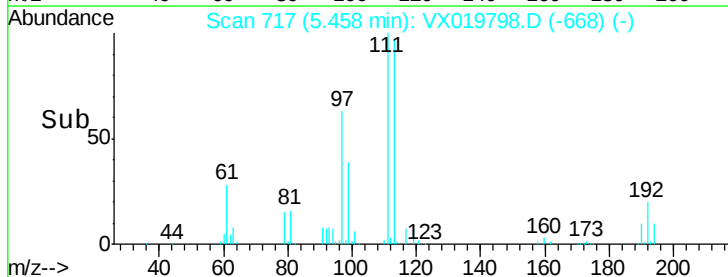
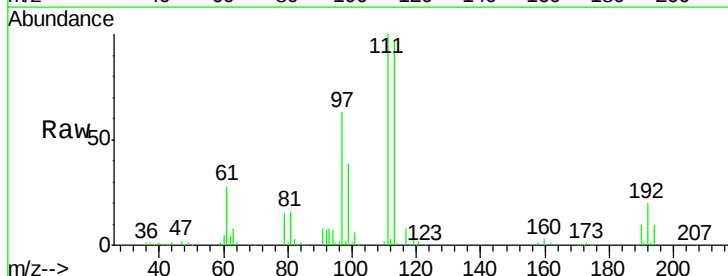
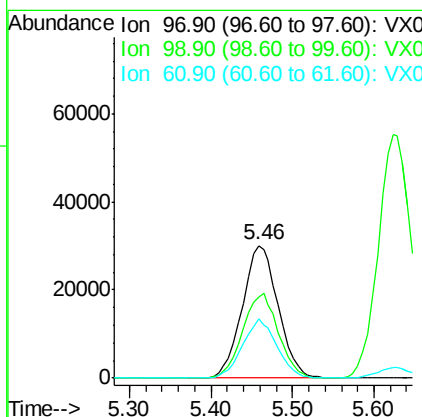
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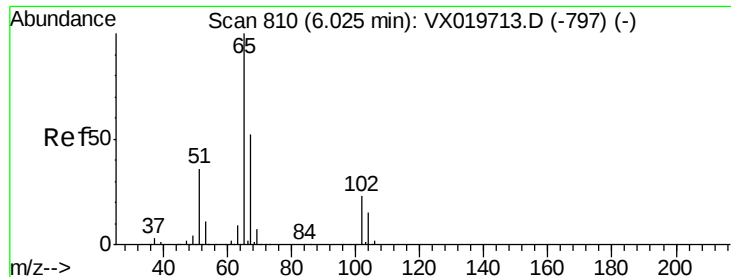
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#32
1,1,1-Trichloroethane
Concen: 19.743 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.5	77.3
61	42.7	34.2	51.4





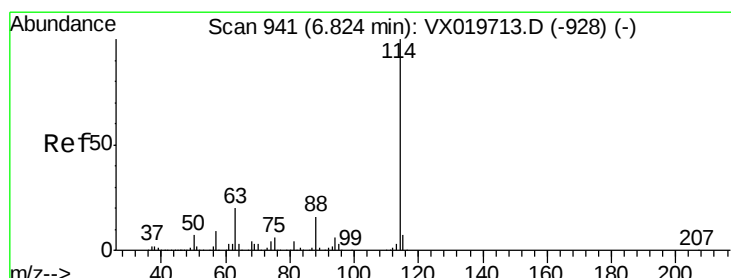
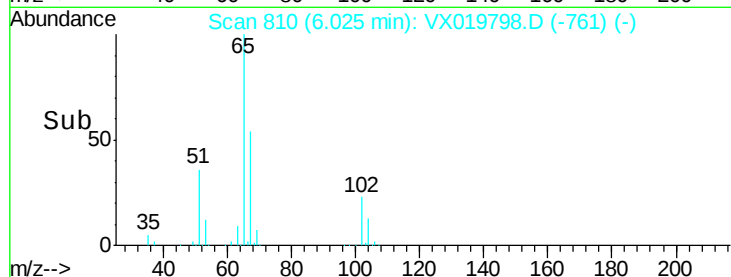
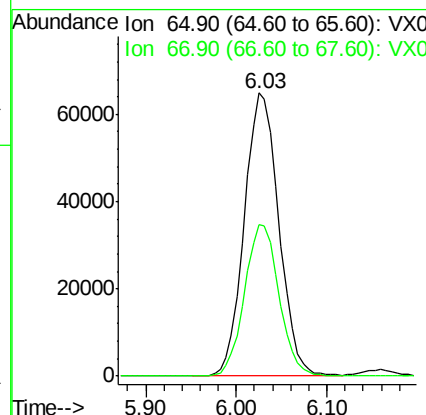
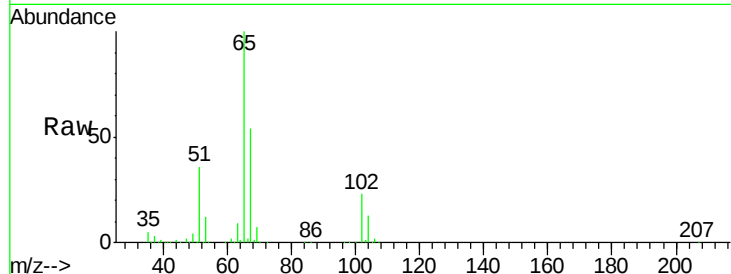
#33
 1,2-Dichloroethane-d4
 Concen: 46.894 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	171219		
67	53.4	0.0	105.4	

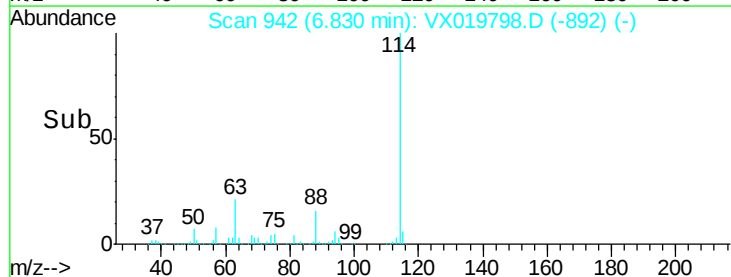
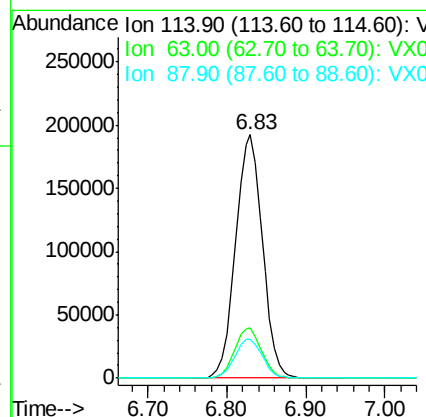
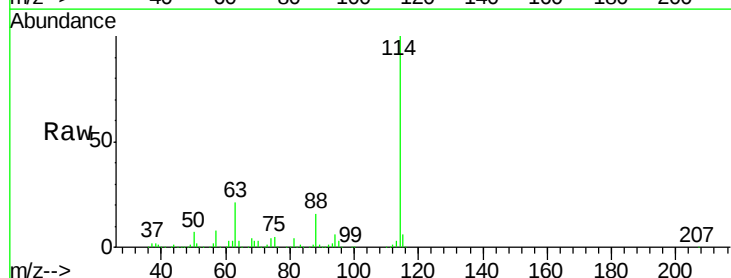
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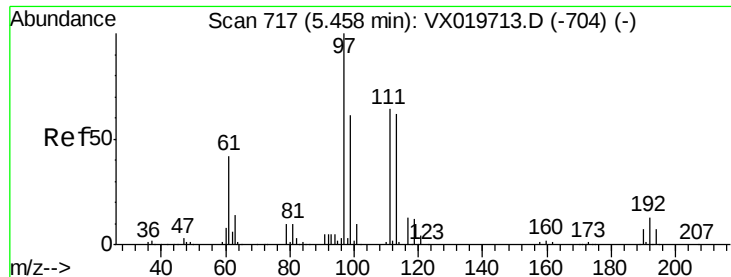
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	455302		
63	20.7	0.0	40.8	
88	16.0	0.0	32.8	





#35

Dibromofluoromethane

Concen: 46.942 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

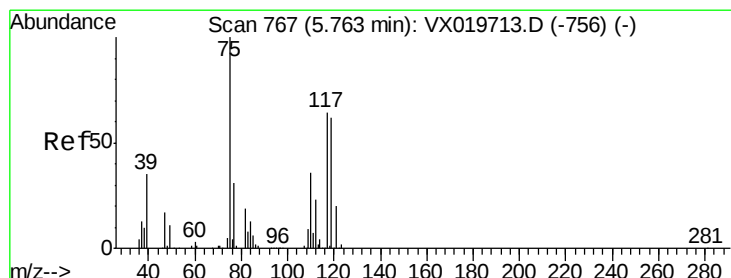
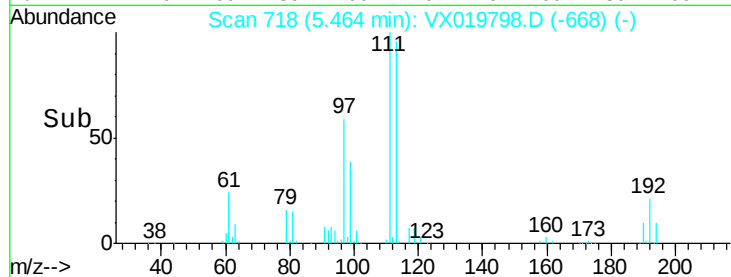
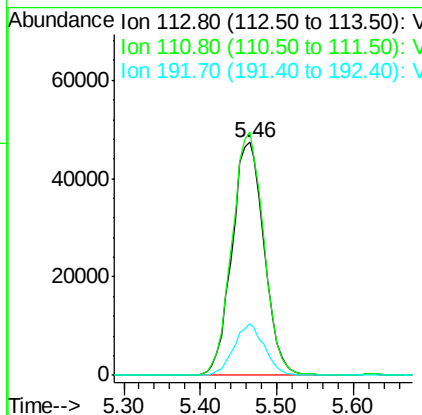
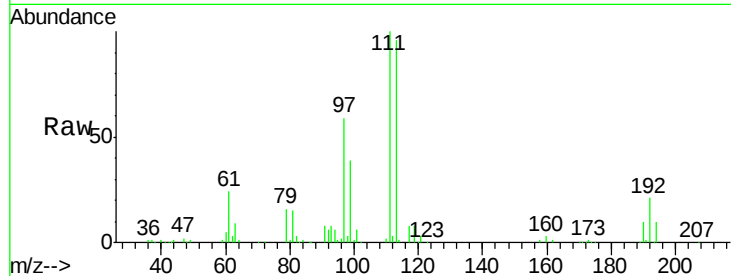
ClientSampleId :

VX1209WBSD02

Tot Ion:	113	Resp:	138128
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.9	122.9
192	21.0	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 18.873 ug/l

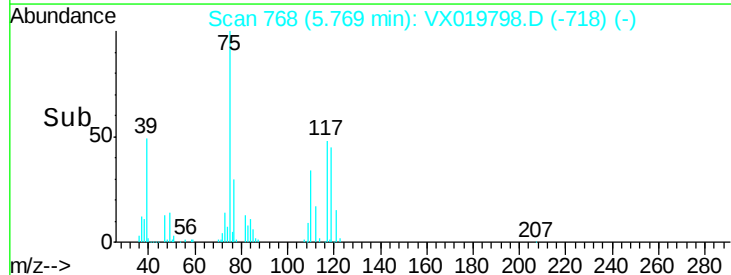
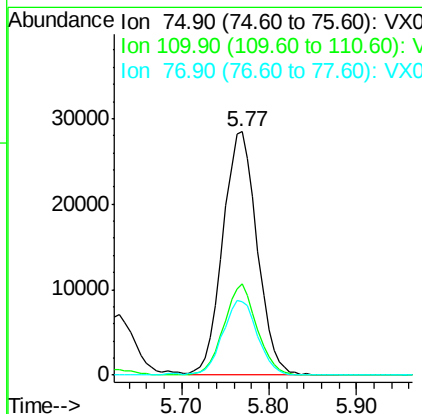
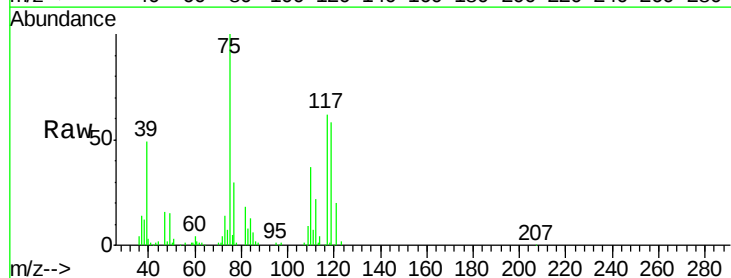
RT: 5.77 min Scan# 768

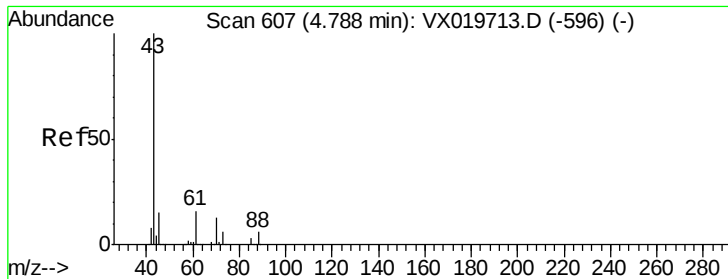
Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Tgt Ion:	75	Resp:	77649
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.1	54.4
77	30.9	25.3	37.9





#37

Ethyl Acetate

Concen: 19.409 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

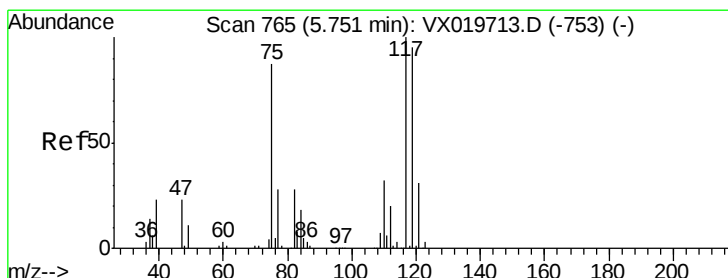
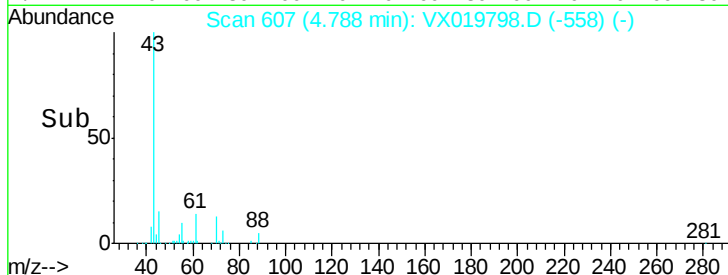
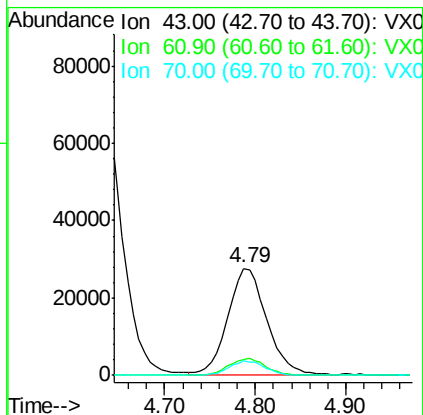
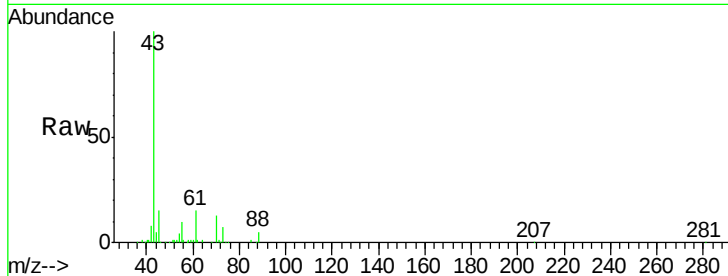
ClientSampleId :

VX1209WBSD02

Tot Ion:	43	Resp:	80627
Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.8	19.2
70	13.0	10.5	15.7

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#38

Carbon Tetrachloride

Concen: 19.053 ug/l

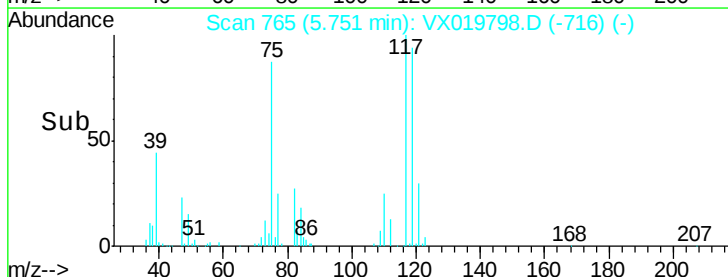
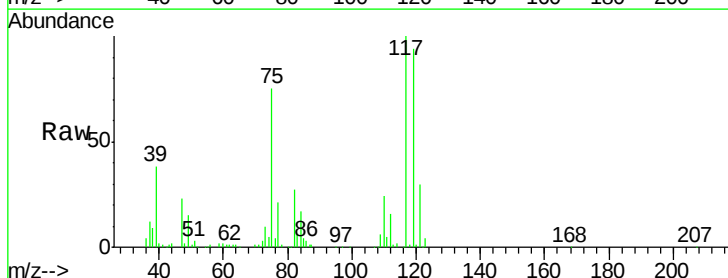
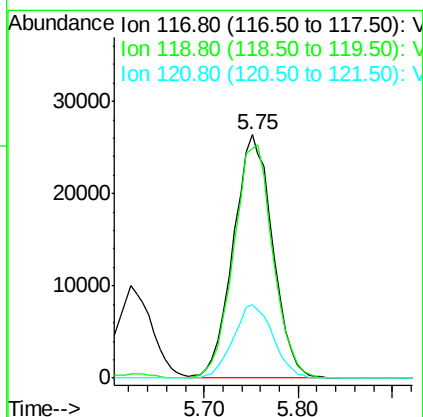
RT: 5.75 min Scan# 765

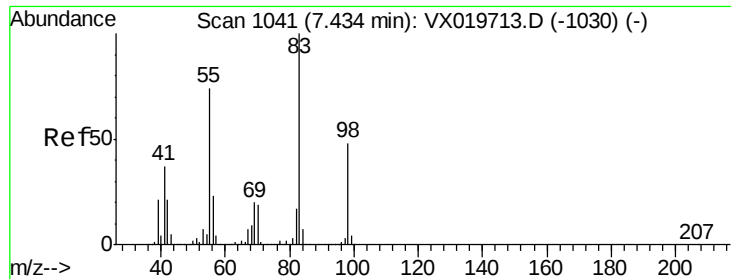
Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Tgt Ion:	117	Resp:	76764
Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.2	114.2
121	30.4	24.8	37.2





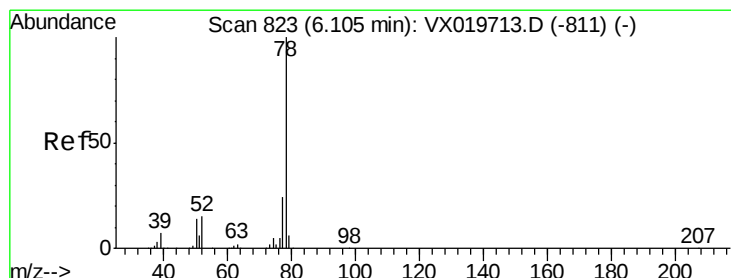
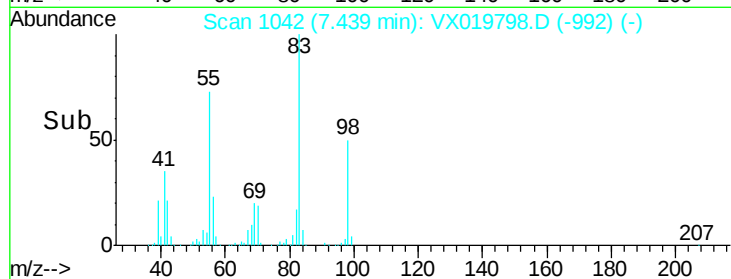
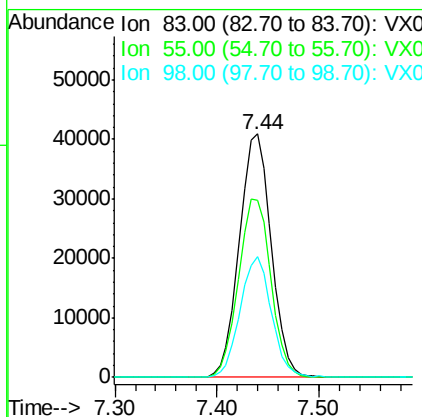
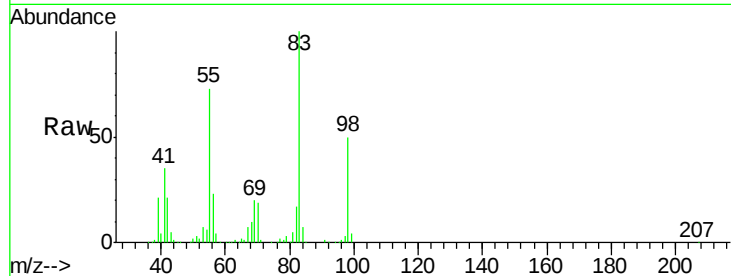
#39
Methvlcvclohexane
Concen: 18.442 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	89145		
55	72.6		58.9	88.3
98	49.6		38.1	57.1

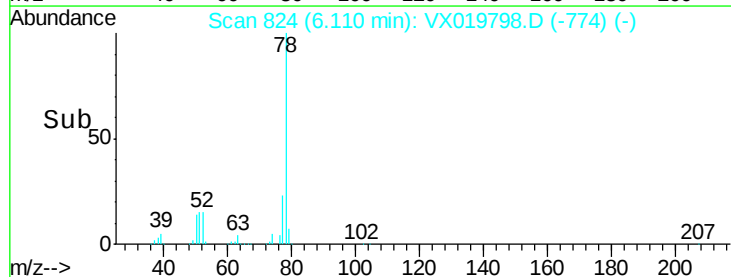
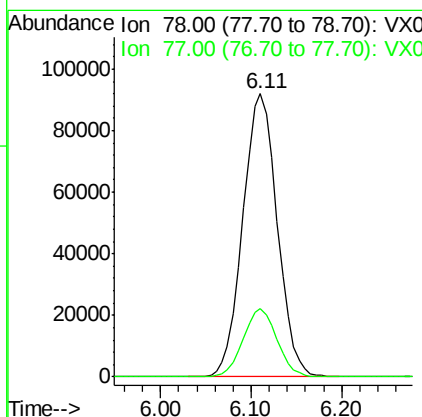
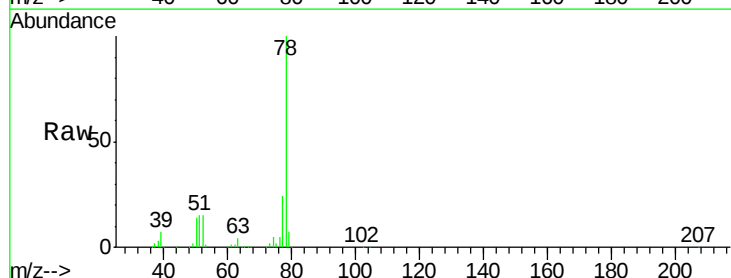
Manual Integrations
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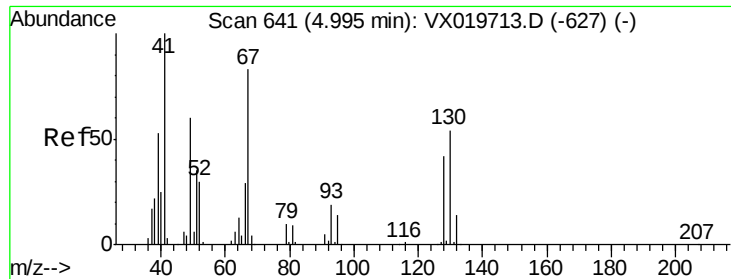
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#40
Benzene
Concen: 19.264 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	242108		
77	24.1		18.9	28.3





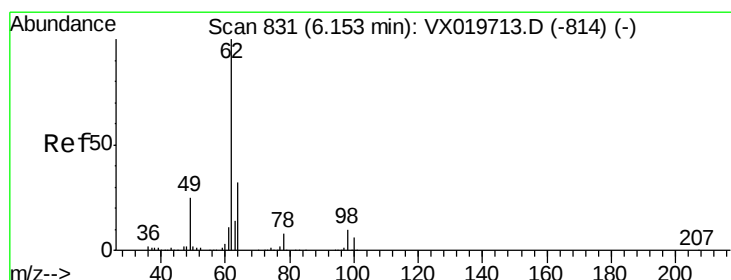
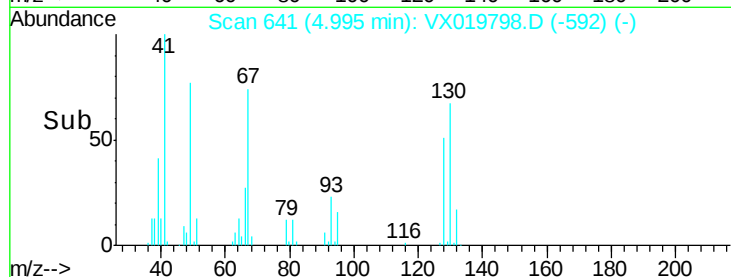
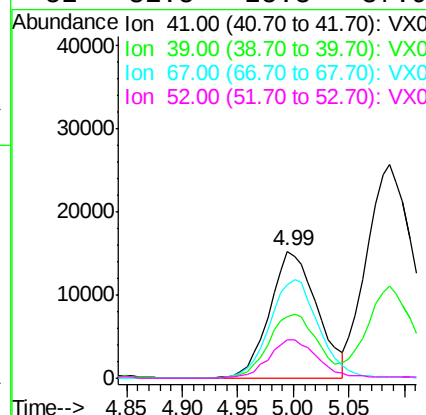
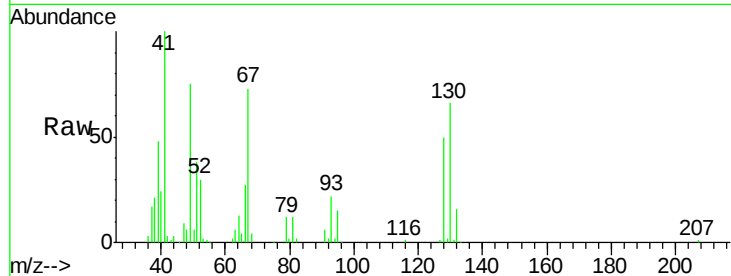
#41
Methacrylonitrile
Concen: 19.854 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.7	42.5	63.7	
67	80.5	65.0	97.6	
52	31.5	25.3	37.9	

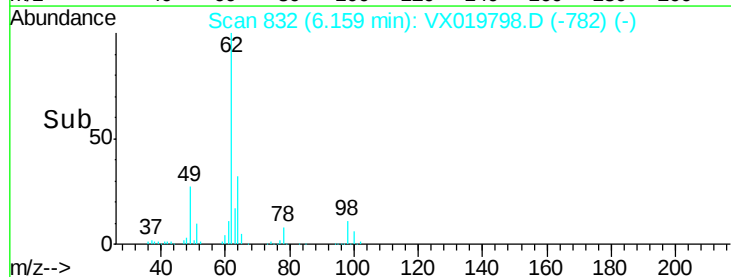
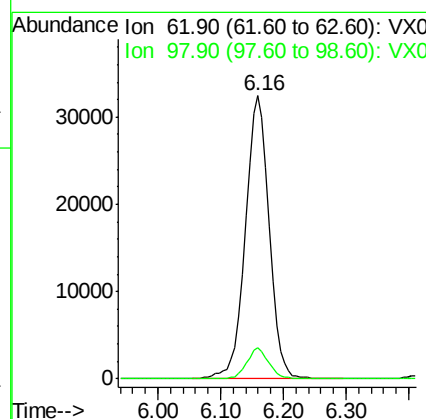
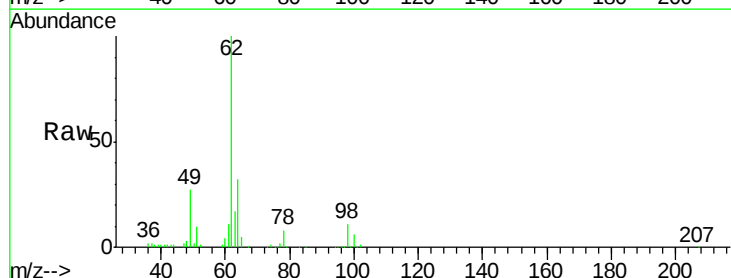
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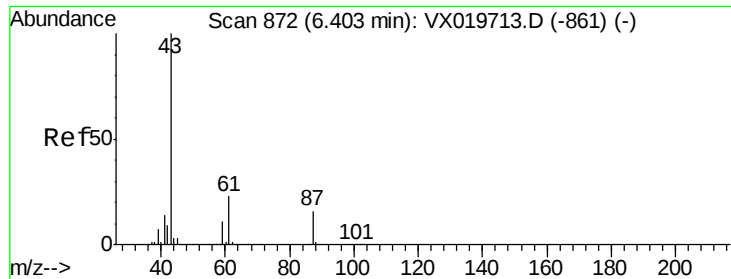
MMDadoda
12/10/2020 9:31:09 AM



#42
1,2-Dichloroethane
Concen: 19.768 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.2	





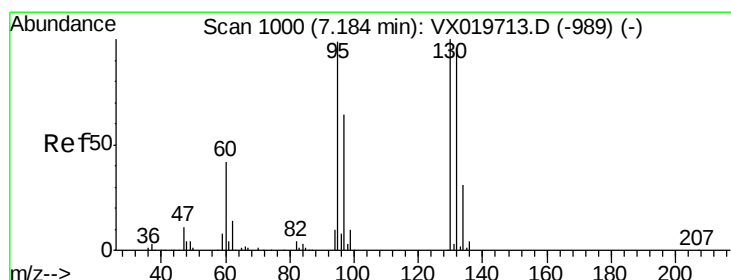
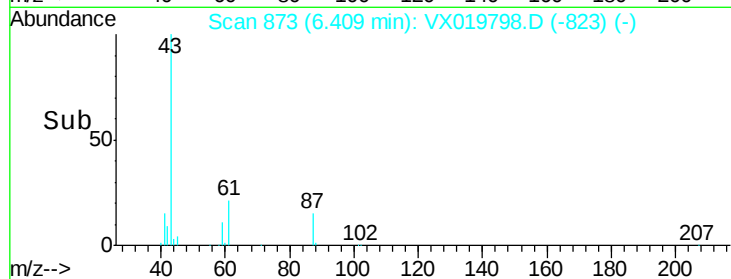
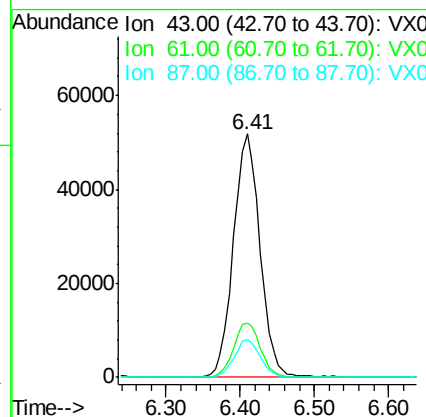
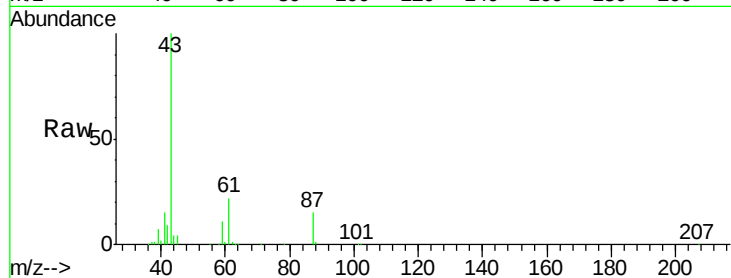
#43
Isopropyl Acetate
Concen: 19.128 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.6	18.2	27.4
87	15.1	12.5	18.7

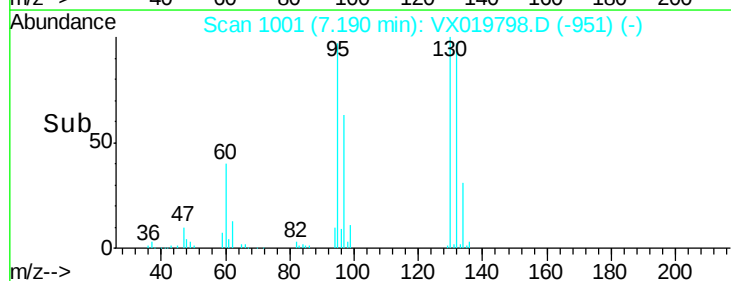
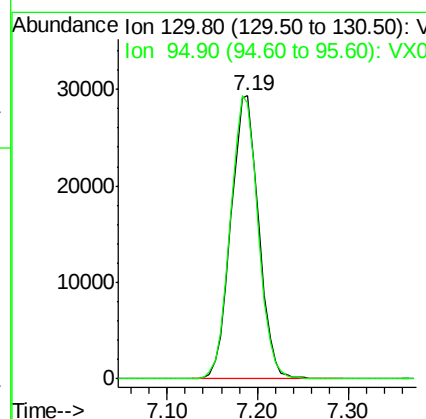
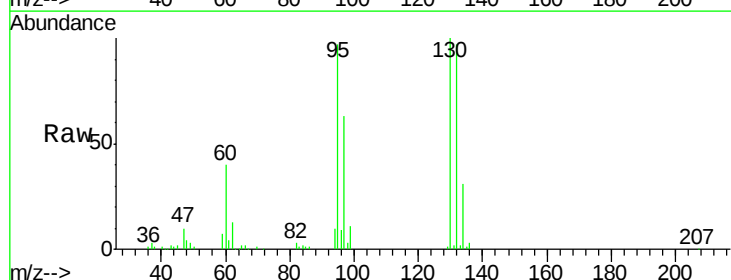
Manual Integrations
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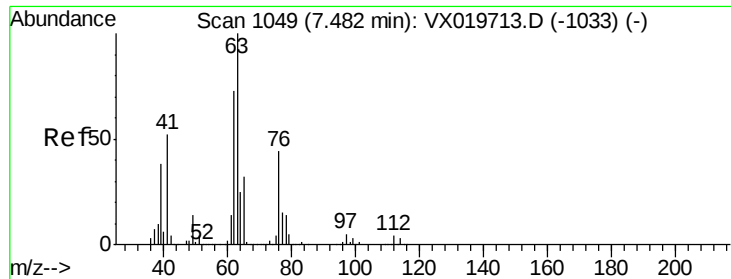
MMDadoda
12/10/2020 9:31:09 AM



#44
Trichloroethene
Concen: 18.899 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	198.0





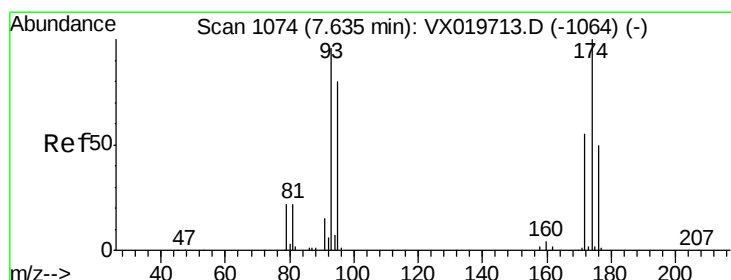
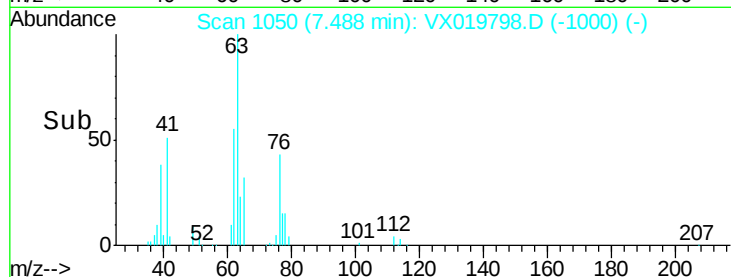
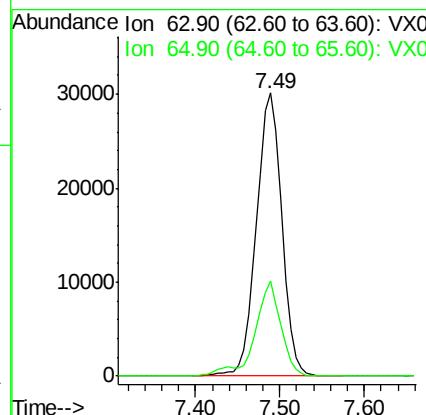
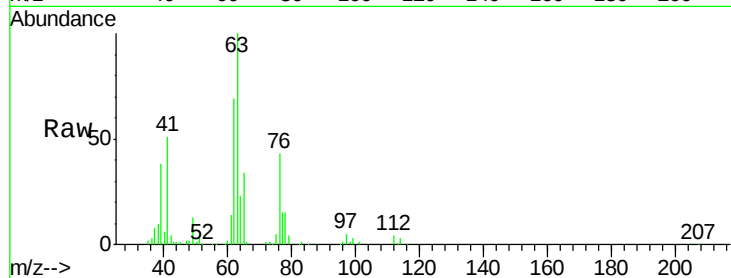
#45
 1,2-Dichloropropane
 Concen: 19.727 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Tot Ion: 63 Resp: 61964
 Ion Ratio Lower Upper
 63 100
 65 33.6 25.7 38.5

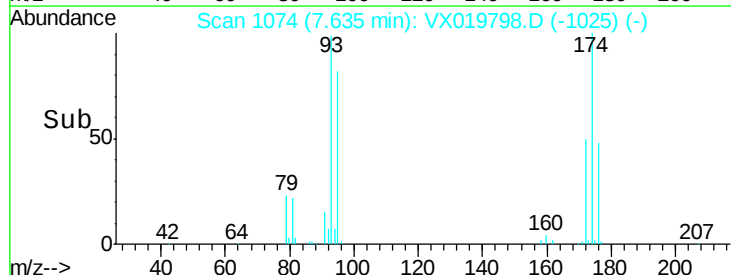
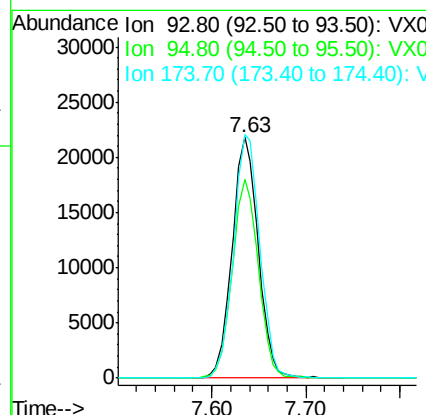
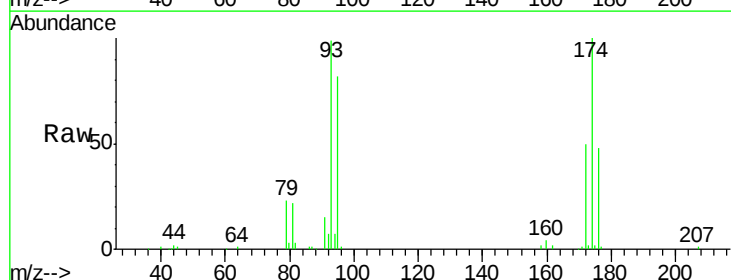
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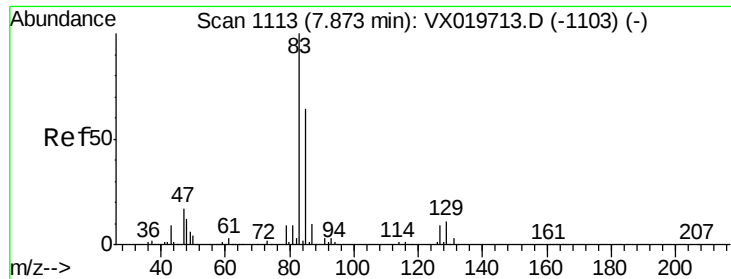
MMDadoda
 12/10/2020 9:31:09 AM



#46
 Dibromomethane
 Concen: 19.763 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Tgt Ion: 93 Resp: 41920
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.8 100.2
 174 101.8 83.1 124.7





#47

Bromodichloromethane

Concen: 19.099 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

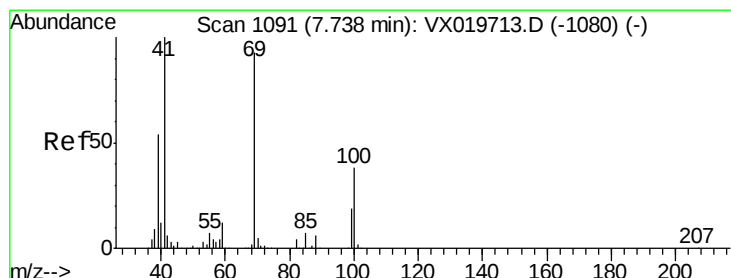
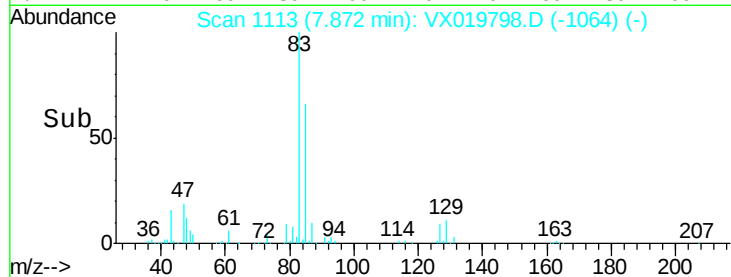
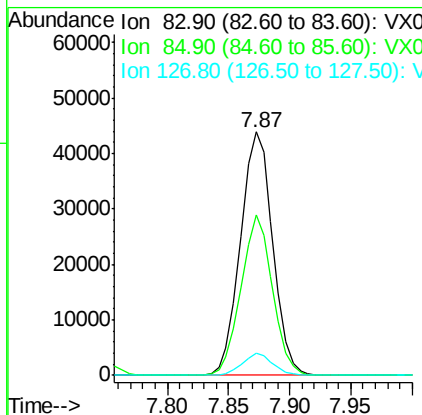
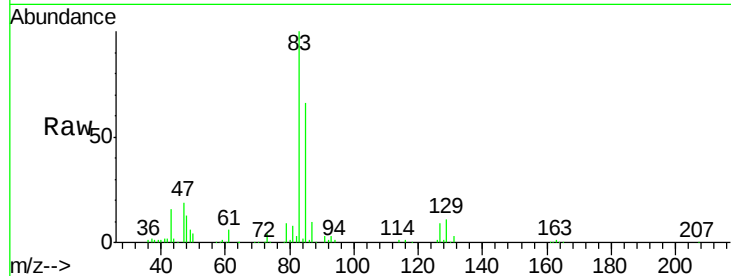
ClientSampleId :

VX1209WBSD02

Tot Ion:	83	Resp:	80390
Ion Ratio	Lower	Upper	
83	100		
85	66.0	51.4	77.0
127	9.3	6.8	10.2

Manual Integrations
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12/10/2020 9:31:09 AM



#48

Methyl methacrylate

Concen: 19.028 ug/l

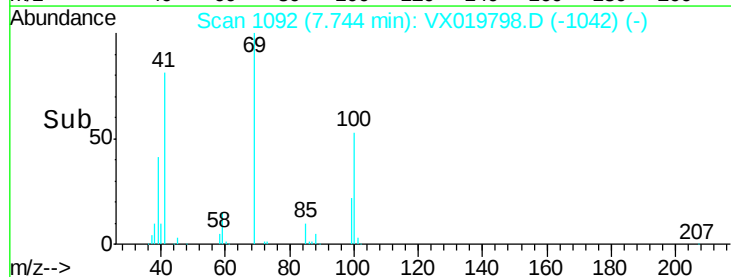
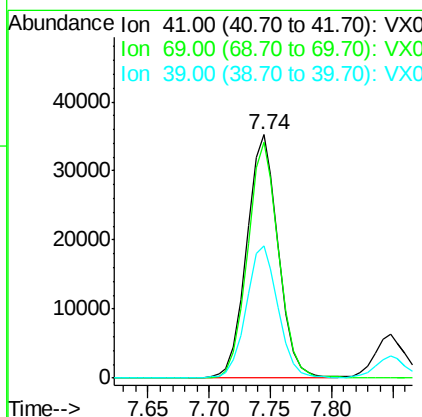
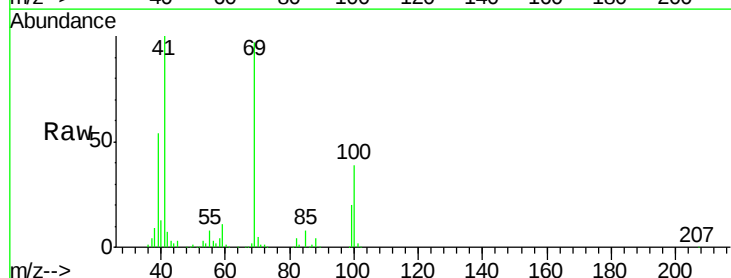
RT: 7.74 min Scan# 1092

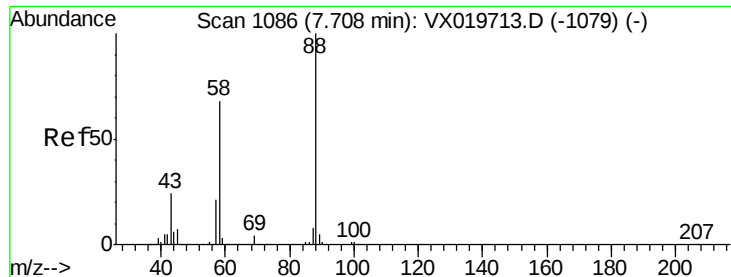
Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Tgt Ion:	41	Resp:	63201
Ion Ratio	Lower	Upper	
41	100		
69	95.3	76.0	114.0
39	55.1	44.6	67.0





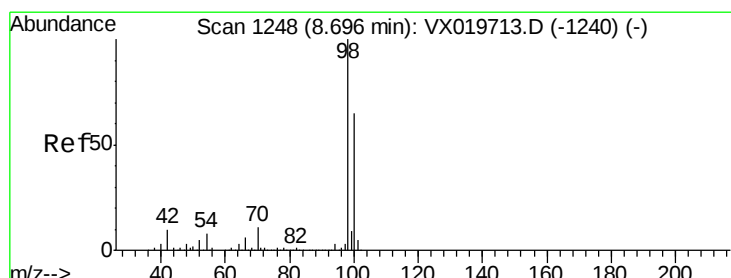
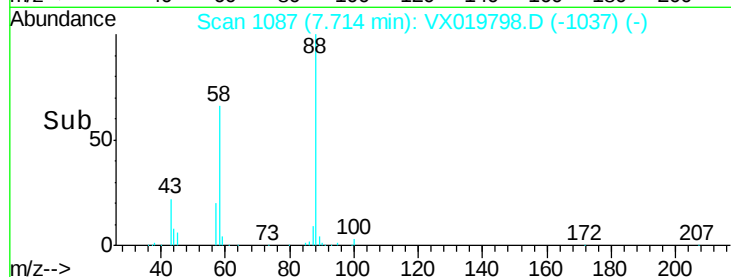
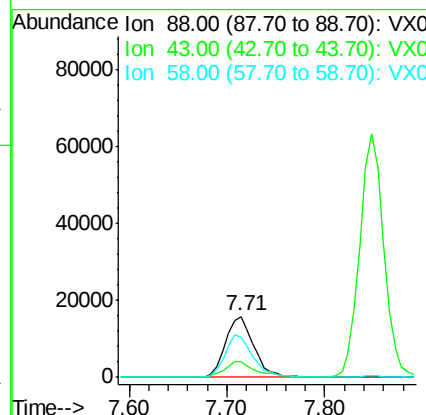
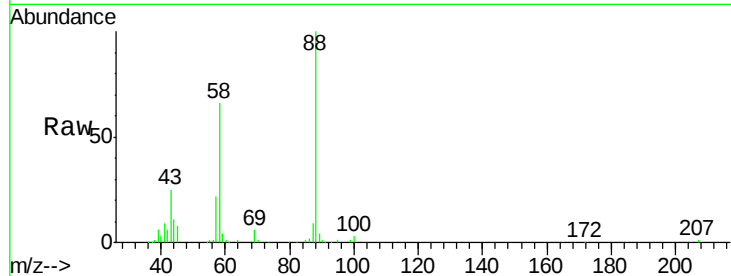
#49
1,4-Dioxane
Concen: 393.912 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.6	23.2	34.8
58	69.7	55.0	82.4

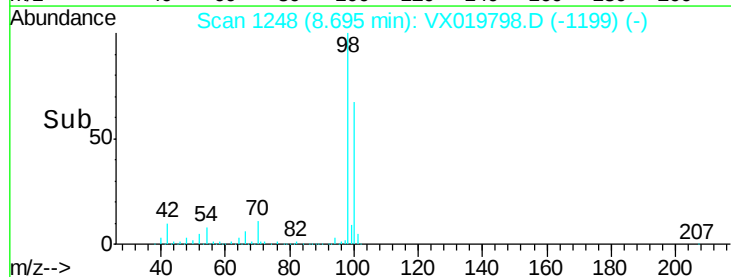
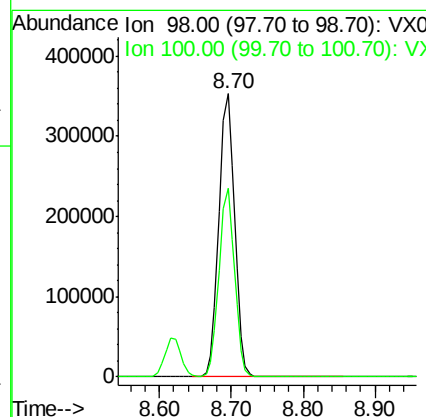
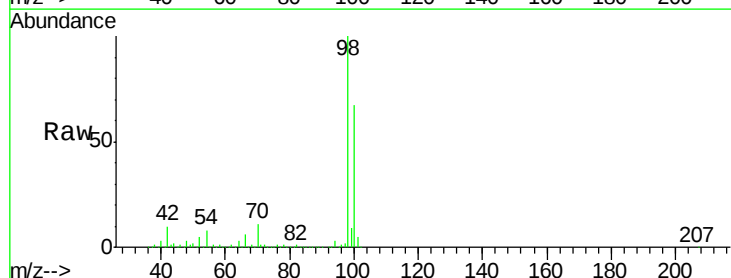
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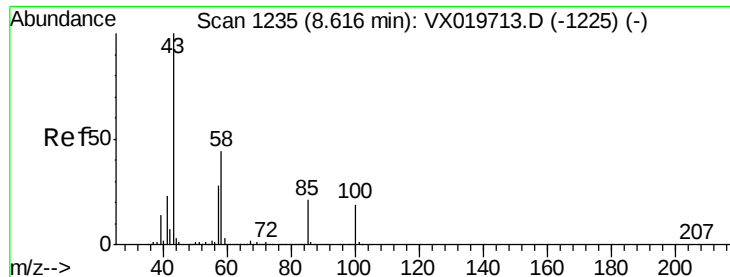
MMDadoda
12/10/2020 9:31:09 AM



#50
Toluene-d8
Concen: 47.872 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 100.485 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion: 43 Resp: 414328

Ion Ratio Lower Upper

43 100

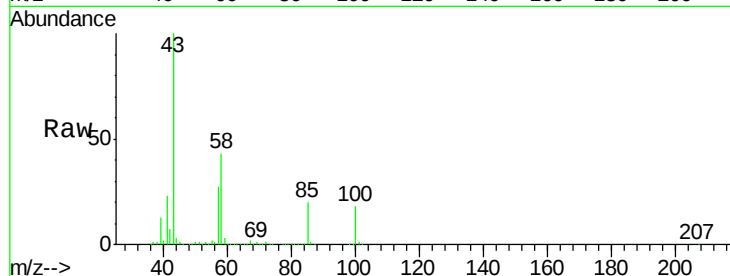
58 43.8 35.4 53.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

250000

200000

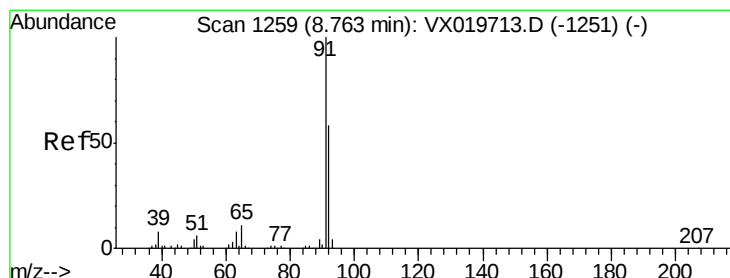
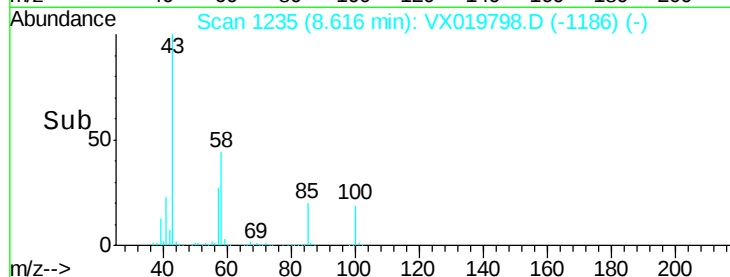
150000

100000

50000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.298 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019798.D

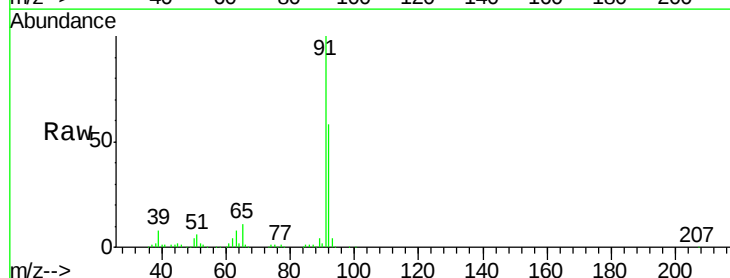
Acq: 10 Dec 2020 00:19

Tgt Ion: 92 Resp: 151689

Ion Ratio Lower Upper

92 100

91 169.8 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

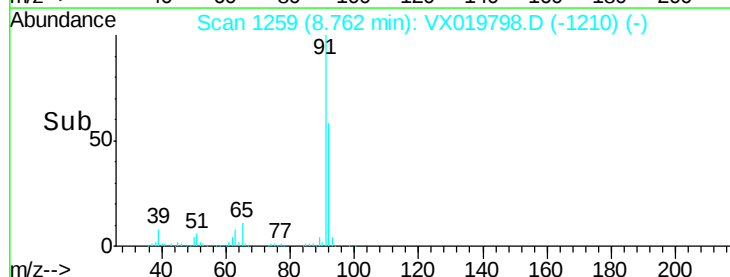
150000

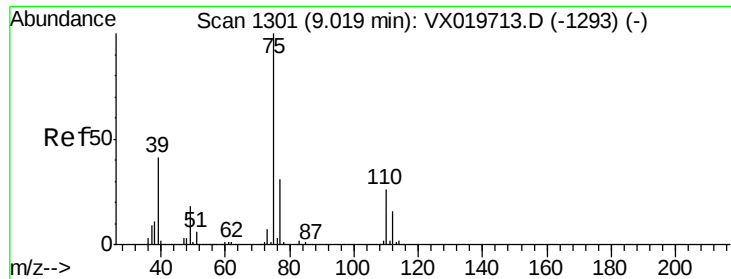
100000

50000

0

Time--> 8.70 8.80 8.90





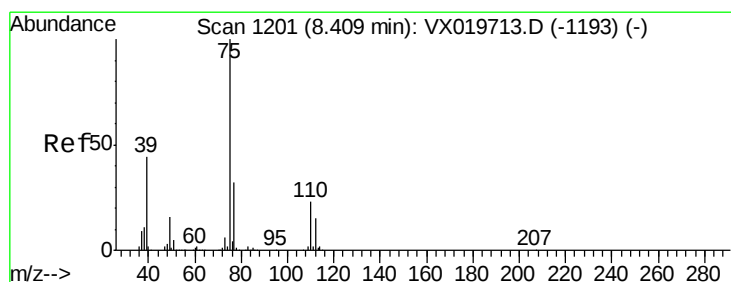
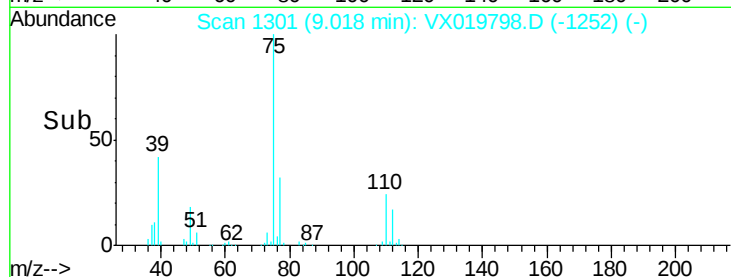
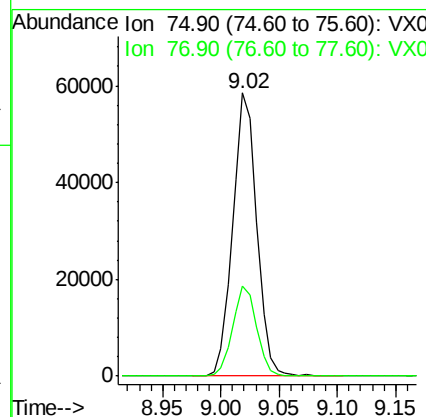
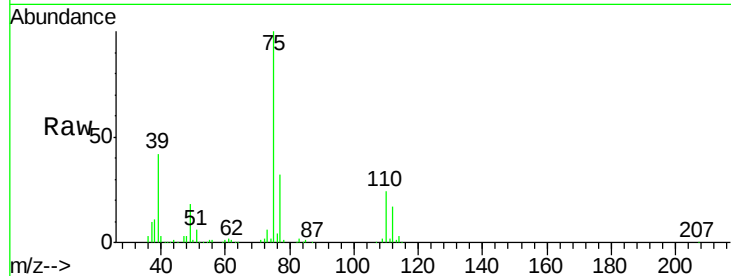
#53
t-1,3-Dichloropropene
Concen: 18.002 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion: 75 Resp: 84085
Ion Ratio Lower Upper
75 100
77 32.0 24.9 37.3

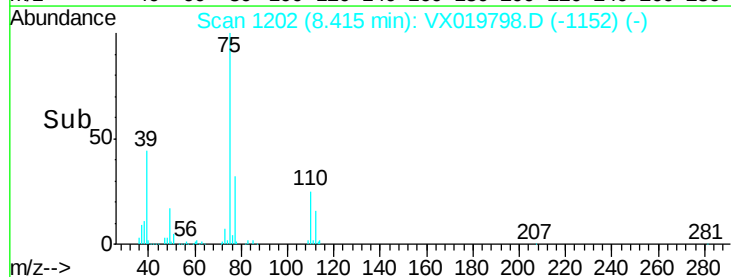
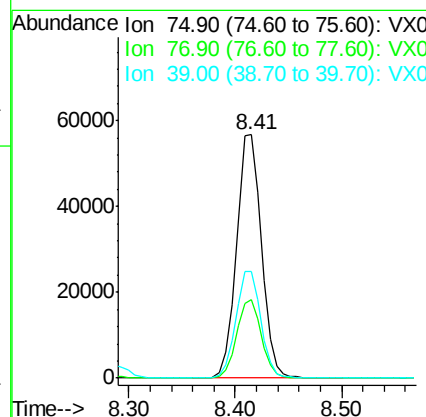
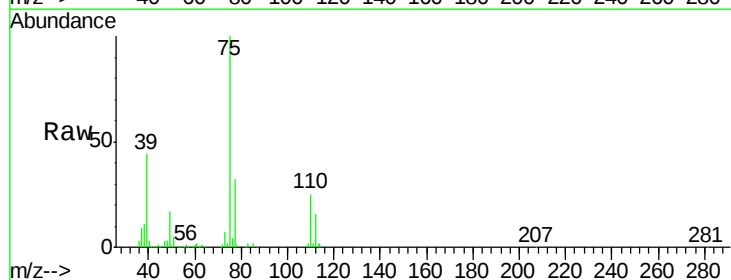
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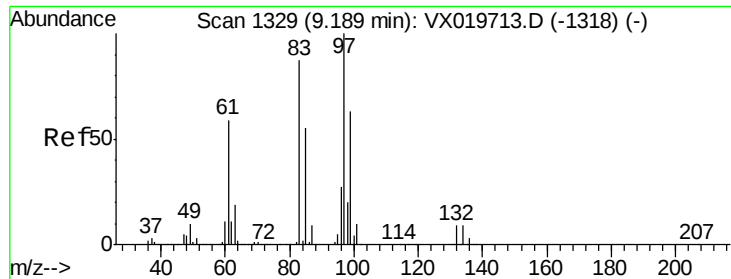
MMDadoda
12/10/2020 9:31:09 AM



#54
cis-1,3-Dichloropropene
Concen: 18.429 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 75 Resp: 93516
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
39 43.5 35.1 52.7





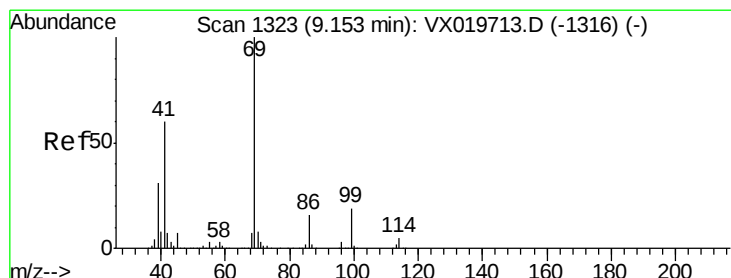
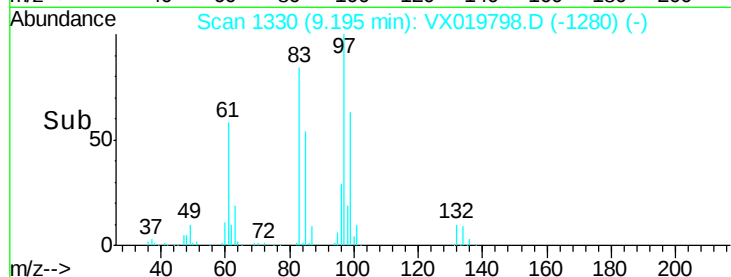
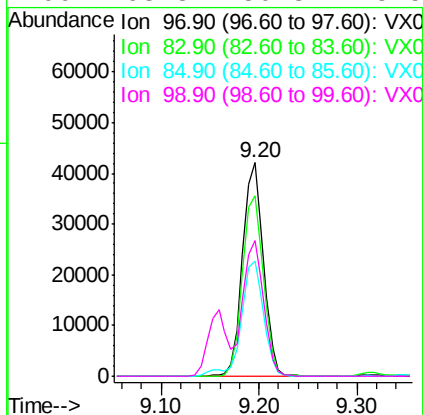
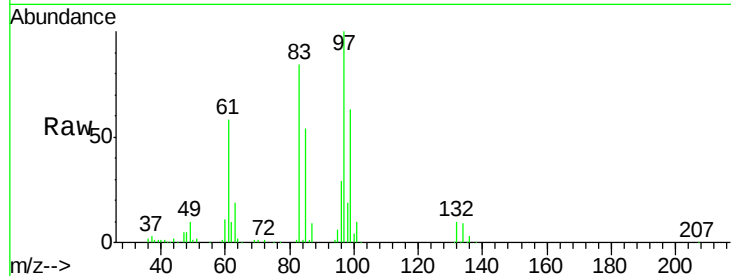
#55
 1,1,2-Trichloroethane
 Concen: 19.746 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Tot Ion:	97	Resp:	62549
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.3	103.9
85	54.0	44.3	66.5
99	63.3	50.3	75.5

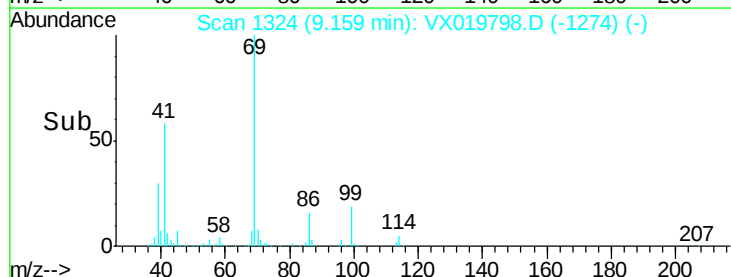
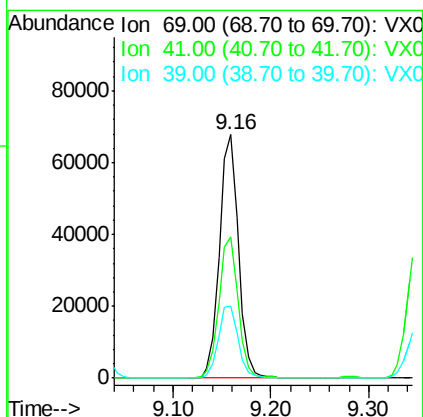
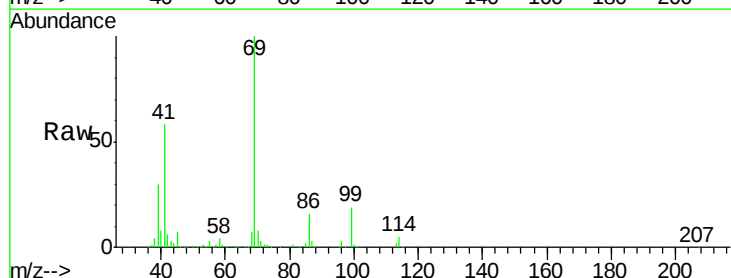
Manual Integrations
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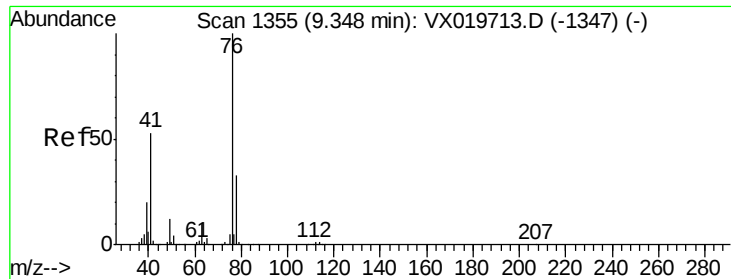
MMDadoda
 12/10/2020 9:31:09 AM



#56
 Ethyl methacrylate
 Concen: 19.058 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Tgt Ion:	69	Resp:	91338
Ion	Ratio	Lower	Upper
69	100		
41	59.4	46.8	70.2
39	31.2	24.7	37.1





#57

1,3-Dichloropropane

Concen: 19.383 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion: 76 Resp: 104840

Ion Ratio Lower Upper

76 100

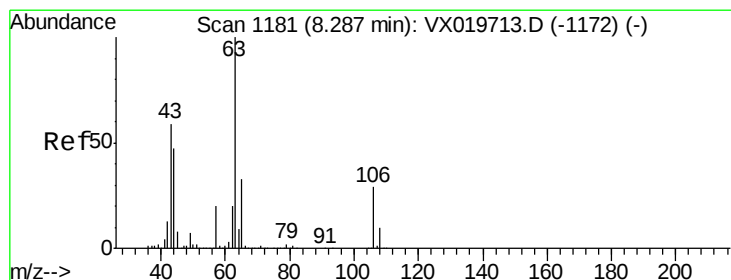
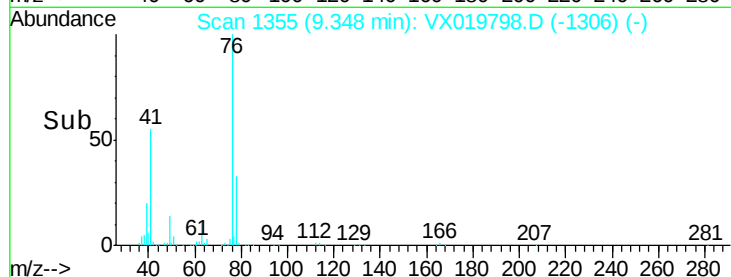
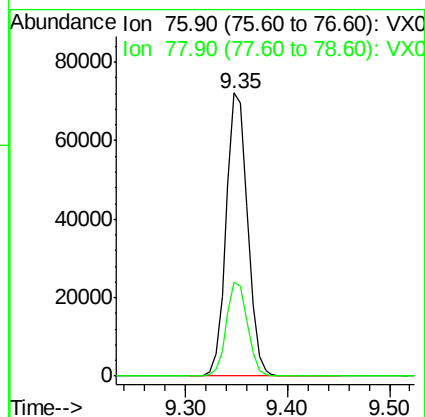
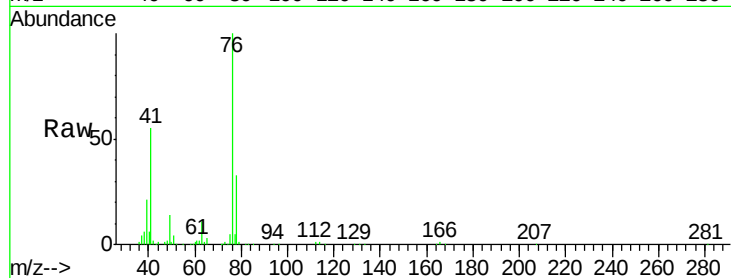
78 32.7 26.2 39.2

Manual Integrations

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12/10/2020 9:31:09 AM



#58

2-Chloroethyl Vinyl ether

Concen: 98.387 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019798.D

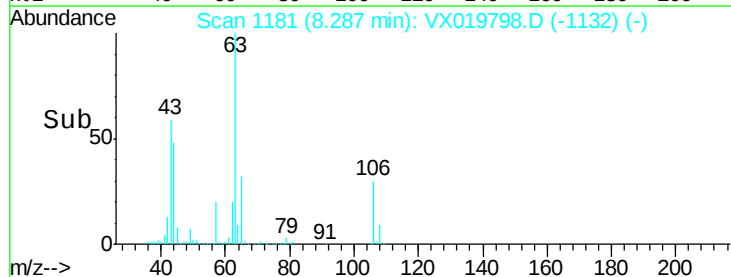
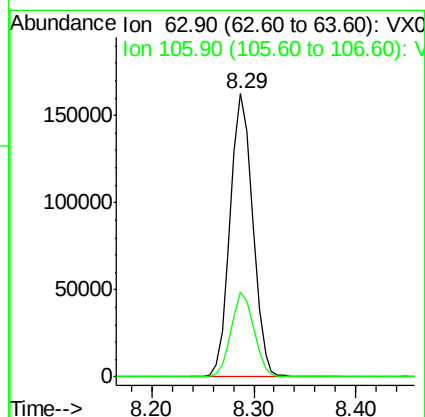
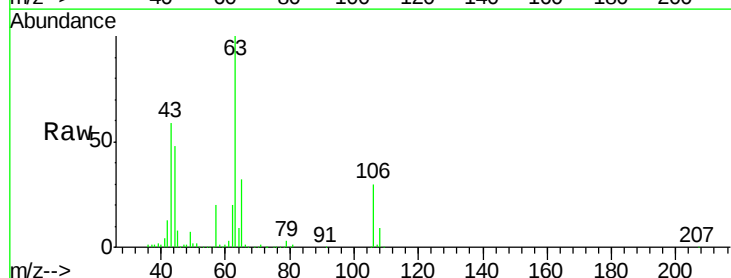
Acq: 10 Dec 2020 00:19

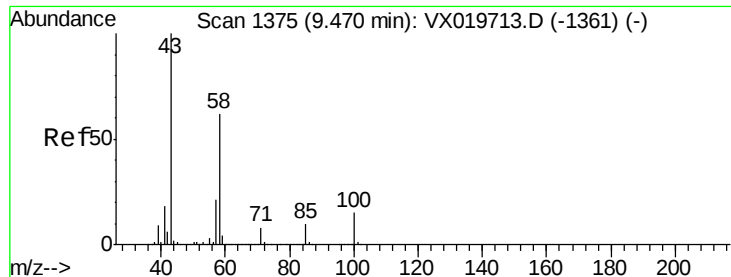
Tgt Ion: 63 Resp: 249795

Ion Ratio Lower Upper

63 100

106 29.9 23.5 35.3





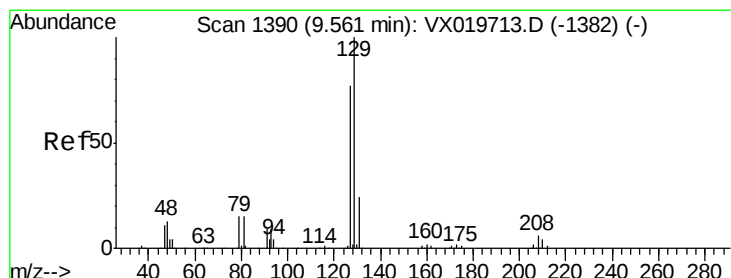
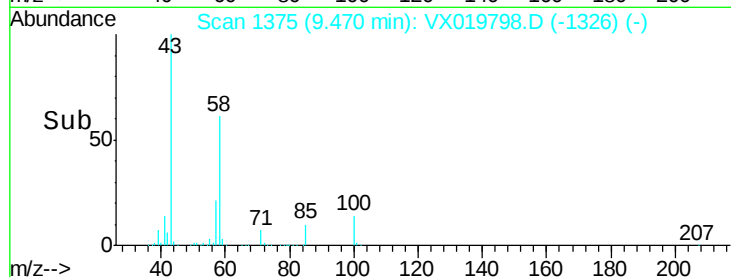
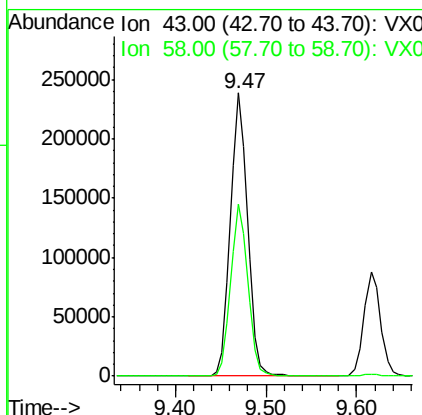
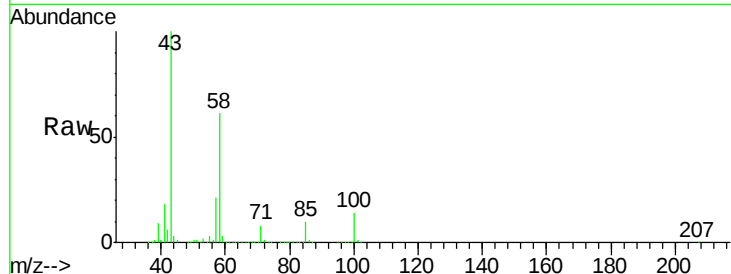
#59
2-Hexanone
Concen: 98.777 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion: 43 Resp: 315702
Ion Ratio Lower Upper
43 100
58 60.9 30.9 92.8

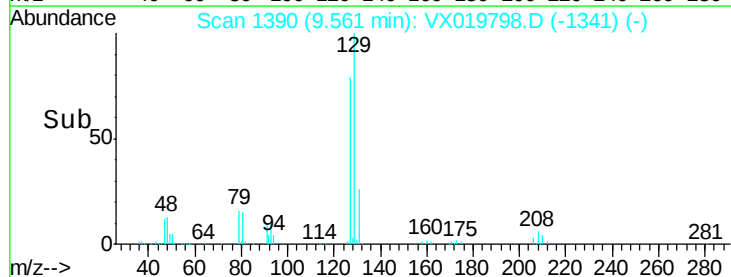
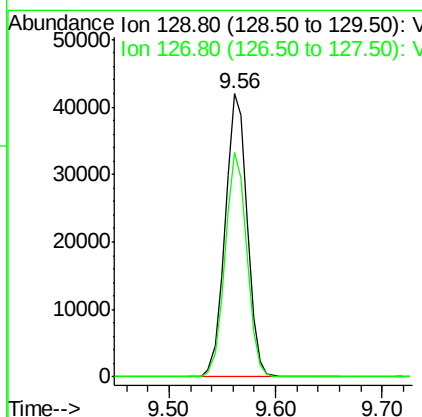
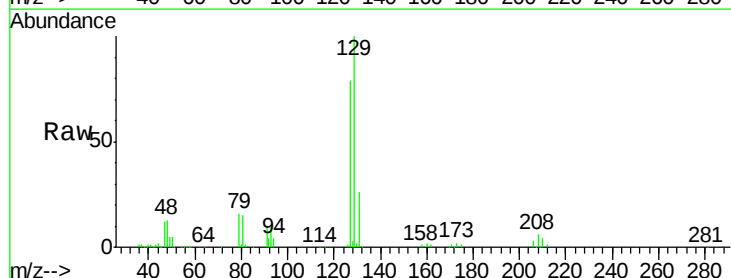
Manual Integrations
APPROVED

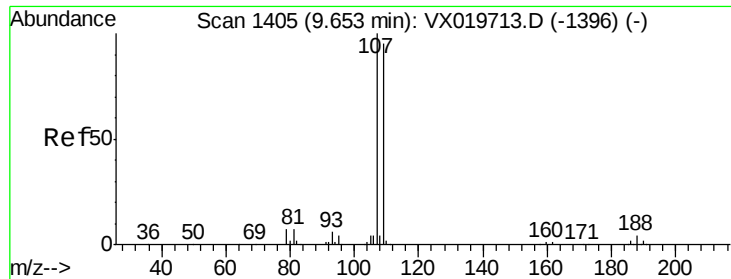
MMDadoda
12/10/2020 9:31:09 AM



#60
Dibromochloromethane
Concen: 18.940 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 129 Resp: 60954
Ion Ratio Lower Upper
129 100
127 78.2 38.4 115.2





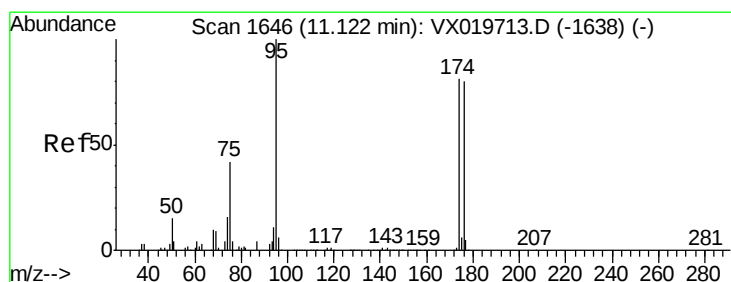
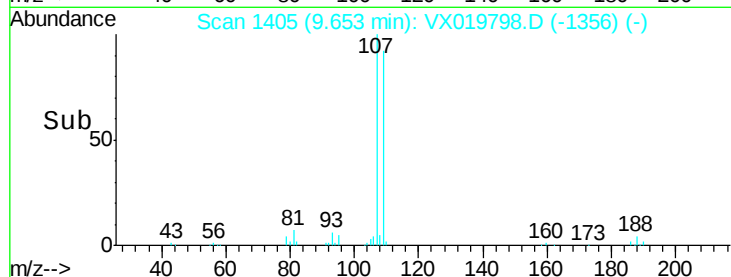
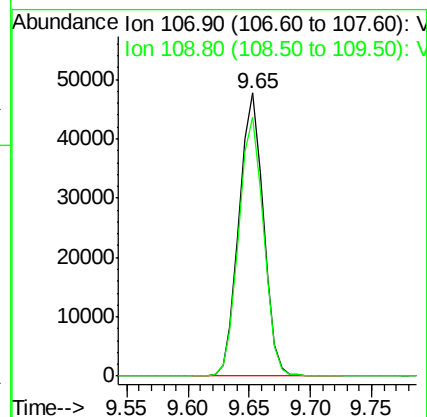
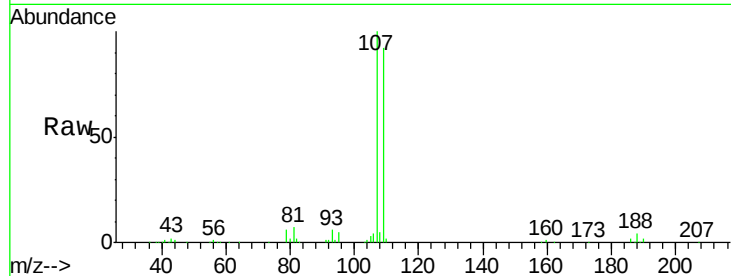
#61
 1,2-Dibromoethane
 Concen: 19.505 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Tot Ion: 107 Resp: 65607
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.8 113.6

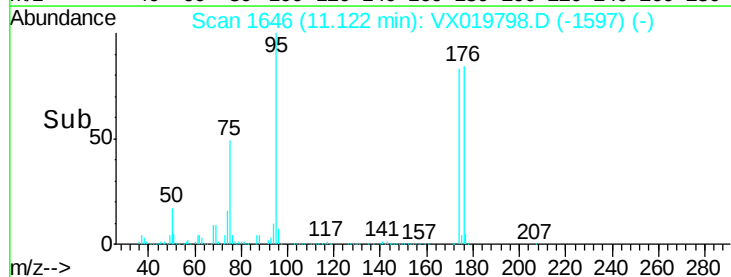
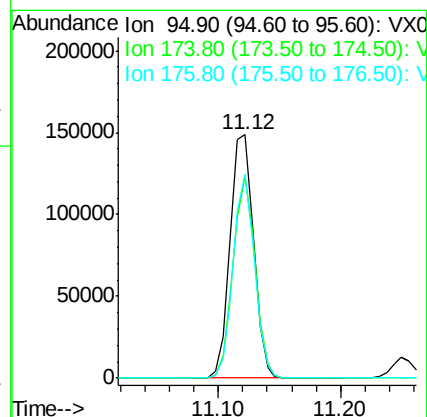
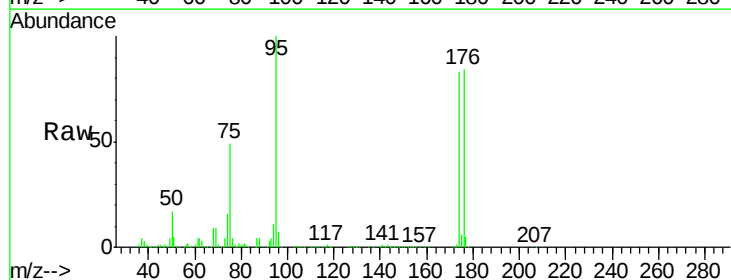
Manual Integrations
 APPROVED

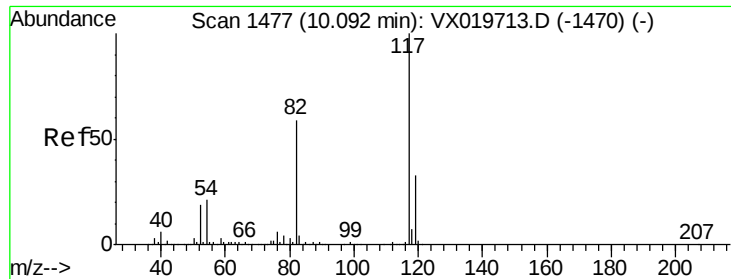
MMDadoda
 12/10/2020 9:31:09 AM



#62
 4-Bromofluorobenzene
 Concen: 46.134 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Tgt Ion: 95 Resp: 197257
 Ion Ratio Lower Upper
 95 100
 174 77.8 0.0 154.6
 176 76.5 0.0 155.8





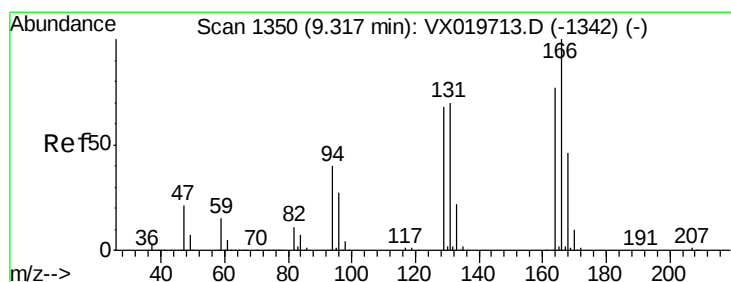
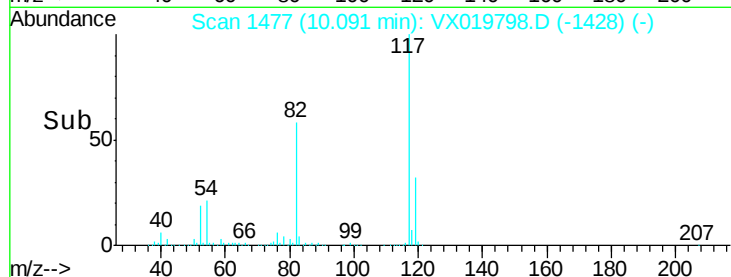
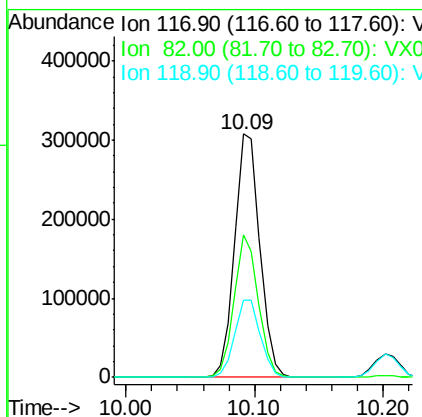
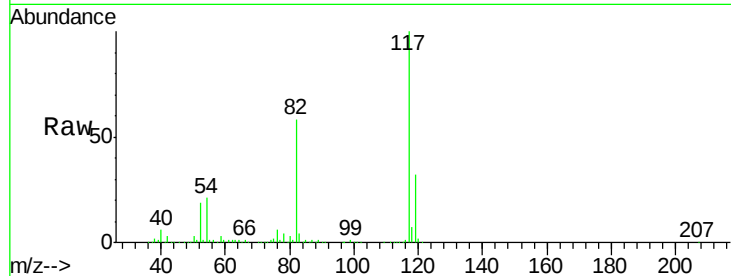
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	420275		
82	58.4		47.4	71.2
119	31.6		26.6	39.8

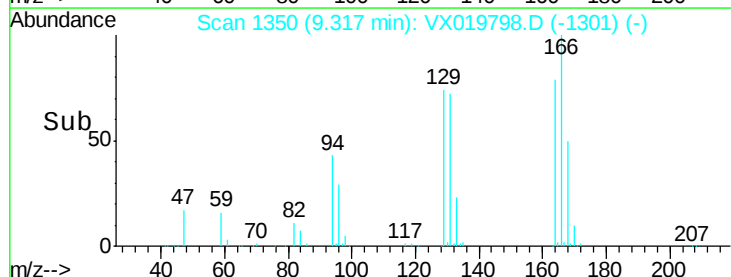
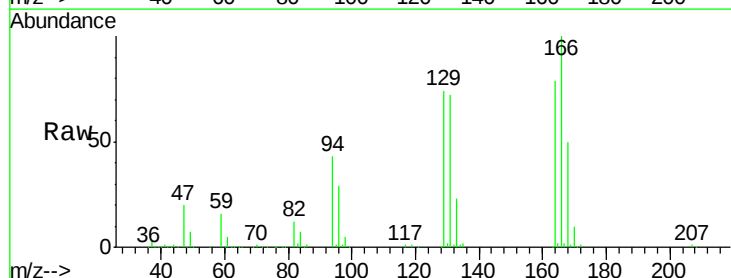
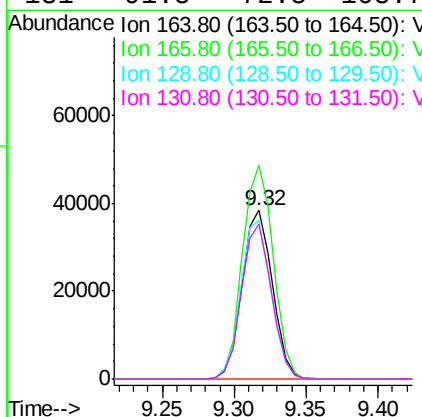
Manual Integrations
APPROVED

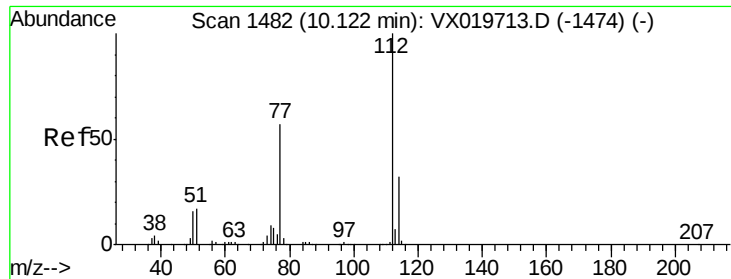
MMDadoda
12/10/2020 9:31:09 AM



#64
Tetrachloroethene
Concen: 19.833 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	55898		
166	126.4		103.4	155.2
129	93.9		70.8	106.2
131	91.5		72.5	108.7





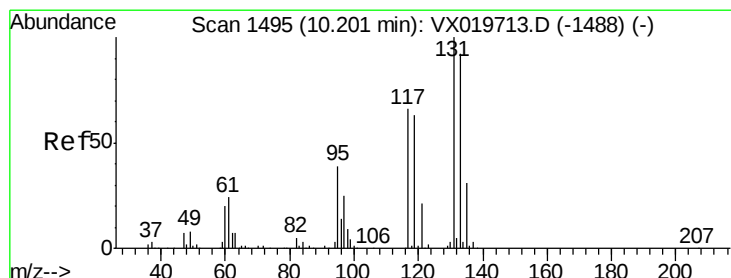
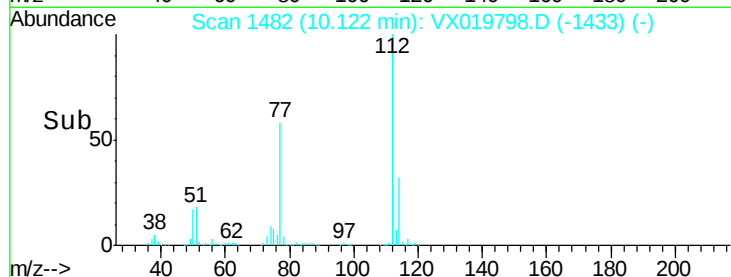
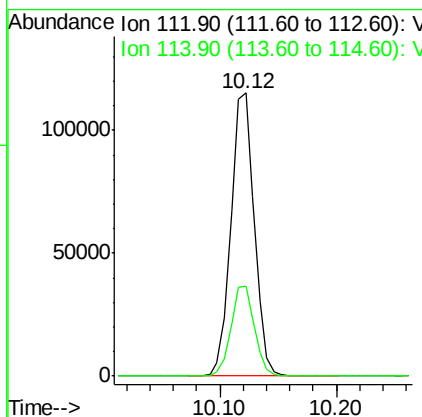
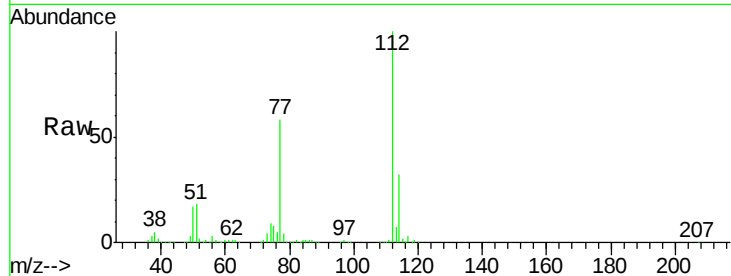
#65
Chlorobenzene
Concen: 19.247 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.8	38.6

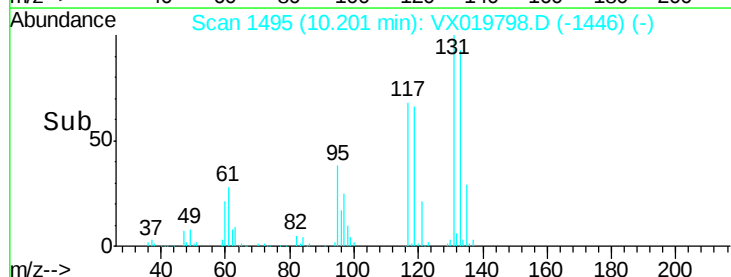
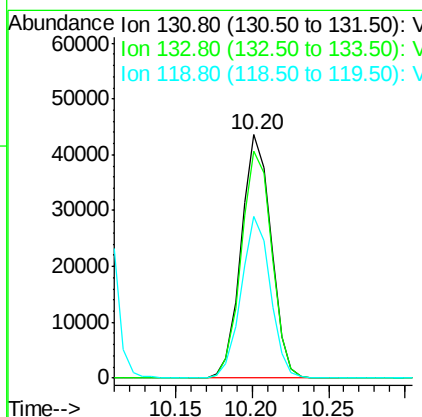
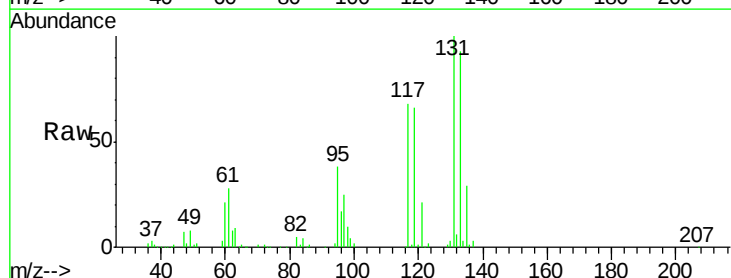
Manual Integrations
APPROVED

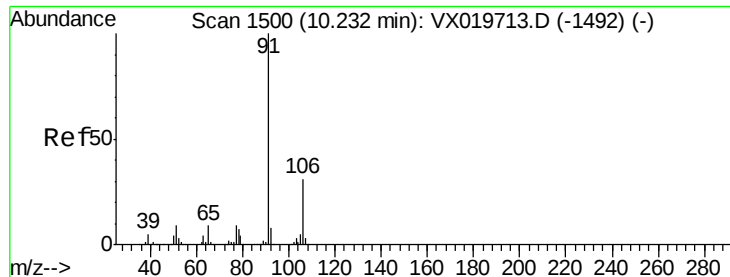
MMDadoda
12/10/2020 9:31:09 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.706 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.7	143.1
119	64.5	32.1	96.5





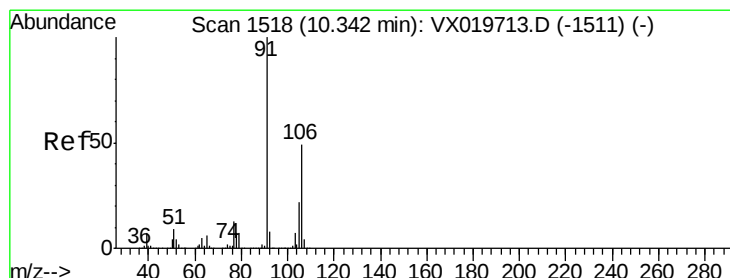
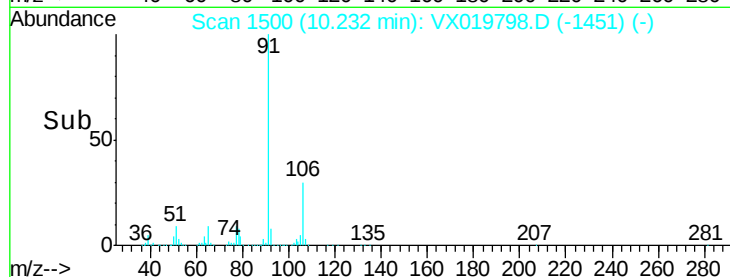
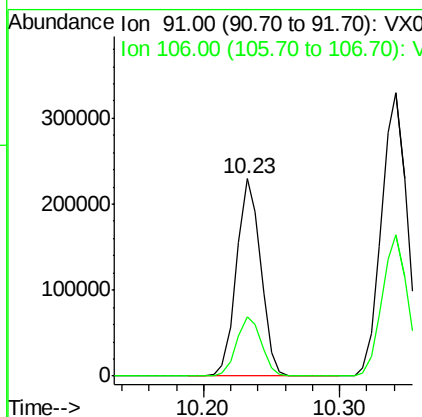
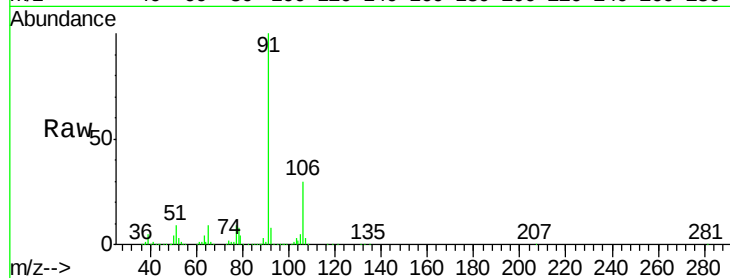
#67
Ethyl Benzene
Concen: 19.205 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion: 91 Resp: 285437
Ion Ratio Lower Upper
91 100
106 30.4 24.6 37.0

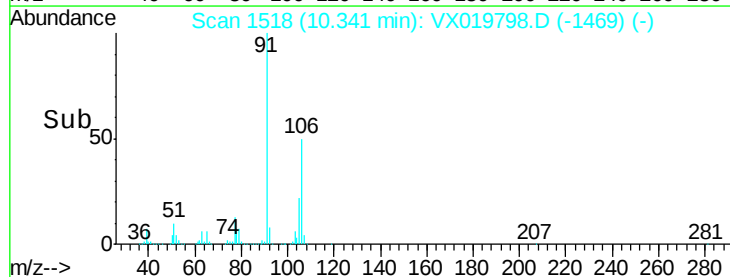
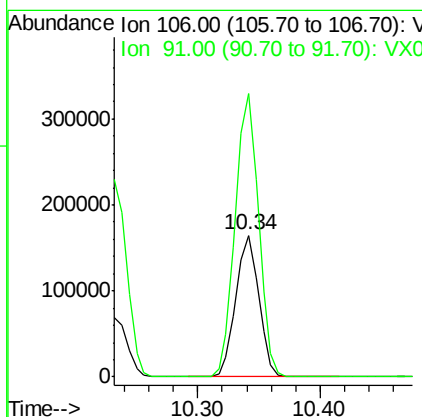
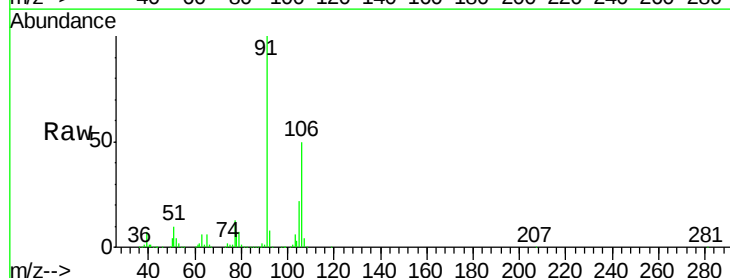
Manual Integrations
APPROVED

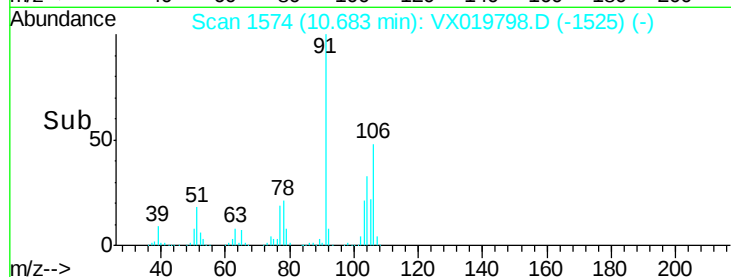
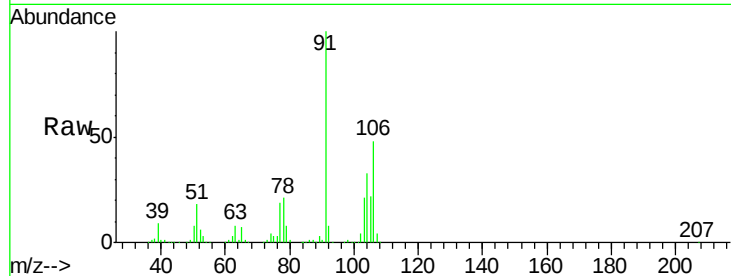
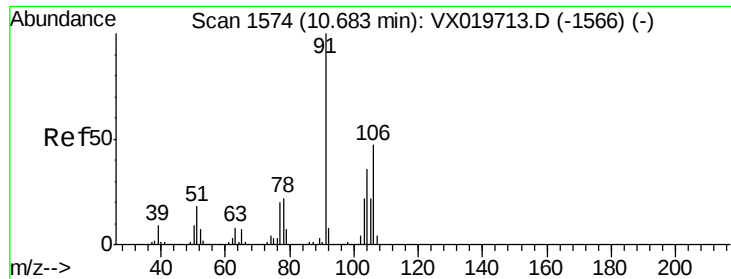
MMDadoda
12/10/2020 9:31:09 AM



#68
m/p-Xylenes
Concen: 38.231 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 106 Resp: 214109
Ion Ratio Lower Upper
106 100
91 203.3 162.8 244.2





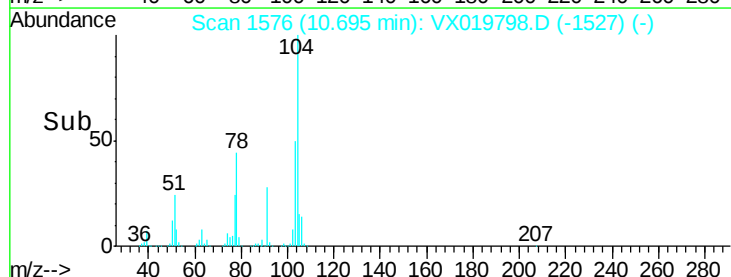
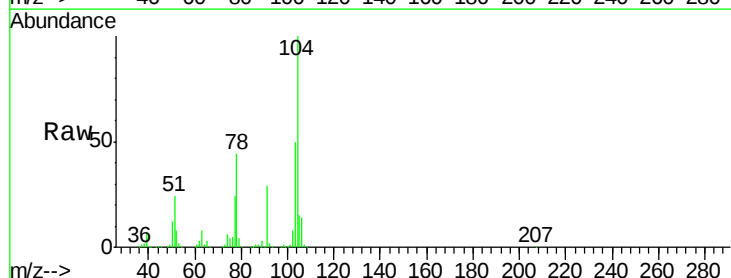
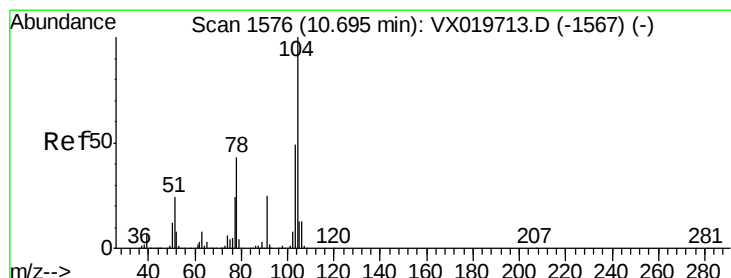
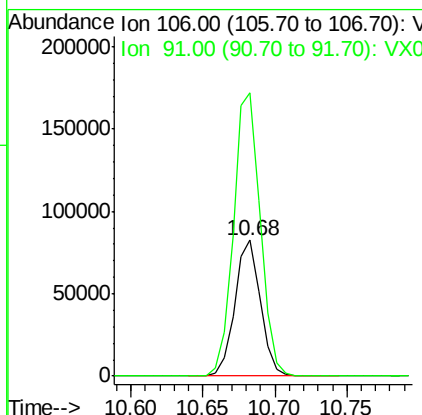
#69
o-Xylene
Concen: 19.050 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tot Ion:106 Resp: 102630
Ion Ratio Lower Upper
106 100
91 217.5 108.1 324.2

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

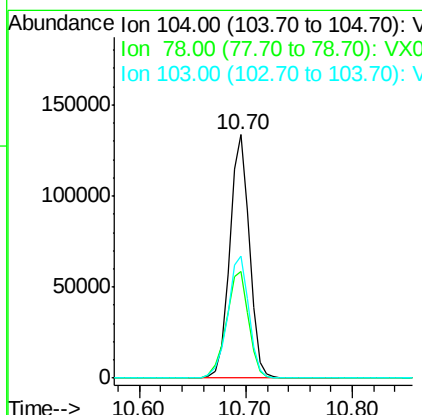
Manual Integrations
APPROVED

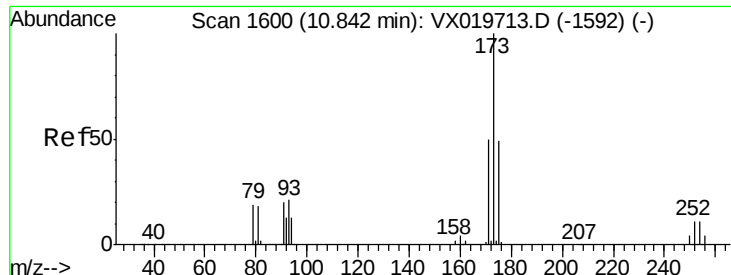
MMDadoda
12/10/2020 9:31:09 AM



#70
Styrene
Concen: 19.032 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion:104 Resp: 173065
Ion Ratio Lower Upper
104 100
78 49.4 40.0 60.0
103 54.2 43.4 65.0





#71

Bromoform

Concen: 18.781 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion:173 Resp: 44525

Ion Ratio Lower Upper

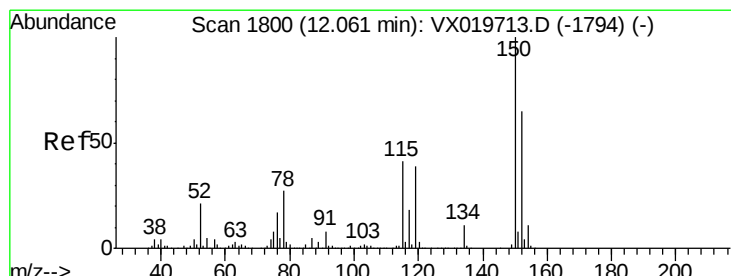
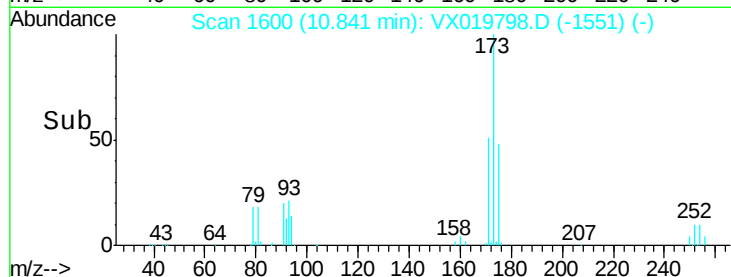
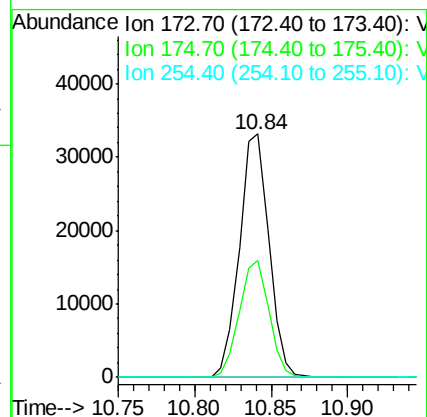
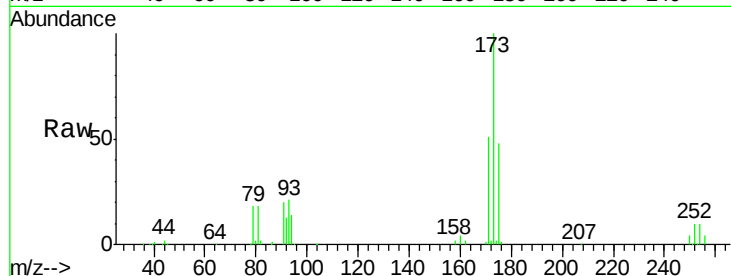
173 100

175 48.3 23.9 71.8

254 0.0 0.1 0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

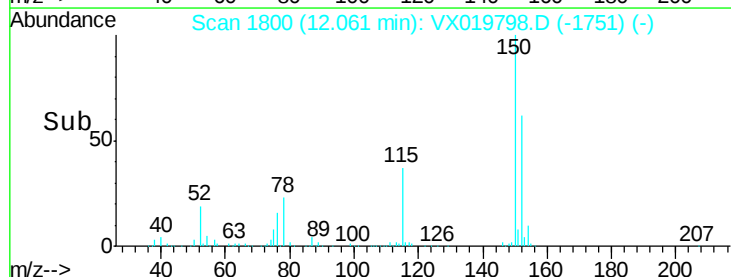
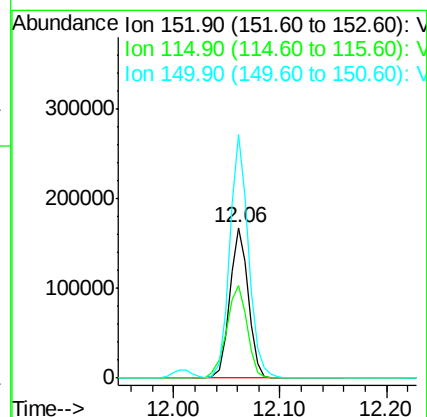
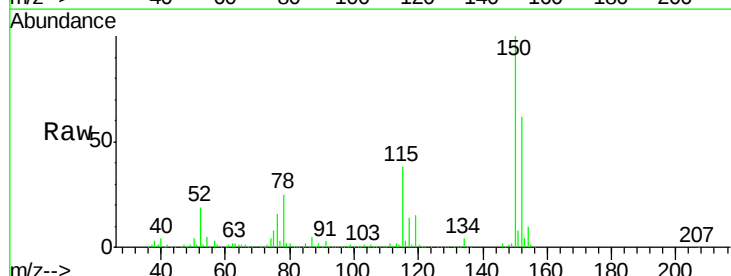
Tgt Ion:152 Resp: 202458

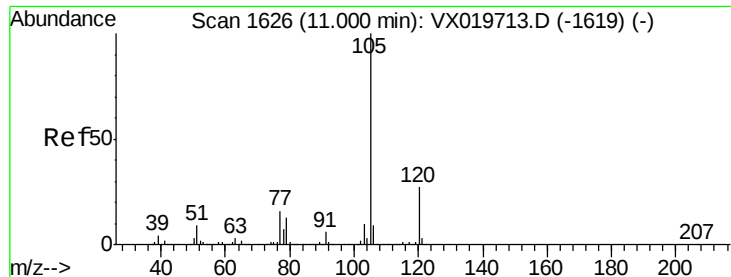
Ion Ratio Lower Upper

152 100

115 68.7 41.1 123.3

150 164.1 0.0 349.0





#73

Isopropylbenzene

Concen: 19.900 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion: 105 Resp: 275256

Ion Ratio Lower Upper

105 100

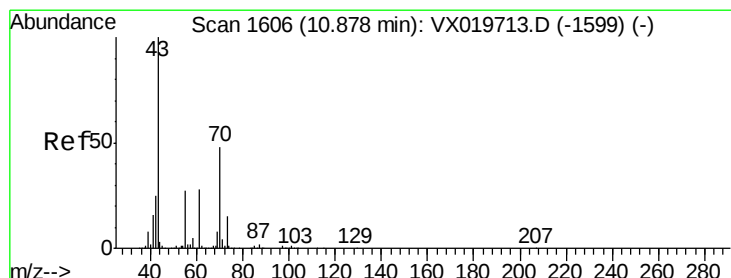
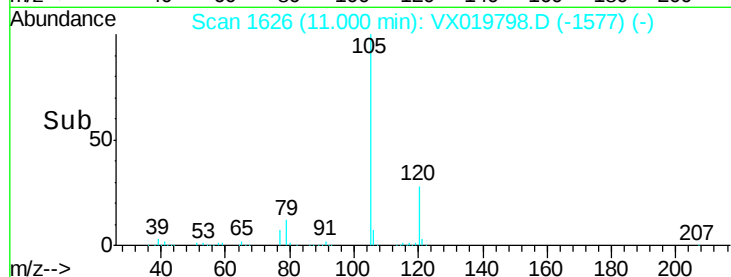
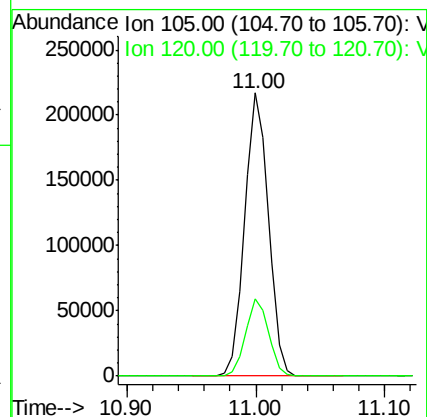
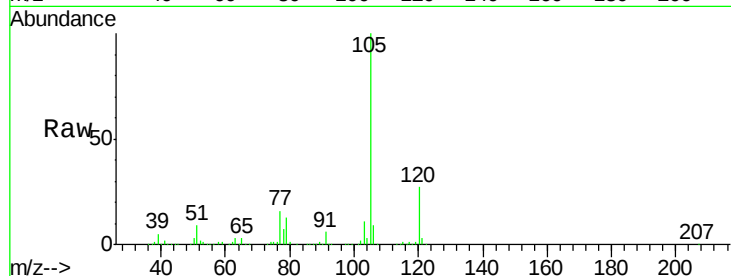
120 26.6 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.918 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Tgt Ion: 43 Resp: 104861

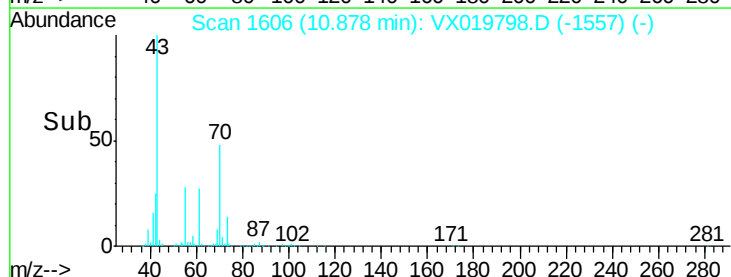
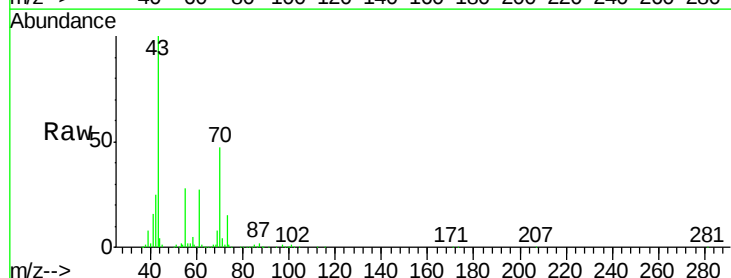
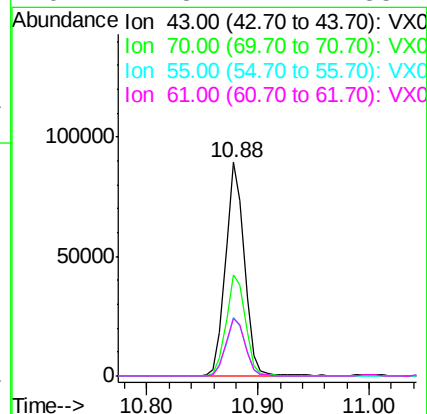
Ion Ratio Lower Upper

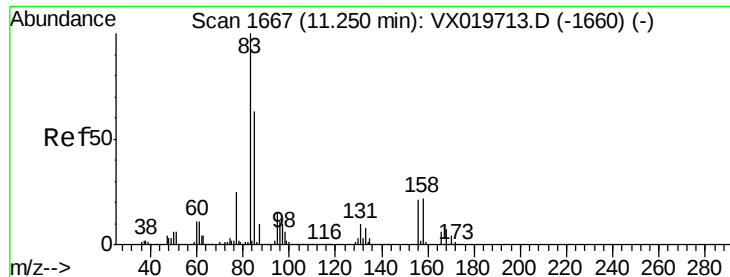
43 100

70 48.7 39.0 58.6

55 28.1 21.5 32.3

61 27.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.332 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

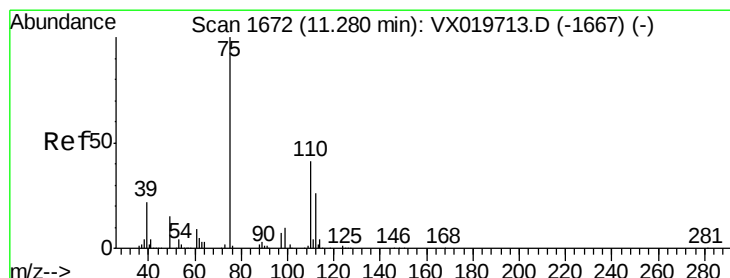
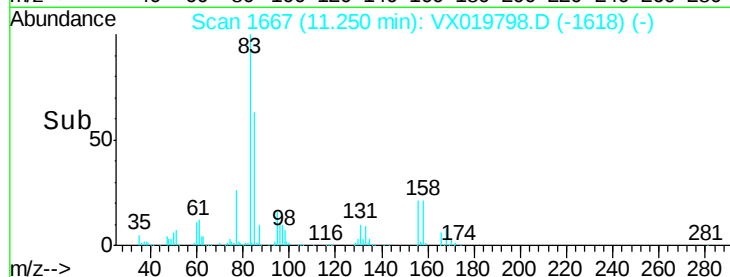
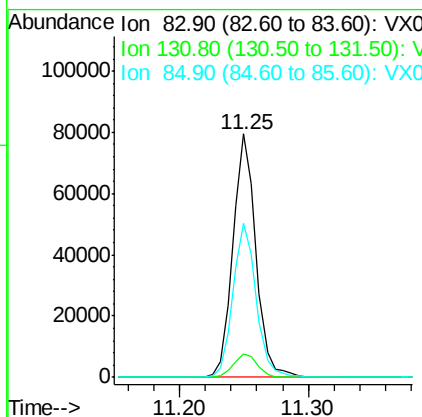
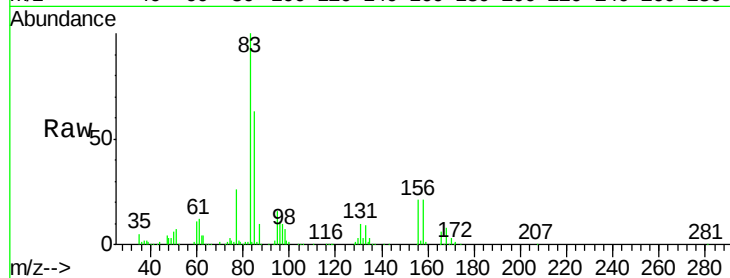
ClientSampleId :

VX1209WBSD02

Tot Ion:	83	Resp:	99152
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.2
85	64.0	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.164 ug/l m

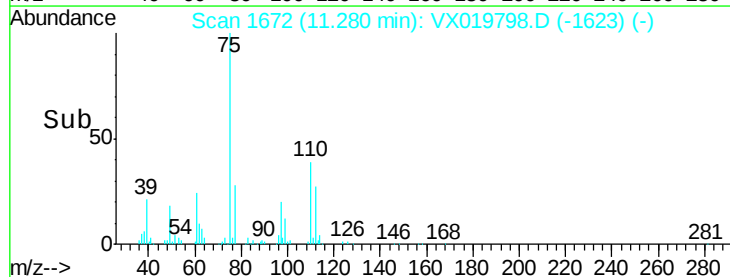
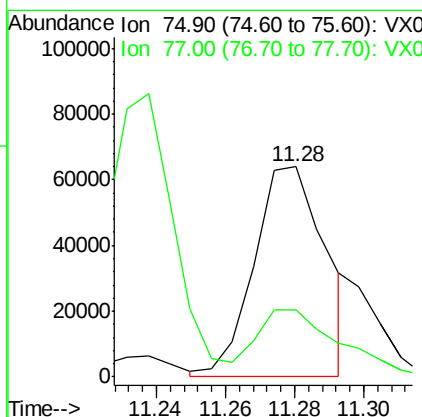
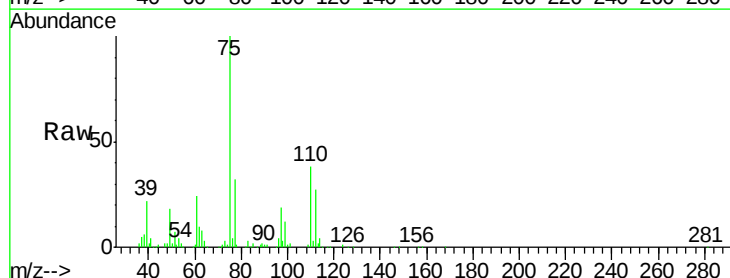
RT: 11.28 min Scan# 1672

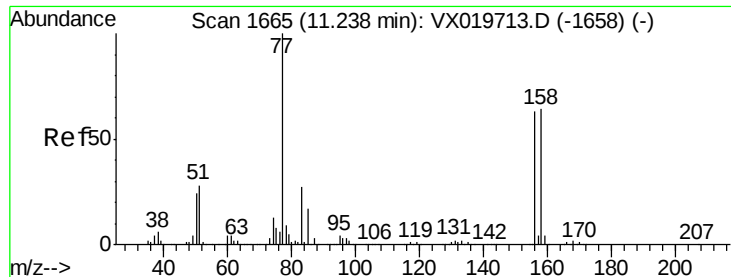
Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Tgt Ion:	75	Resp:	91561
Ion Ratio	Lower	Upper	
75	100		
77	37.1	19.1	57.5





#77

Bromobenzene

Concen: 19.619 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

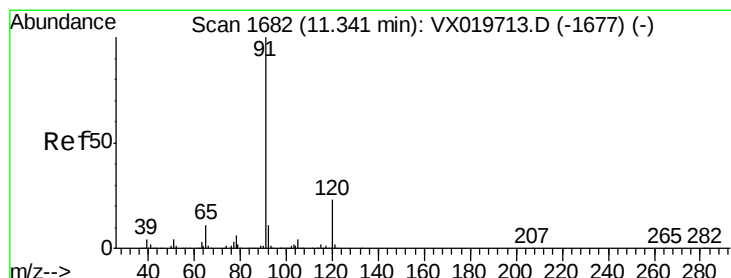
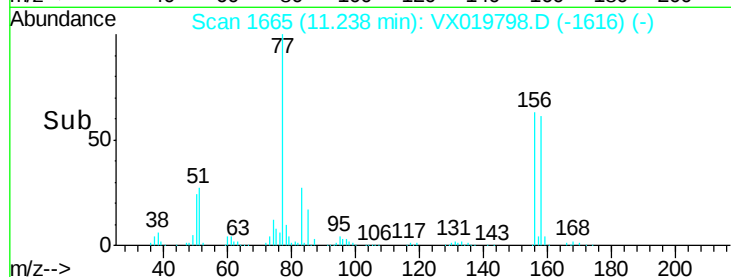
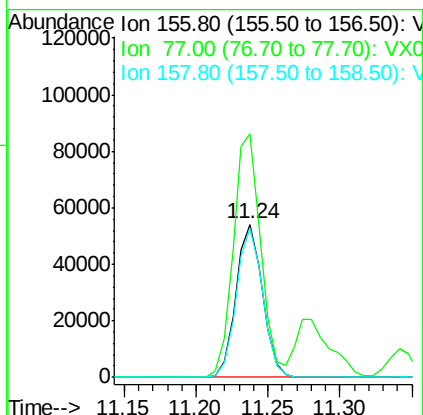
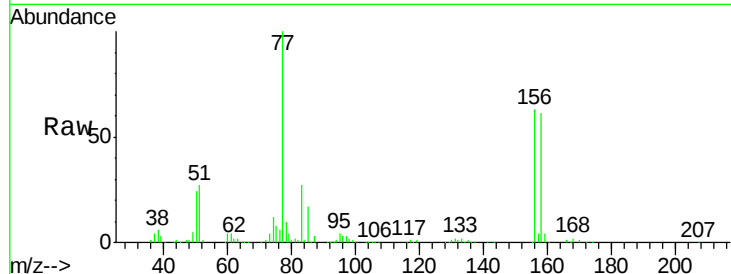
ClientSampleId :

VX1209WBSD02

Tot Ion:	156	Resp:	69447
Ion Ratio	Lower	Upper	
156	100		
77	165.9	82.8	248.6
158	96.6	49.1	147.4

Manual Integrations
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#78

n-propylbenzene

Concen: 19.699 ug/l

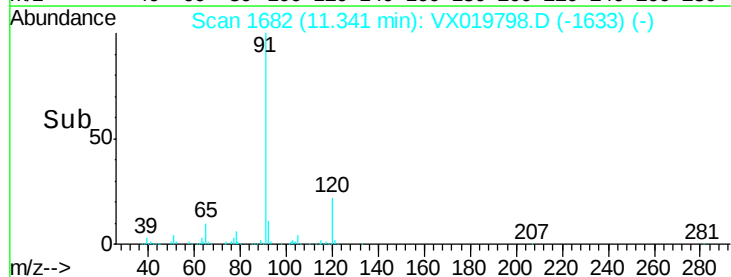
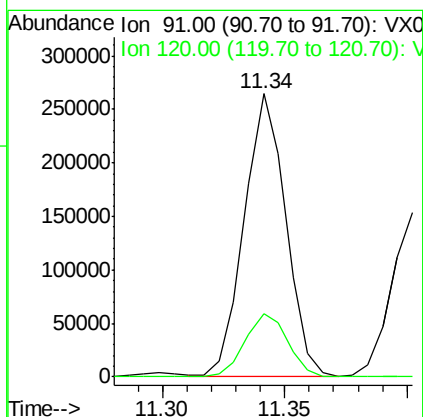
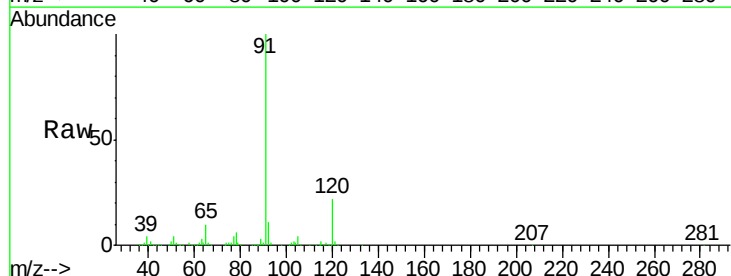
RT: 11.34 min Scan# 1682

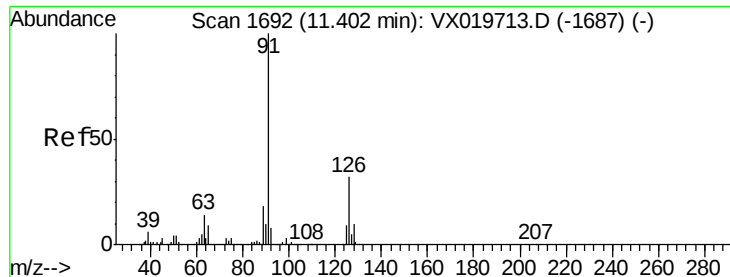
Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Tgt Ion:	91	Resp:	311207
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.5





#79

2-Chlorotoluene

Concen: 19.773 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion: 91 Resp: 192362

Ion Ratio Lower Upper

91 100

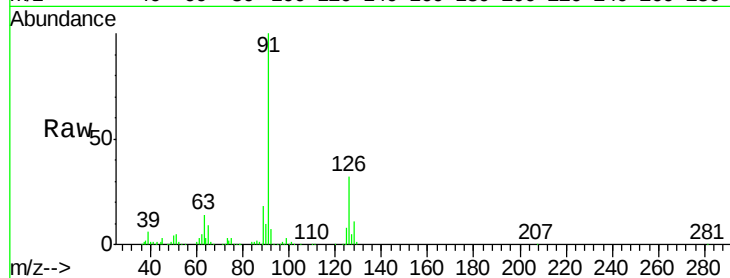
126 33.2 16.6 49.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019713.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019713.D (-1687) (-)

300000

250000

200000

150000

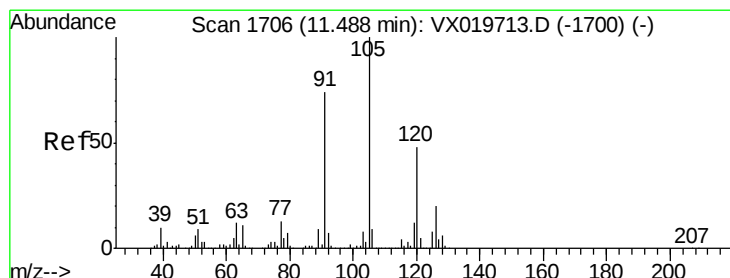
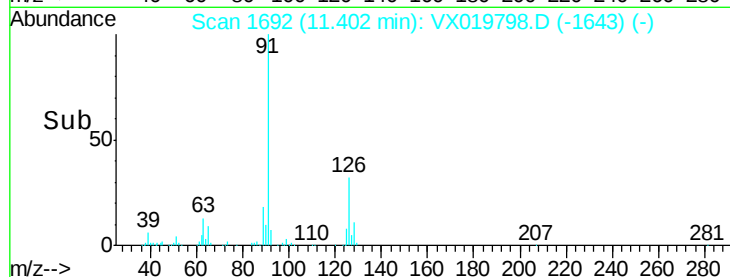
100000

50000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.704 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019798.D

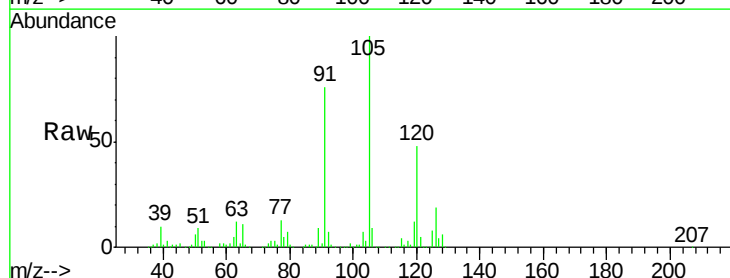
Acq: 10 Dec 2020 00:19

Tgt Ion: 105 Resp: 230022

Ion Ratio Lower Upper

105 100

120 49.1 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VX019713.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019713.D (-1700) (-)

200000

150000

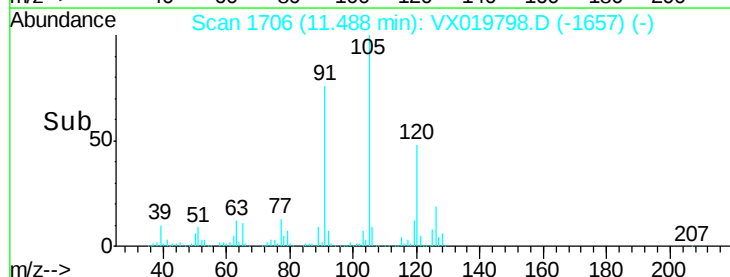
100000

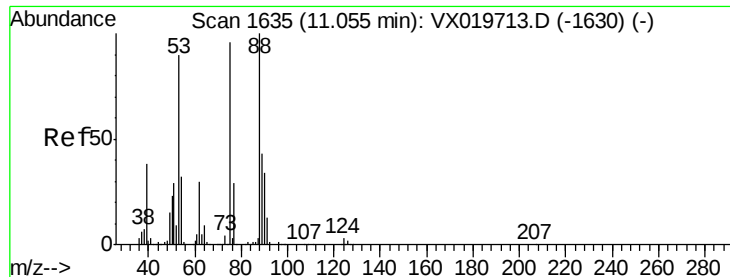
50000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.349 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

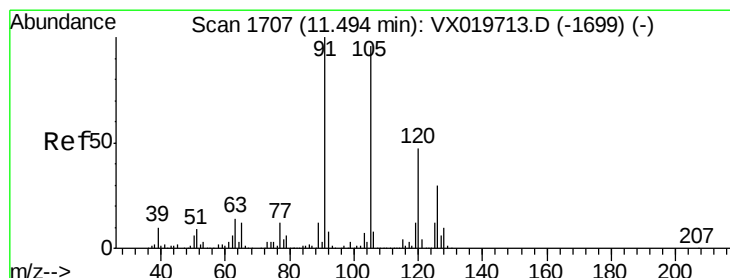
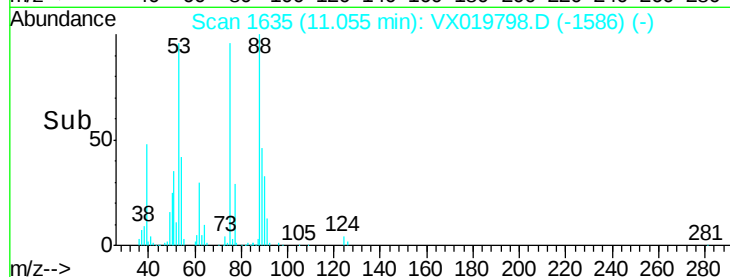
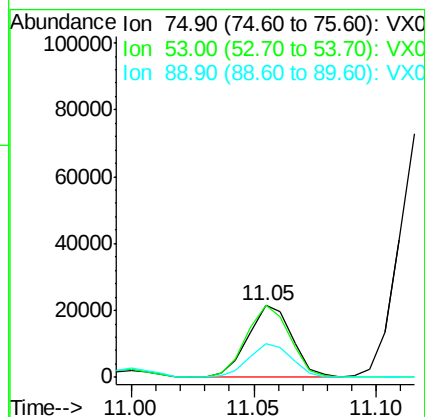
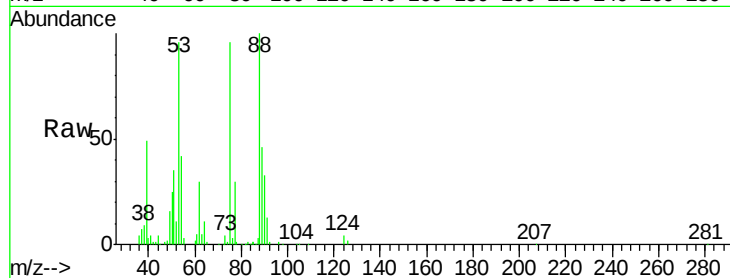
ClientSampleId :

VX1209WBSD02

Tot Ion:	75	Resp:	27251
Ion Ratio	Lower	Upper	
75	100		
53	98.2	74.5	111.7
89	46.4	37.9	56.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.382 ug/l

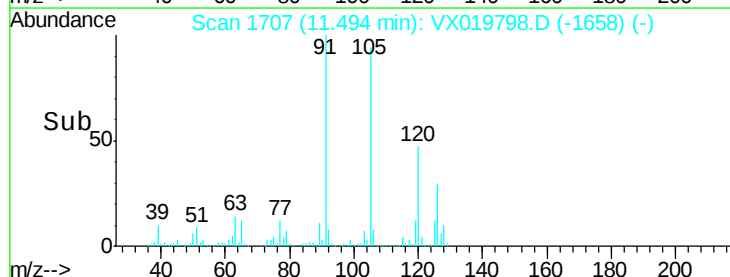
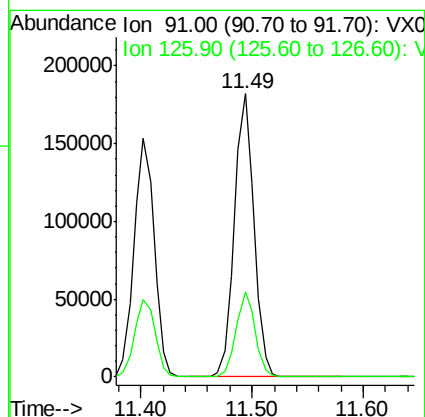
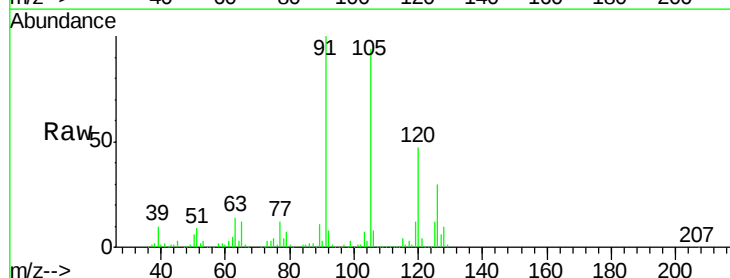
RT: 11.49 min Scan# 1707

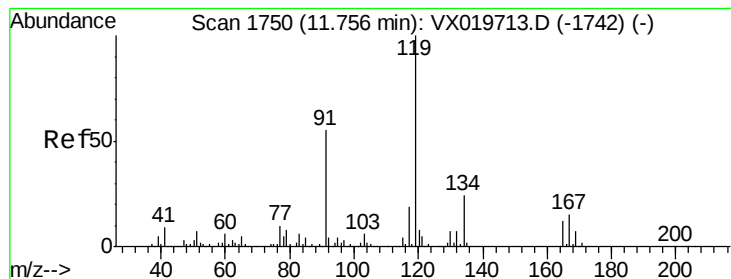
Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Tgt Ion:	91	Resp:	220839
Ion Ratio	Lower	Upper	
91	100		
126	29.1	14.9	44.5





#83

tert-Butylbenzene

Concen: 19.807 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

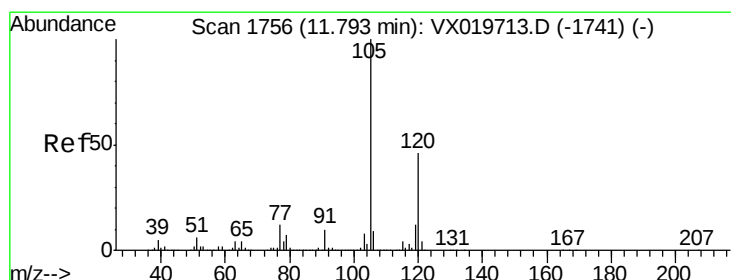
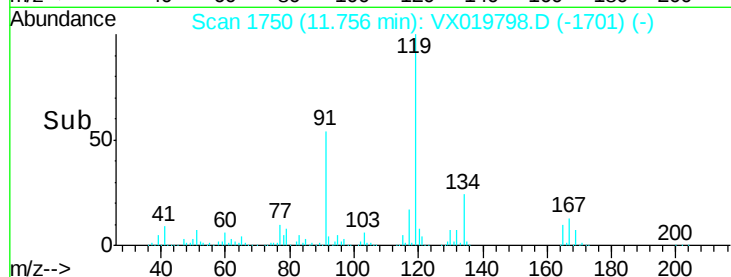
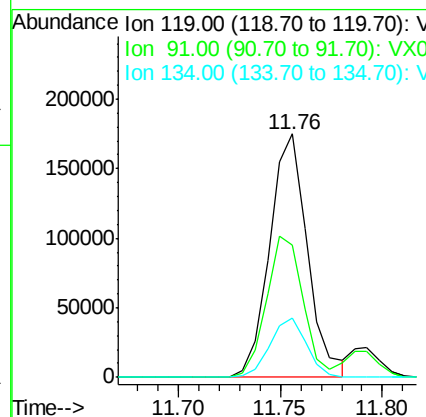
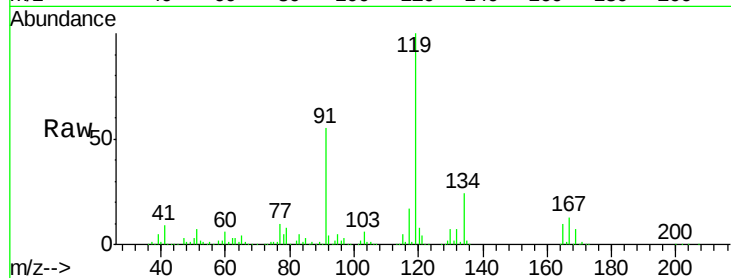
ClientSampleId :

VX1209WBSD02

Tot Ion:	119	Resp:	226765
Ion Ratio	Lower	Upper	
119	100		
91	56.3	27.9	83.7
134	23.4	11.3	33.9

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.905 ug/l

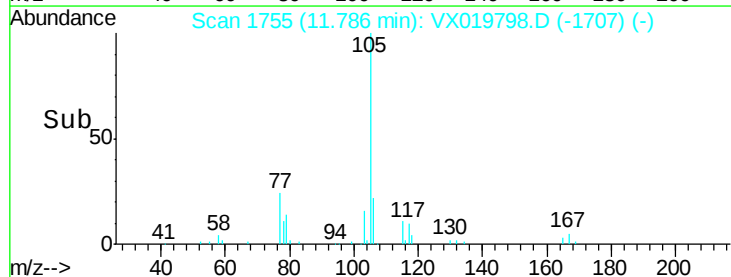
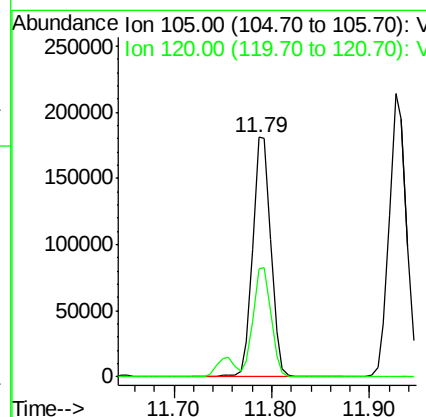
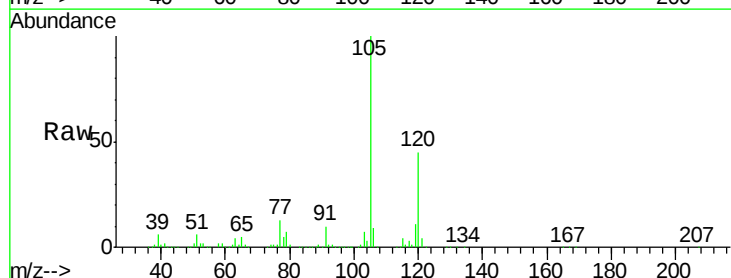
RT: 11.79 min Scan# 1755

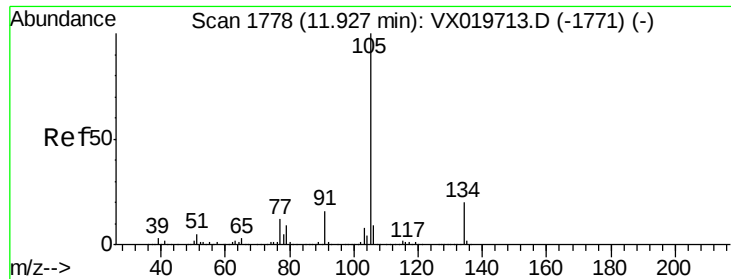
Delta R.T. -0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Tgt Ion:	105	Resp:	234066
Ion Ratio	Lower	Upper	
105	100		
120	45.0	22.4	67.3





#85

sec-Butylbenzene

Concen: 19.943 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

Tot Ion:105 Resp: 260691

Ion Ratio Lower Upper

105 100

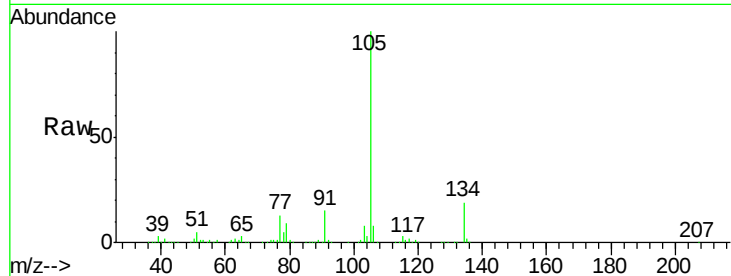
134 19.6 10.0 29.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

200000

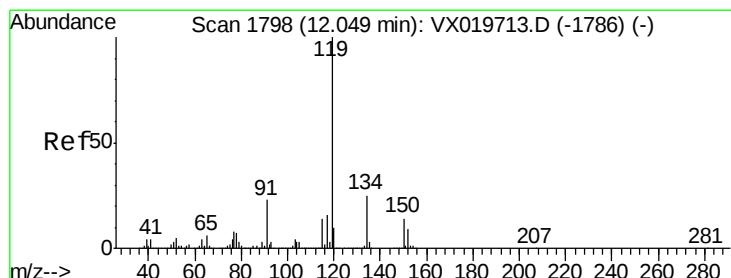
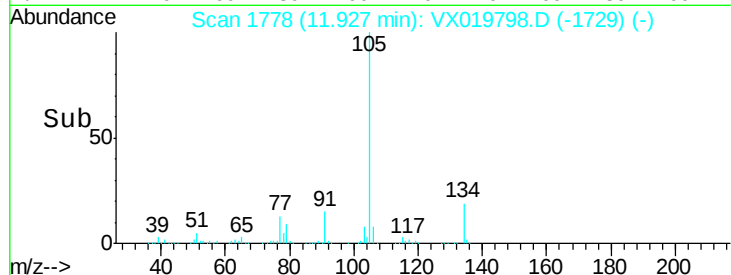
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.441 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

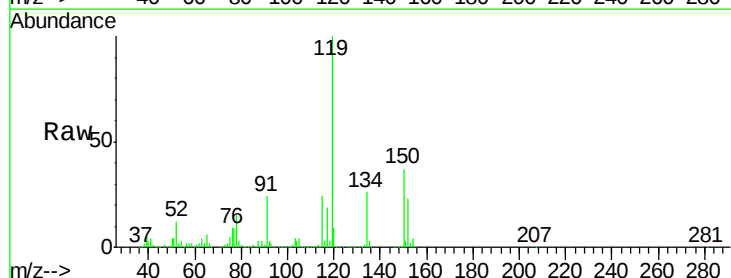
Tgt Ion:119 Resp: 232901

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

91 23.9 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

250000

200000

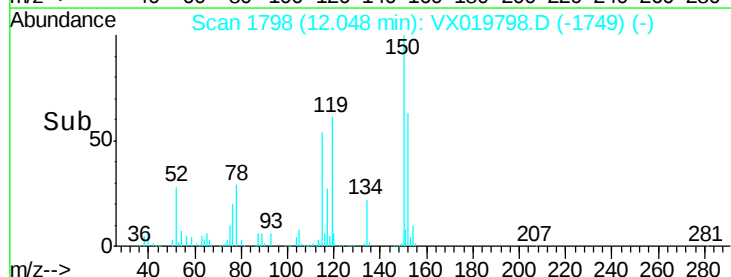
150000

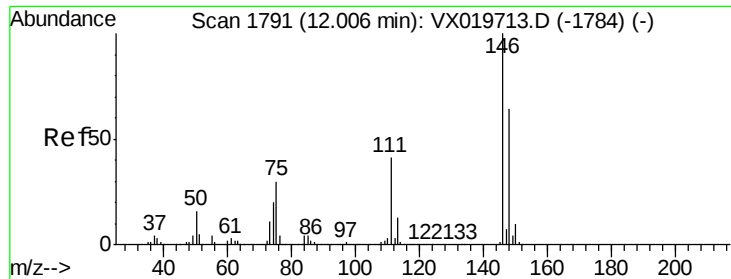
100000

50000

0

Time-->





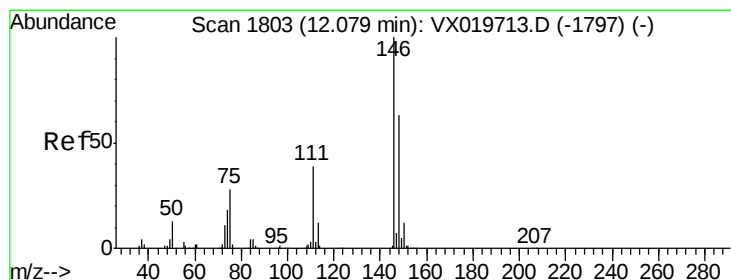
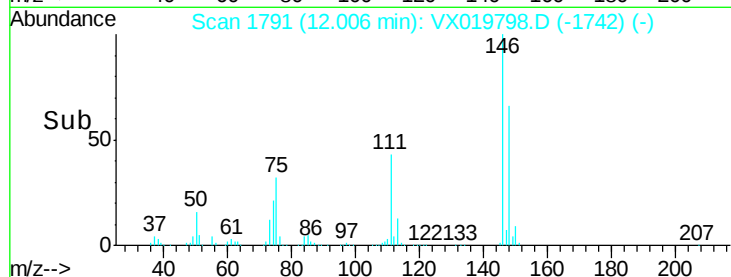
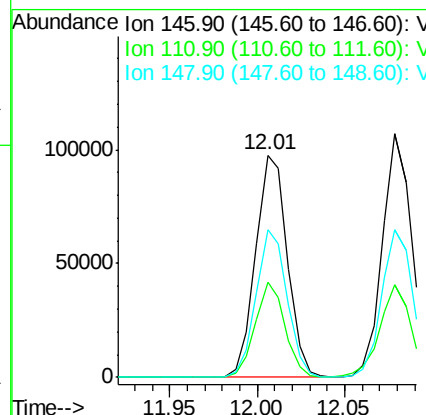
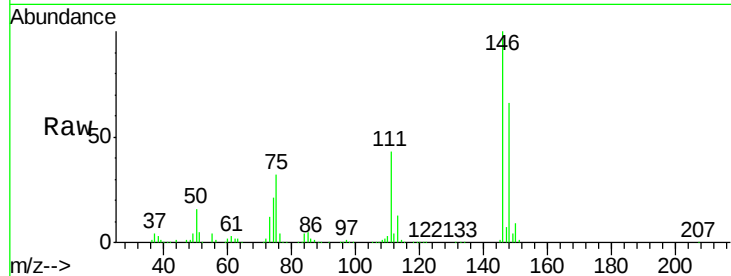
#87
 1,3-Dichlorobenzene
 Concen: 18.954 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.5
148	64.7	31.9	95.7

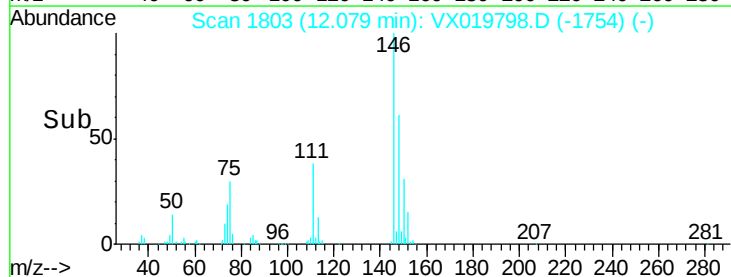
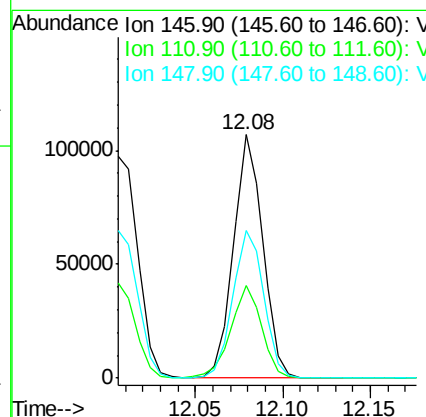
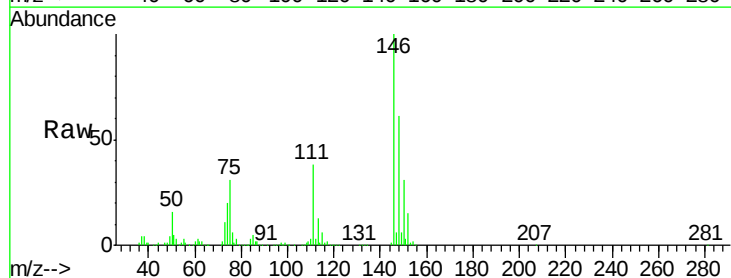
Manual Integrations
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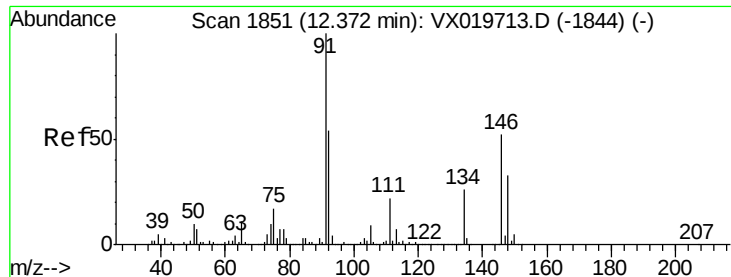
MMDadoda
 12/10/2020 9:31:09 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.864 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.6	58.8
148	64.3	31.6	95.0





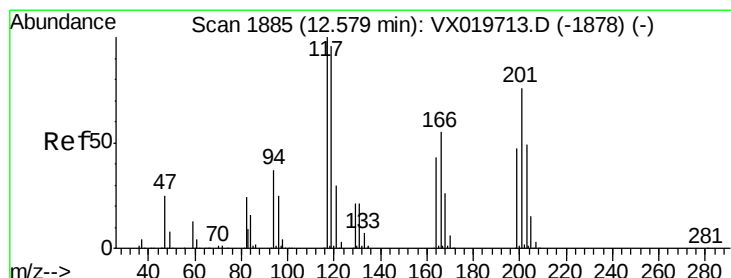
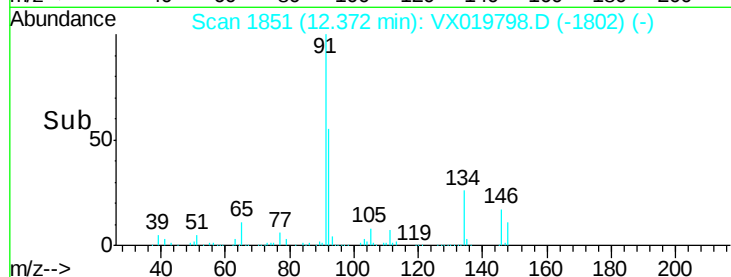
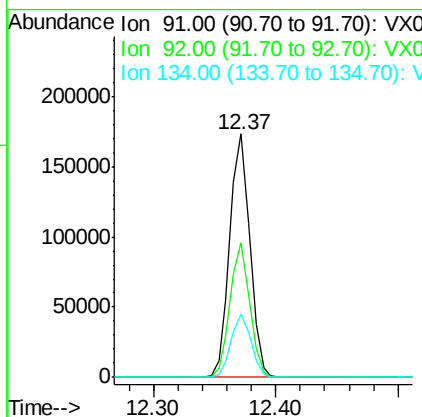
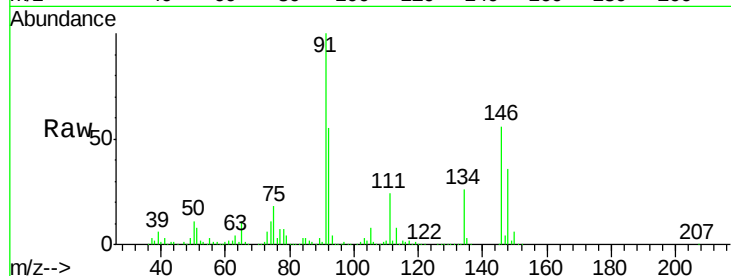
#89
n-Butylbenzene
Concen: 18.575 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	197151		
92	54.1	27.4	82.0	
134	25.6	13.2	39.5	

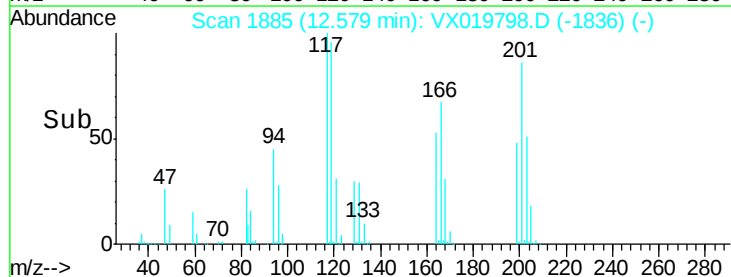
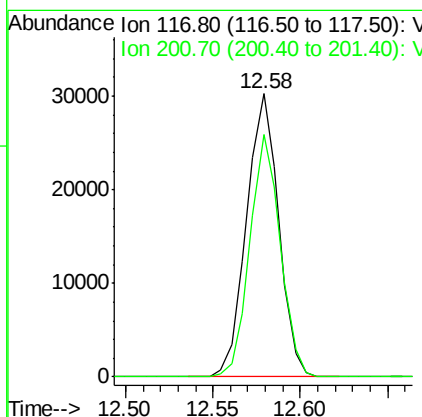
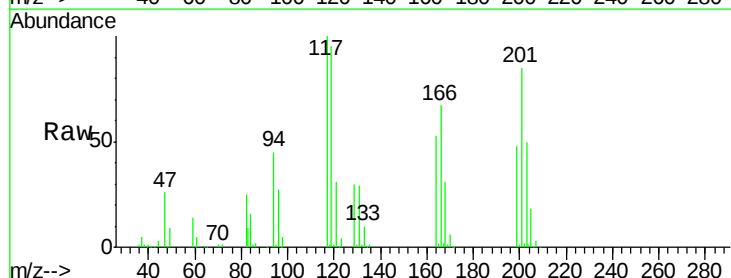
Manual Integrations
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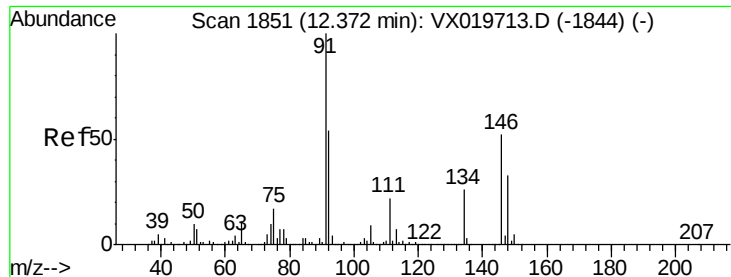
MMDadoda
12/10/2020 9:31:09 AM



#90
Hexachloroethane
Concen: 18.708 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38692		
201	80.8	40.4	121.2	





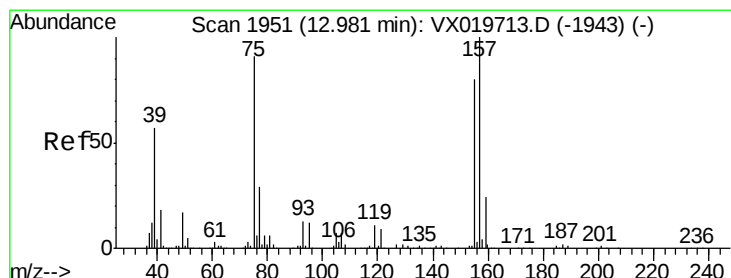
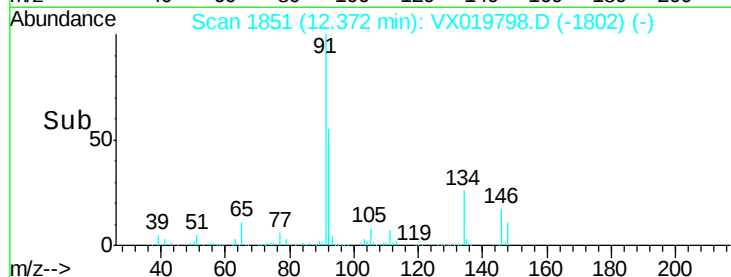
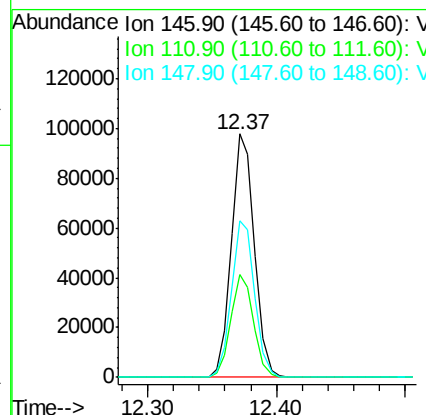
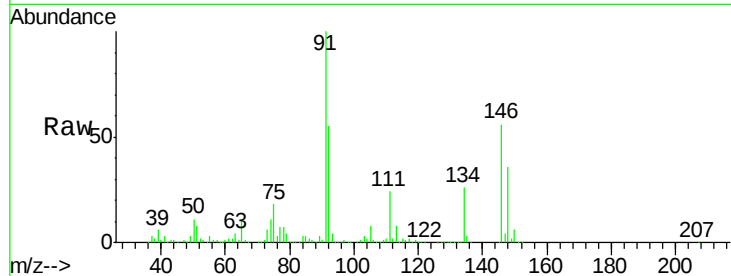
#91
 1,2-Dichlorobenzene
 Concen: 19.423 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.8	62.2
148	65.0	31.9	95.5

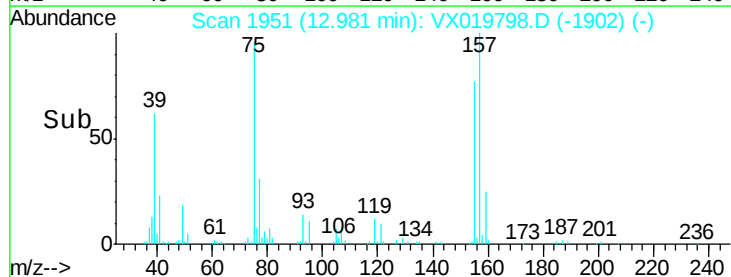
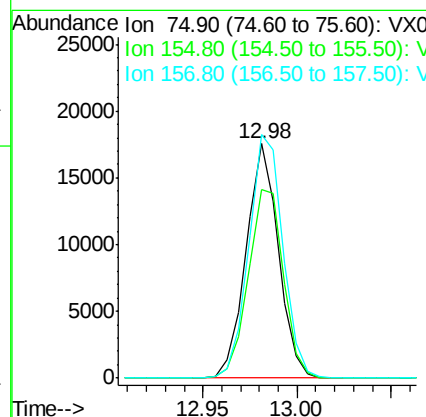
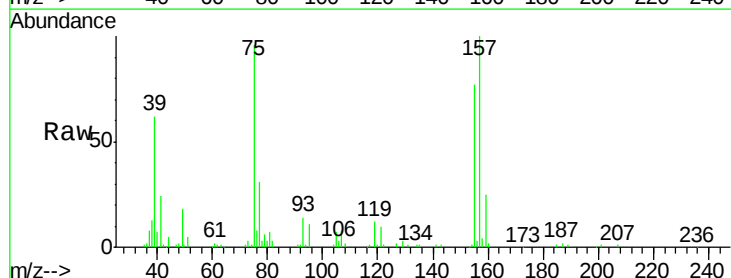
Manual Integrations
 APPROVED

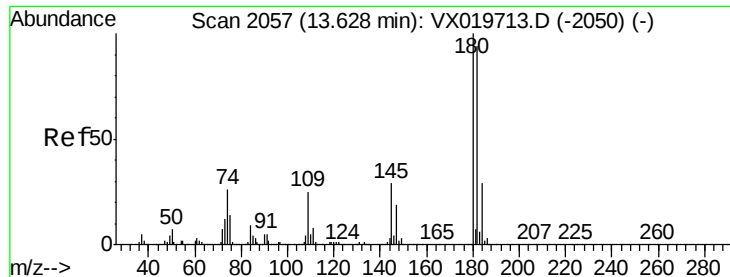
MMDadoda
 12/10/2020 9:31:09 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.864 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.3	45.3	135.9
157	109.3	57.7	173.1





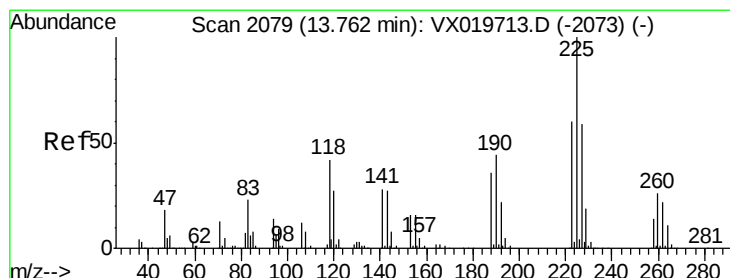
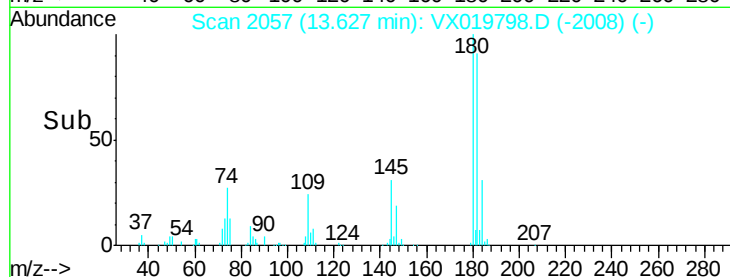
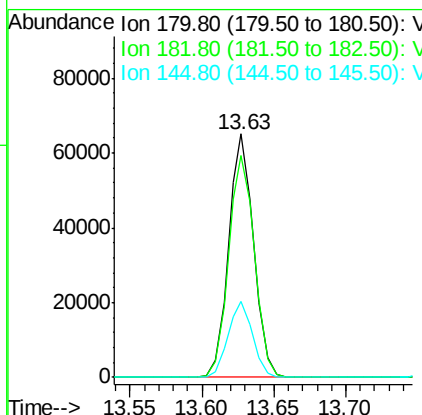
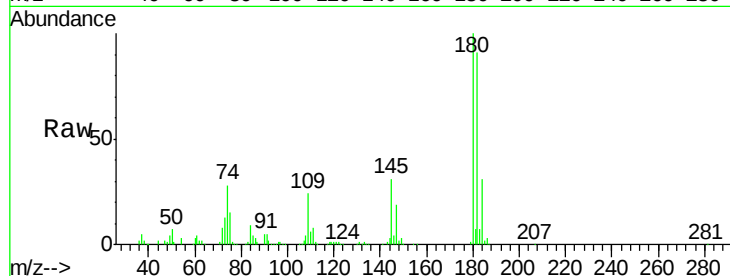
#93
1,2,4-Trichlorobenzene
Concen: 19.228 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.7	143.1
145	30.8	15.0	45.0

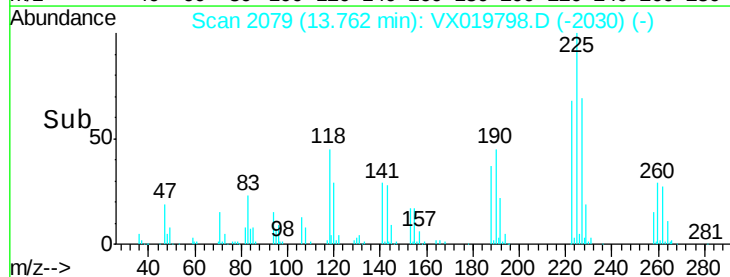
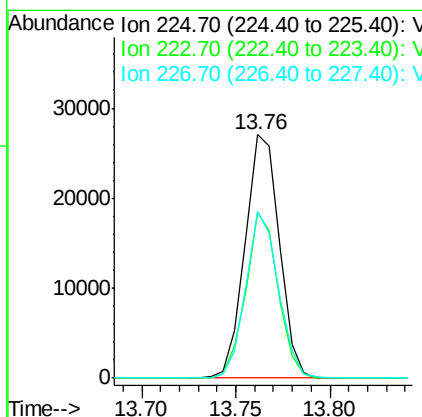
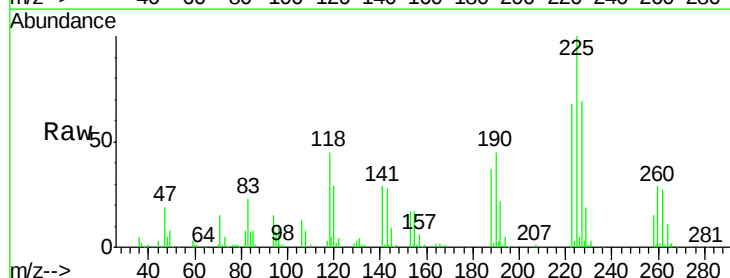
Manual Integrations
APPROVED

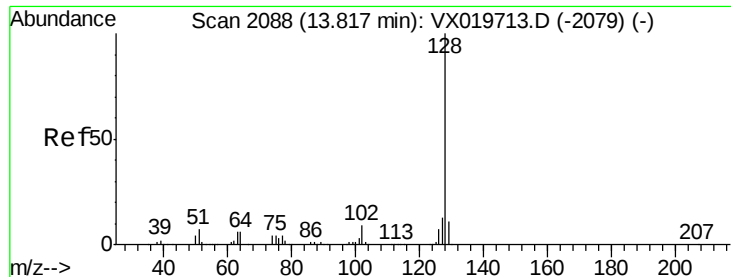
MMDadoda
12/10/2020 9:31:09 AM



#94
Hexachlorobutadiene
Concen: 18.563 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.1	93.2
227	64.8	31.6	95.0





#95

Naphthalene

Concen: 20.223 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

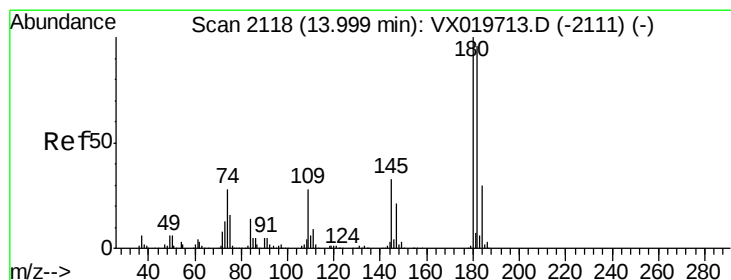
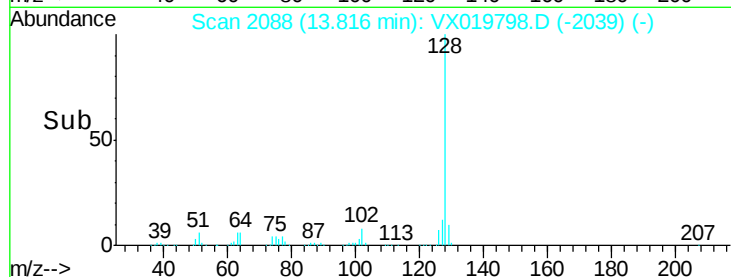
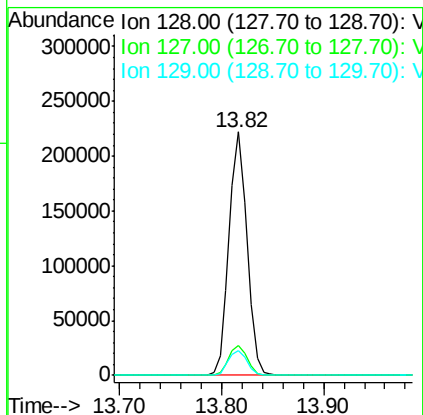
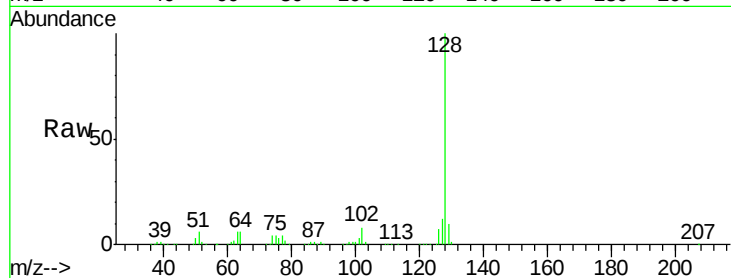
ClientSampleId :

VX1209WBSD02

Tot Ion:	128	Resp:	270286
Ion Ratio		Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.6	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/10/2020 9:31:09 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.843 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Tgt Ion:	180	Resp:	79946
Ion Ratio		Lower	Upper
180	100		
182	92.9	47.6	142.9
145	32.4	16.1	48.3

