

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\
 Data File : VX019008.D
 Acq On : 21 Oct 2020 18:45
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 1:21:54 PM

Quant Time: Oct 22 01:45:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 01:25:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	241277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	403243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	377862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193716	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	54768	16.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	33.06%	
35) Dibromofluoromethane	5.46	113	47441	17.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	34.50%	
50) Toluene-d8	8.70	98	179248	17.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	35.64%	
62) 4-Bromofluorobenzene	11.12	95	64624	16.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	32.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	48299	21.041	ug/l	100
3) Chloromethane	1.31	50	46171	17.477	ug/l	99
4) Vinyl Chloride	1.39	62	54850	19.306	ug/l	99
5) Bromomethane	1.64	94	62730	32.893	ug/l	97
6) Chloroethane	1.71	64	37322	22.348	ug/l	96
7) Trichlorofluoromethane	1.92	101	91422	20.818	ug/l	99
8) Diethyl Ether	2.17	74	34498	21.895	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42333	18.427	ug/l	100
10) Methyl Iodide	2.49	142	48152	18.966	ug/l	97
11) Tert butyl alcohol	3.03	59	57000	96.824	ug/l	99
12) 1,1-Dichloroethene	2.35	96	44010	18.895	ug/l	99
13) Acrolein	2.28	56	19330	56.291	ug/l	100
14) Allyl chloride	2.71	41	58312	13.626	ug/l	97
15) Acrylonitrile	3.12	53	108081	79.392	ug/l	99
16) Acetone	2.43	43	94192	75.269	ug/l	96
17) Carbon Disulfide	2.55	76	123146	17.835	ug/l	99
18) Methyl Acetate	2.75	43	47619	15.347	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	140324	17.446	ug/l	98
20) Methylene Chloride	2.84	84	51249	17.884	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	51300	18.858	ug/l	99
22) Diisopropyl ether	3.82	45	113768	14.081	ug/l	98
23) Vinyl Acetate	3.78	43	544340	75.631	ug/l	100
24) 1,1-Dichloroethane	3.67	63	83614	17.304	ug/l	98
25) 2-Butanone	4.64	43	151809	77.803	ug/l	99
26) 2,2-Dichloropropane	4.55	77	76126	17.017	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	58330	19.088	ug/l	99
28) Bromochloromethane	4.98	49	34928	15.751	ug/l	98
29) Tetrahydrofuran	5.09	42	87101	71.788	ug/l	98
30) Chloroform	5.18	83	90222	18.210	ug/l	93
31) Cyclohexane	5.55	56	63949	16.085	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	81692	17.681	ug/l	100
36) 1,1-Dichloropropene	5.77	75	67426	17.490	ug/l	99
37) Ethyl Acetate	4.79	43	59477	14.905	ug/l	99
38) Carbon Tetrachloride	5.76	117	69592	16.451	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	75190	17.360	ug/l	94
40) Benzene	6.12	78	200376	17.978	ug/l	99
41) Methacrylonitrile	5.01	41	30748	13.910	ug/l	99
42) 1,2-Dichloroethane	6.16	62	69177	16.254	ug/l	99
43) Isopropyl Acetate	6.42	43	99239	14.925	ug/l	100
44) Trichloroethene	7.19	130	57170	17.726	ug/l	99
45) 1,2-Dichloropropane	7.49	63	48770	16.220	ug/l	99
46) Dibromomethane	7.63	93	35984	17.251	ug/l	99
47) Bromodichloromethane	7.88	83	71359	16.994	ug/l	99
48) Methyl methacrylate	7.74	41	47054	14.641	ug/l	99
49) 1,4-Dioxane	7.73	88	22552	399.572	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	302372	76.538	ug/l	99
52) Toluene	8.76	92	134506	19.005	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	80541	16.897	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	85552	17.402	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	54446	18.647	ug/l	99
56) Ethyl methacrylate	9.16	69	77215	17.967	ug/l	98
57) 1,3-Dichloropropane	9.35	76	87242	17.892	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	204823	90.061	ug/l	98
59) 2-Hexanone	9.47	43	232690	77.788	ug/l	99
60) Dibromochloromethane	9.57	129	58084	16.835	ug/l	99
61) 1,2-Dibromoethane	9.65	107	57402	18.477	ug/l	99
64) Tetrachloroethene	9.32	164	52875	17.944	ug/l	91
65) Chlorobenzene	10.12	112	145902	18.688	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	51735	16.741	ug/l	98
67) Ethyl Benzene	10.24	91	255289	18.989	ug/l	99
68) m/p-Xylenes	10.34	106	194845	38.027	ug/l	98
69) o-Xylene	10.68	106	92980	19.180	ug/l	99
70) Styrene	10.69	104	159188	19.149	ug/l	99
71) Bromoform	10.84	173	41816	16.278	ug/l #	100
73) Isopropylbenzene	11.00	105	254744	19.425	ug/l	99
74) N-amyl acetate	10.88	43	82730	14.789	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	80086	18.671	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	73066m	18.063	ug/l	
77) Bromobenzene	11.24	156	64134	17.932	ug/l	98
78) n-propylbenzene	11.34	91	284641	18.681	ug/l	99
79) 2-Chlorotoluene	11.40	91	167218	18.222	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	209558	18.818	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	26963	17.063	ug/l	99
82) 4-Chlorotoluene	11.49	91	198006	18.157	ug/l	100
83) tert-Butylbenzene	11.76	119	206298	19.009	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	211719	18.920	ug/l	100
85) sec-Butylbenzene	11.93	105	249909	19.443	ug/l	99
86) p-Isopropyltoluene	12.05	119	227189	19.315	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	116280	18.122	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	119142	18.289	ug/l	99
89) n-Butylbenzene	12.37	91	207276	19.072	ug/l	99
90) Hexachloroethane	12.58	117	35166	15.399	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	108265	17.949	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17308	16.979	ug/l	99

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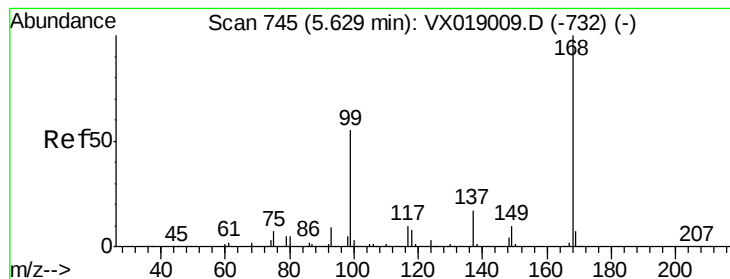
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	71801	17.005	ug/l	93
94) Hexachlorobutadiene	13.76	225	34029	18.990	ug/l	97
95) Naphthalene	13.82	128	247369	19.369	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	74208	18.394	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 241277

Ion Ratio Lower Upper

168 100

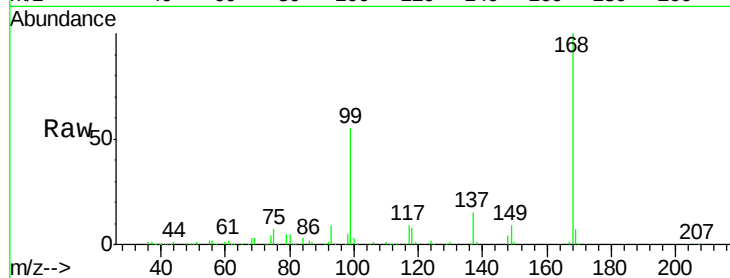
99 55.2 44.2 66.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

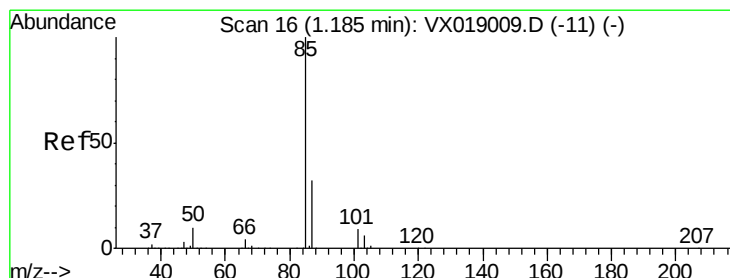
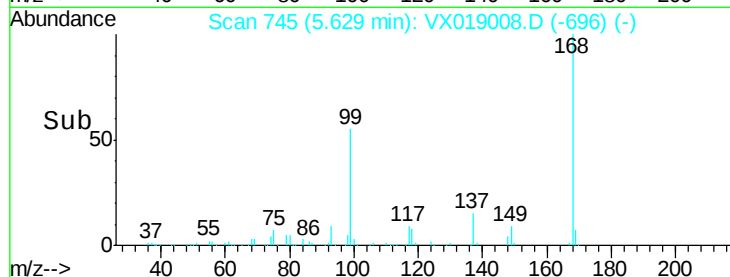
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.041 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019008.D

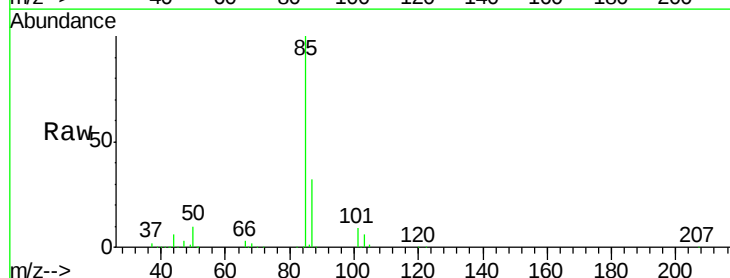
Acq: 21 Oct 2020 18:45

Tgt Ion: 85 Resp: 48299

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

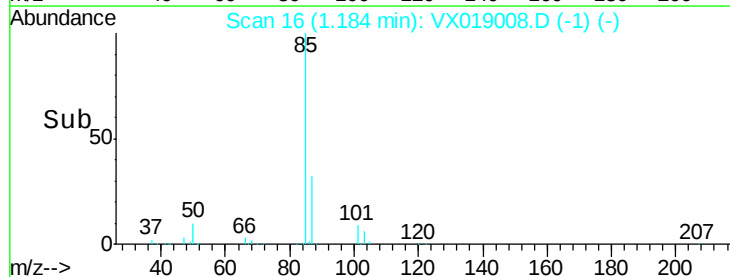
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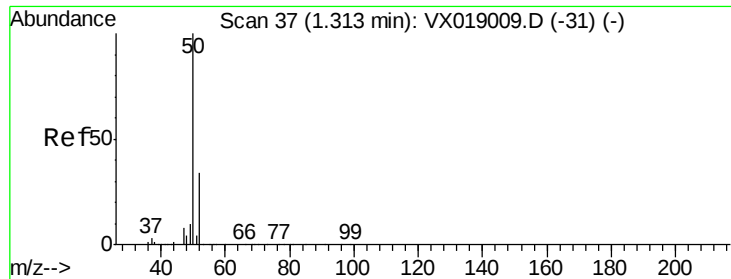
20000

10000

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Time-->





#3

Chloromethane

Concen: 17.477 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 46171

Ion Ratio Lower Upper

50 100

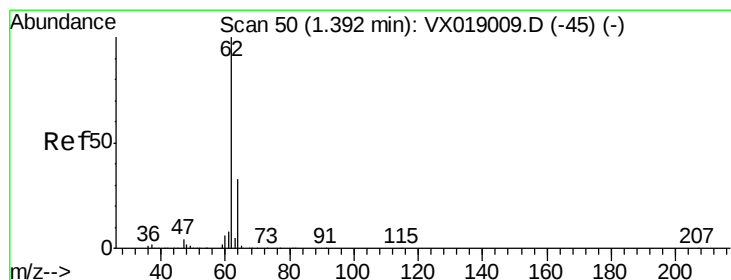
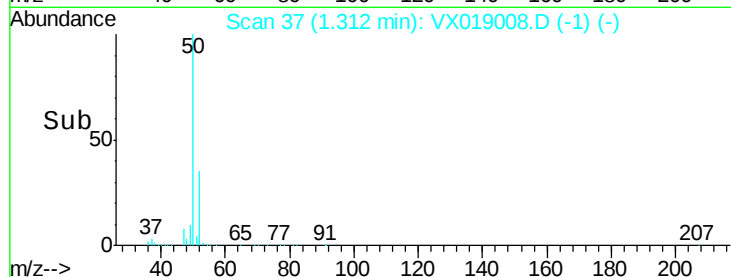
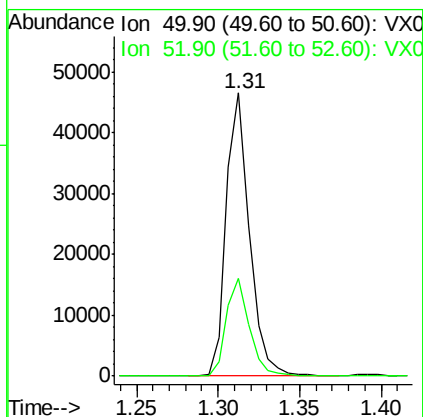
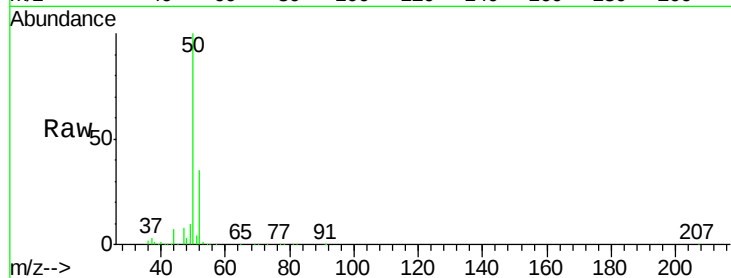
52 34.5 27.0 40.6

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#4

Vinyl Chloride

Concen: 19.306 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019008.D

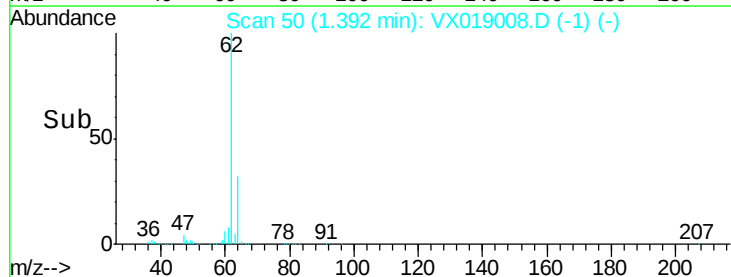
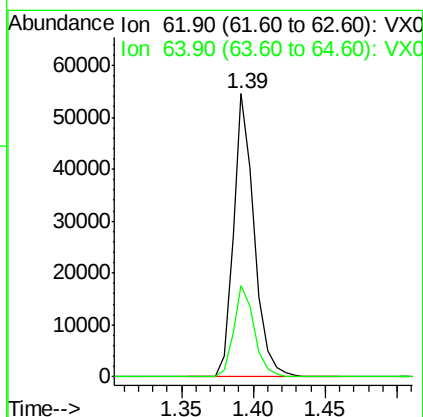
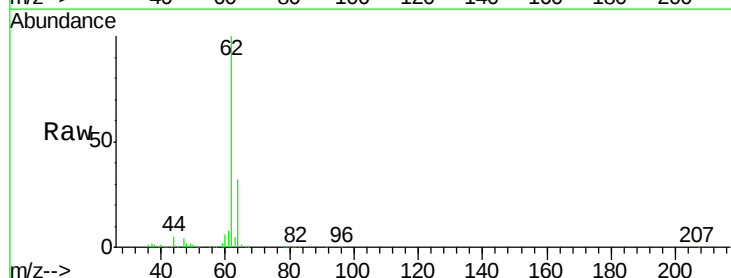
Acq: 21 Oct 2020 18:45

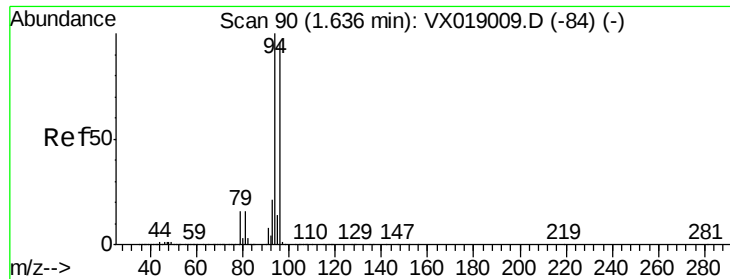
Tgt Ion: 62 Resp: 54850

Ion Ratio Lower Upper

62 100

64 32.4 26.5 39.7





#5

Bromomethane

Concen: 32.893 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 62730

Ion Ratio Lower Upper

94 100

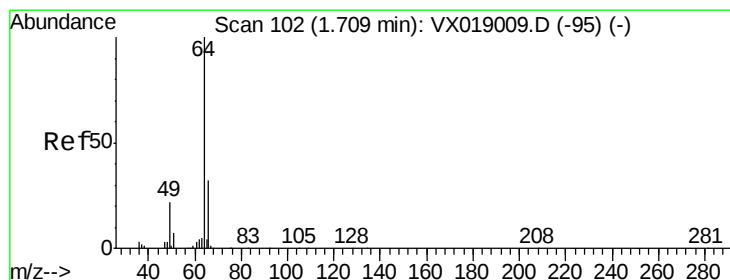
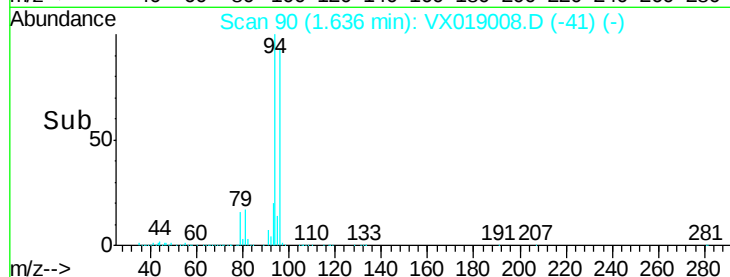
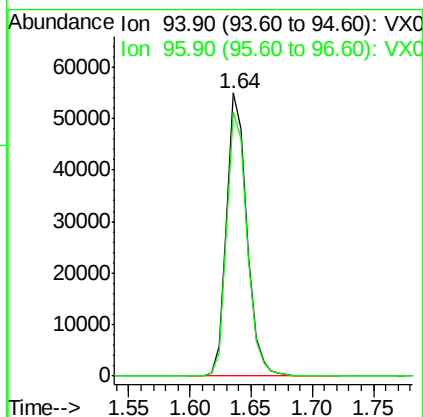
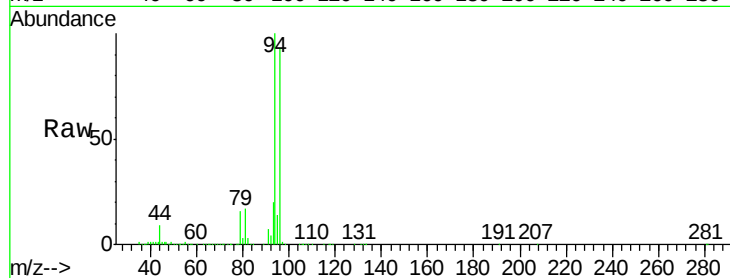
96 93.2 77.1 115.7

Manual Integrations

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#6

Chloroethane

Concen: 22.348 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019008.D

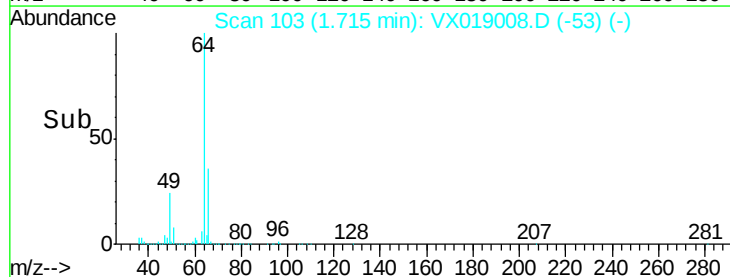
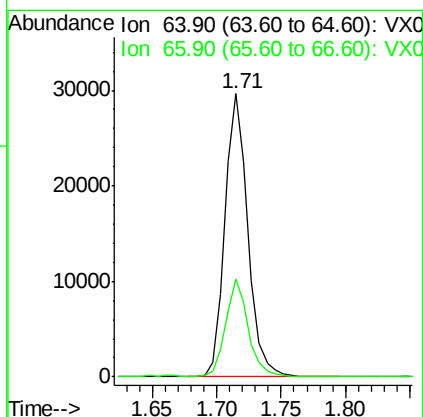
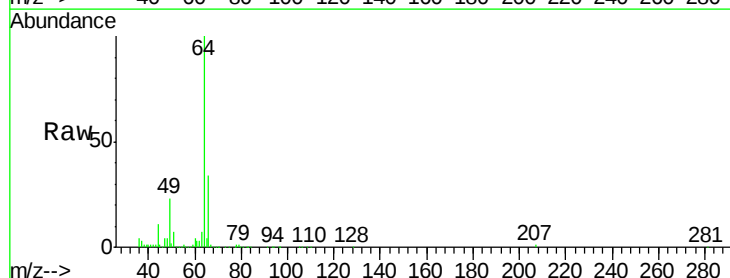
Acq: 21 Oct 2020 18:45

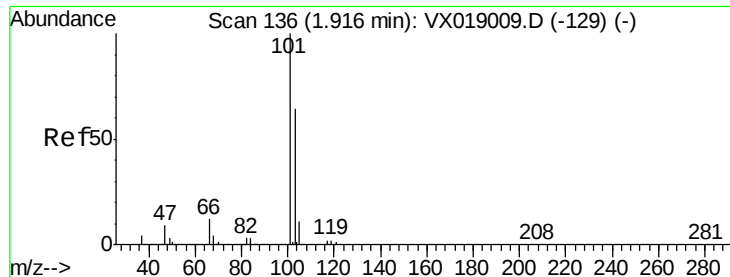
Tgt Ion: 64 Resp: 37322

Ion Ratio Lower Upper

64 100

66 34.4 25.7 38.5





#7

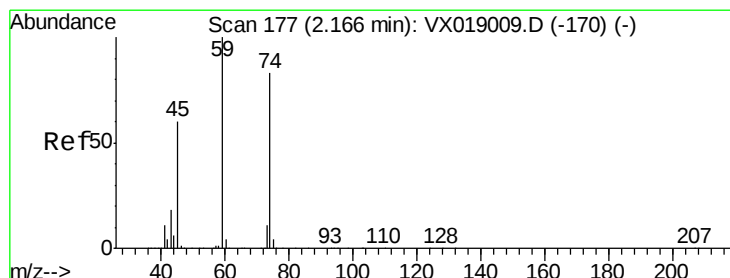
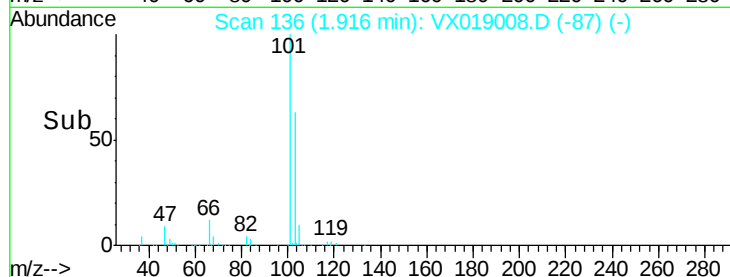
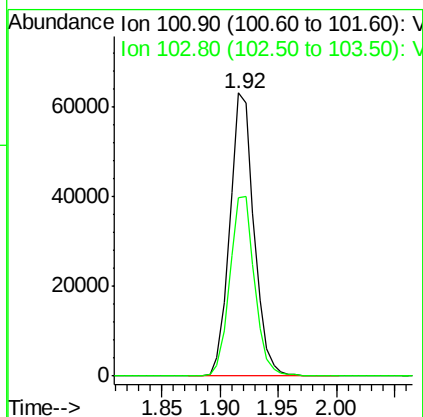
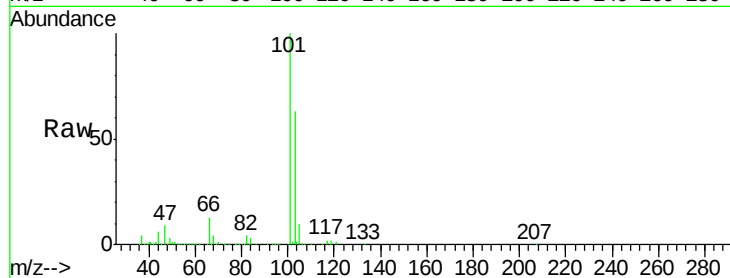
Trichlorofluoromethane
Concen: 20.818 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019008.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		91422		
103	63.1	51.2	76.8		

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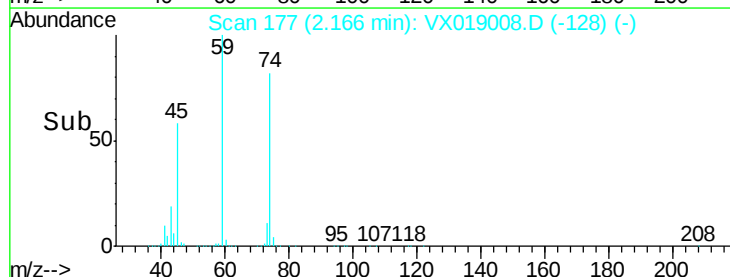
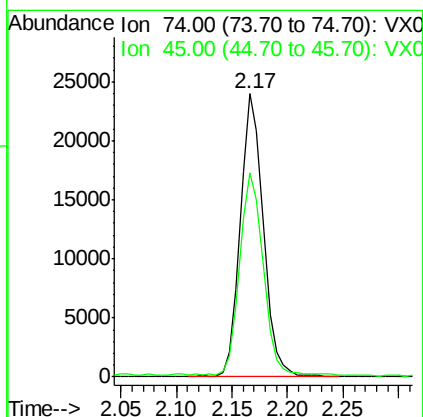
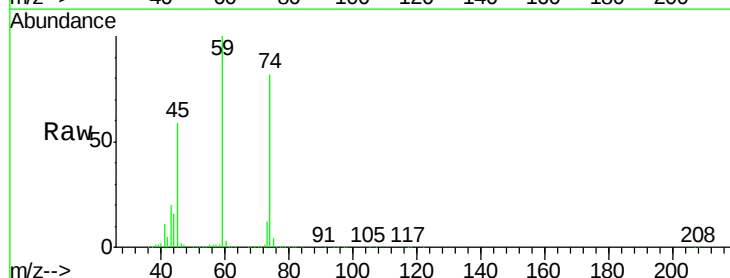
MMDadoda
10/22/2020 1:21:54 PM

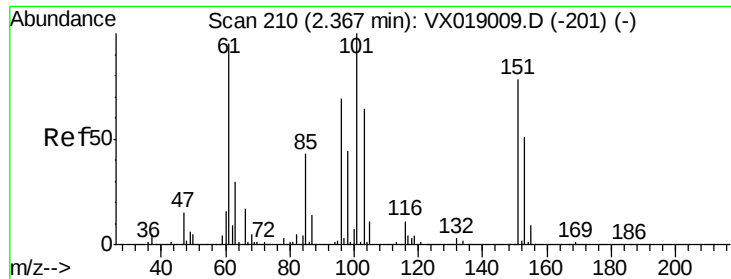


#8

Diethyl Ether
Concen: 21.895 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		34498		
45	74.5	36.8	110.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.427 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

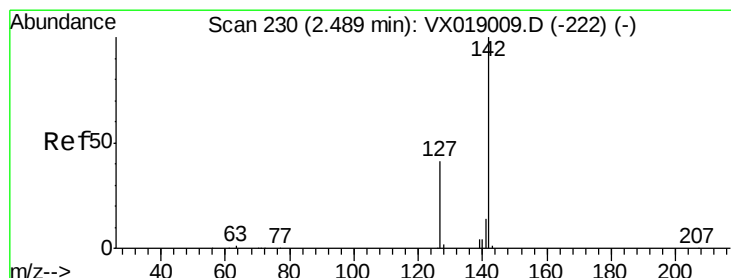
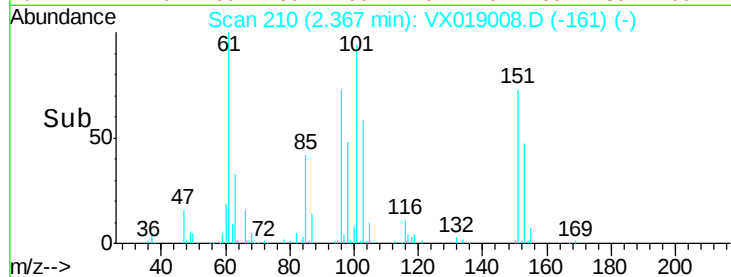
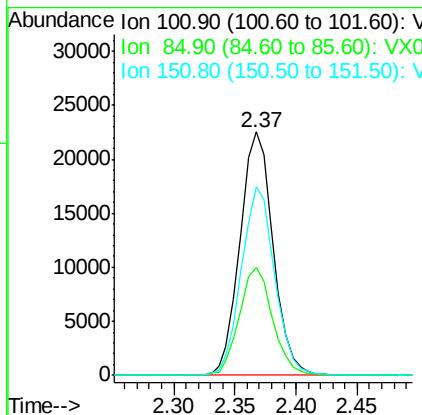
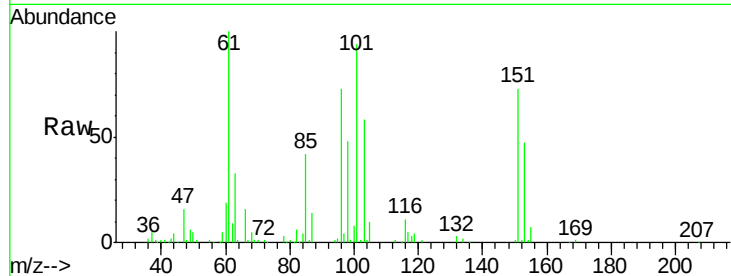
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	42333
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.2	52.8
151	78.0	62.4	93.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.966 ug/l

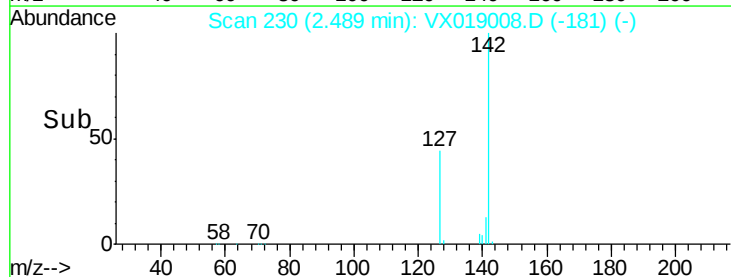
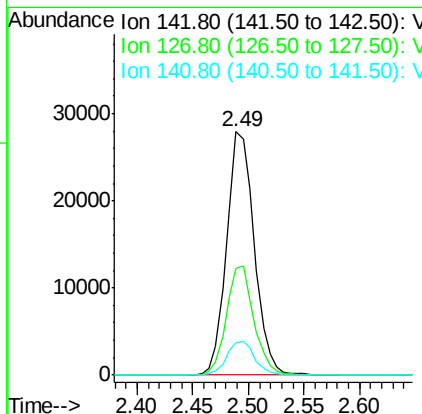
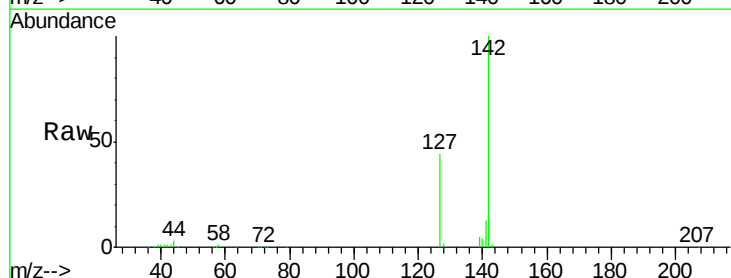
RT: 2.49 min Scan# 230

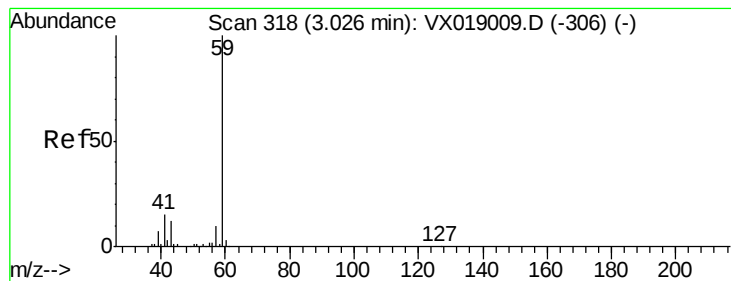
Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Tgt Ion:	142	Resp:	48152
Ion Ratio	Lower	Upper	
142	100		
127	44.1	33.6	50.4
141	13.9	11.2	16.8





#11

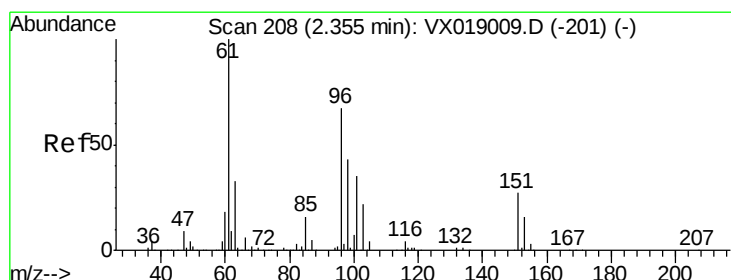
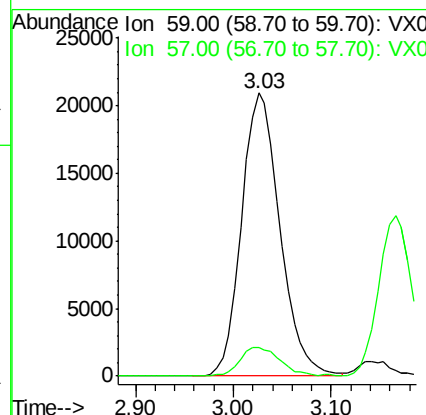
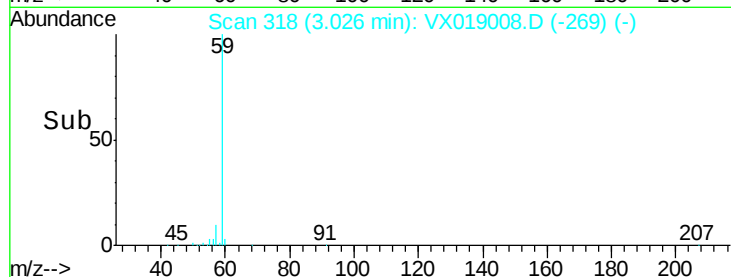
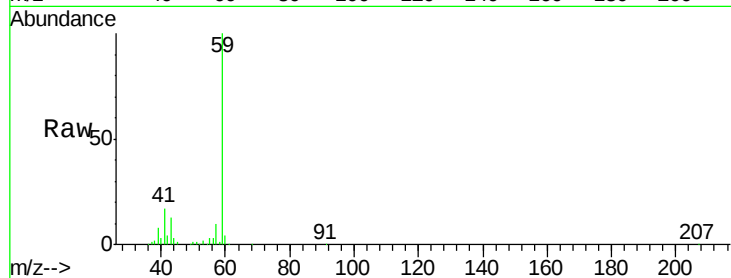
Tert butyl alcohol
 Concen: 96.824 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. -0.00 min
 Lab File: VX019008.D
 Acq: 21 Oct 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 59 Resp: 57000
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2

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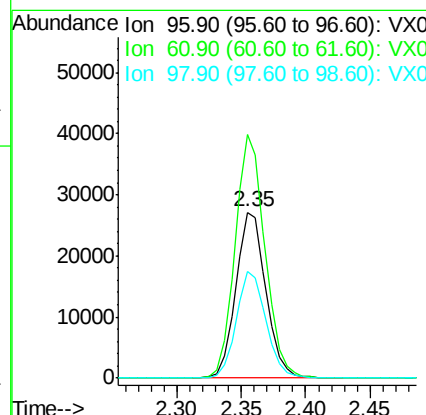
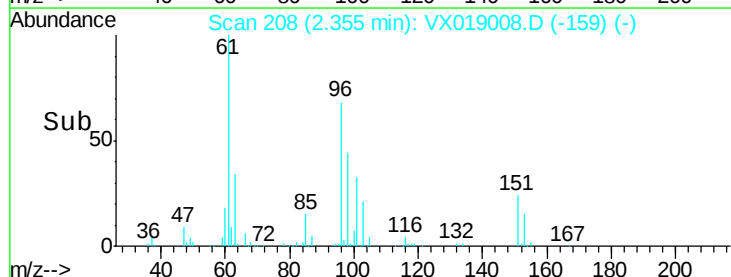
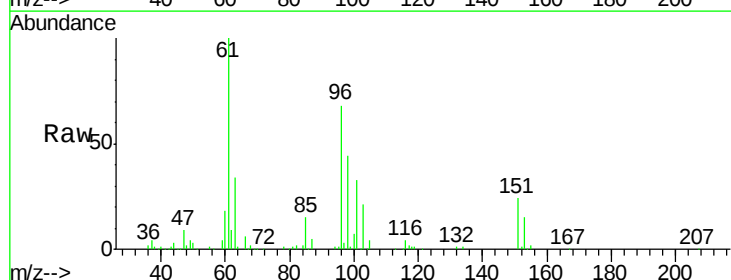
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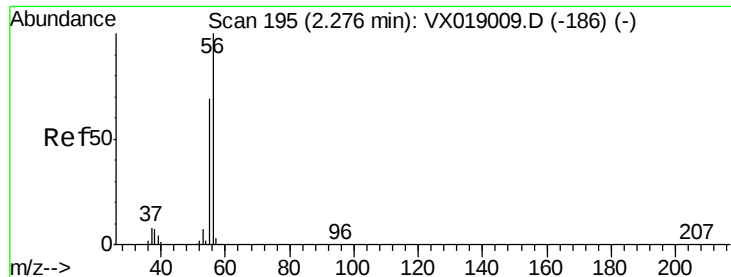


#12

1,1-Dichloroethene
 Concen: 18.895 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019008.D
 Acq: 21 Oct 2020 18:45

Tgt Ion: 96 Resp: 44010
 Ion Ratio Lower Upper
 96 100
 61 146.8 119.0 178.6
 98 64.0 51.0 76.4





#13

Acrolein

Concen: 56.291 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 19330

Ion Ratio Lower Upper

56 100

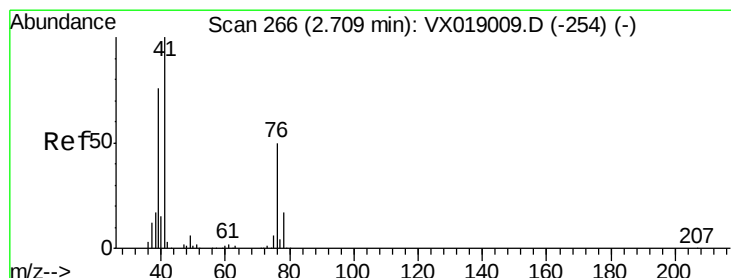
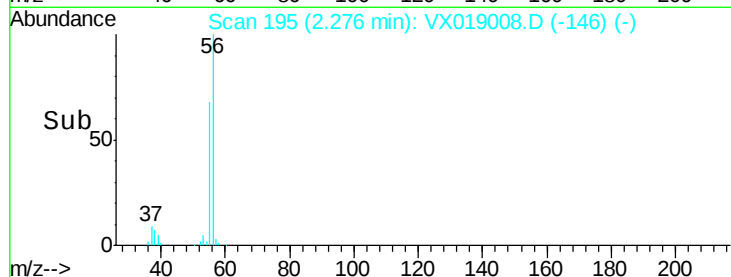
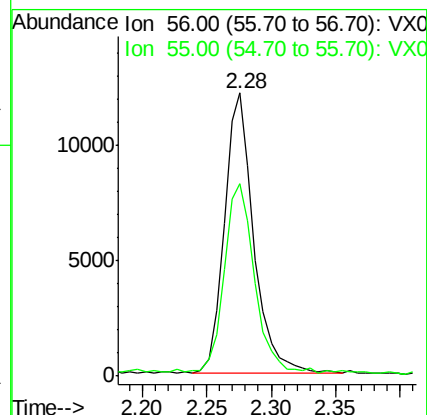
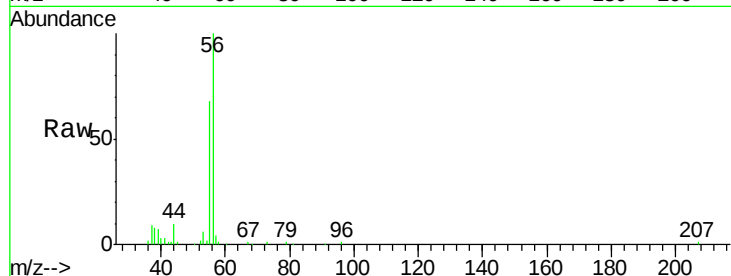
55 67.7 54.2 81.4

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#14

Allyl chloride

Concen: 13.626 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

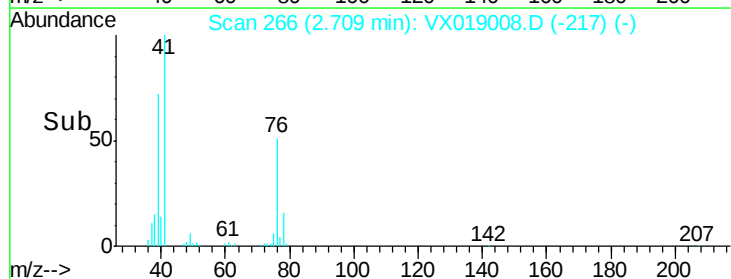
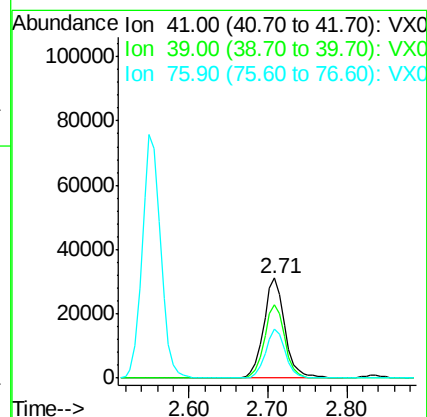
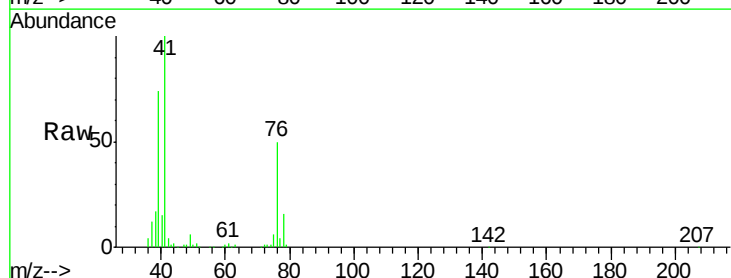
Tgt Ion: 41 Resp: 58312

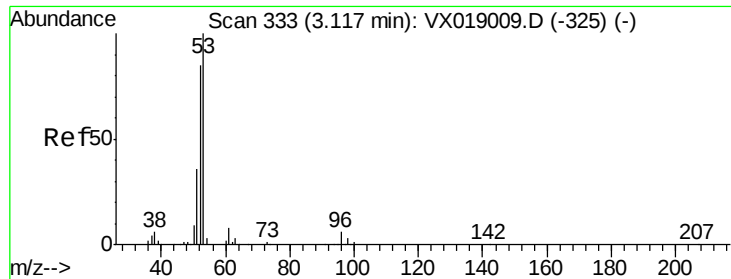
Ion Ratio Lower Upper

41 100

39 69.3 57.4 86.0

76 44.9 37.7 56.5





#15

Acrylonitrile

Concen: 79.392 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

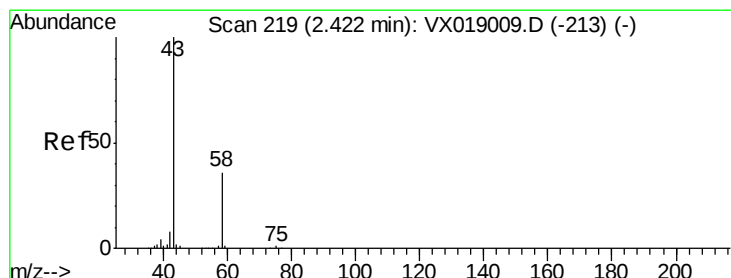
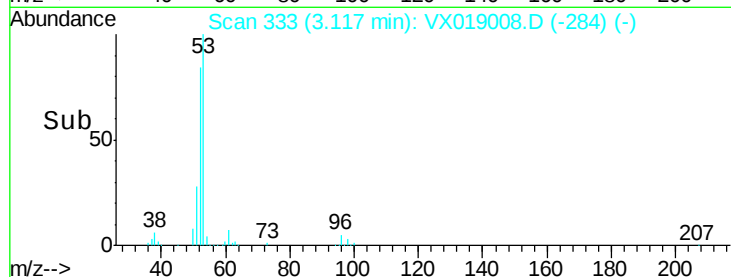
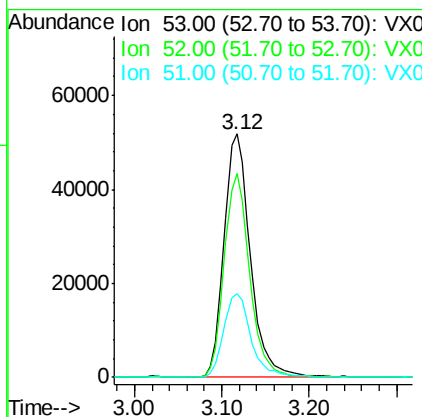
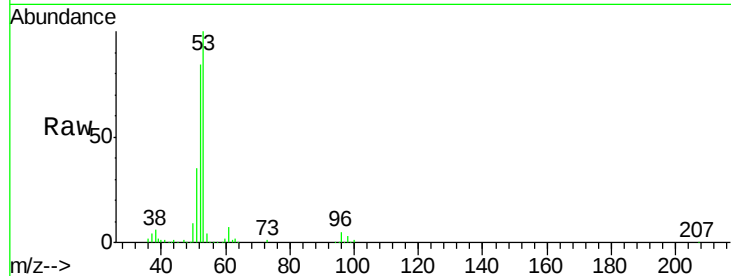
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	108081
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.9	98.9
51	35.9	28.3	42.5

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#16

Acetone

Concen: 75.269 ug/l

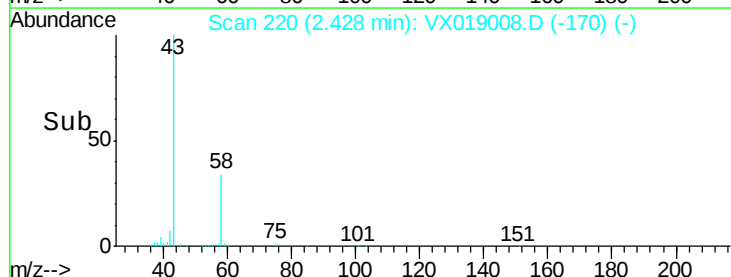
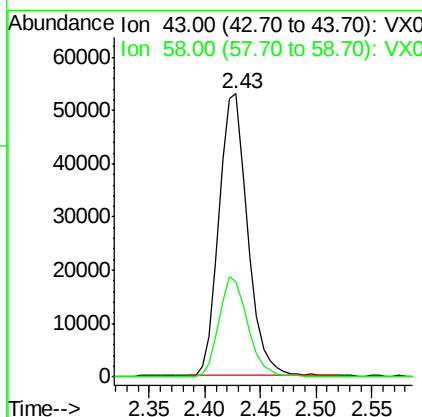
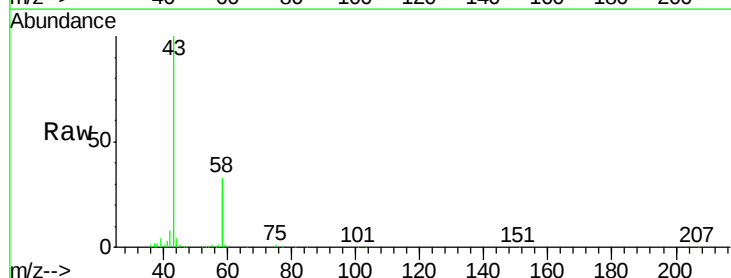
RT: 2.43 min Scan# 220

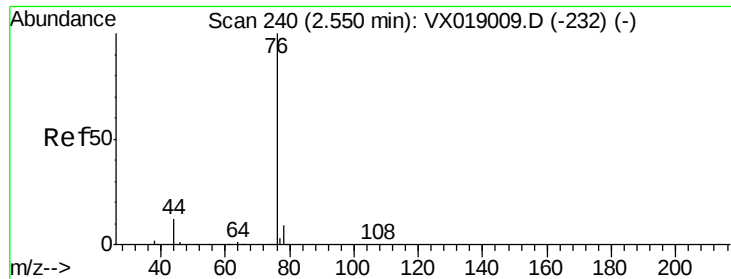
Delta R.T. 0.01 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Tgt Ion:	43	Resp:	94192
Ion Ratio	Lower	Upper	
43	100		
58	33.3	28.6	42.8





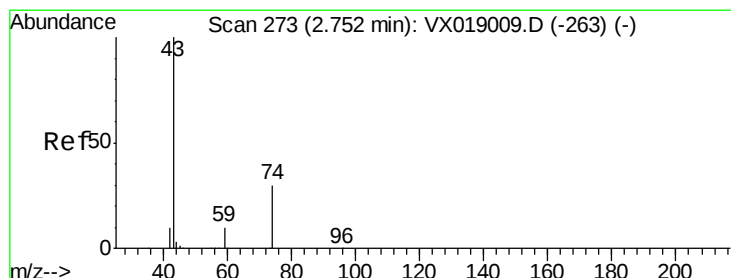
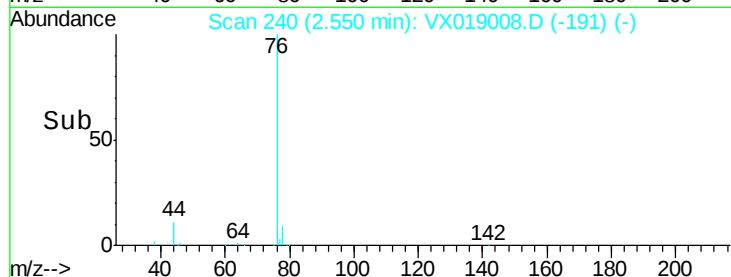
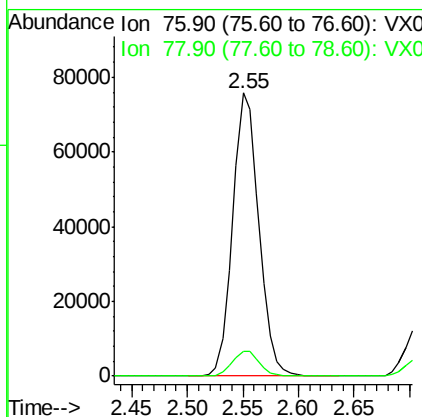
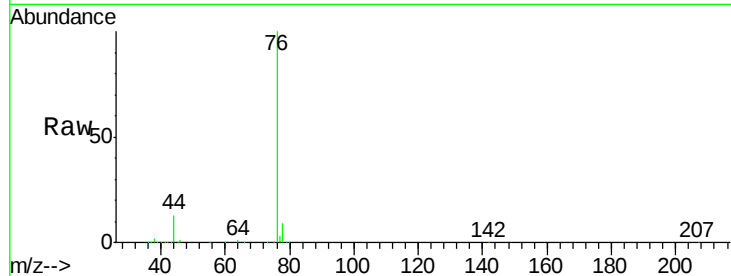
#17
Carbon Disulfide
Concen: 17.835 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.1	10.7

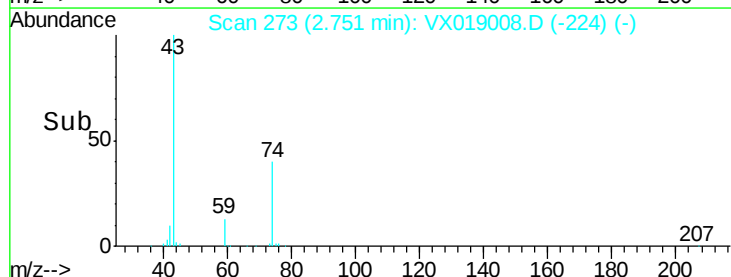
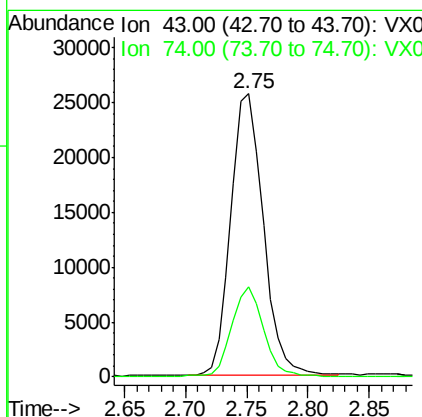
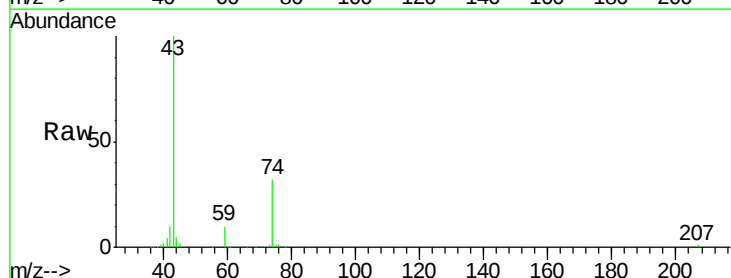
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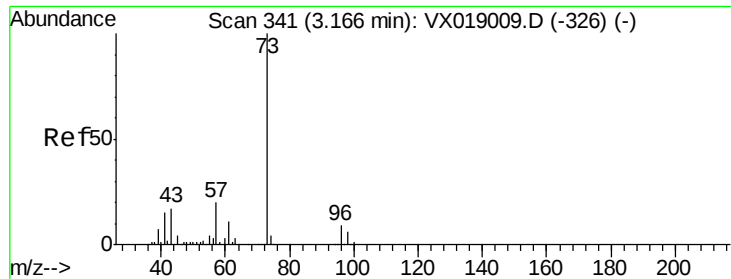
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#18
Methyl Acetate
Concen: 15.347 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	31.4	24.9	37.3





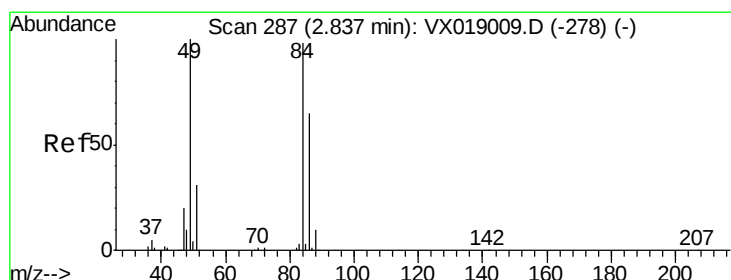
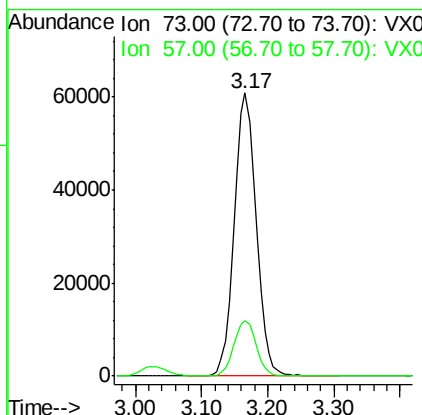
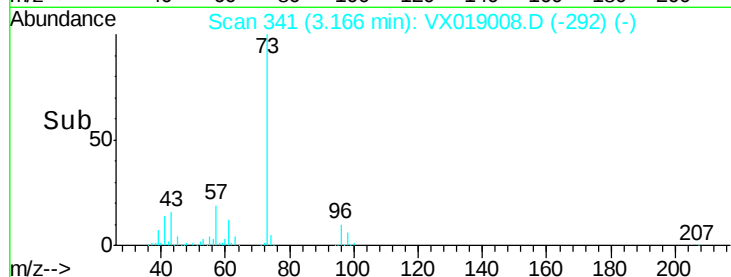
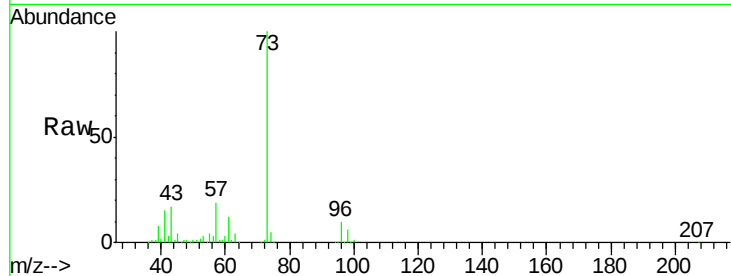
#19
Methyl tert-butyl Ether
Concen: 17.446 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 73 Resp: 140324
Ion Ratio Lower Upper
73 100
57 19.5 16.2 24.2

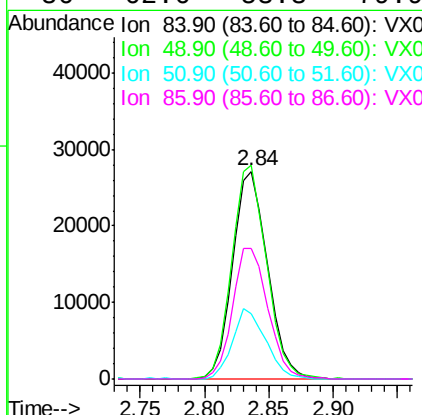
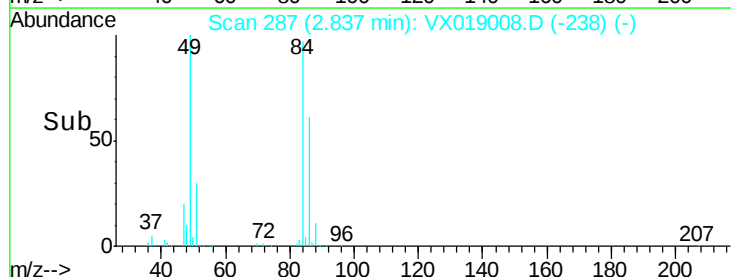
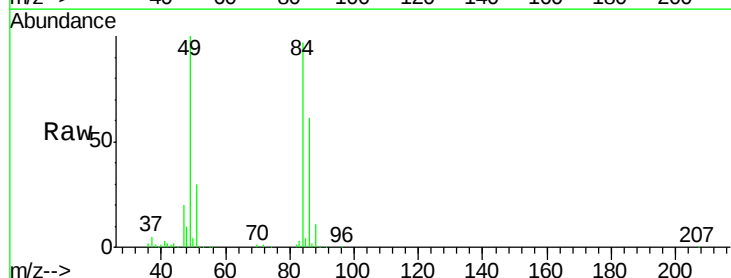
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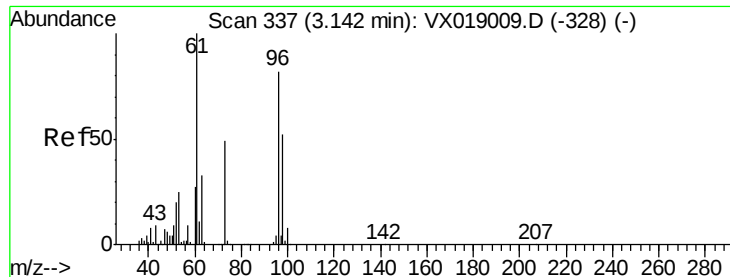
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#20
Methylene Chloride
Concen: 17.884 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion: 84 Resp: 51249
Ion Ratio Lower Upper
84 100
49 102.7 81.6 122.4
51 31.1 25.6 38.4
86 62.6 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 18.858 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

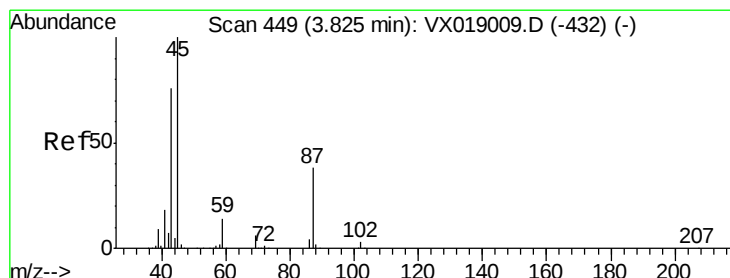
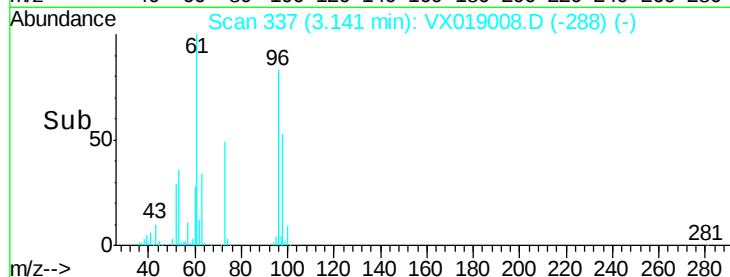
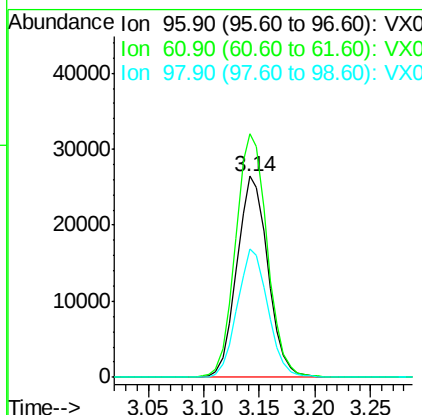
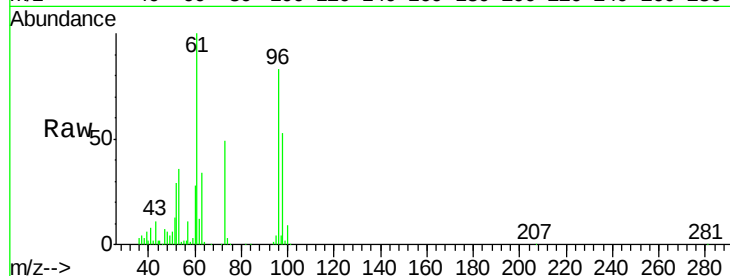
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	51300
Ion	Ratio	Lower	Upper
96	100		
61	121.0	97.8	146.6
98	63.7	50.7	76.1

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#22

Diisopropyl ether

Concen: 14.081 ug/l

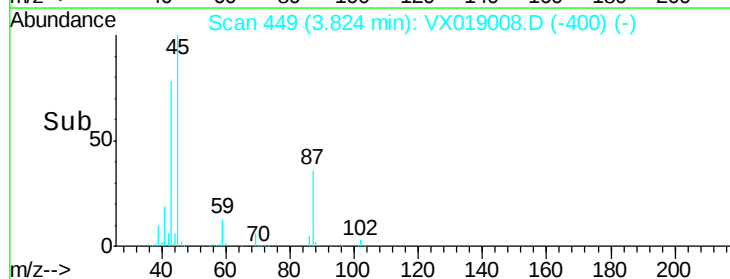
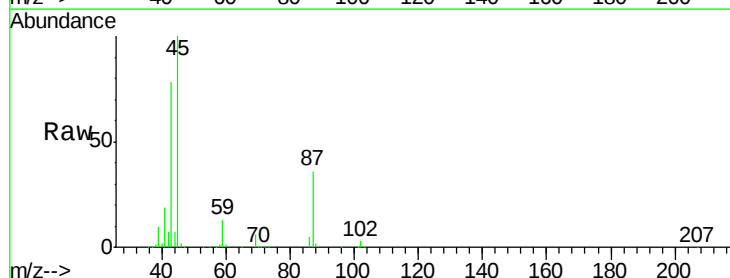
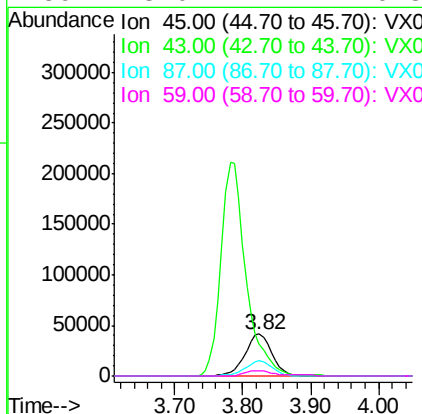
RT: 3.82 min Scan# 449

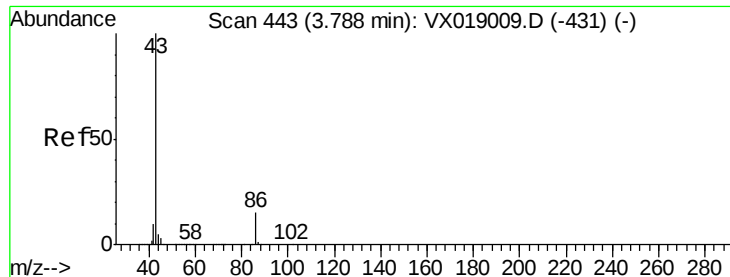
Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Tgt Ion:	45	Resp:	113768
Ion	Ratio	Lower	Upper
45	100		
43	77.4	60.4	90.6
87	36.2	30.4	45.6
59	13.0	11.2	16.8





#23

Vinyl Acetate

Concen: 75.631 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 544340

Ion Ratio Lower Upper

43 100

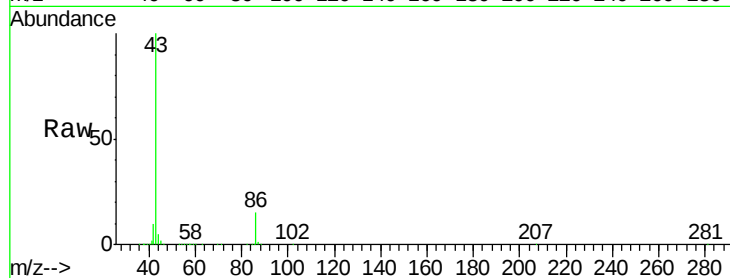
86 14.7 11.7 17.5

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

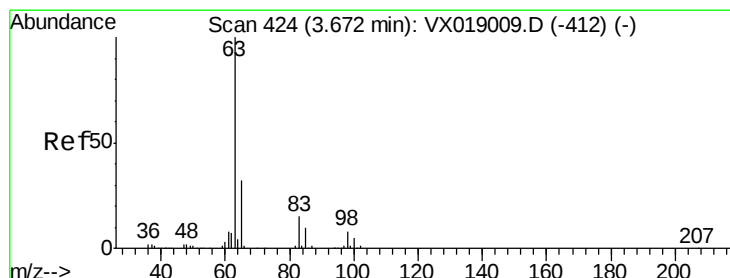
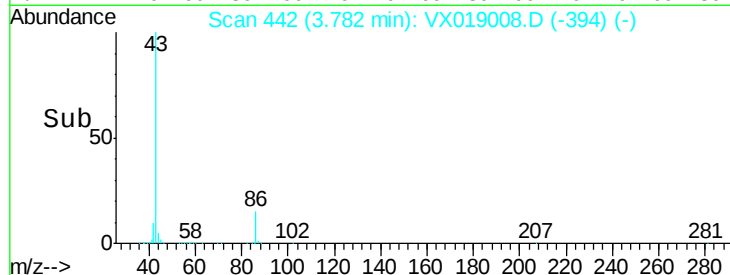
100000

50000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.304 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

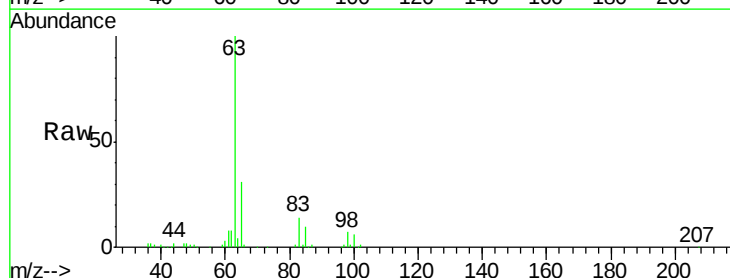
Tgt Ion: 63 Resp: 83614

Ion Ratio Lower Upper

63 100

98 7.4 4.0 12.0

100 5.5 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

30000

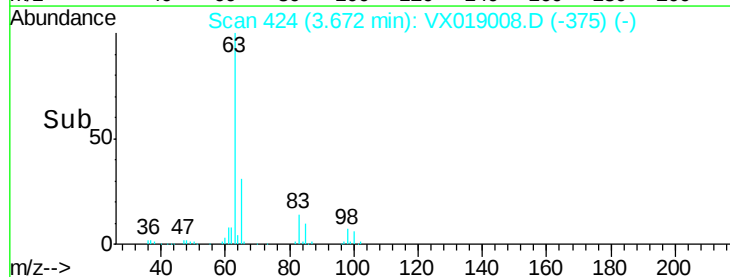
20000

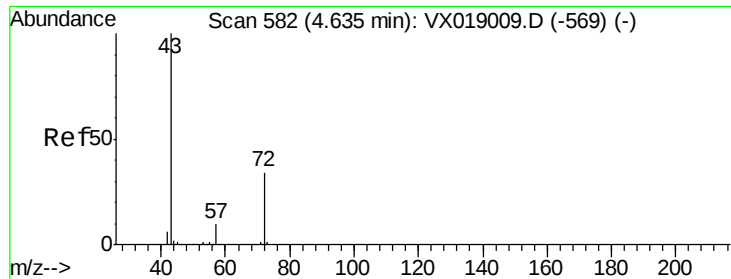
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 77.803 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 151809

Ion Ratio Lower Upper

43 100

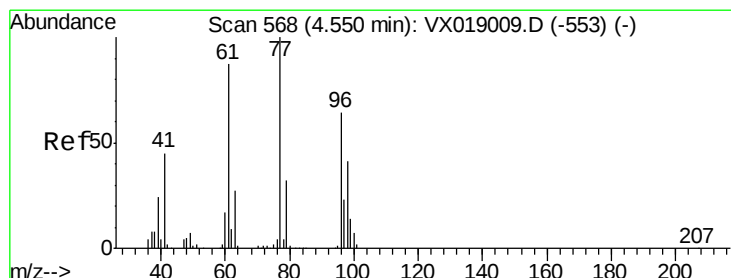
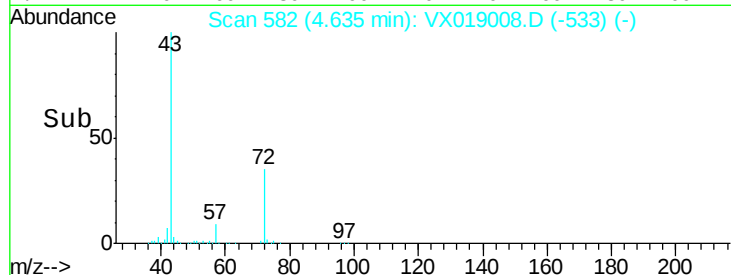
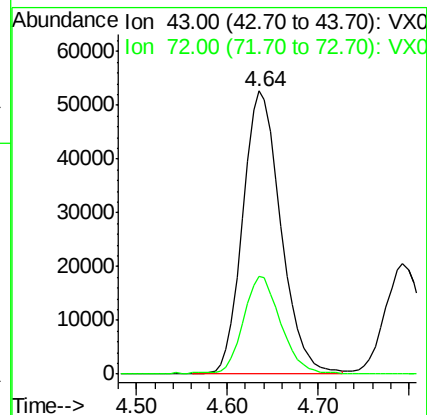
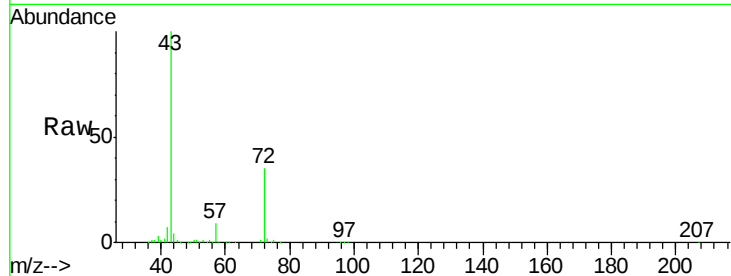
72 34.3 27.8 41.6

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#26

2,2-Dichloropropane

Concen: 17.017 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019008.D

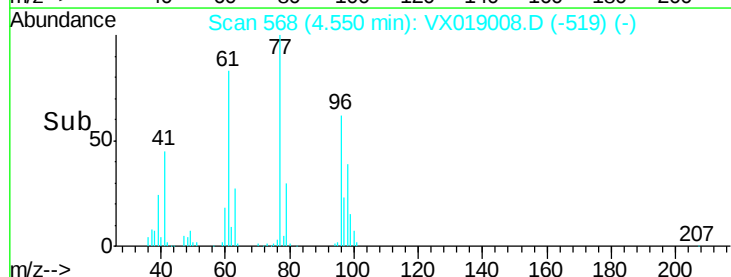
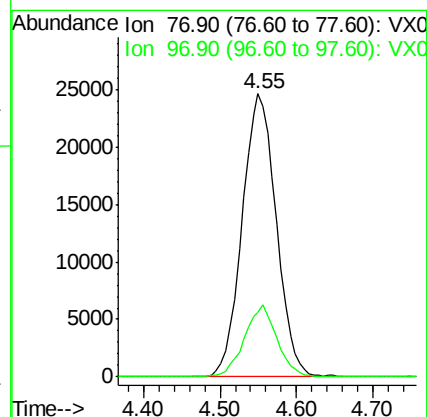
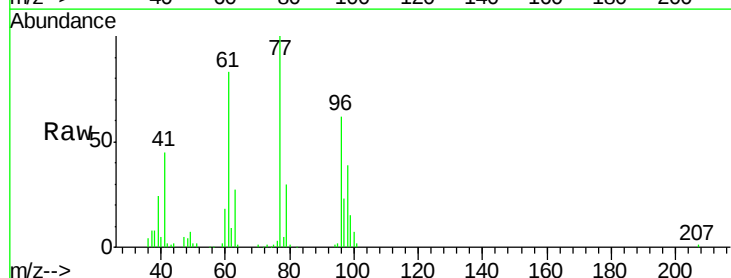
Acq: 21 Oct 2020 18:45

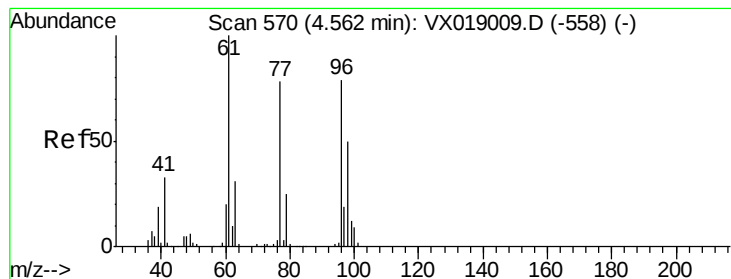
Tgt Ion: 77 Resp: 76126

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.7





#27

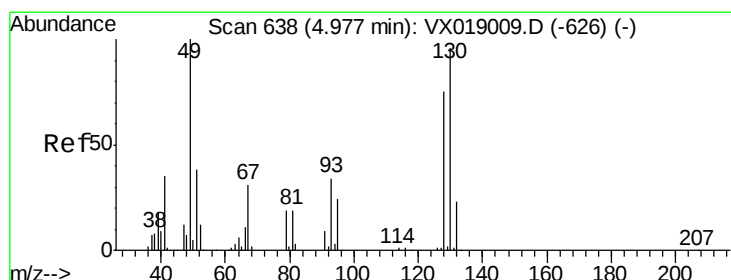
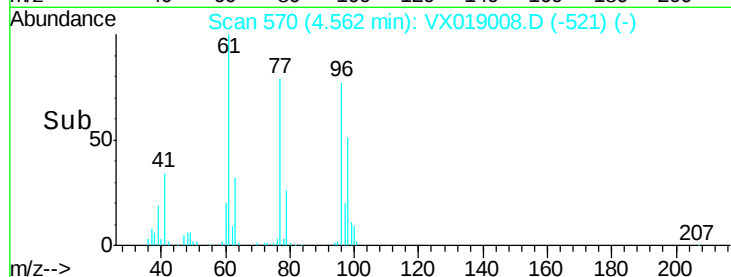
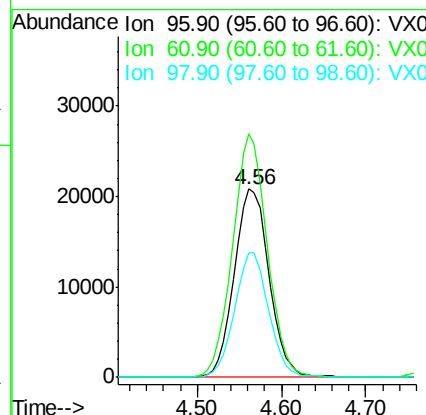
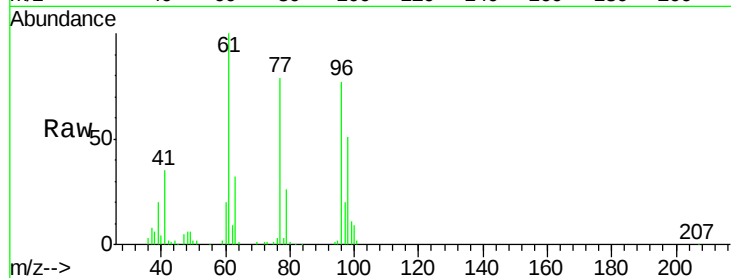
cis-1,2-Dichloroethene
Concen: 19.088 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	128.5	0.0	260.0	
98	64.5	0.0	131.4	

Manual Integrations
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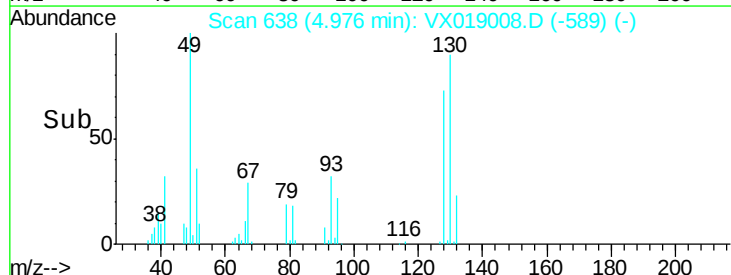
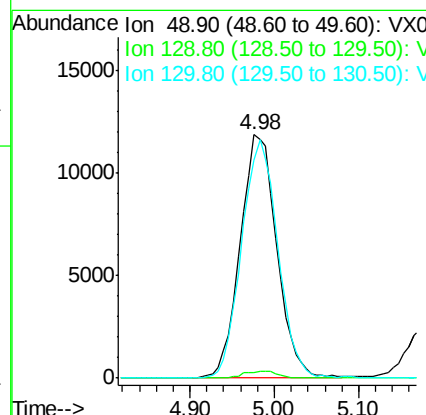
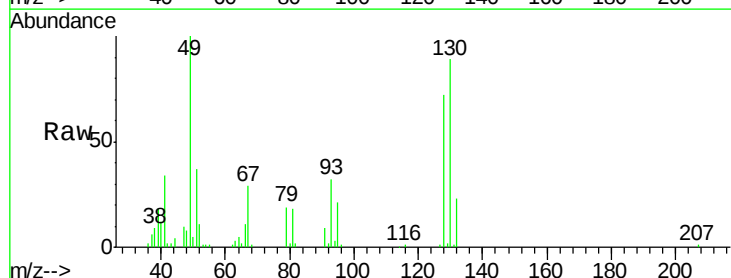
MMDadoda
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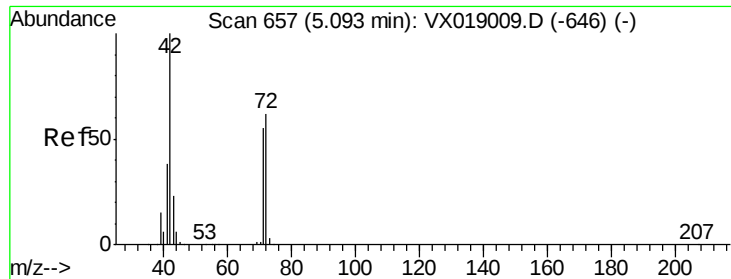


#28

Bromochloromethane
Concen: 15.751 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	5.2	
130	96.5	79.0	118.6	





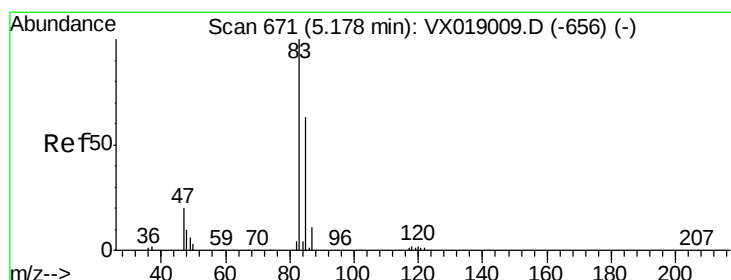
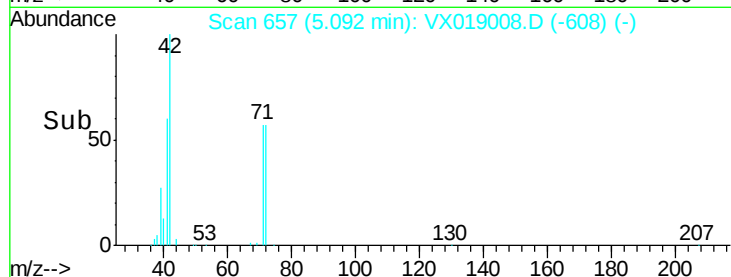
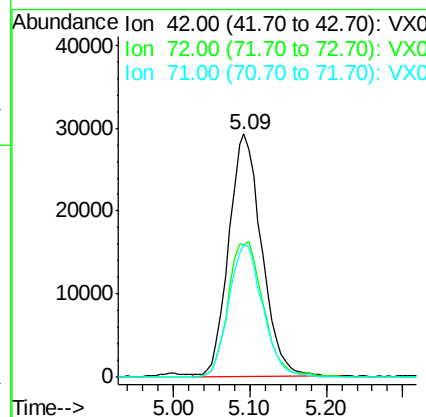
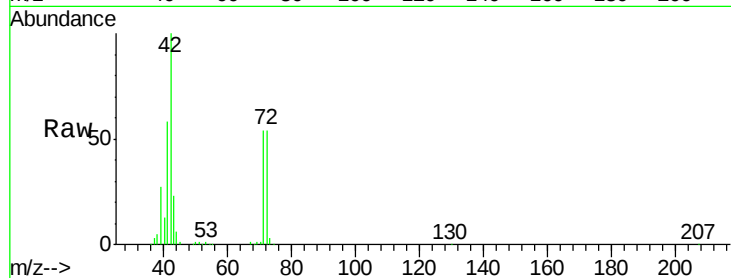
#29
Tetrahydrofuran
Concen: 71.788 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:	42	Resp:	87101
Ion Ratio	Lower	Upper	
42	100		
72	60.3	49.1	73.7
71	56.8	44.2	66.4

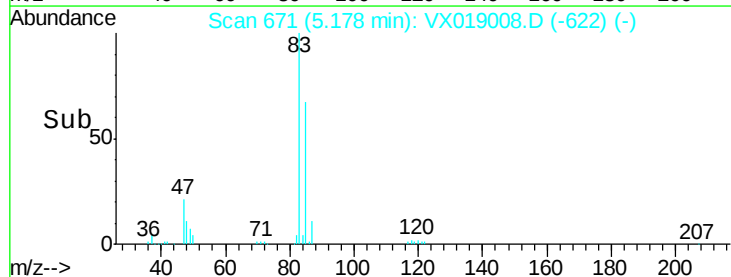
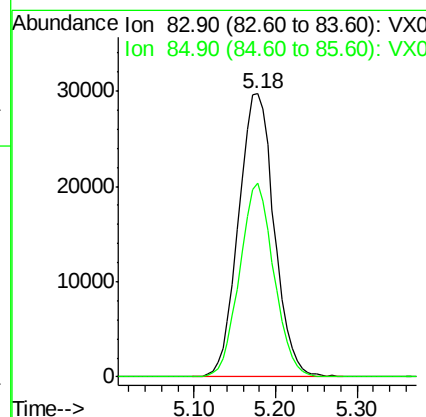
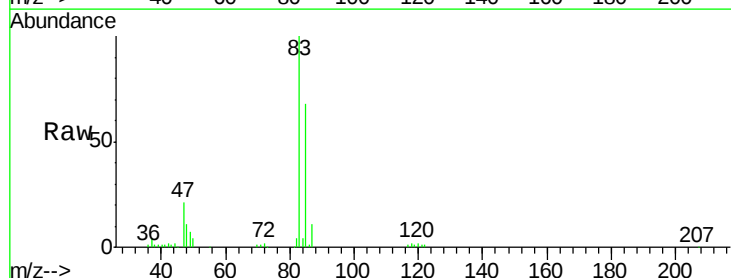
Manual Integrations
APPROVED

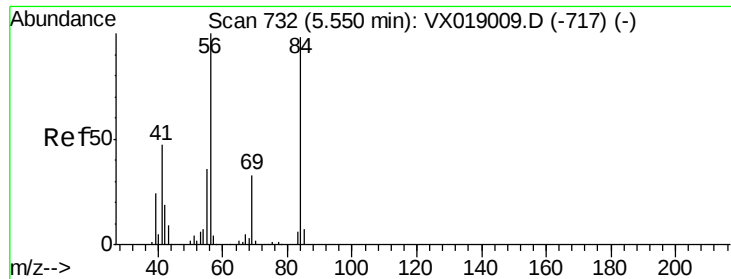
MMDadoda
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#30
Chloroform
Concen: 18.210 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion:	83	Resp:	90222
Ion Ratio	Lower	Upper	
83	100		
85	68.4	50.5	75.7





#31

Cyclohexane

Concen: 16.085 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

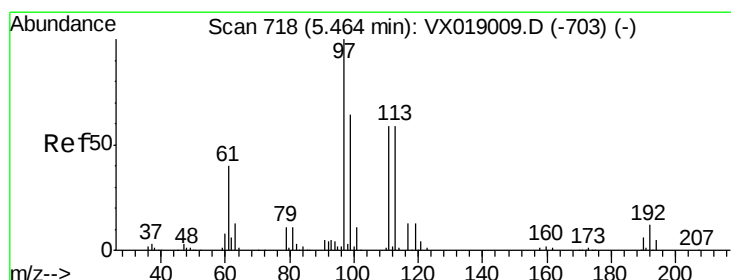
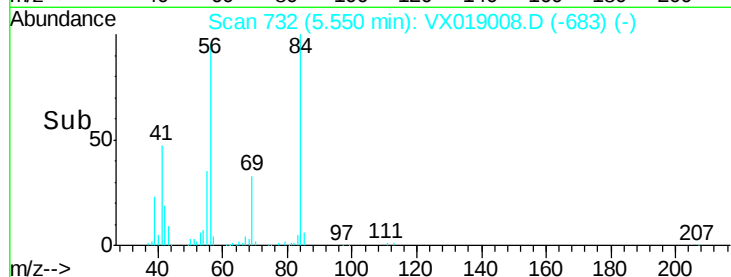
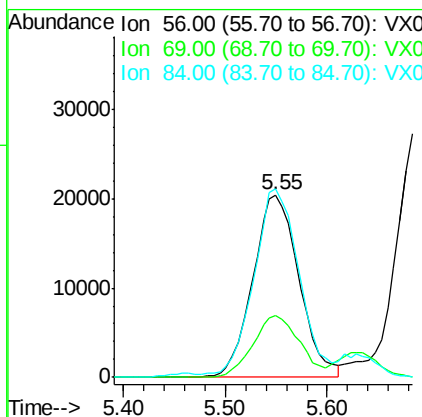
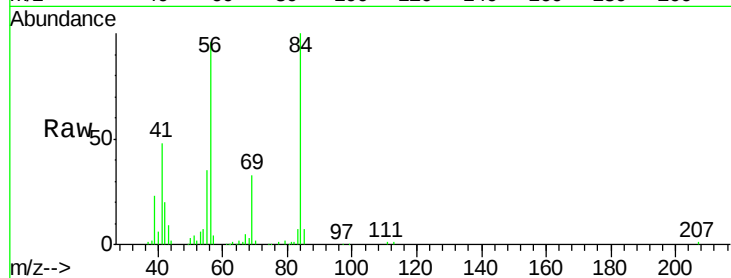
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	63949
Ion	Ratio	Lower	Upper
56	100		
69	34.0	26.2	39.2
84	101.7	78.3	117.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.681 ug/l

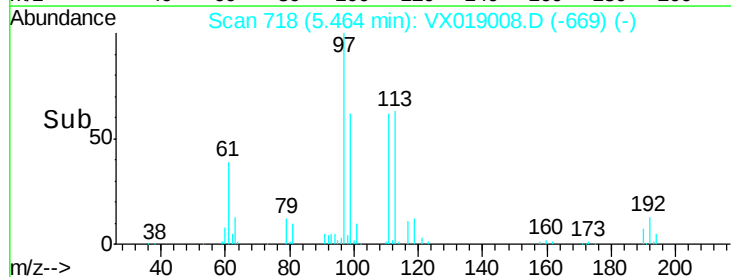
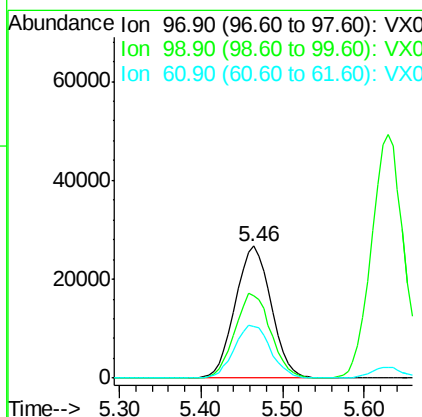
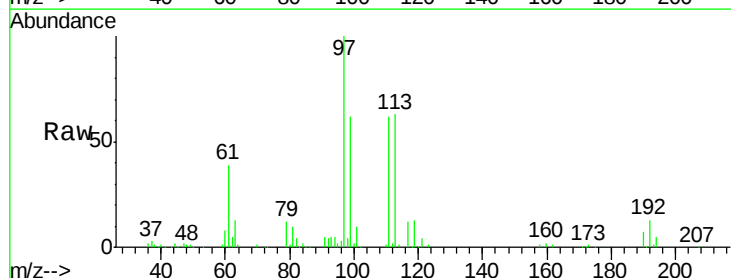
RT: 5.46 min Scan# 718

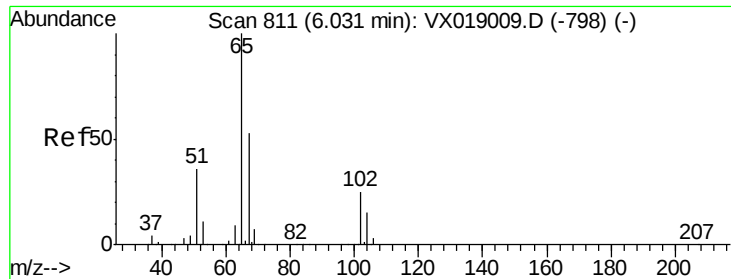
Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Tgt Ion:	97	Resp:	81692
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	40.4	31.9	47.9





#33

1,2-Dichloroethane-d4

Concen: 16.533 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 65 Resp: 54768

Ion Ratio Lower Upper

65 100

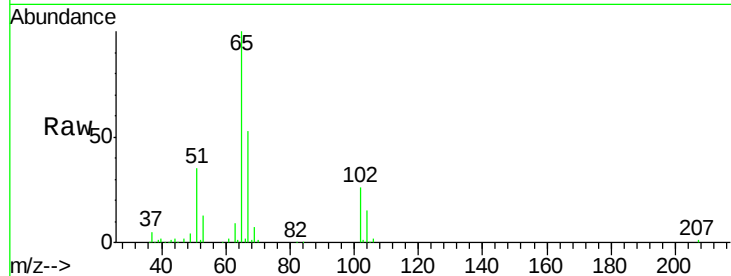
67 52.3 0.0 107.0

Manual Integrations

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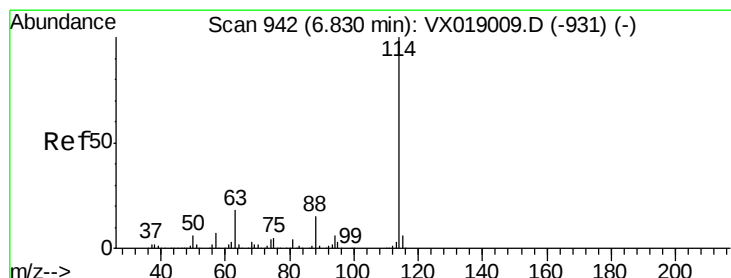
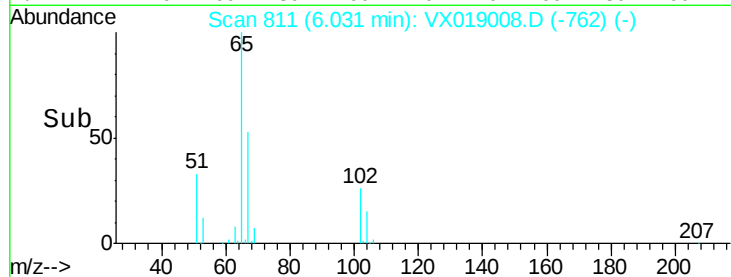
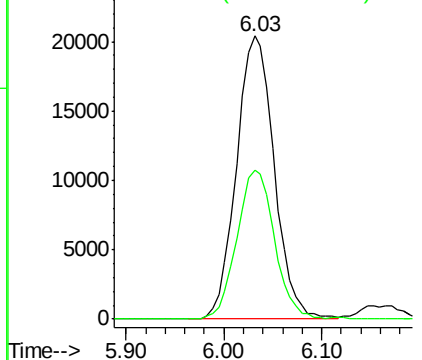
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

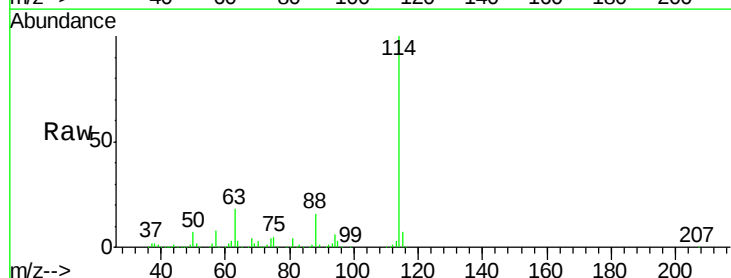
Tgt Ion: 114 Resp: 403243

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

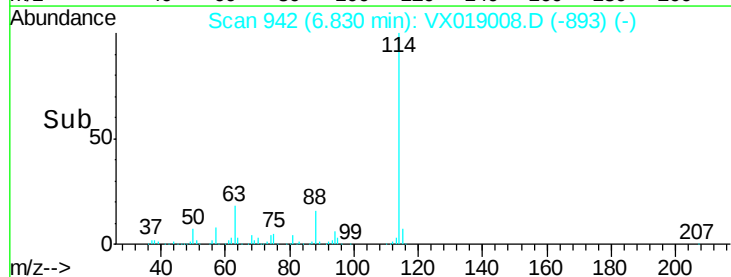
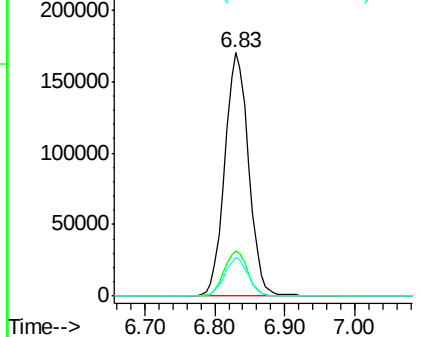
88 15.9 0.0 30.2

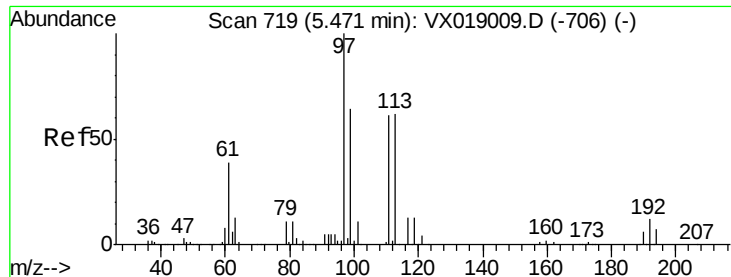


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





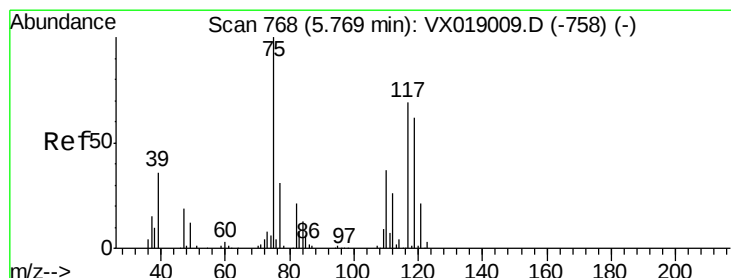
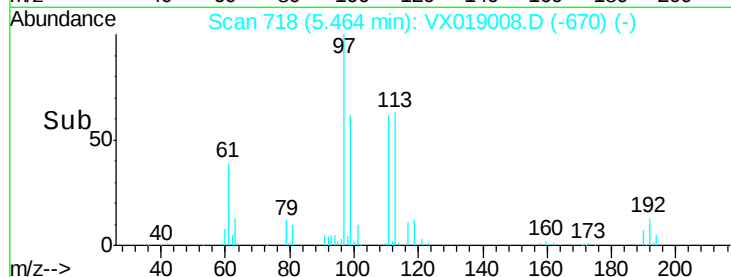
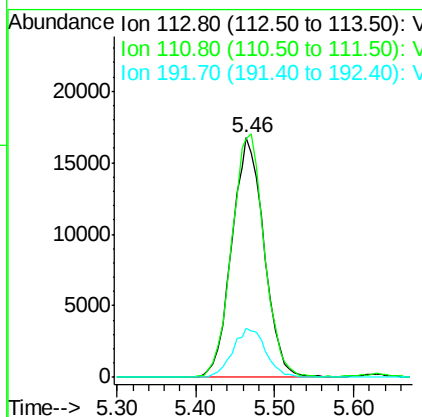
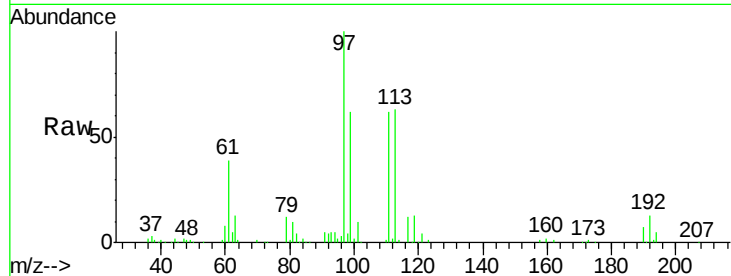
#35
Dibromofluoromethane
Concen: 17.245 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.5	122.3
192	20.6	16.3	24.5

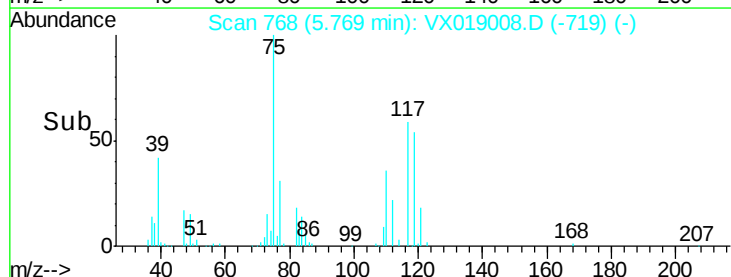
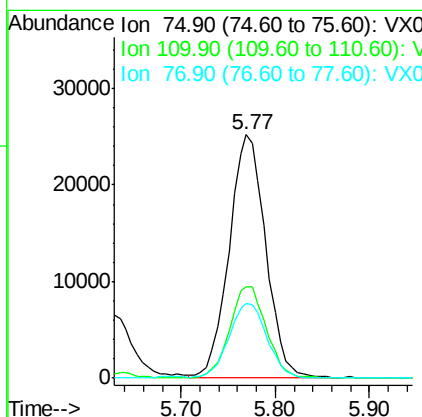
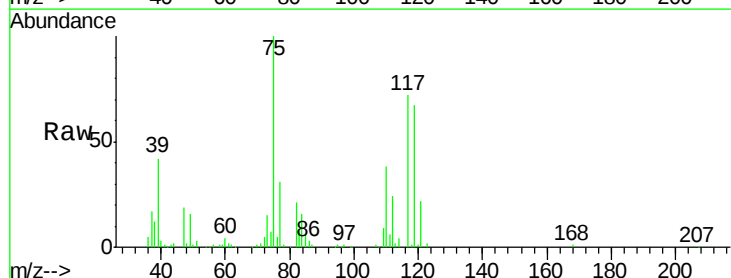
Manual Integrations
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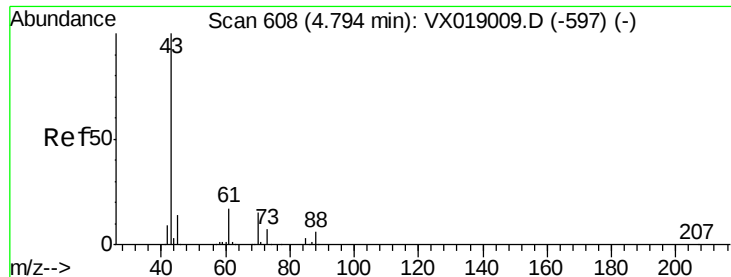
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#36
1,1-Dichloropropene
Concen: 17.490 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	19.4	58.2
77	32.2	25.2	37.8





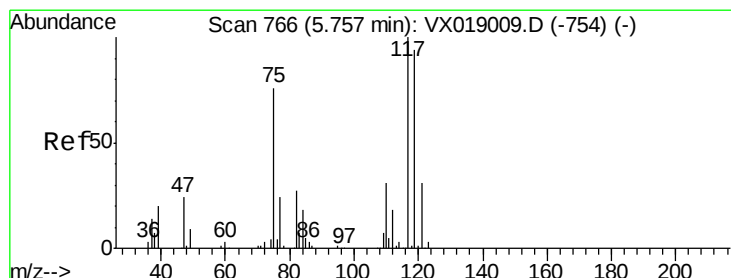
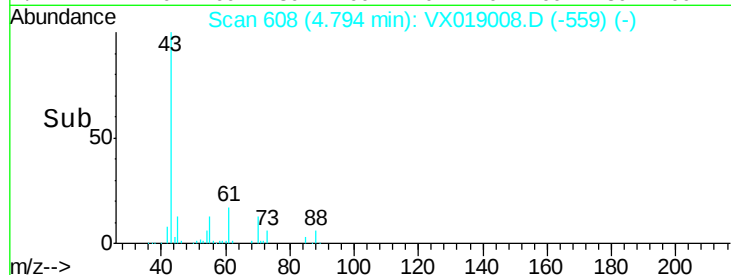
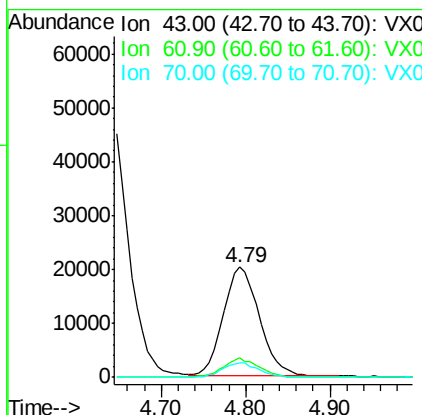
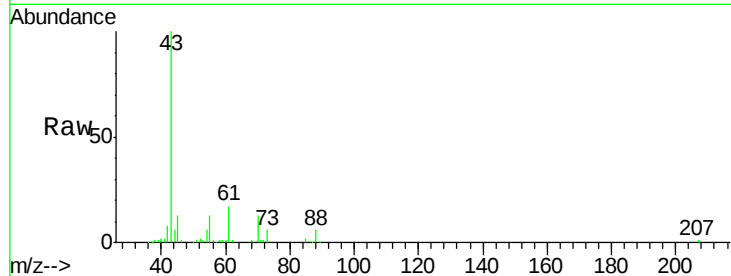
#37
Ethyl Acetate
Concen: 14.905 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.3	13.8	20.8
70	13.6	11.4	17.2

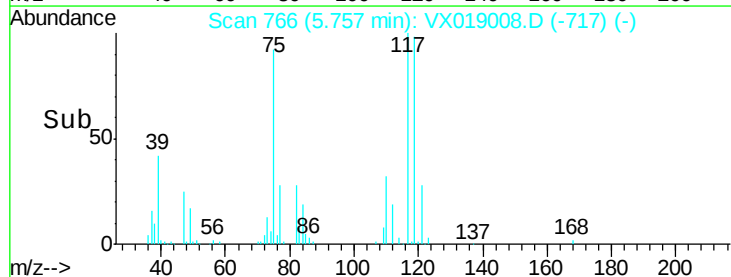
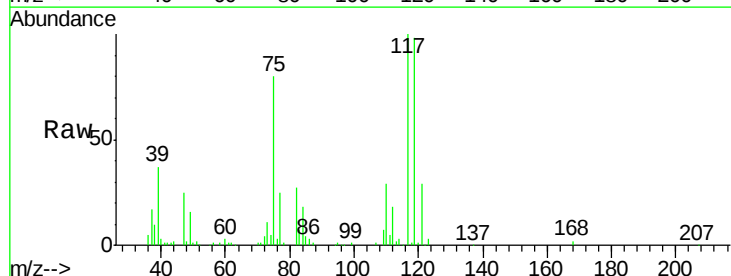
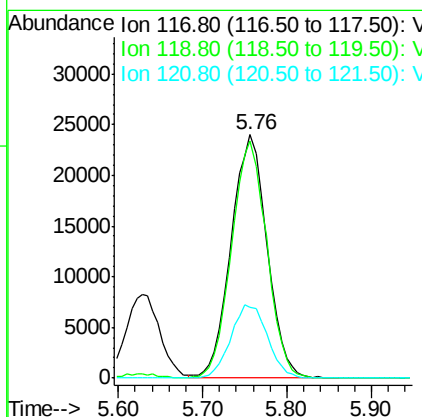
Manual Integrations
APPROVED

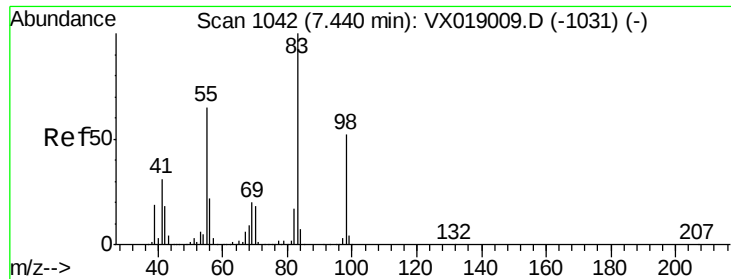
MMDadoda
10/22/2020 1:21:54 PM



#38
Carbon Tetrachloride
Concen: 16.451 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.4	113.0
121	29.2	25.0	37.6





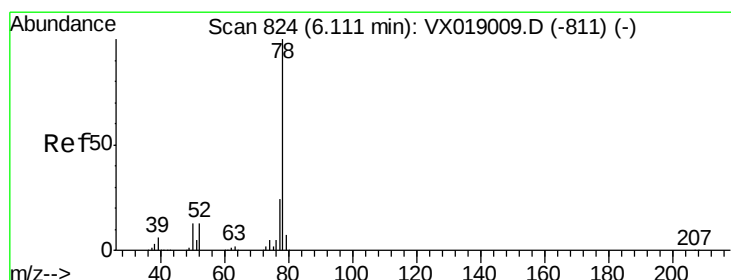
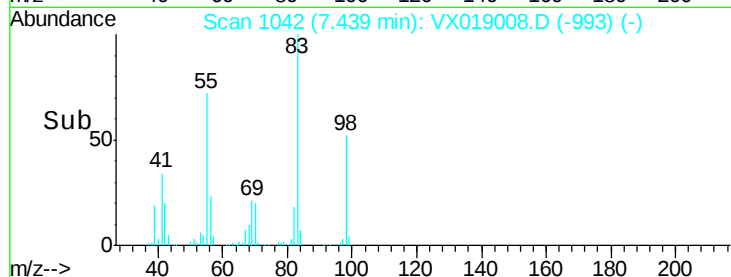
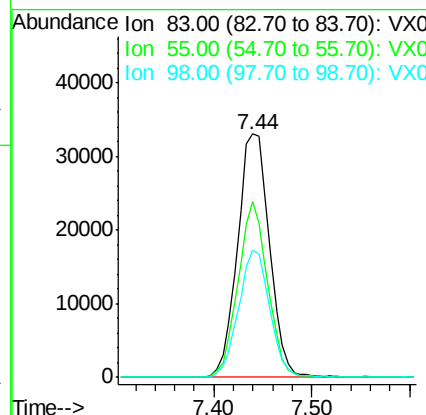
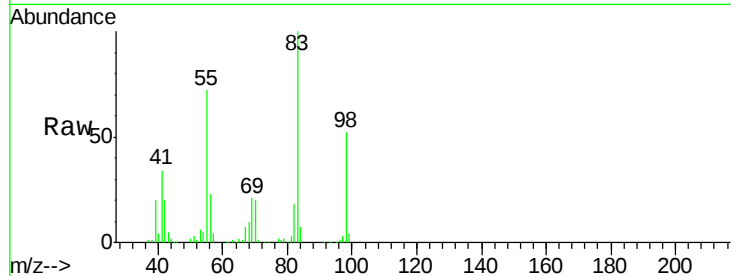
#39
Methvlcvclohexane
Concen: 17.360 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	83	Resp	75190
Ion Ratio	100	Lower	Upper
83	100		
55	72.4	51.8	77.6
98	52.0	41.4	62.2

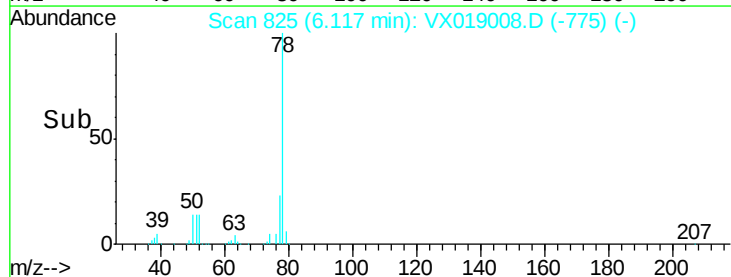
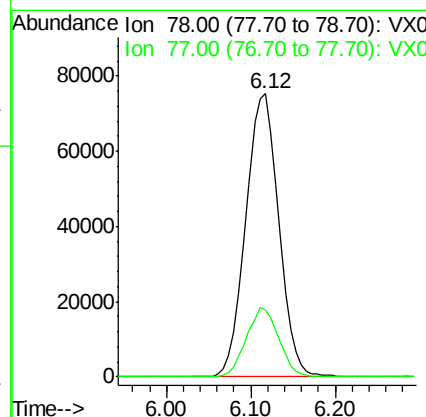
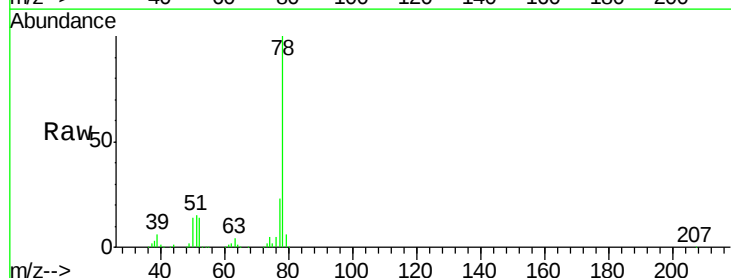
Manual Integrations
APPROVED

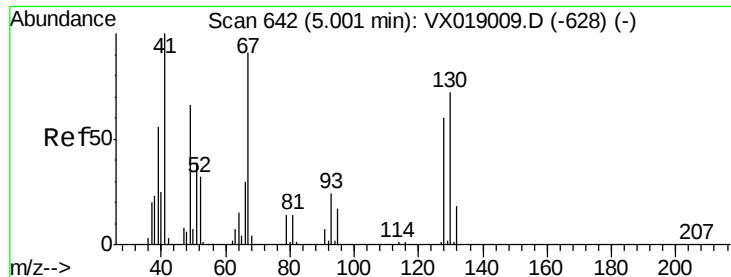
MMDadoda
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#40
Benzene
Concen: 17.978 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion	78	Resp	200376
Ion Ratio	100	Lower	Upper
78	100		
77	23.5	19.3	28.9





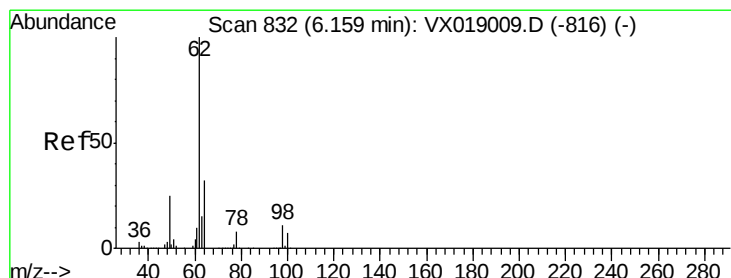
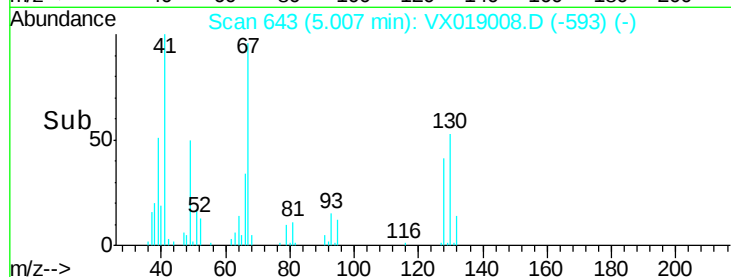
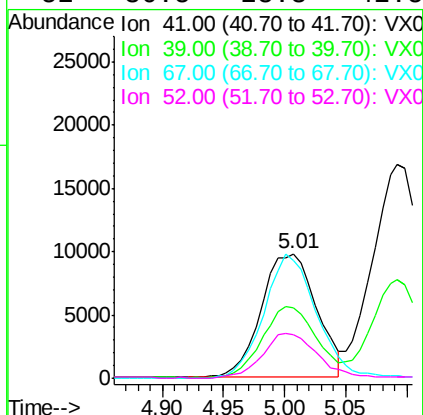
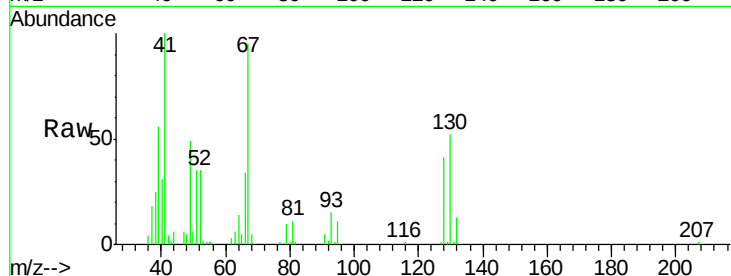
#41
Methacrylonitrile
Concen: 13.910 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.6	44.6	67.0	
67	96.6	76.1	114.1	
52	36.5	28.3	42.5	

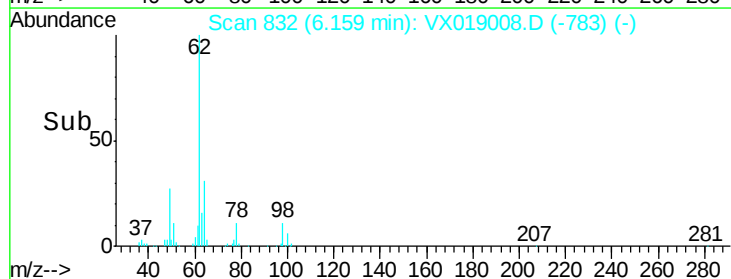
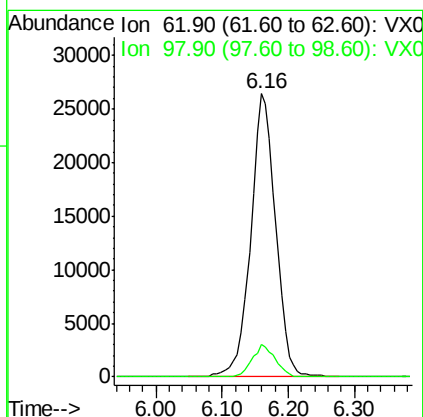
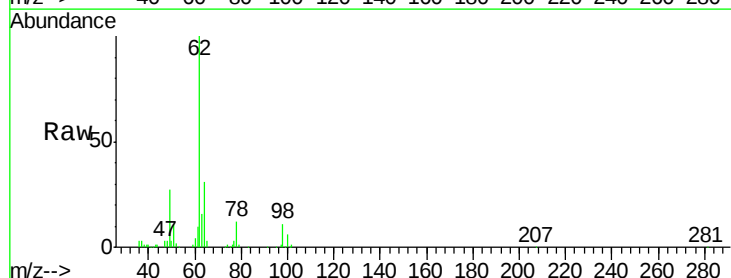
Manual Integrations
APPROVED

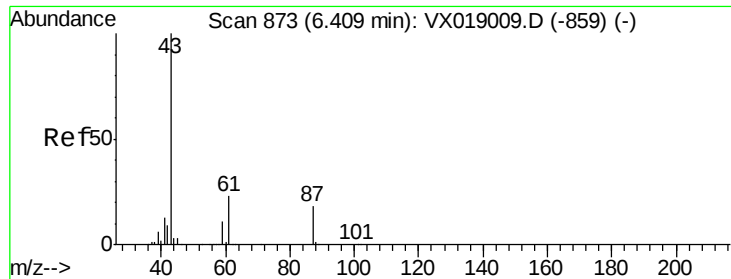
MMDadoda
10/22/2020 1:21:54 PM



#42
1,2-Dichloroethane
Concen: 16.254 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.8	





#43

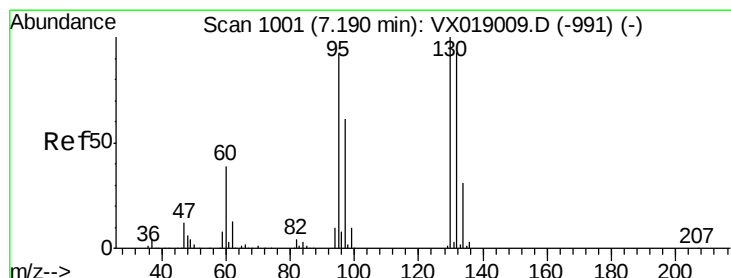
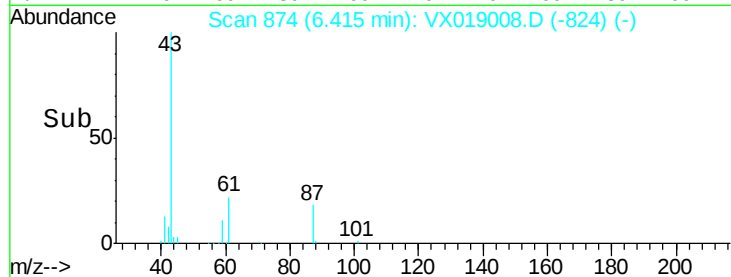
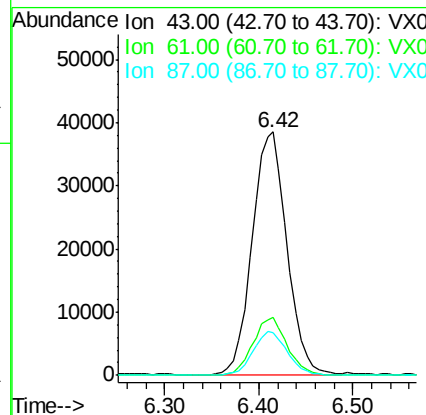
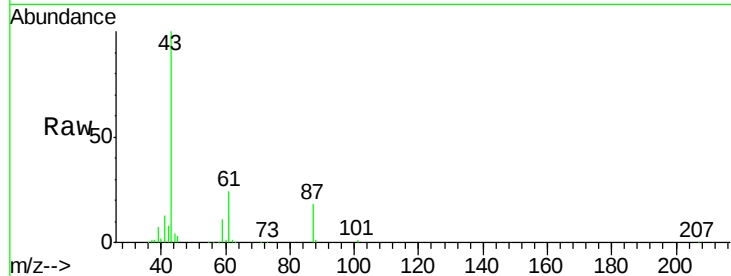
Isopropyl Acetate
 Concen: 14.925 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX019008.D
 Acq: 21 Oct 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.5	18.7	28.1
87	17.8	14.2	21.4

Manual Integrations
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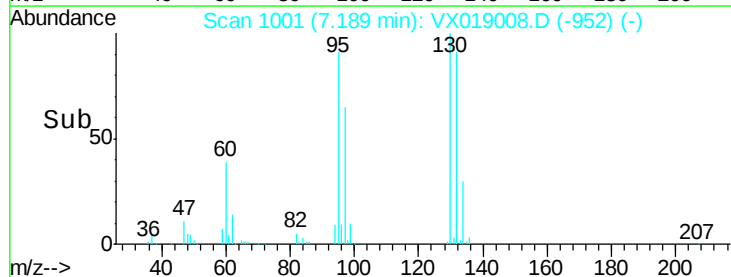
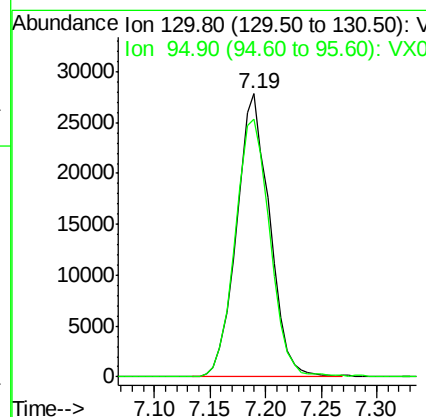
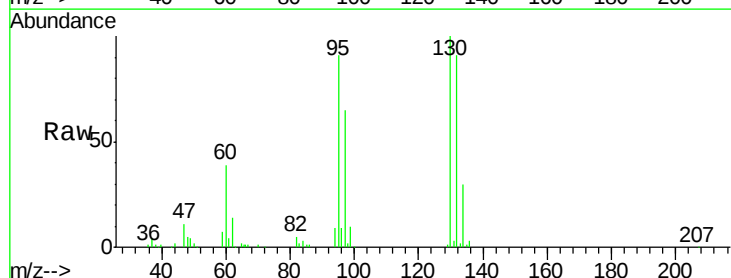
MMDadoda
 10/22/2020 1:21:54 PM

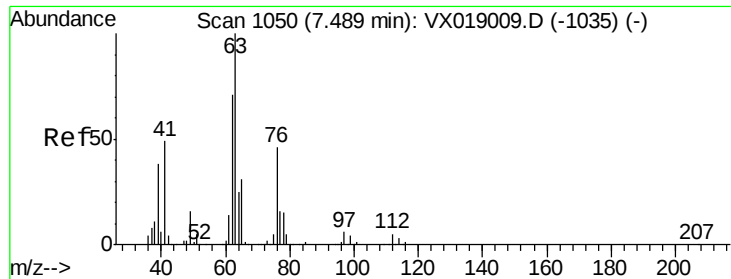


#44

Trichloroethene
 Concen: 17.726 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019008.D
 Acq: 21 Oct 2020 18:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	184.2





#45

1,2-Dichloropropane

Concen: 16.220 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 48770

Ion Ratio Lower Upper

63 100

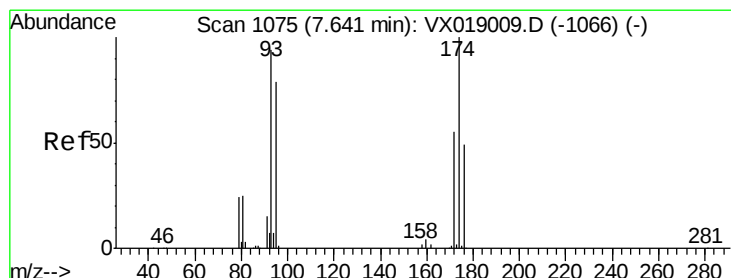
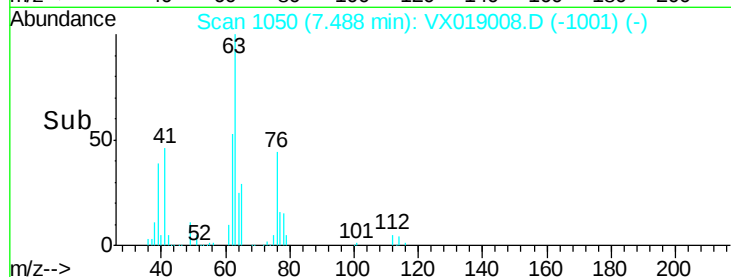
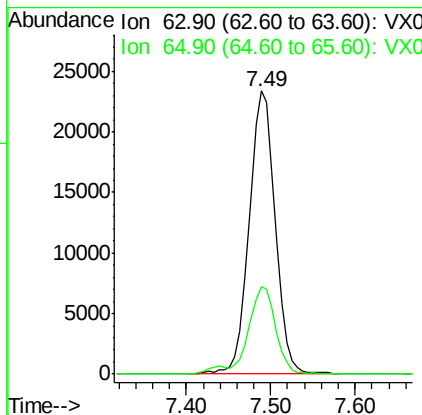
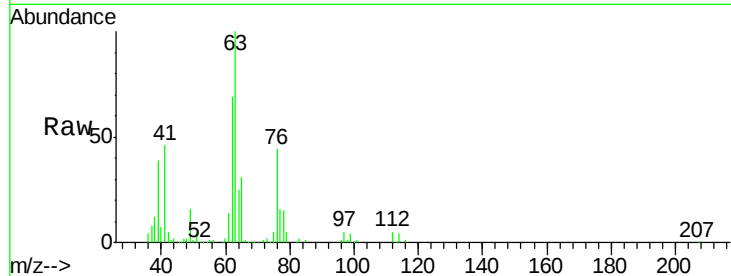
65 30.7 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 17.251 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

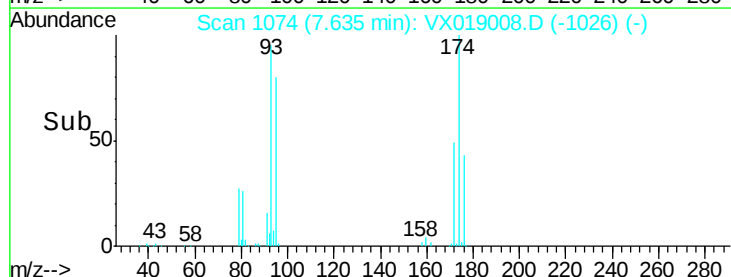
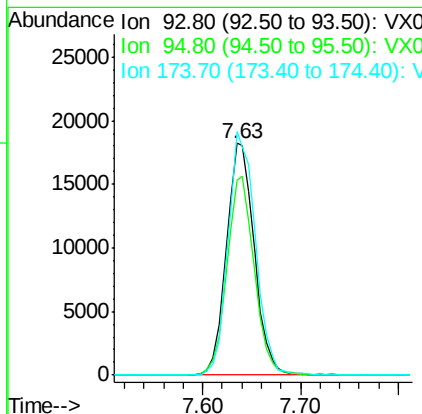
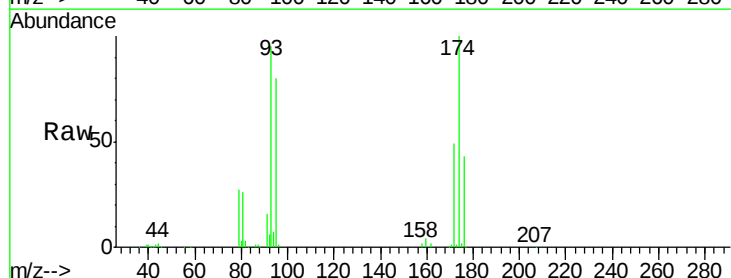
Tgt Ion: 93 Resp: 35984

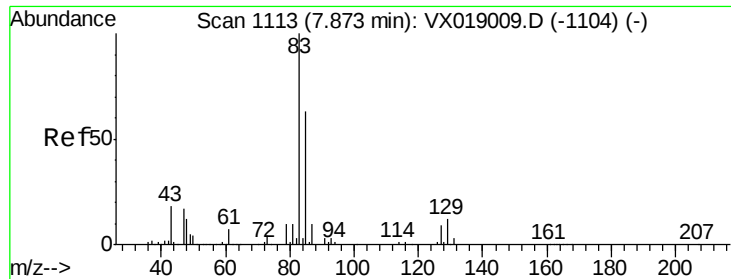
Ion Ratio Lower Upper

93 100

95 83.9 66.8 100.2

174 102.9 83.8 125.8





#47

Bromodichloromethane

Concen: 16.994 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

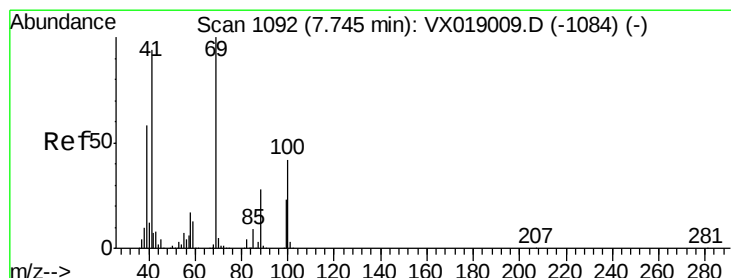
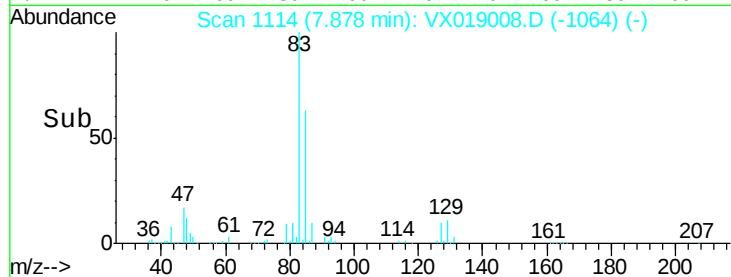
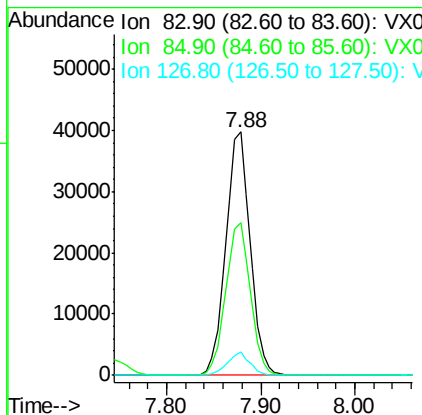
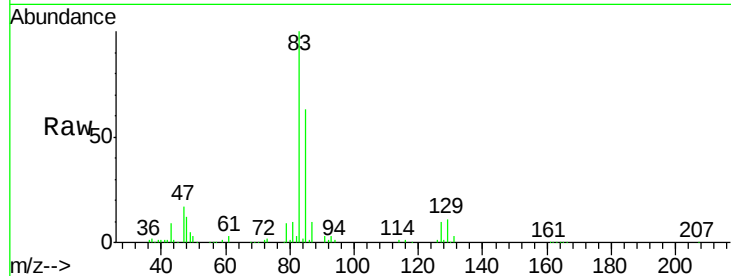
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	71359
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.7	76.1
127	9.6	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 14.641 ug/l

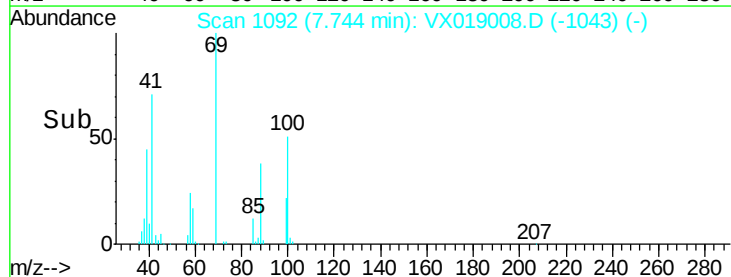
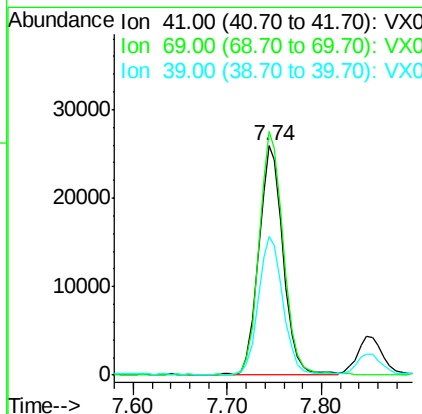
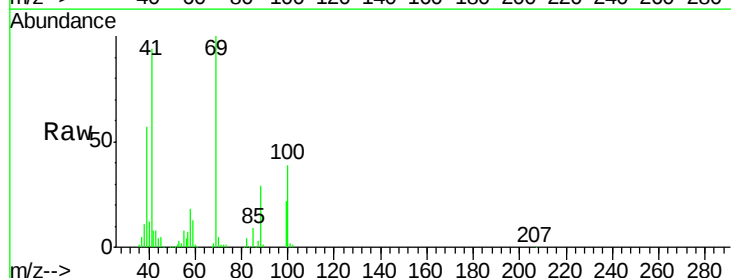
RT: 7.74 min Scan# 1092

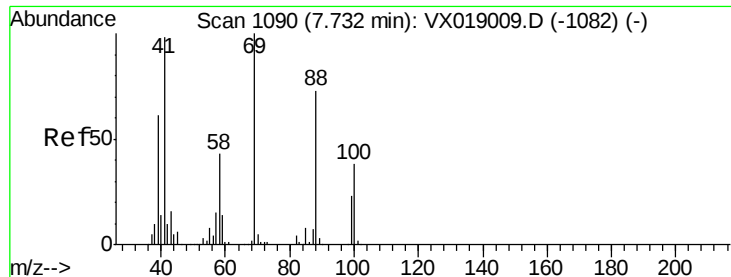
Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Tgt Ion:	41	Resp:	47054
Ion	Ratio	Lower	Upper
41	100		
69	106.2	85.5	128.3
39	60.7	49.3	73.9





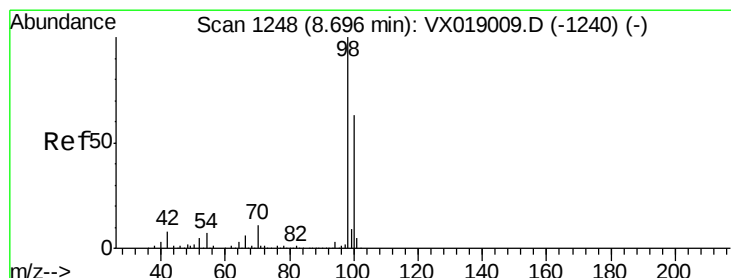
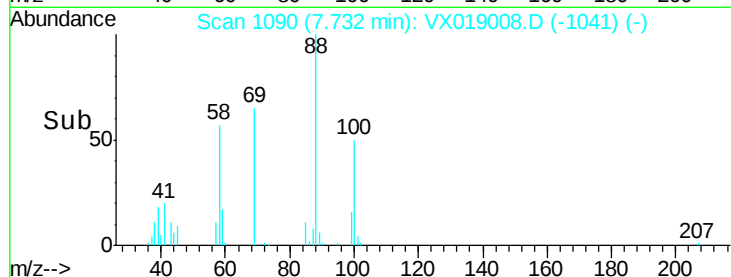
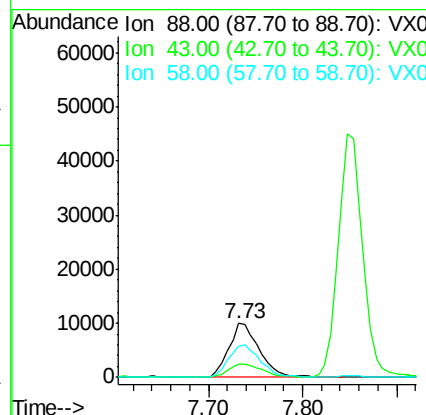
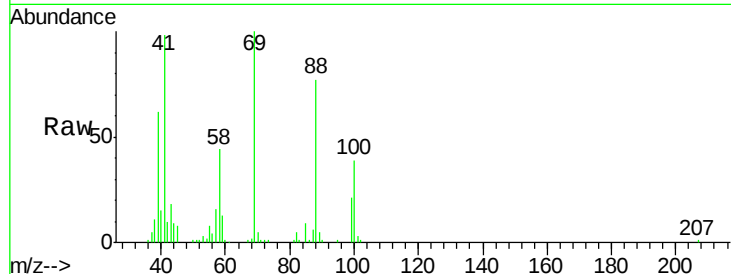
#49
1,4-Dioxane
Concen: 399.572 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.1	20.3	30.5
58	62.2	48.4	72.6

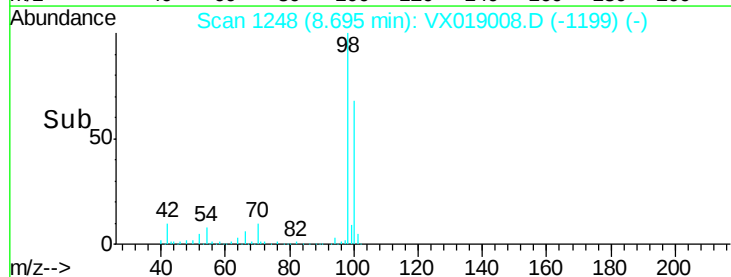
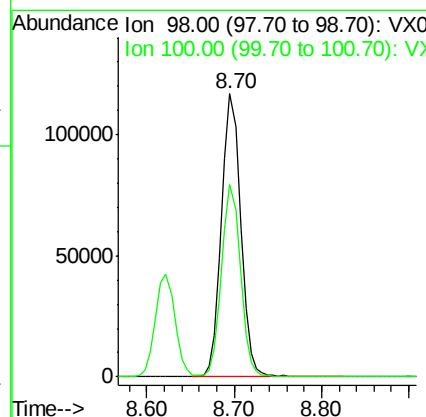
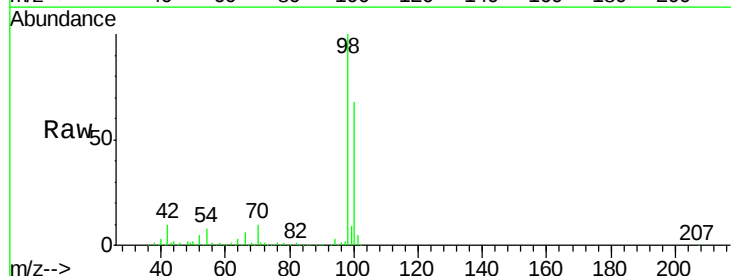
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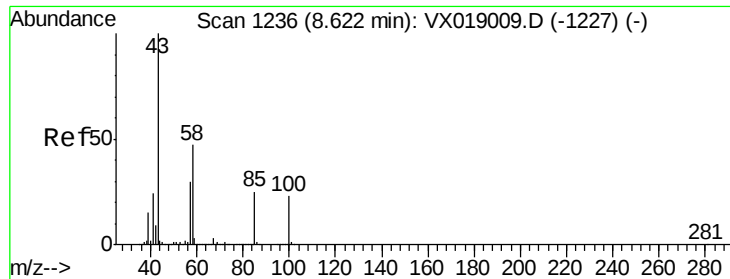
MMDadoda
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#50
Toluene-d8
Concen: 17.820 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.1	78.1





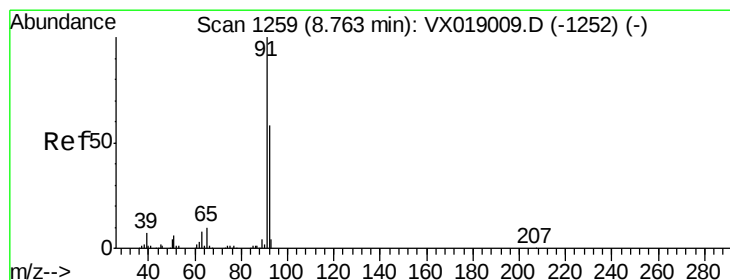
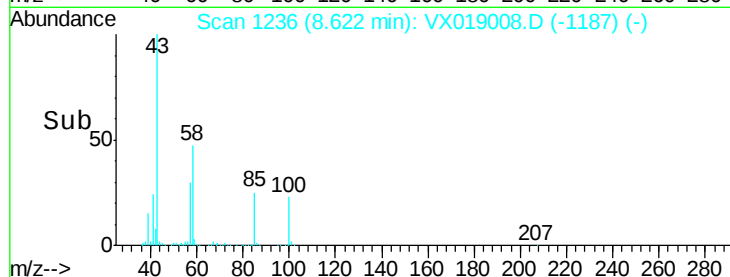
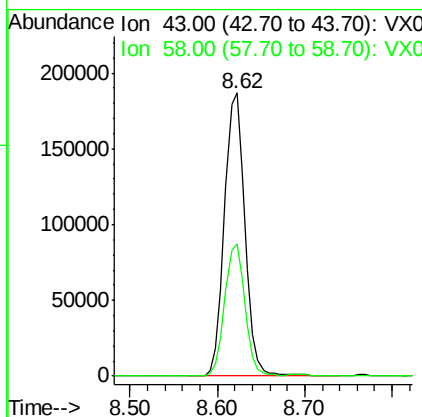
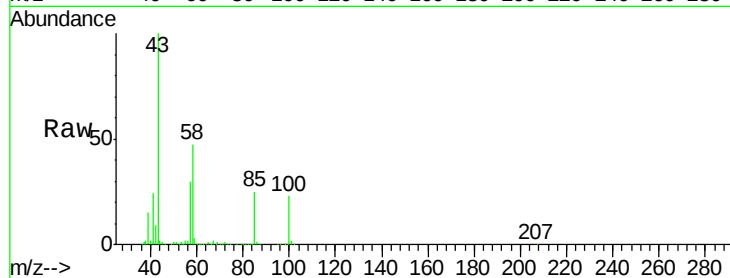
#51
4-Methyl-2-Pentanone
Concen: 76.538 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	46.3	37.4	56.0

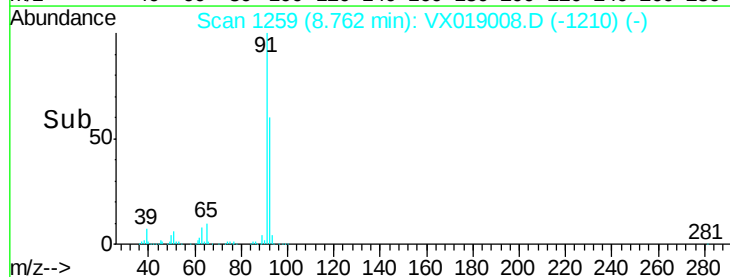
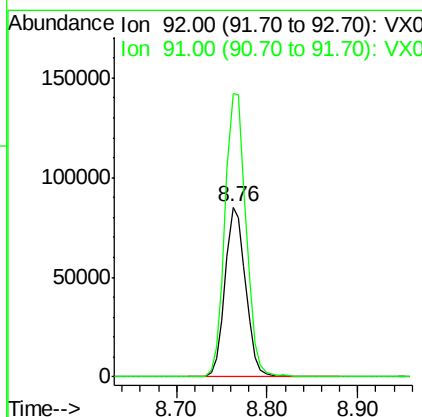
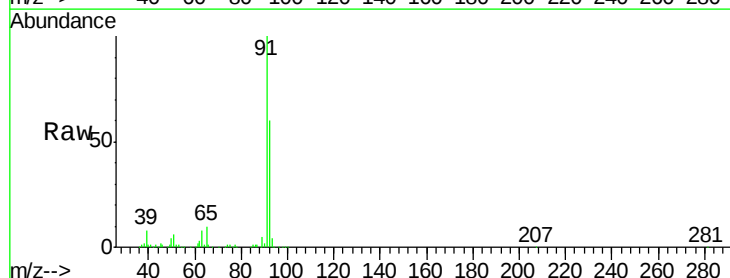
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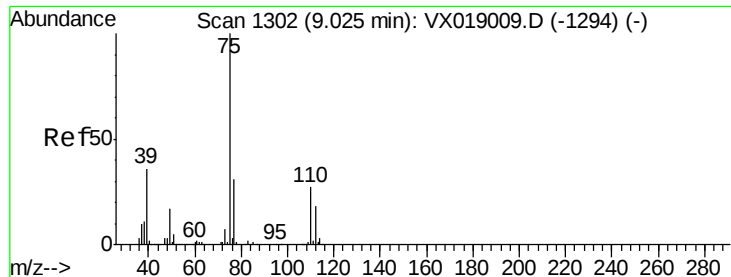
MMDadoda
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#52
Toluene
Concen: 19.005 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.2	138.6	208.0





#53

t-1,3-Dichloropropene

Concen: 16.897 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 75 Resp: 80541

Ion Ratio Lower Upper

75 100

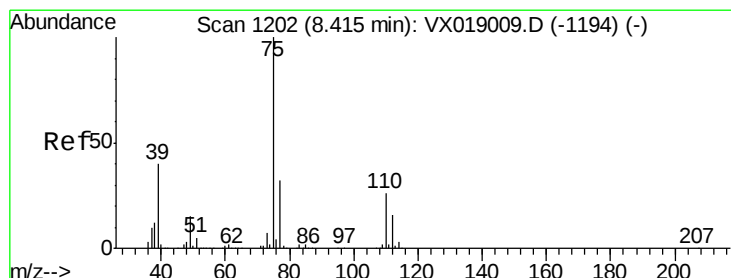
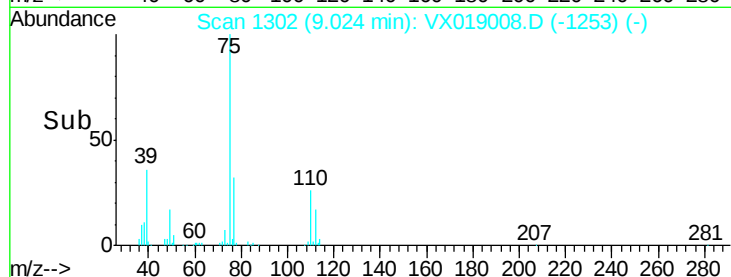
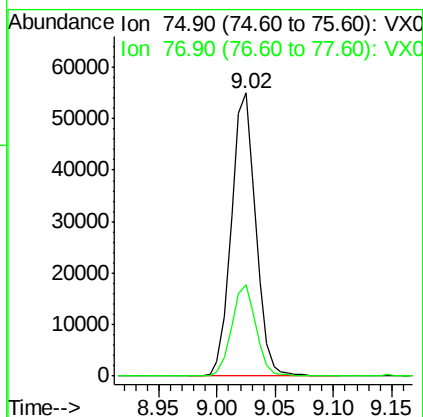
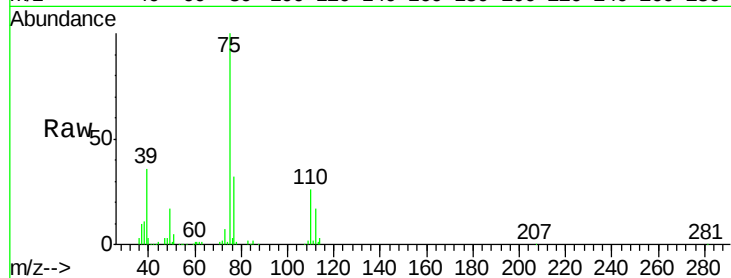
77 32.3 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 17.402 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

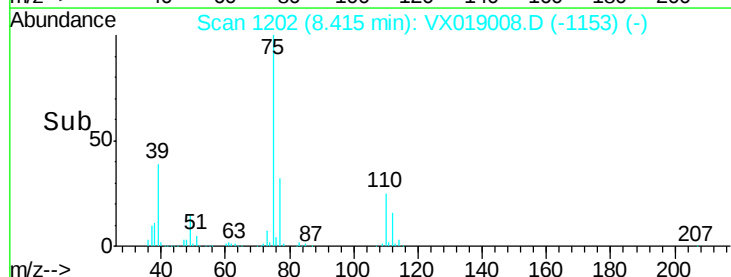
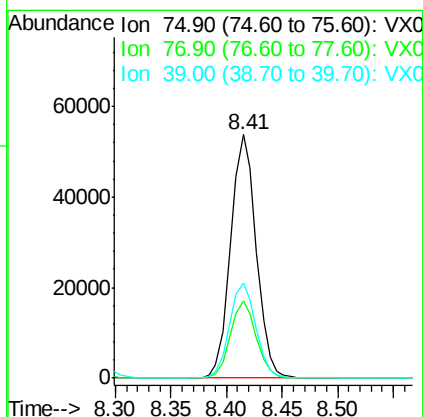
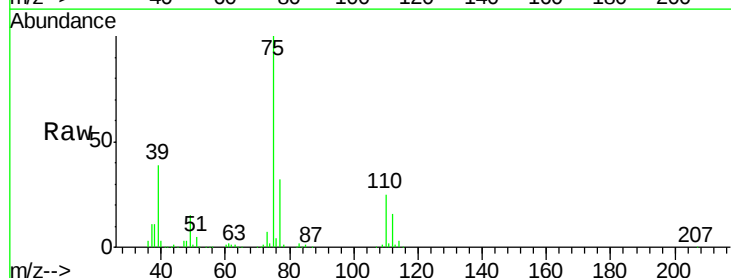
Tgt Ion: 75 Resp: 85552

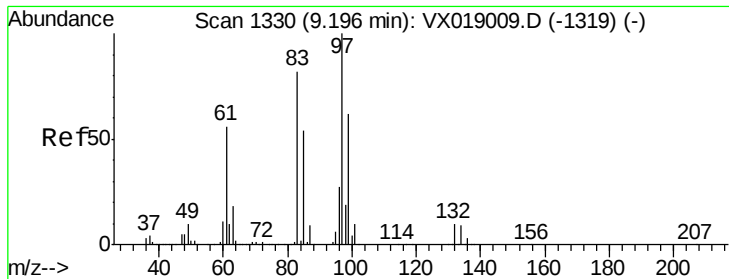
Ion Ratio Lower Upper

75 100

77 31.6 25.9 38.9

39 39.0 31.7 47.5





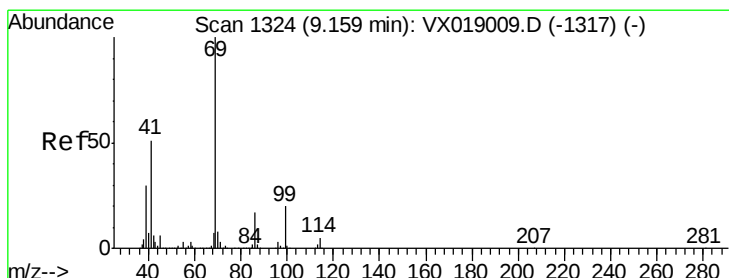
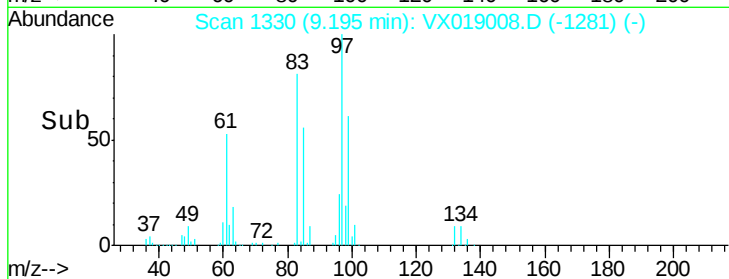
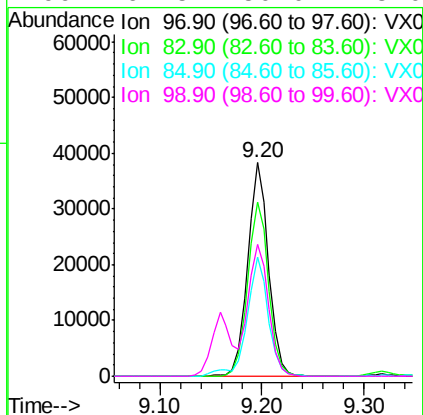
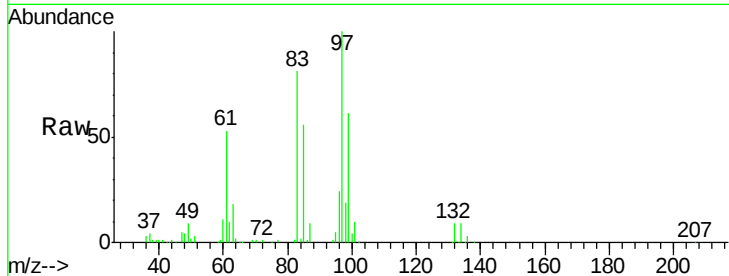
#55
 1,1,2-Trichloroethane
 Concen: 18.647 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019008.D
 Acq: 21 Oct 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	54446
Ion	Ratio	Lower	Upper
97	100		
83	81.4	65.4	98.2
85	55.9	43.3	64.9
99	61.5	50.0	75.0

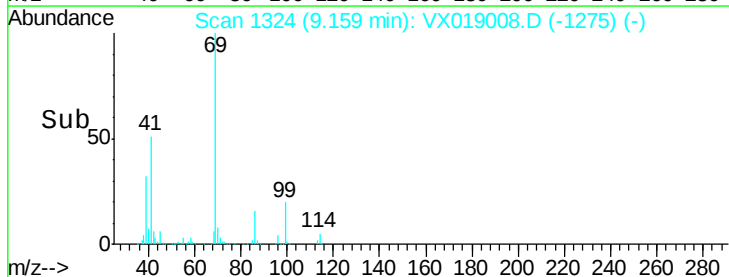
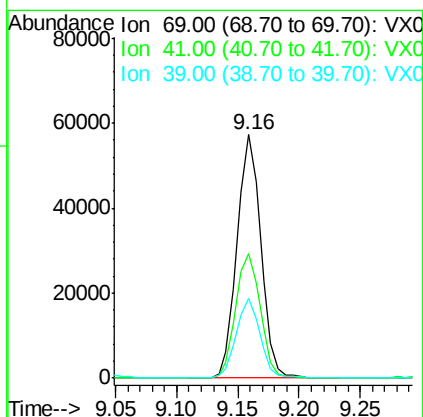
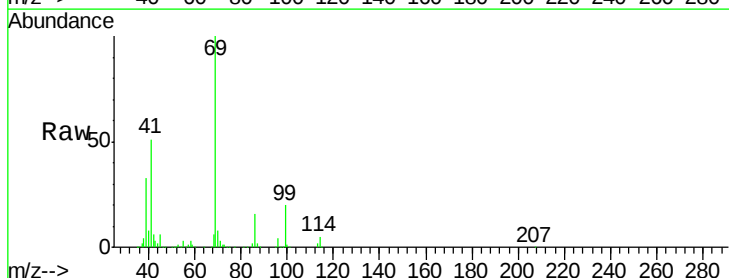
Manual Integrations
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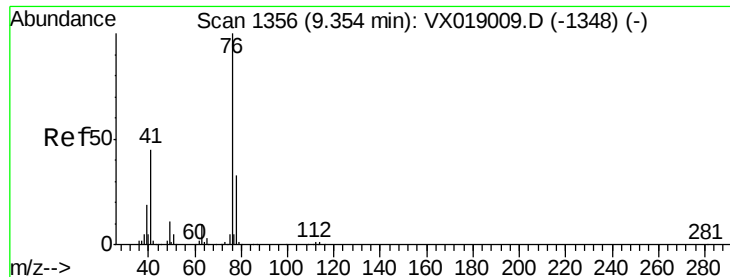
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#56
 Ethyl methacrylate
 Concen: 17.967 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019008.D
 Acq: 21 Oct 2020 18:45

Tgt Ion:	69	Resp:	77215
Ion	Ratio	Lower	Upper
69	100		
41	52.7	41.1	61.7
39	32.3	24.6	37.0





#57

1,3-Dichloropropane

Concen: 17.892 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 87242

Ion Ratio Lower Upper

76 100

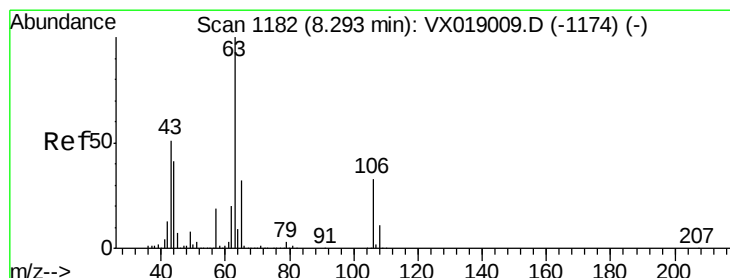
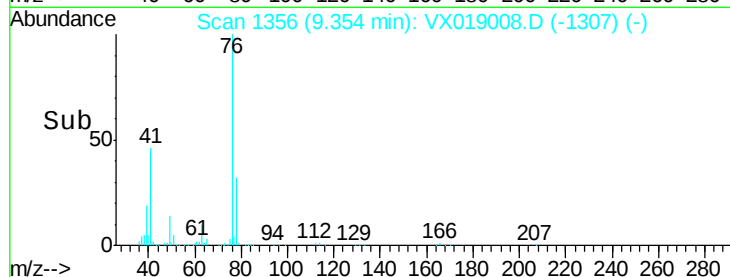
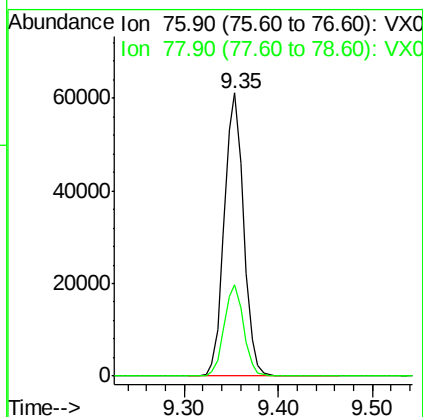
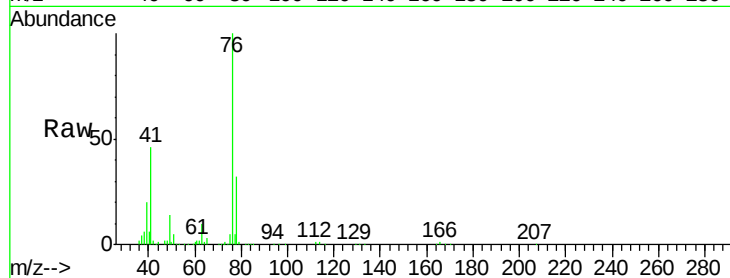
78 32.4 26.2 39.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 90.061 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019008.D

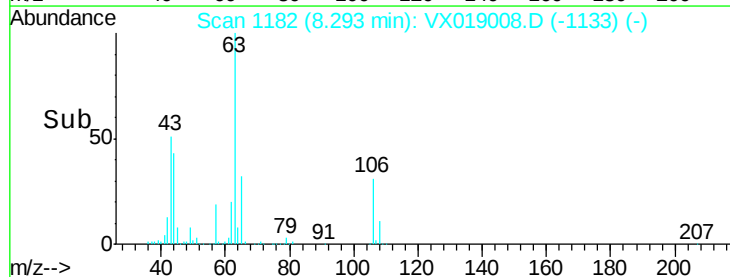
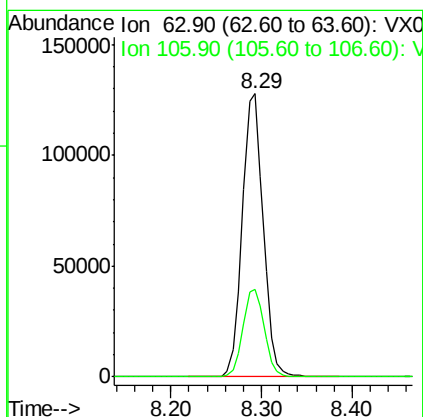
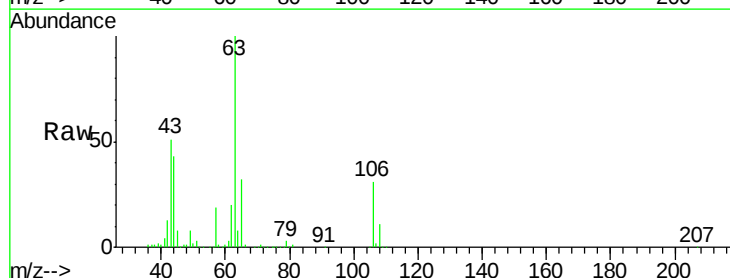
Acq: 21 Oct 2020 18:45

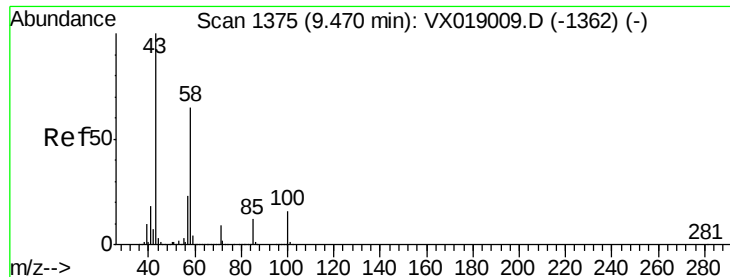
Tgt Ion: 63 Resp: 204823

Ion Ratio Lower Upper

63 100

106 31.5 26.0 39.0





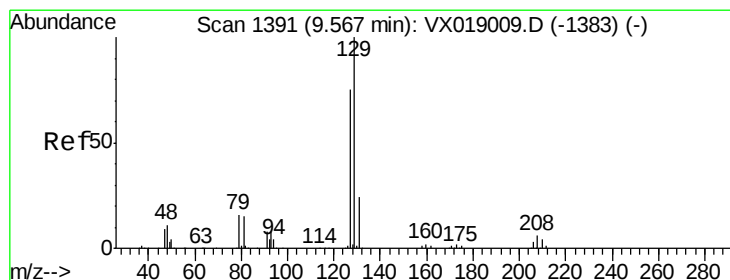
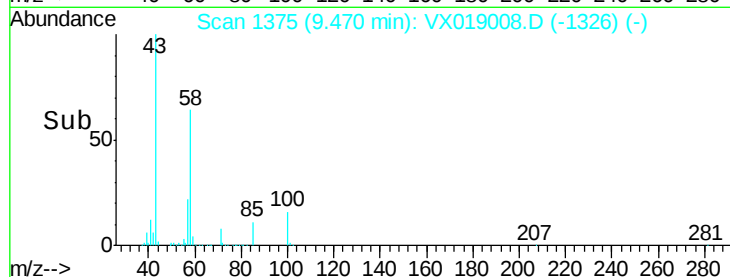
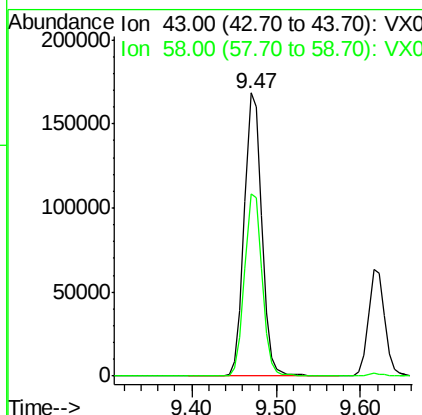
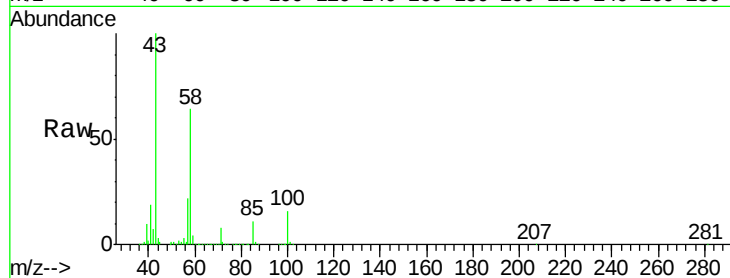
#59
2-Hexanone
Concen: 77.788 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	64.7	32.8	98.4

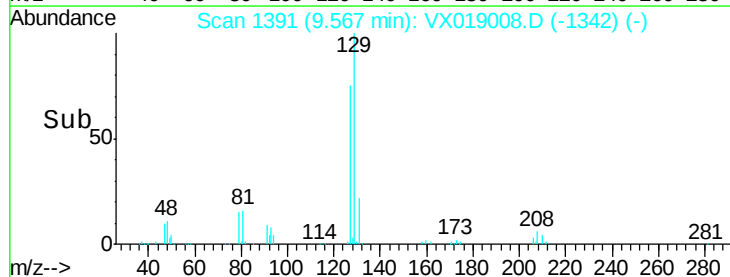
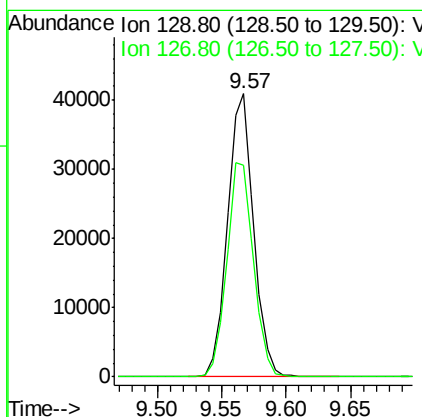
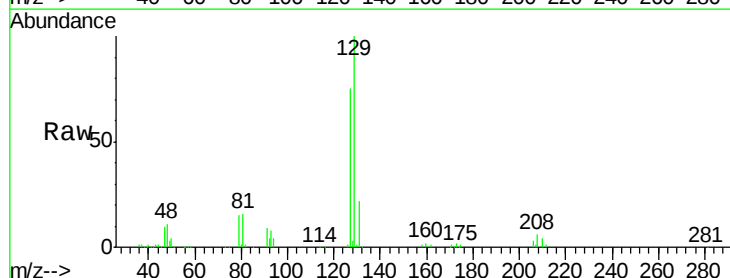
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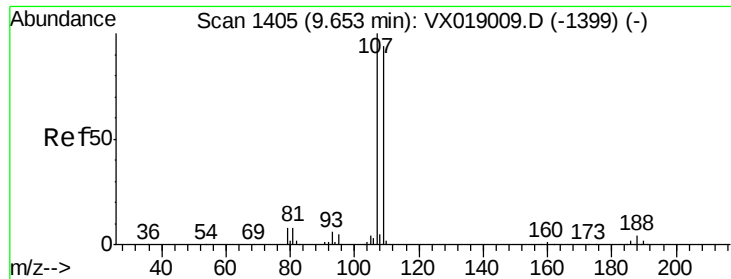
MMDadoda
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#60
Dibromochloromethane
Concen: 16.835 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.6	115.7





#61

1,2-Dibromoethane

Concen: 18.477 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:107 Resp: 57402

Ion Ratio Lower Upper

107 100

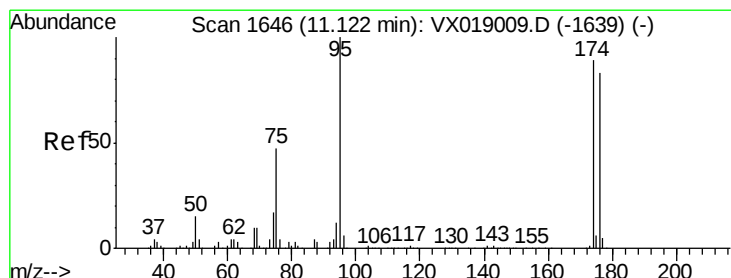
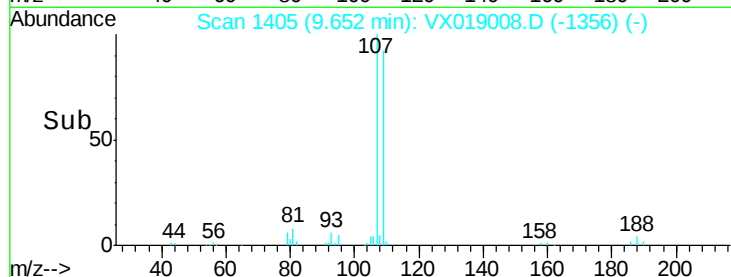
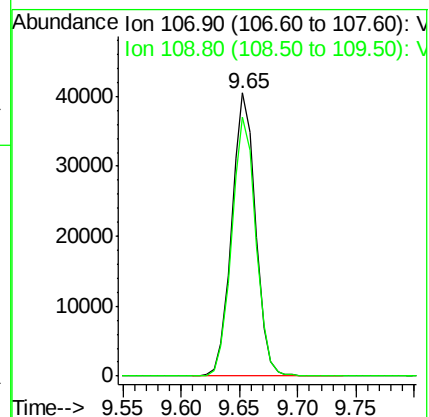
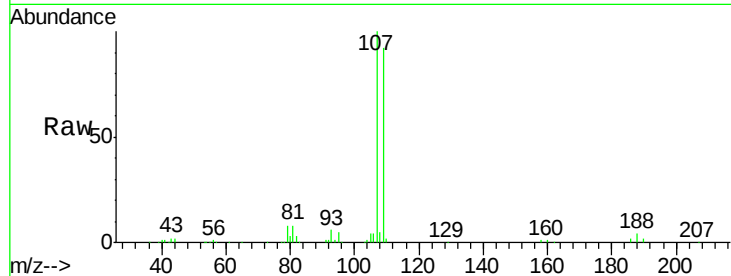
109 92.9 75.0 112.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 16.426 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

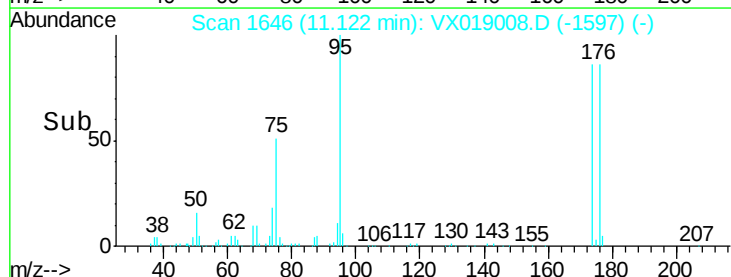
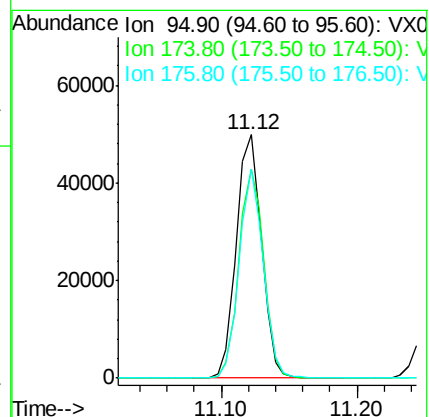
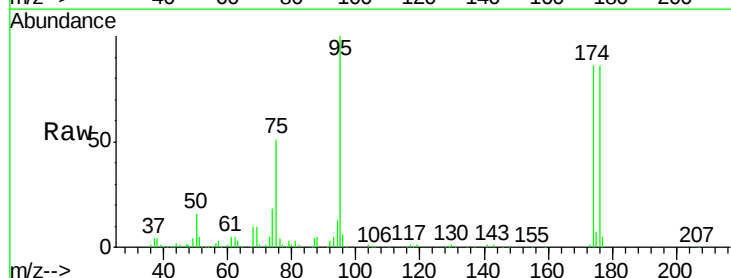
Tgt Ion: 95 Resp: 64624

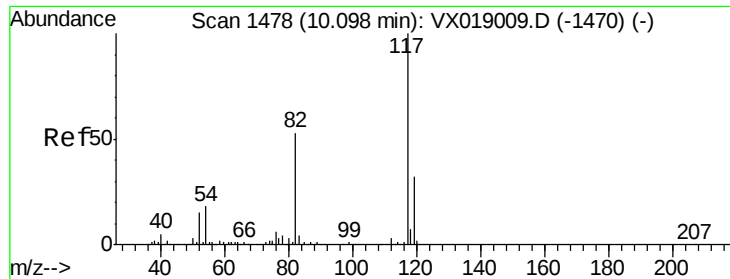
Ion Ratio Lower Upper

95 100

174 84.6 0.0 167.6

176 81.3 0.0 165.2





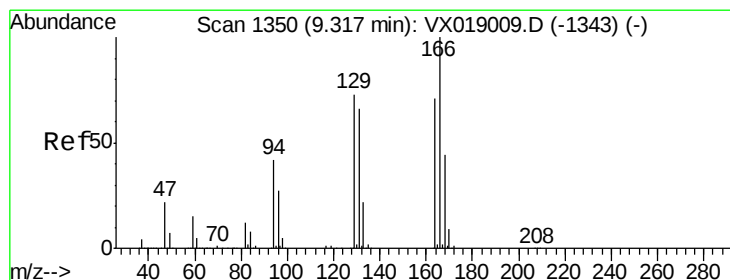
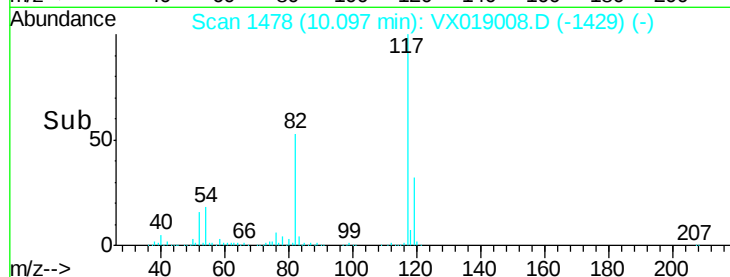
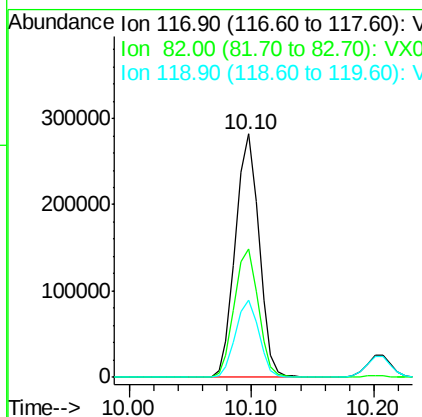
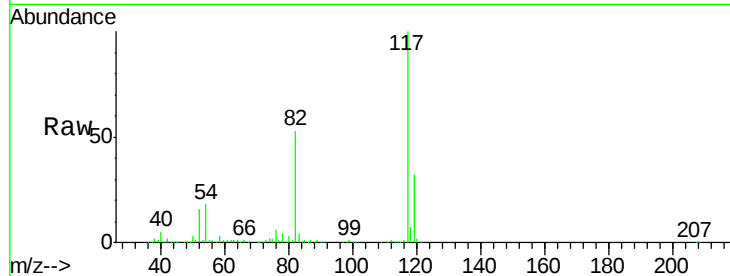
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	377862		
82	52.8		42.4	63.6
119	32.0		25.6	38.4

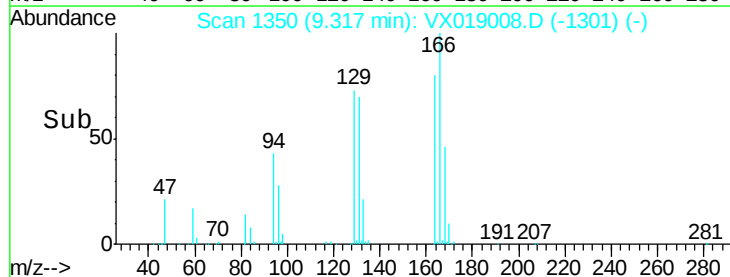
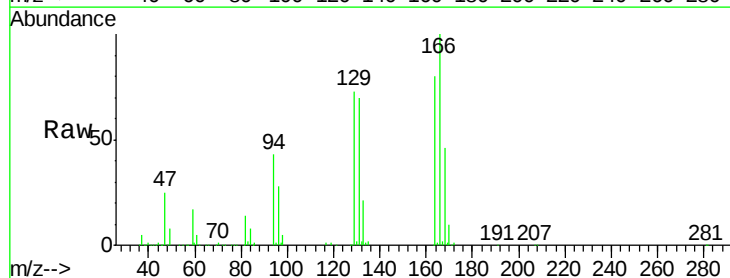
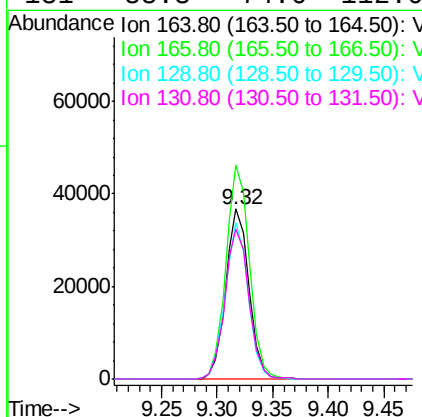
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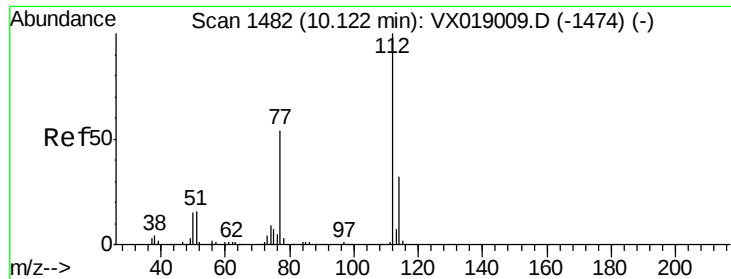
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#64
Tetrachloroethene
Concen: 17.944 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	52875		
166	125.7		112.2	168.4
129	92.2		81.8	122.8
131	88.3		74.6	112.0





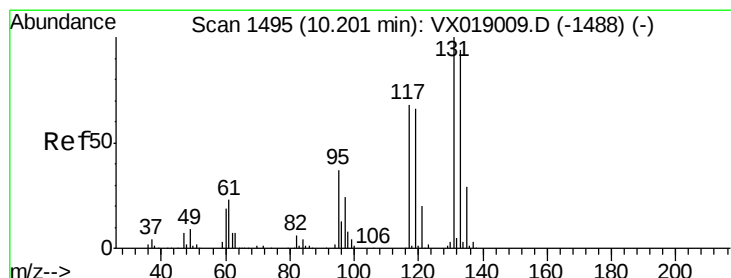
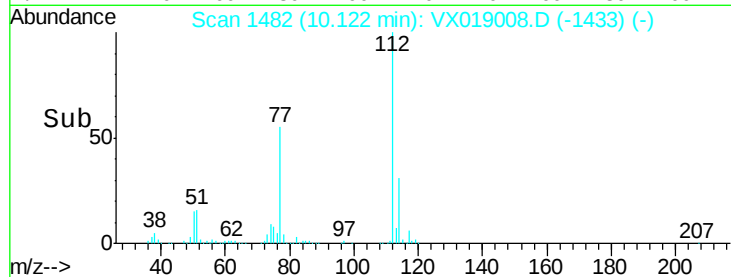
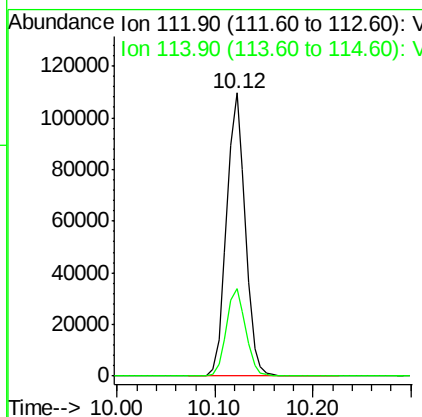
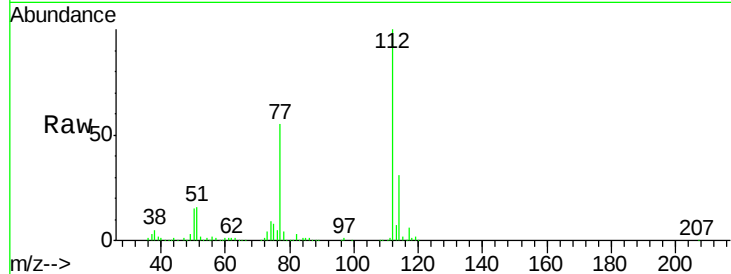
#65
Chlorobenzene
Concen: 18.688 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:112 Resp: 145902
Ion Ratio Lower Upper
112 100
114 30.9 25.5 38.3

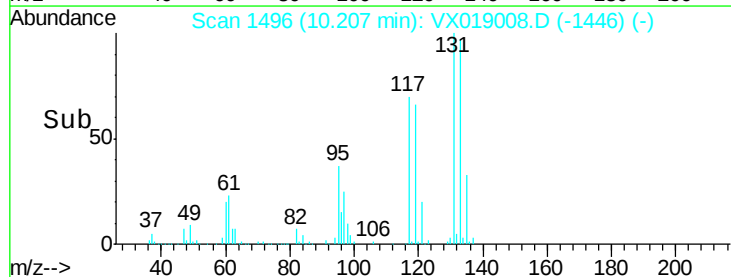
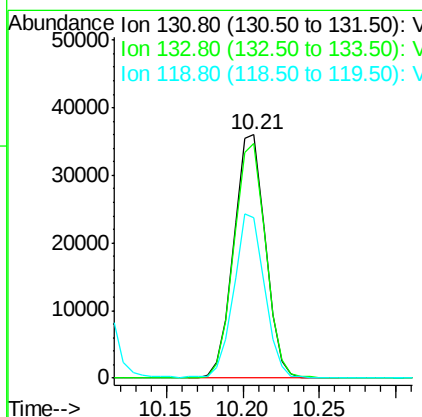
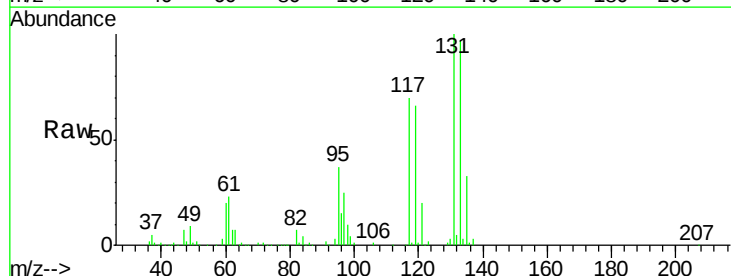
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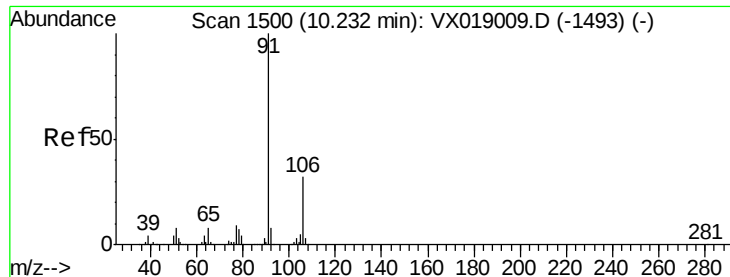
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 16.741 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion:131 Resp: 51735
Ion Ratio Lower Upper
131 100
133 96.8 47.0 141.2
119 65.5 32.9 98.7





#67

Ethyl Benzene

Concen: 18.989 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 255289

Ion Ratio Lower Upper

91 100

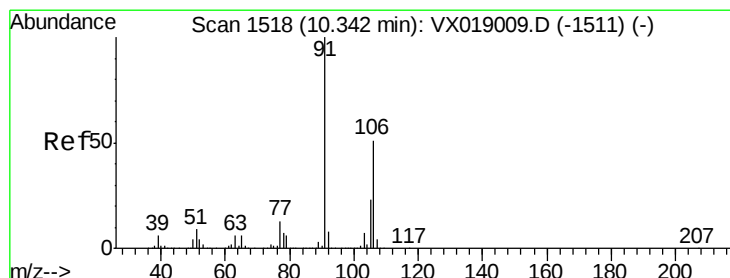
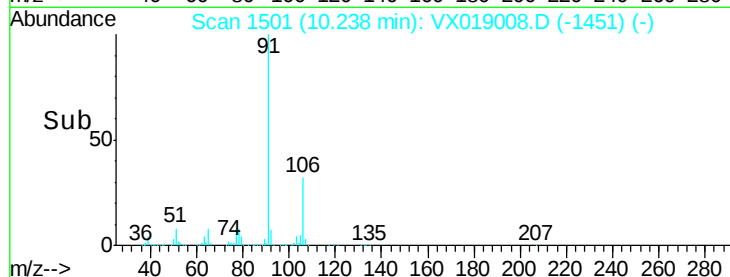
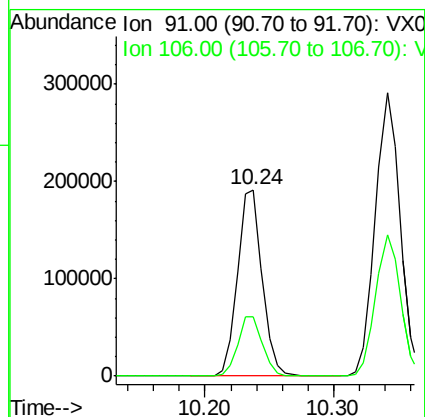
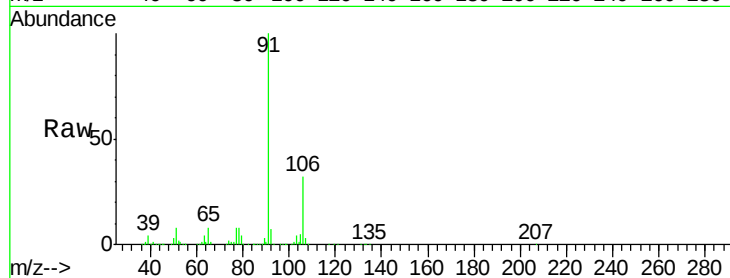
106 32.1 25.3 37.9

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#68

m/p-Xylenes

Concen: 38.027 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019008.D

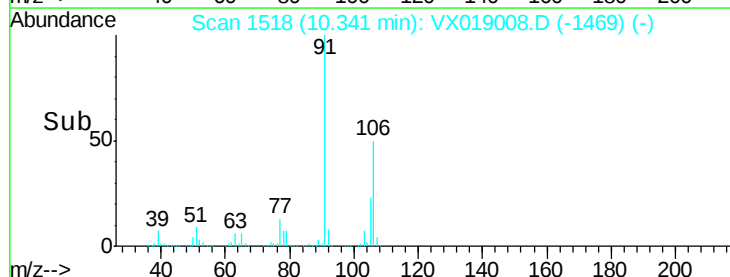
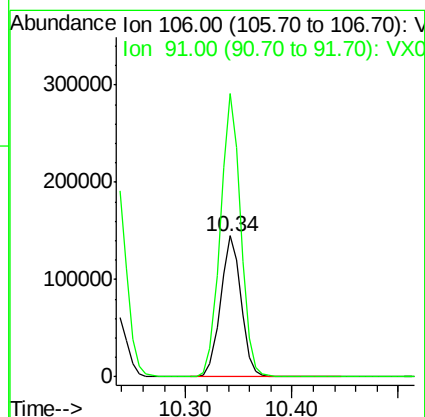
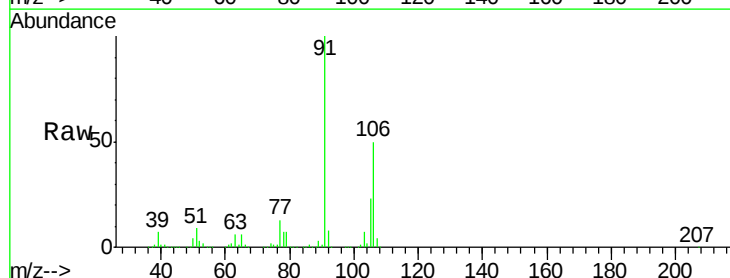
Acq: 21 Oct 2020 18:45

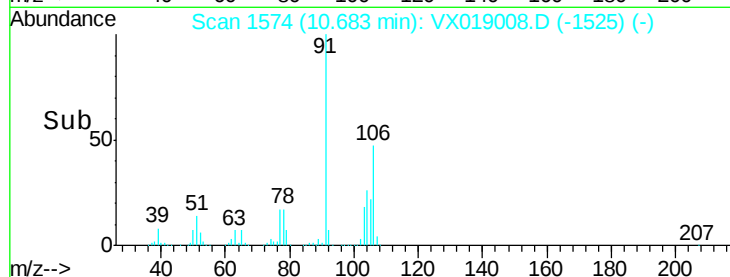
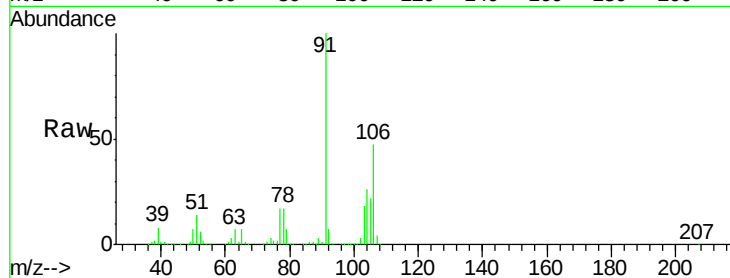
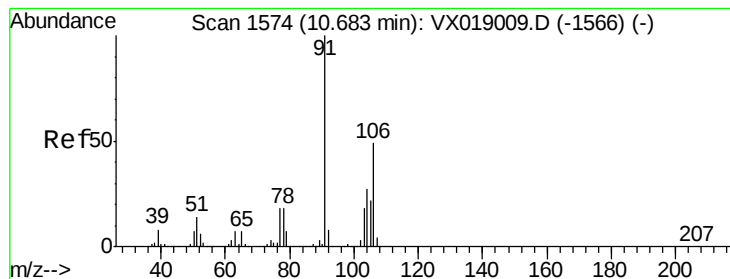
Tgt Ion: 106 Resp: 194845

Ion Ratio Lower Upper

106 100

91 198.4 156.9 235.3





#69

o-Xylene

Concen: 19.180 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Tot Ion:106 Resp: 92980

Ion Ratio Lower Upper

106 100

91 209.0 104.0 312.0

Instrument :

MSVOA_X

ClientSampleId :

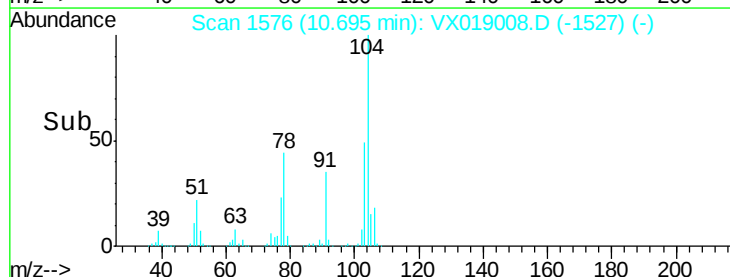
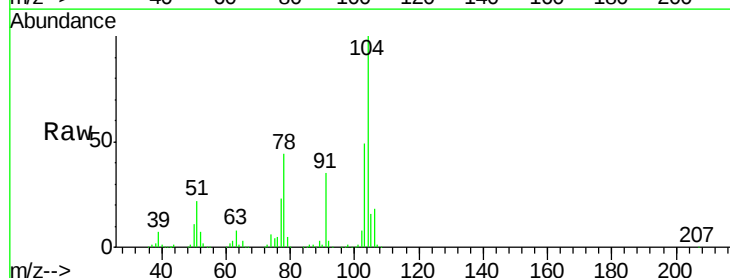
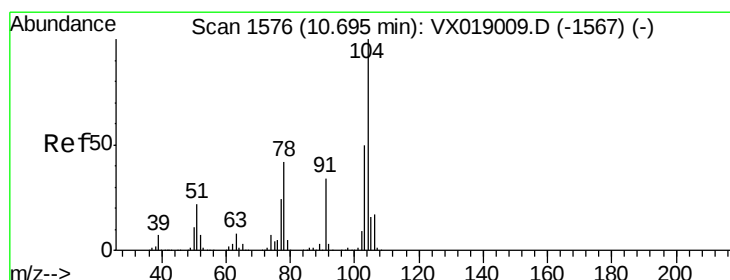
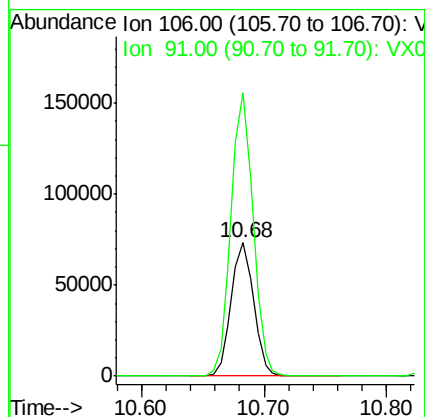
VSTDIC020

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#70

Styrene

Concen: 19.149 ug/l

RT: 10.69 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

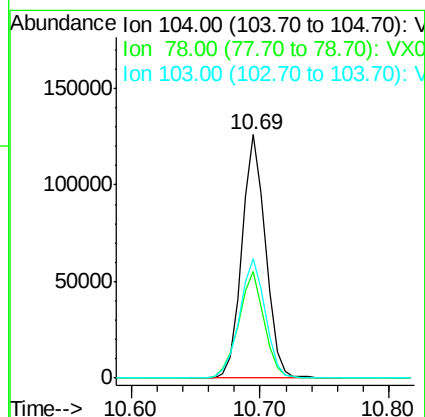
Tgt Ion:104 Resp: 159188

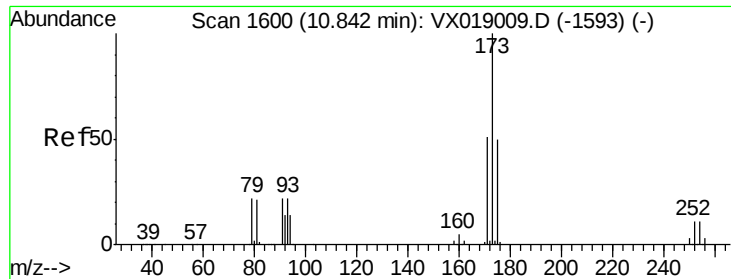
Ion Ratio Lower Upper

104 100

78 47.9 37.7 56.5

103 54.1 43.5 65.3





#71

Bromoform

Concen: 16.278 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:173 Resp: 41816

Ion Ratio Lower Upper

173 100

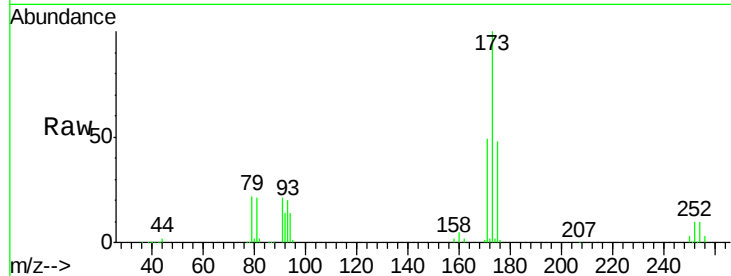
175 48.5 24.1 72.4

254 0.0 0.1 0.1#

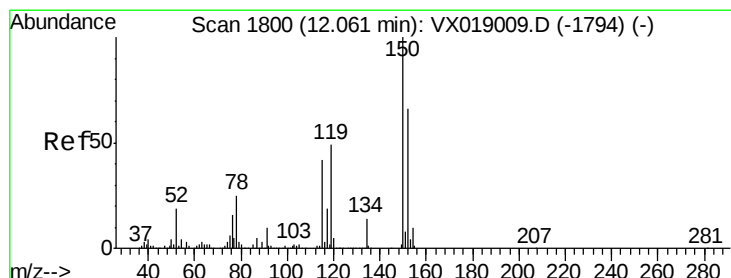
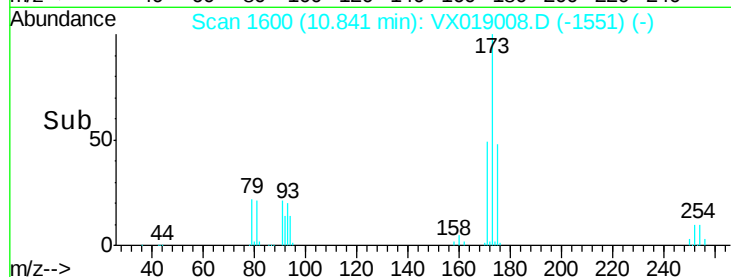
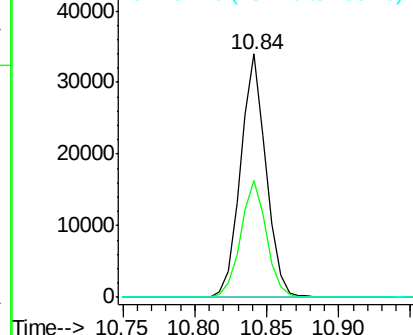
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

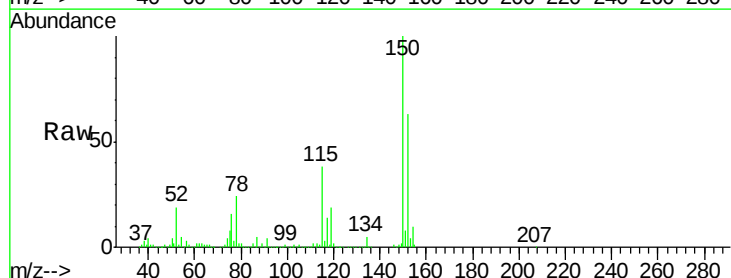
Tgt Ion:152 Resp: 193716

Ion Ratio Lower Upper

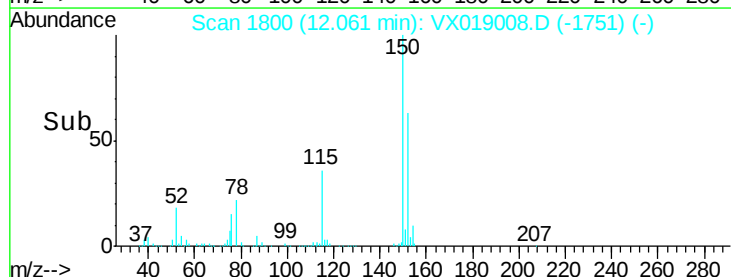
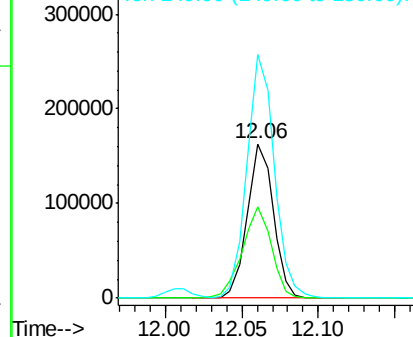
152 100

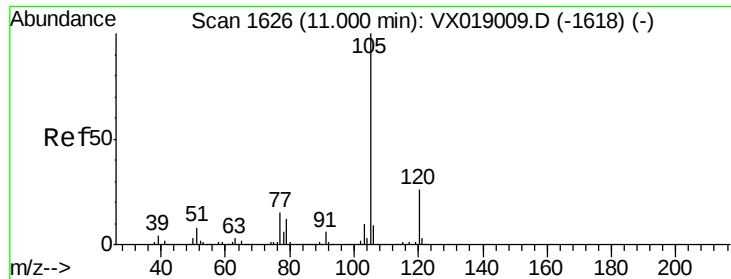
115 65.6 40.8 122.5

150 165.3 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.425 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 254744

Ion Ratio Lower Upper

105 100

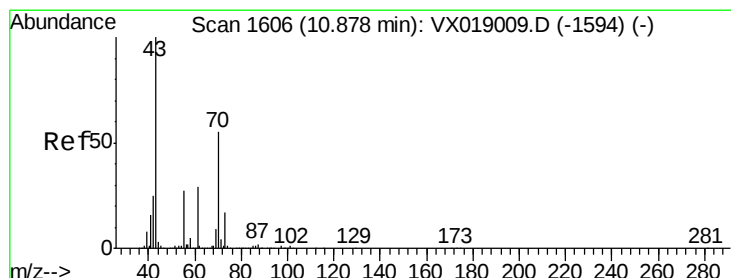
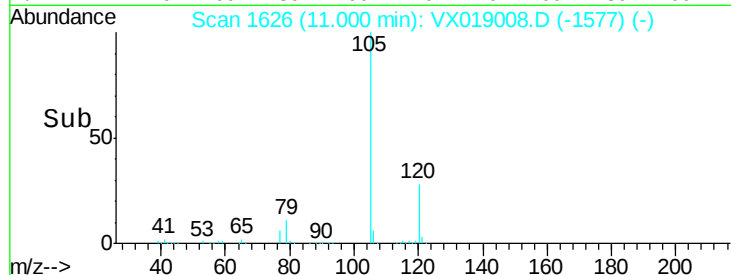
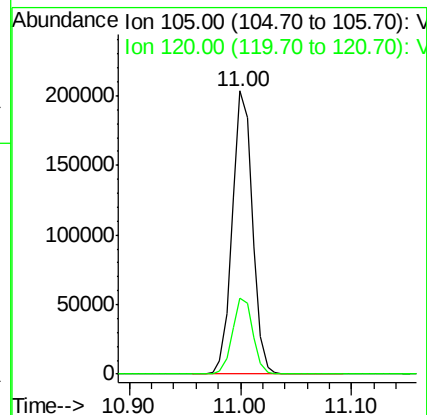
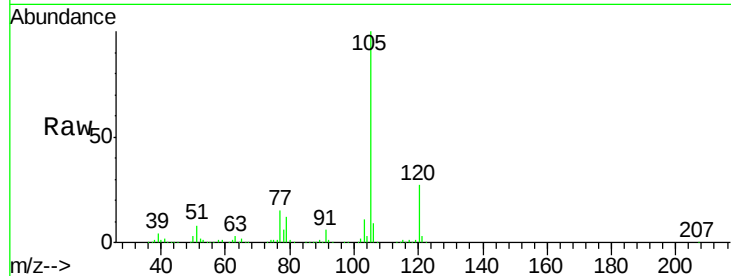
120 27.0 13.4 40.1

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#74

N-ethyl acetate

Concen: 14.789 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Tgt Ion: 43 Resp: 82730

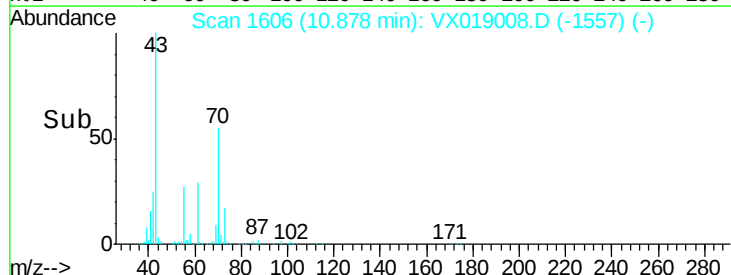
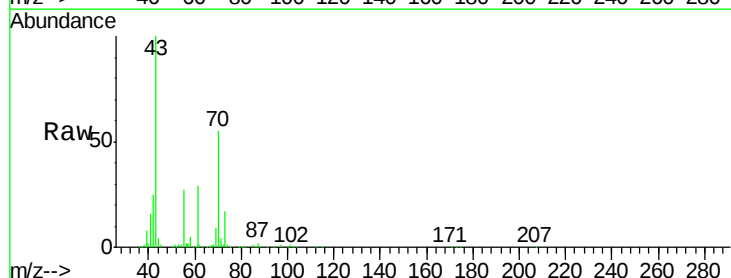
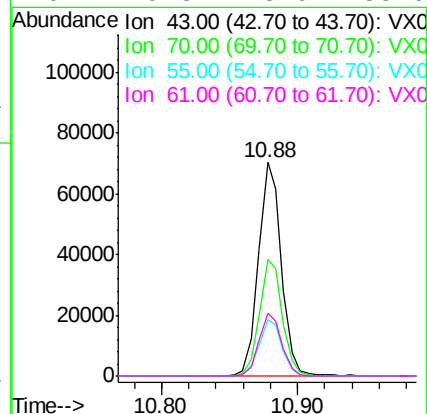
Ion Ratio Lower Upper

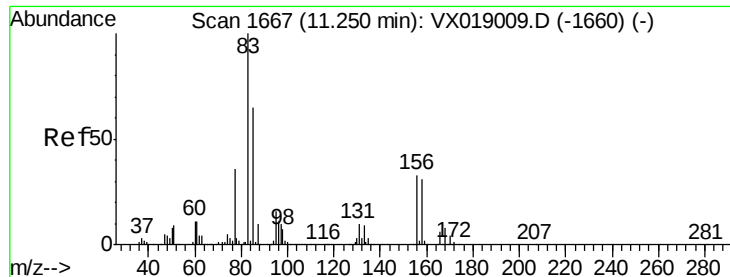
43 100

70 54.9 44.5 66.7

55 27.1 21.9 32.9

61 29.3 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.671 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 83 Resp: 80086

Ion Ratio Lower Upper

83 100

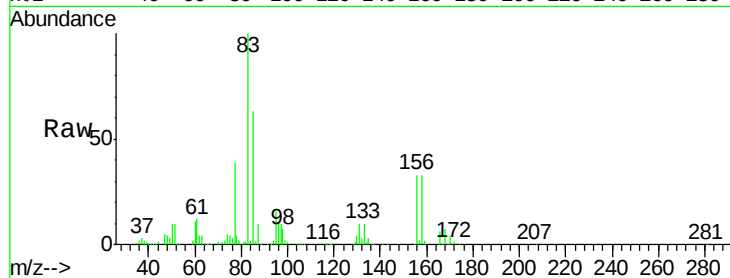
131 10.1 5.1 15.4

85 63.8 32.3 96.8

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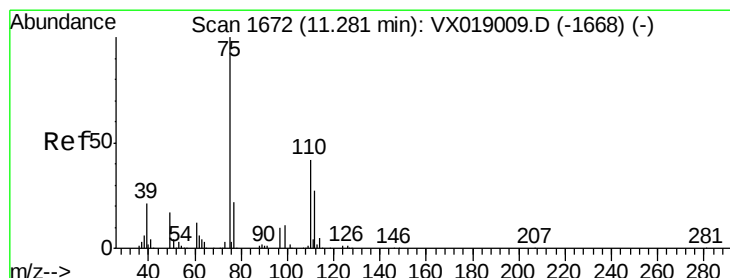
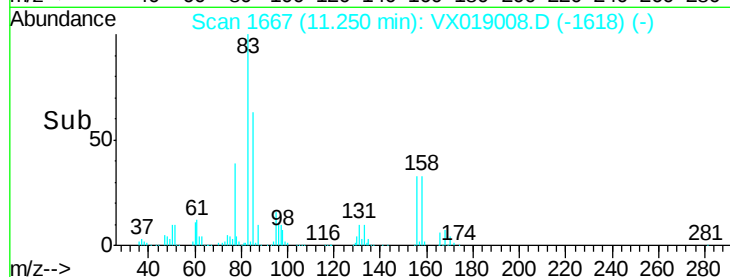
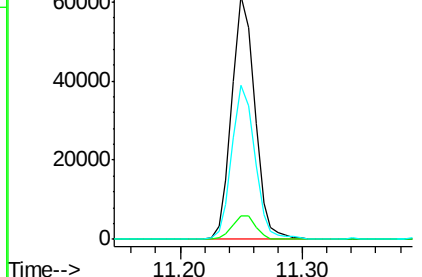
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 18.063 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019008.D

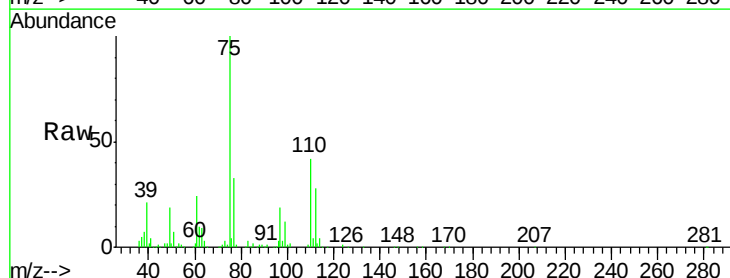
Acq: 21 Oct 2020 18:45

Tgt Ion: 75 Resp: 73066

Ion Ratio Lower Upper

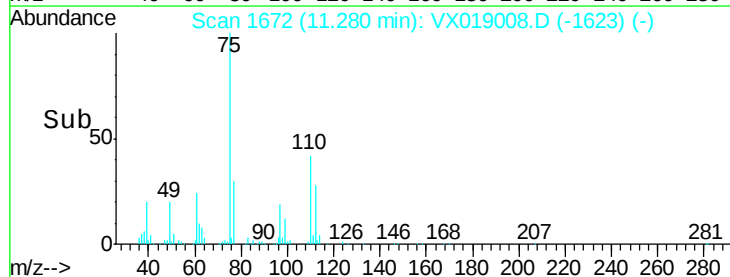
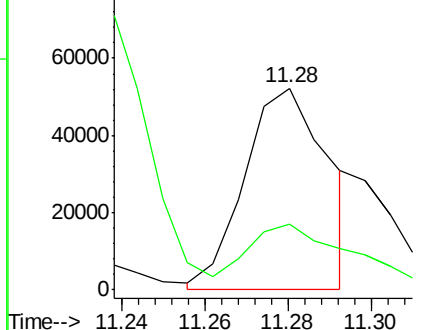
75 100

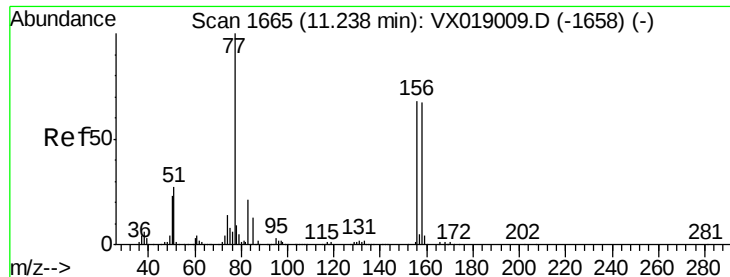
77 41.6 20.7 62.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.932 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

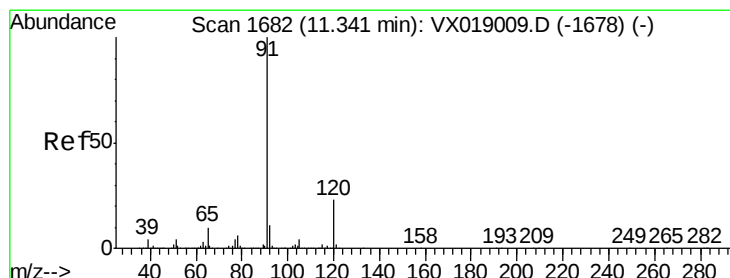
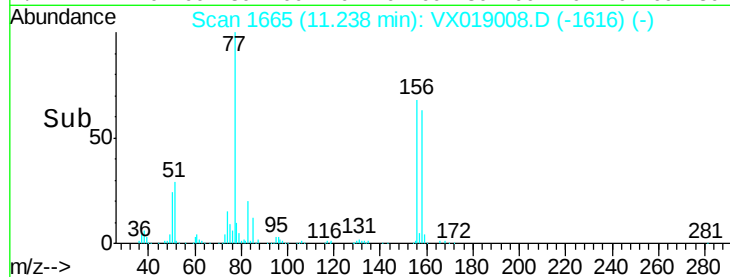
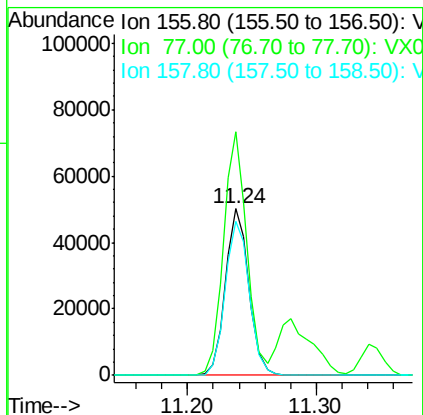
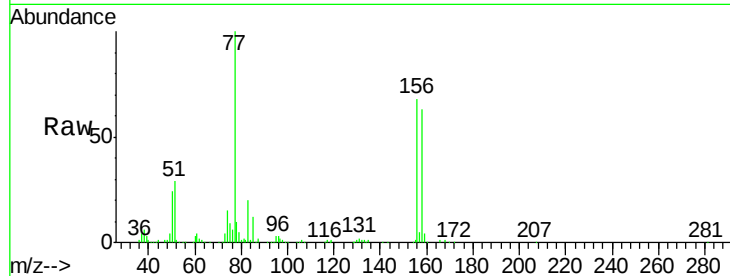
ClientSampleId :

VSTDIC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	145.7	74.4	223.1
158	95.0	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 18.681 ug/l

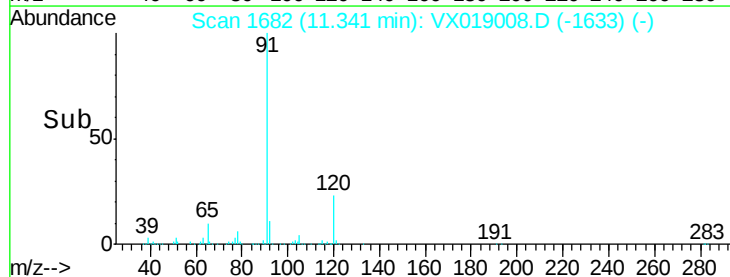
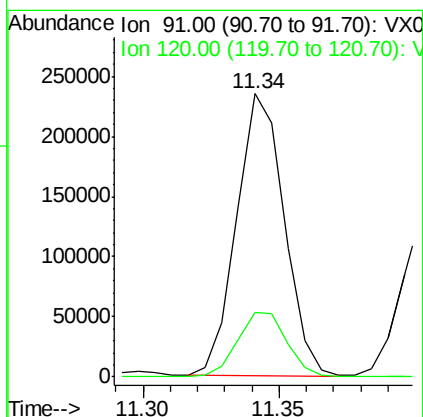
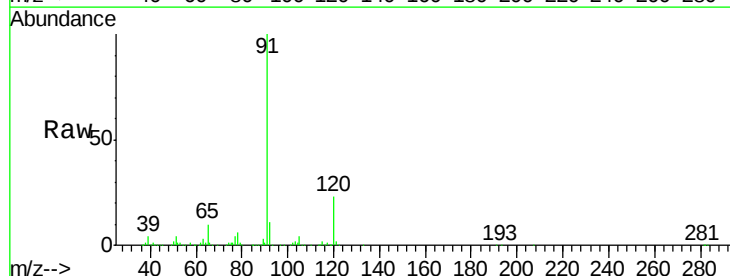
RT: 11.34 min Scan# 1682

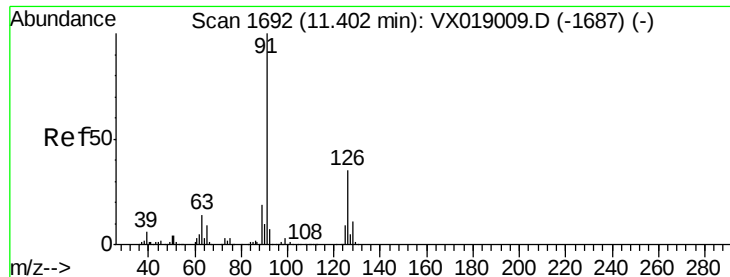
Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.1	36.3





#79

2-Chlorotoluene

Concen: 18.222 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 167218

Ion Ratio Lower Upper

91 100

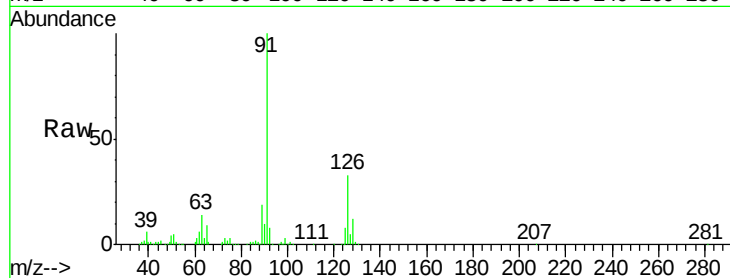
126 34.3 17.5 52.5

Manual Integrations

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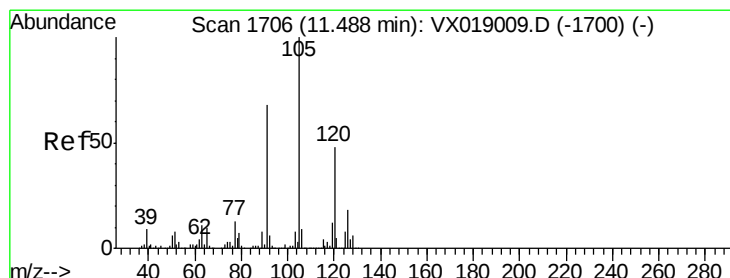
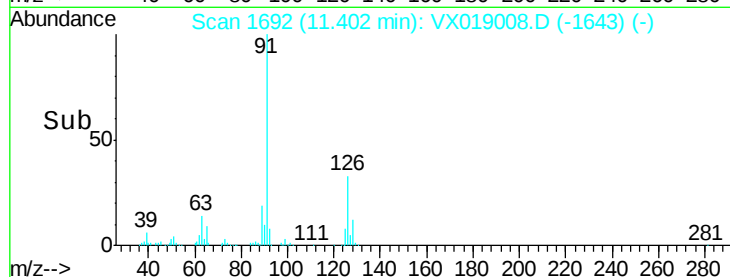
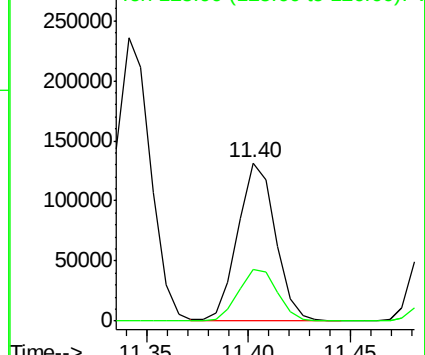
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Abundance Ion 91.00 (90.70 to 91.70): VX019009.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019009.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.818 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019008.D

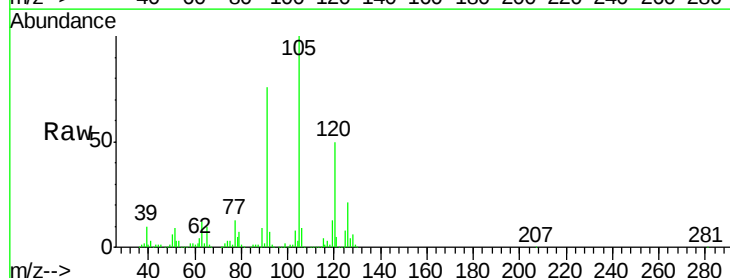
Acq: 21 Oct 2020 18:45

Tgt Ion: 105 Resp: 209558

Ion Ratio Lower Upper

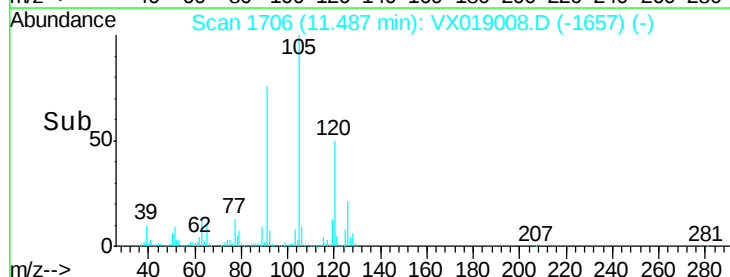
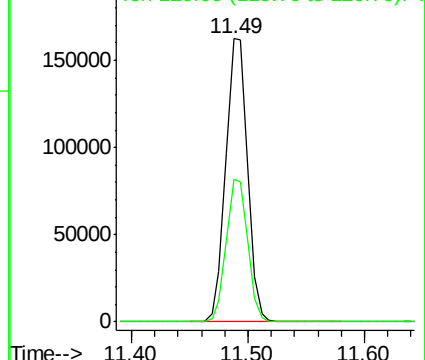
105 100

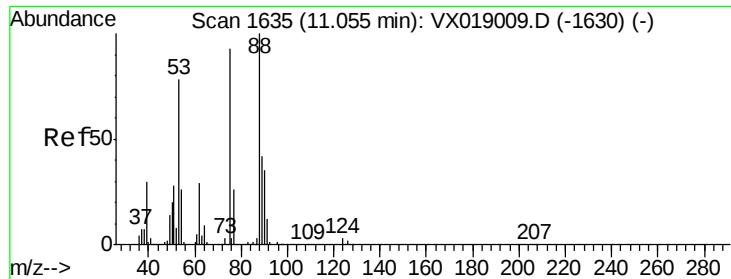
120 49.8 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX019009.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019009.D (-1700) (-)





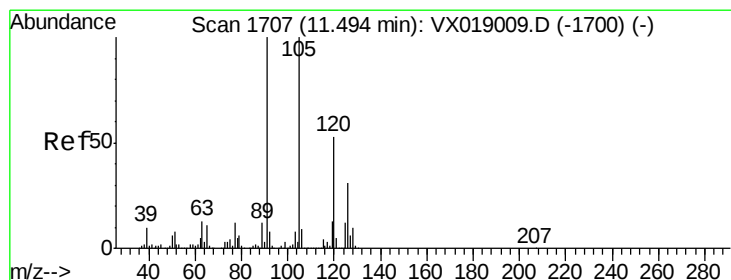
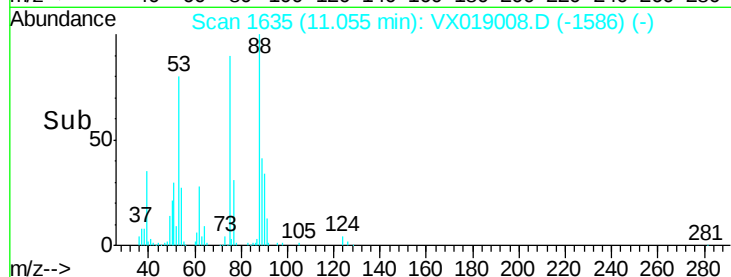
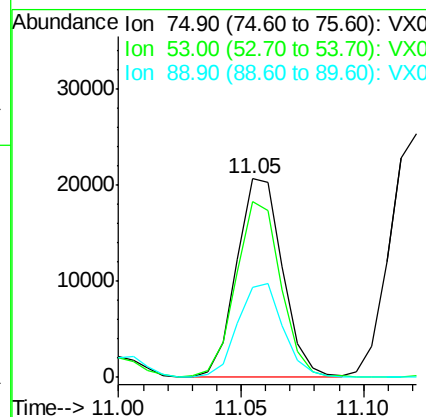
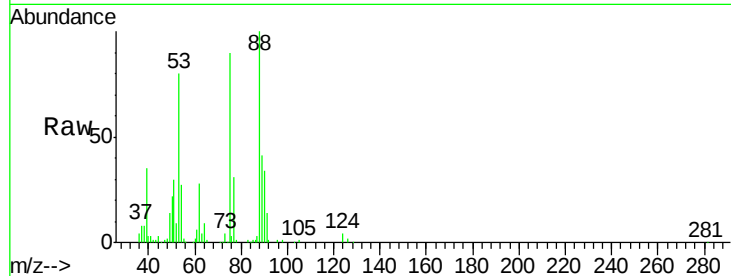
#81
trans-1,4-Dichloro-2-butene
Concen: 17.063 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 75 Resp: 26963
Ion Ratio Lower Upper
75 100
53 85.9 67.4 101.2
89 47.1 37.2 55.8

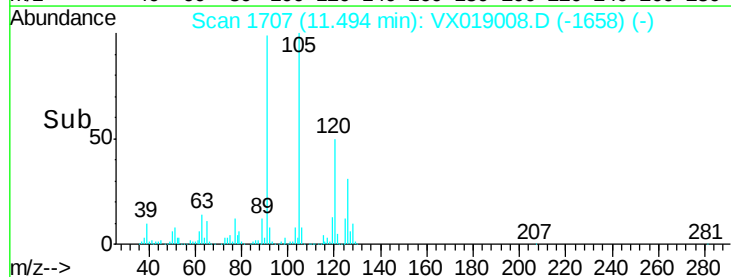
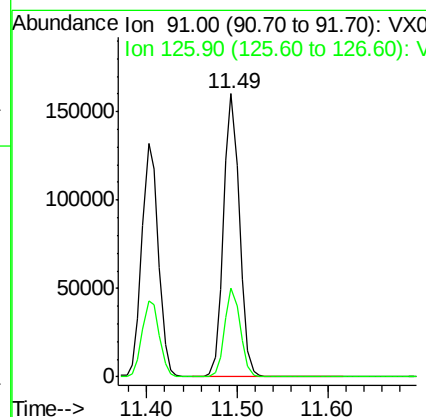
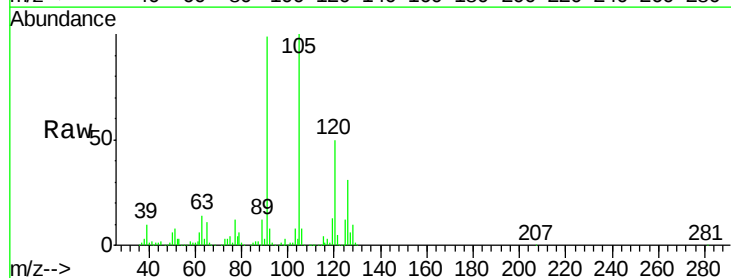
Manual Integrations
APPROVED

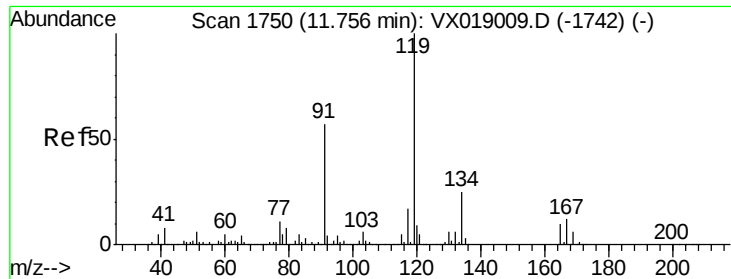
MMDadoda
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#82
4-Chlorotoluene
Concen: 18.157 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion: 91 Resp: 198006
Ion Ratio Lower Upper
91 100
126 30.8 15.6 46.7





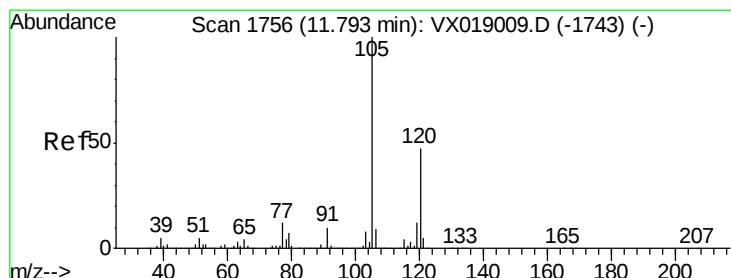
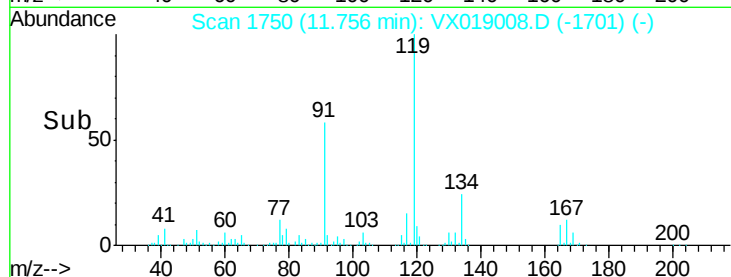
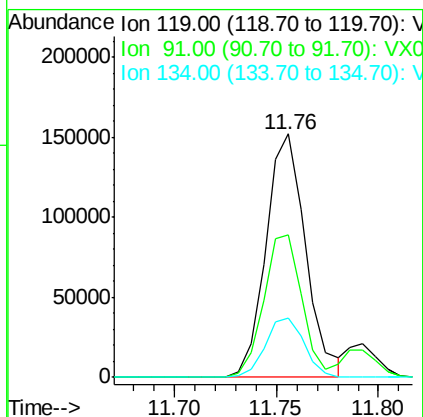
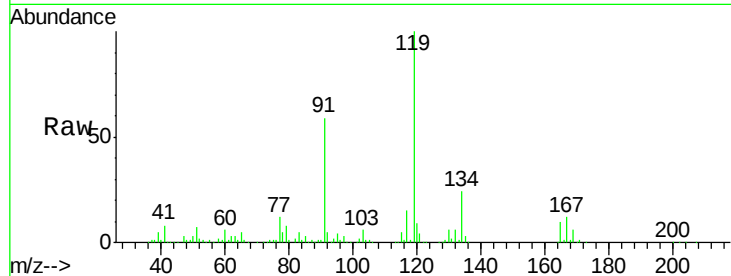
#83
tert-Butylbenzene
Concen: 19.009 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	206298		
91	56.2		28.1	84.4
134	24.0		11.8	35.3

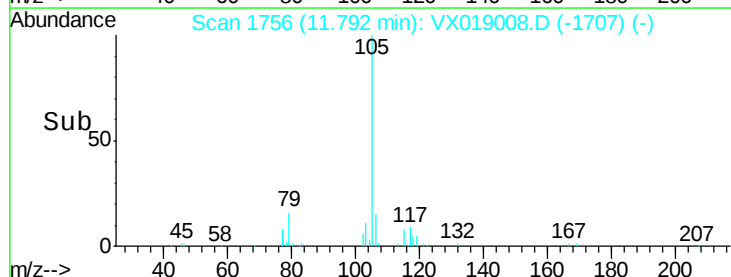
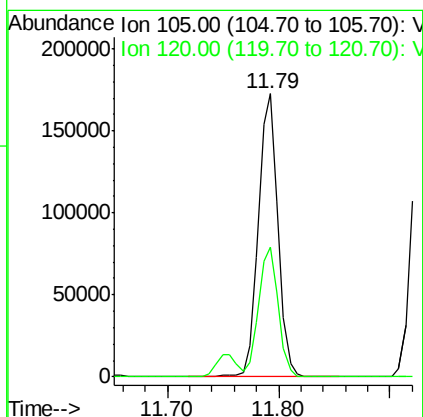
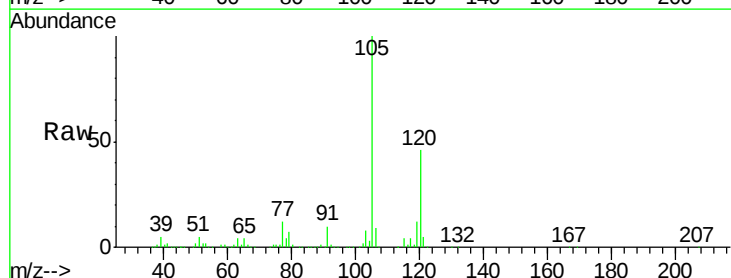
Manual Integrations
APPROVED

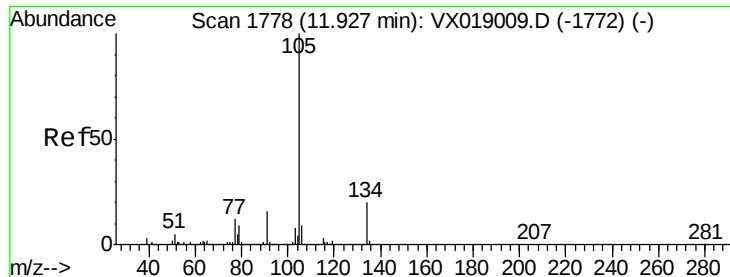
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#84
1,2,4-Trimethylbenzene
Concen: 18.920 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	211719		
120	46.1		22.9	68.8





#85

sec-Butylbenzene

Concen: 19.443 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 249909

Ion Ratio Lower Upper

105 100

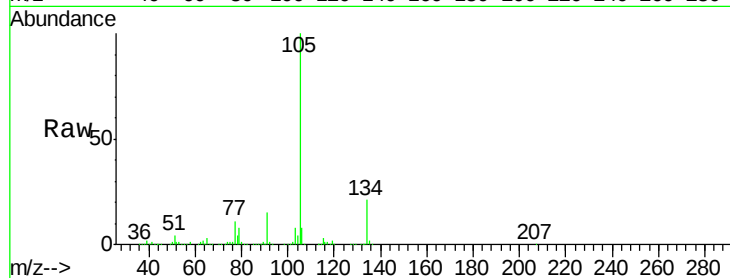
134 20.1 10.4 31.1

Manual Integrations

APPROVED

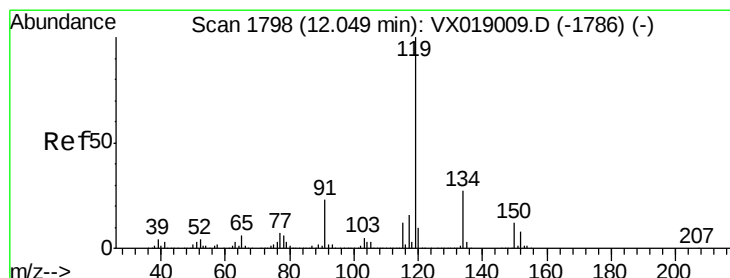
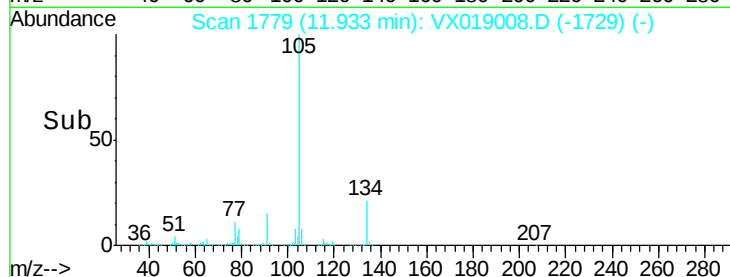
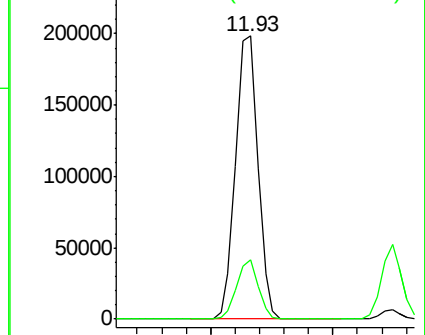
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.315 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019008.D

Acq: 21 Oct 2020 18:45

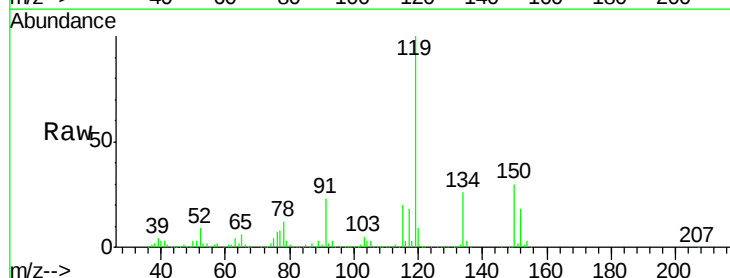
Tgt Ion:119 Resp: 227189

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

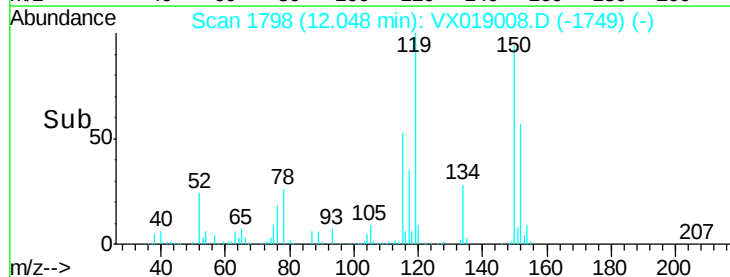
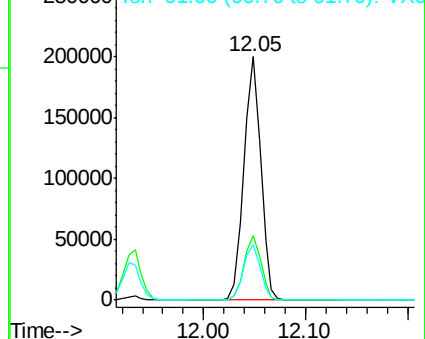
91 23.2 11.4 34.2

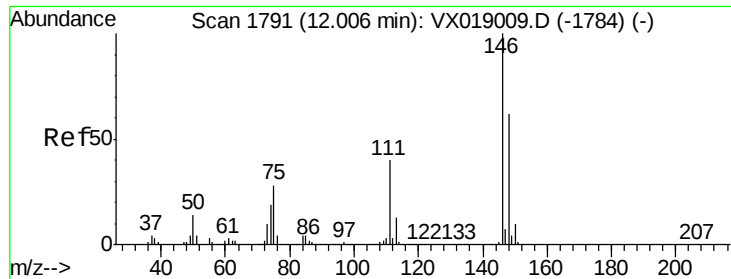


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





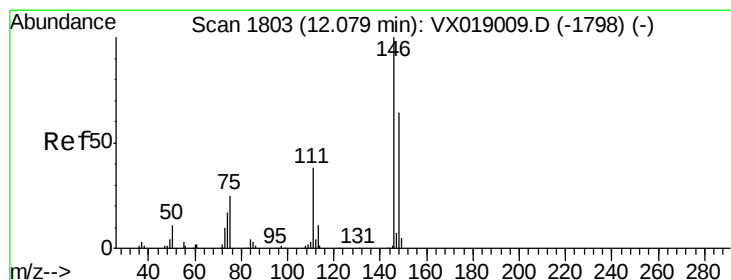
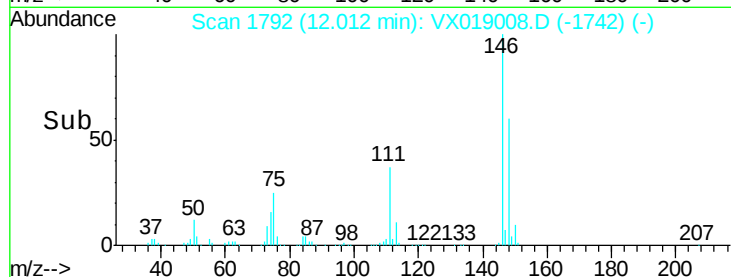
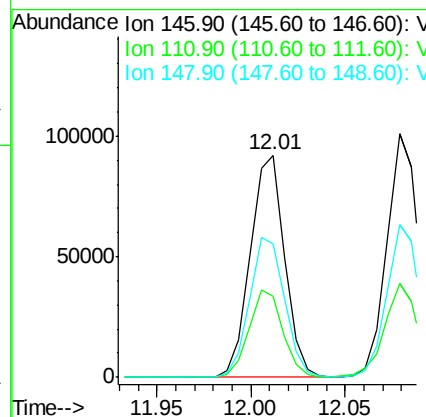
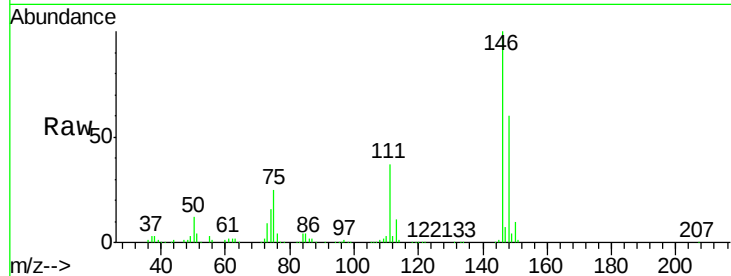
#87
 1,3-Dichlorobenzene
 Concen: 18.122 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019008.D
 Acq: 21 Oct 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.7	59.1
148	64.2	32.0	96.0

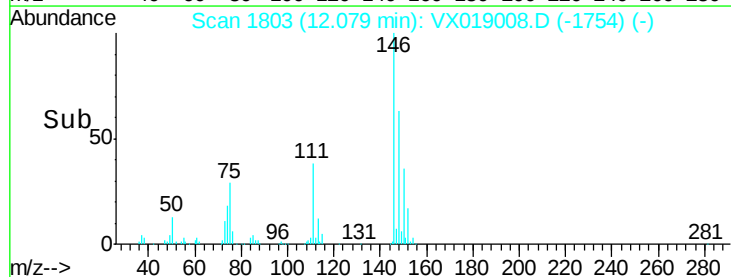
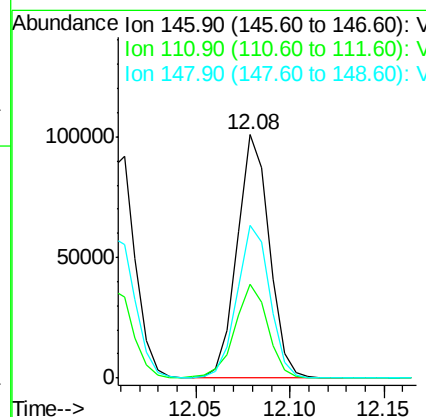
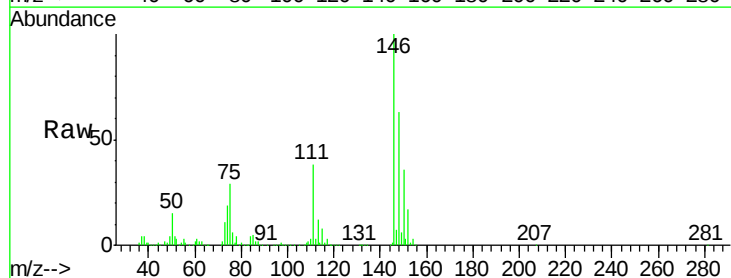
Manual Integrations
 APPROVED

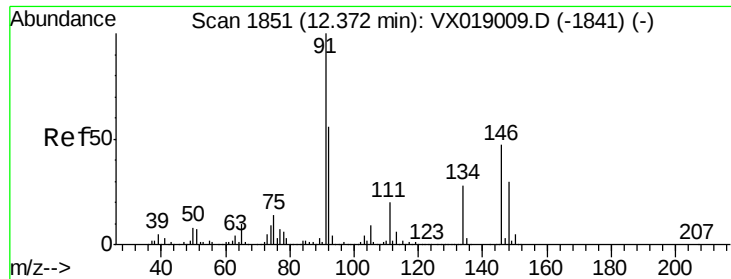
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#88
 1,4-Dichlorobenzene
 Concen: 18.289 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019008.D
 Acq: 21 Oct 2020 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.2
148	64.5	32.2	96.6





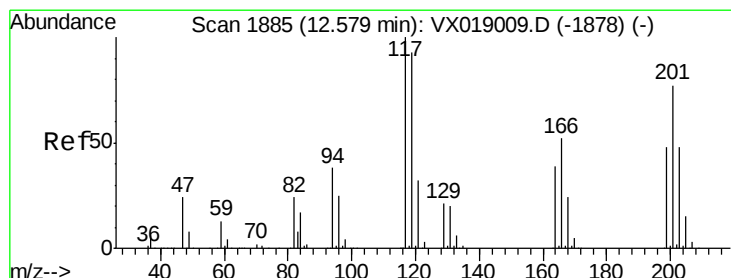
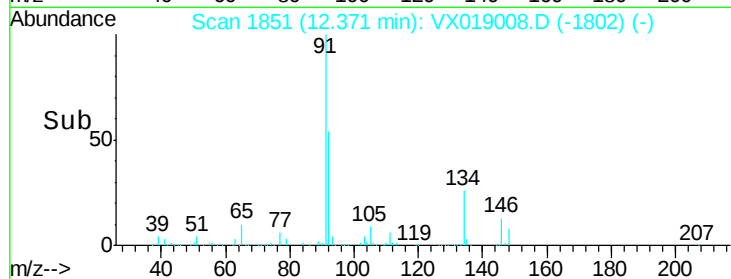
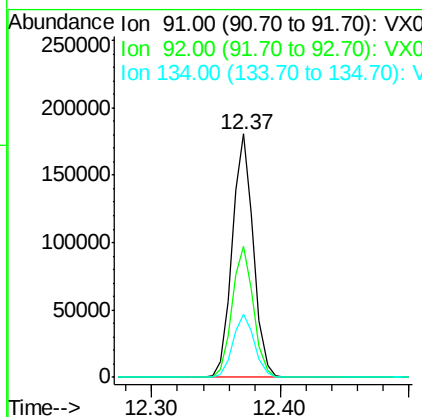
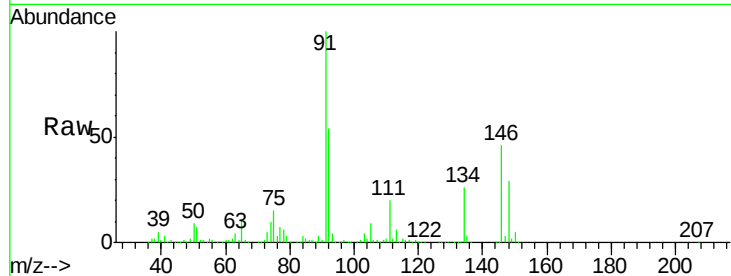
#89
n-Butylbenzene
Concen: 19.072 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.3	81.9
134	26.3	13.6	40.7

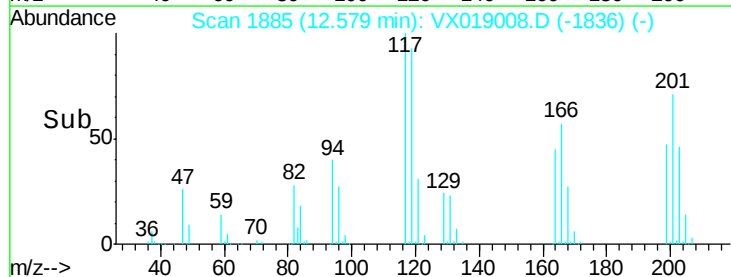
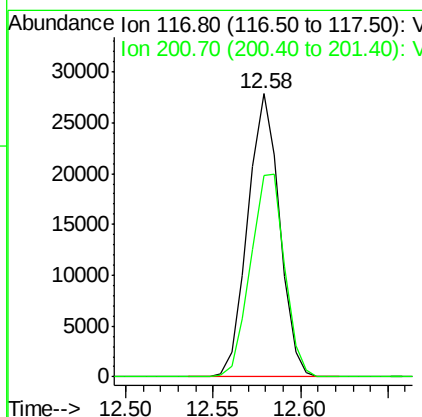
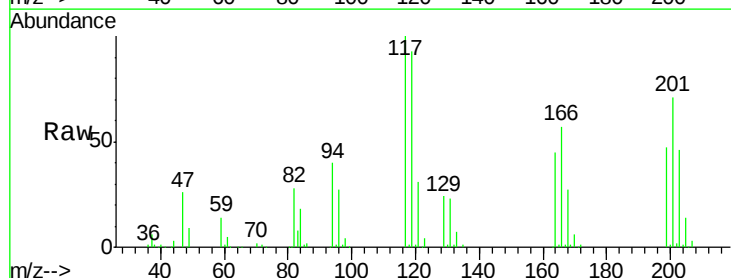
Manual Integrations
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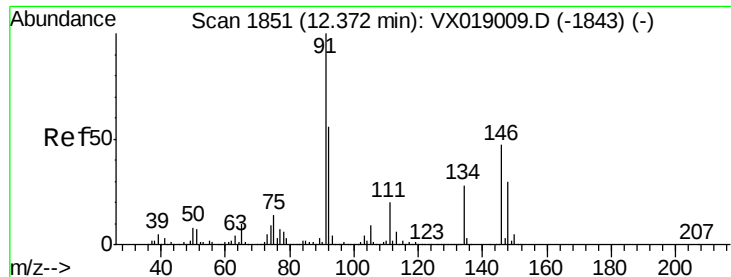
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#90
Hexachloroethane
Concen: 15.399 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.8	37.1	111.3





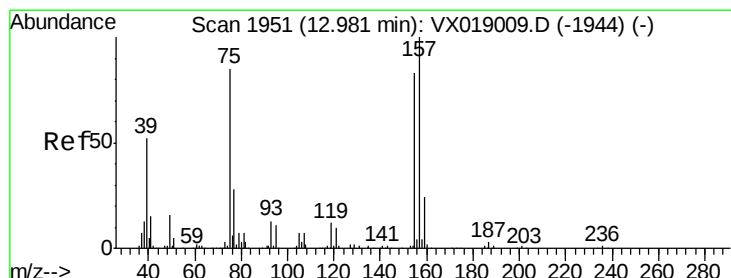
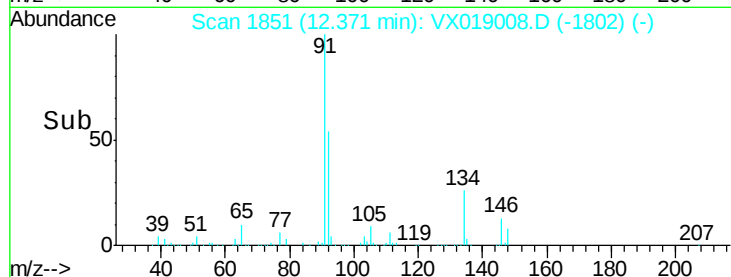
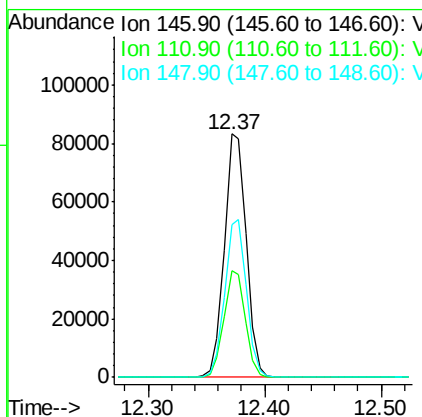
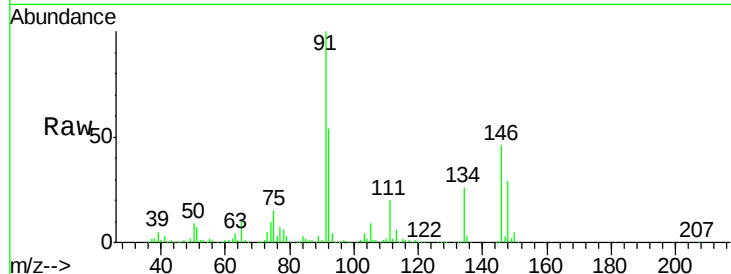
#91
 1,2-Dichlorobenzene
 Concen: 17.949 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019008.D
 Acq: 21 Oct 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	19.9	59.7
148	64.1	31.4	94.3

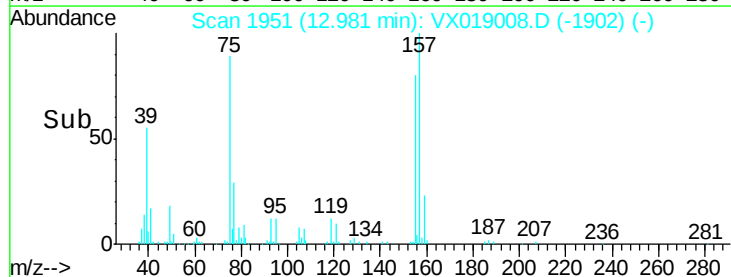
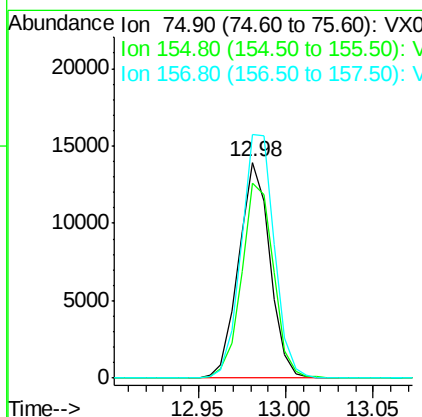
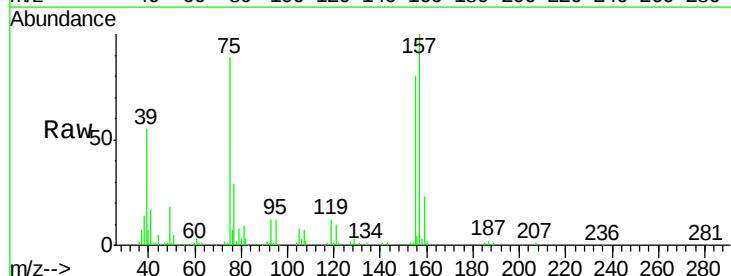
Manual Integrations
 APPROVED

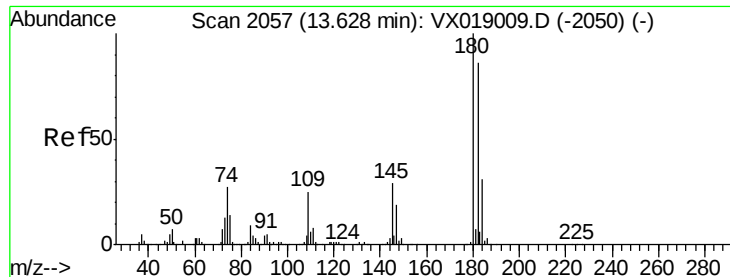
MMDadoda
 10/22/2020 1:21:54 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.979 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019008.D
 Acq: 21 Oct 2020 18:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	47.3	142.0
157	119.0	59.7	179.0





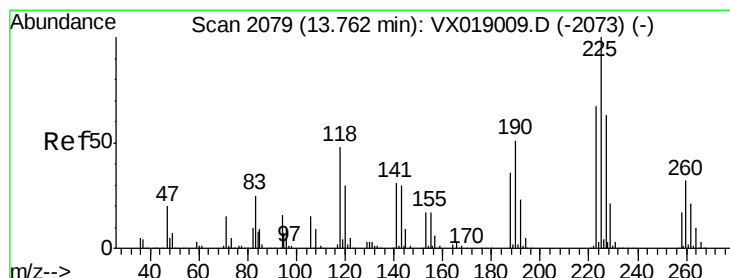
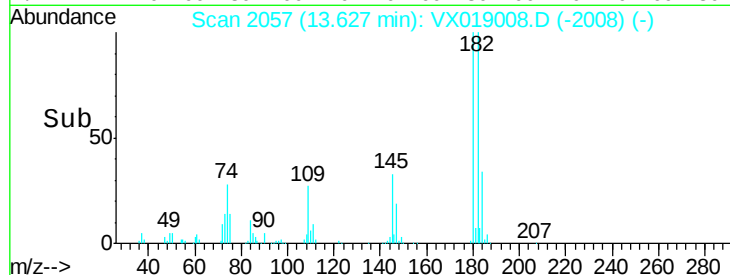
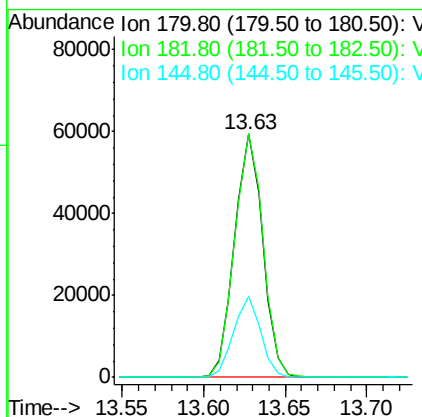
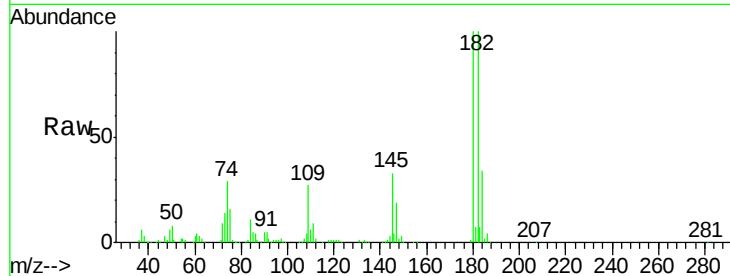
#93
1,2,4-Trichlorobenzene
Concen: 17.005 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	71801		
182	100.4	46.4	139.2	
145	31.9	15.2	45.6	

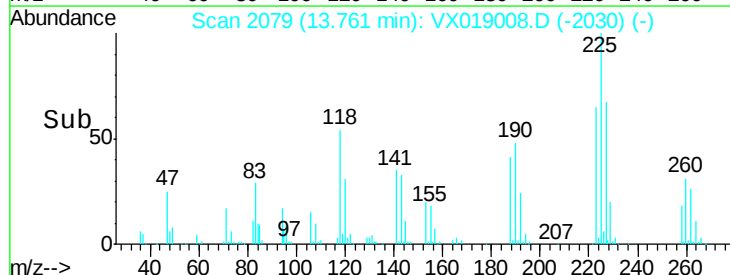
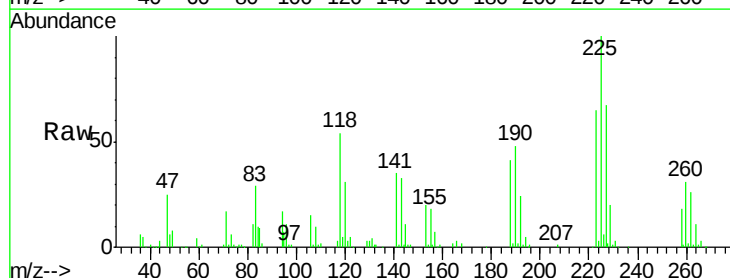
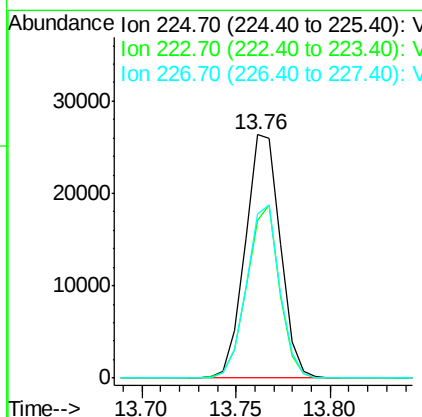
Manual Integrations
APPROVED

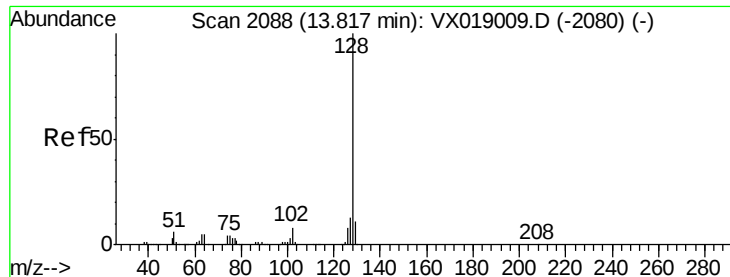
MMDadoda
10/22/2020 1:21:54 PM



#94
Hexachlorobutadiene
Concen: 18.990 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	34029		
223	65.7	32.5	97.4	
227	67.1	31.9	95.7	





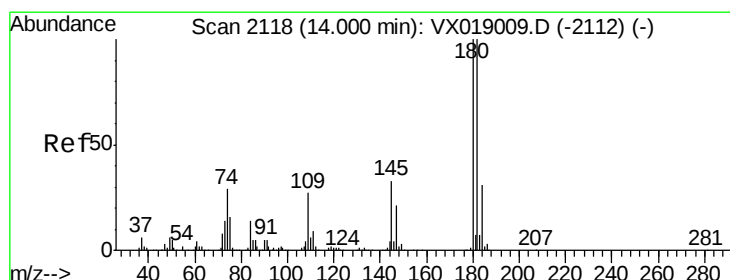
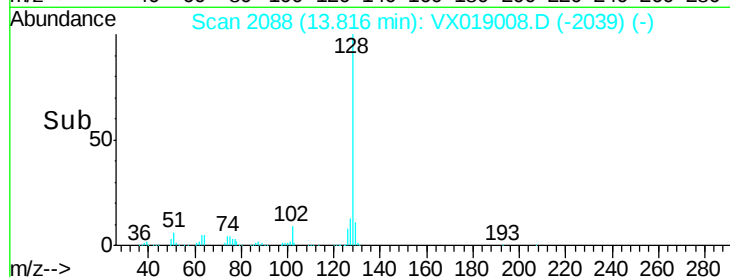
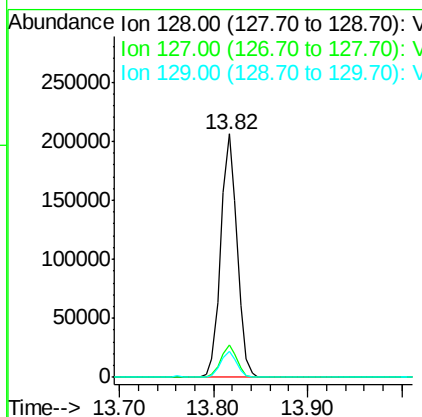
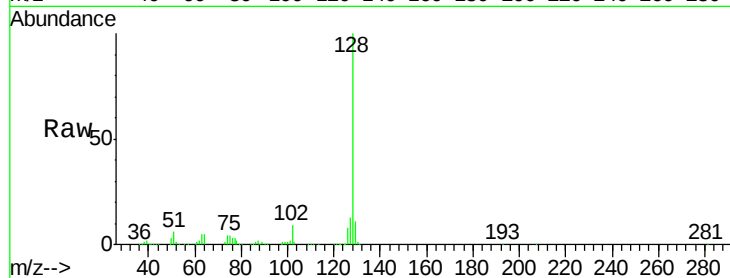
#95
Naphthalene
Concen: 19.369 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/22/2020 1:21:54 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.394 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019008.D
Acq: 21 Oct 2020 18:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	142.0
145	31.4	15.9	47.6

