

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\
 Data File : VX019237.D
 Acq On : 03 Nov 2020 16:56
 Operator : JC/MD
 Sample : VX1104WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:58:48 AM

Quant Time: Nov 04 02:39:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	273129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	454080	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	419026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198555	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	174461	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	5.46	113	135227	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	8.70	98	526215	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.12	95	200548	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	42351	18.600	ug/l	97
3) Chloromethane	1.31	50	50714	19.936	ug/l	100
4) Vinyl Chloride	1.39	62	55561	18.833	ug/l	99
5) Bromomethane	1.64	94	44989	22.330	ug/l	98
6) Chloroethane	1.72	64	38089	20.221	ug/l	99
7) Trichlorofluoromethane	1.92	101	88346	19.062	ug/l	98
8) Diethyl Ether	2.17	74	34914	19.628	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49060	19.097	ug/l	98
10) Methyl Iodide	2.49	142	49182	20.529	ug/l	100
11) Tert butyl alcohol	3.03	59	58509	84.100	ug/l	100
12) 1,1-Dichloroethene	2.36	96	48227	18.218	ug/l	96
13) Acrolein	2.28	56	25987	87.305	ug/l	98
14) Allyl chloride	2.71	41	76067	18.971	ug/l	99
15) Acrylonitrile	3.12	53	140669	96.221	ug/l	99
16) Acetone	2.43	43	119901	98.672	ug/l	100
17) Carbon Disulfide	2.55	76	132234	18.018	ug/l	100
18) Methyl Acetate	2.75	43	57731	19.537	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	174535	19.029	ug/l	100
20) Methylene Chloride	2.84	84	56882	18.646	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	55108	18.088	ug/l	98
22) Diisopropyl ether	3.82	45	161783	20.239	ug/l	89
23) Vinyl Acetate	3.78	43	700536	98.275	ug/l	98
24) 1,1-Dichloroethane	3.67	63	97177	19.471	ug/l	99
25) 2-Butanone	4.64	43	189637	99.023	ug/l	99
26) 2,2-Dichloropropane	4.54	77	89134	18.997	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	62028	18.219	ug/l	95
28) Bromochloromethane	4.97	49	44305	19.527	ug/l	91
29) Tetrahydrofuran	5.09	42	120655	99.974	ug/l	97
30) Chloroform	5.17	83	102166	19.232	ug/l	100
31) Cyclohexane	5.54	56	84982	19.086	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	91771	19.054	ug/l	99
36) 1,1-Dichloropropene	5.76	75	77428	18.466	ug/l	98
37) Ethyl Acetate	4.79	43	73341	18.838	ug/l	99
38) Carbon Tetrachloride	5.75	117	77855	18.216	ug/l	100

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MMDadoda
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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	93417	18.632	ug/l	96
40) Benzene	6.11	78	226075	19.016	ug/l	98
41) Methacrylonitrile	4.99	41	40214	19.181	ug/l	96
42) 1,2-Dichloroethane	6.16	62	83293	19.010	ug/l	100
43) Isopropyl Acetate	6.41	43	121840	18.690	ug/l	99
44) Trichloroethene	7.18	130	61339	18.015	ug/l	98
45) 1,2-Dichloropropane	7.49	63	56478	19.395	ug/l	100
46) Dibromomethane	7.63	93	39951	18.553	ug/l	98
47) Bromodichloromethane	7.87	83	80081	18.868	ug/l	99
48) Methyl methacrylate	7.74	41	59753	19.044	ug/l	96
49) 1,4-Dioxane	7.74	88	24503	351.165	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	369409	98.596	ug/l	100
52) Toluene	8.76	92	146912	19.186	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	87788	18.109	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	93757	18.392	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	57731	19.082	ug/l	97
56) Ethyl methacrylate	9.16	69	85562	18.724	ug/l	98
57) 1,3-Dichloropropane	9.35	76	98467	19.304	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	234272	91.667	ug/l	97
59) 2-Hexanone	9.47	43	287639	100.854	ug/l	98
60) Dibromochloromethane	9.56	129	60348	18.380	ug/l	98
61) 1,2-Dibromoethane	9.65	107	61046	18.869	ug/l	99
64) Tetrachloroethene	9.32	164	58169	18.220	ug/l	95
65) Chlorobenzene	10.12	112	153594	17.934	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	56797	18.421	ug/l	100
67) Ethyl Benzene	10.23	91	277091	18.157	ug/l	99
68) m/p-Xylenes	10.34	106	209374	36.554	ug/l	98
69) o-Xylene	10.68	106	99218	18.263	ug/l	99
70) Styrene	10.70	104	167348	18.053	ug/l	100
71) Bromoform	10.84	173	39870	16.310	ug/l #	99
73) Isopropylbenzene	11.00	105	269592	19.182	ug/l	100
74) N-amyl acetate	10.88	43	100119	19.483	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	80695	18.371	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	80185m	19.559	ug/l	
77) Bromobenzene	11.24	156	64584	18.515	ug/l	92
78) n-propylbenzene	11.34	91	312471	19.476	ug/l	99
79) 2-Chlorotoluene	11.40	91	185056	19.592	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	228592	19.252	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	27236	17.492	ug/l	96
82) 4-Chlorotoluene	11.49	91	216840	18.799	ug/l	99
83) tert-Butylbenzene	11.76	119	216416	19.036	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	226132	18.865	ug/l	100
85) sec-Butylbenzene	11.93	105	263990	19.361	ug/l	99
86) p-Isopropyltoluene	12.05	119	241519	19.190	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	117318	18.060	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	115975	17.151	ug/l	98
89) n-Butylbenzene	12.37	91	215138	18.186	ug/l	100
90) Hexachloroethane	12.58	117	38628	18.057	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	109847	17.610	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17709	16.469	ug/l	95

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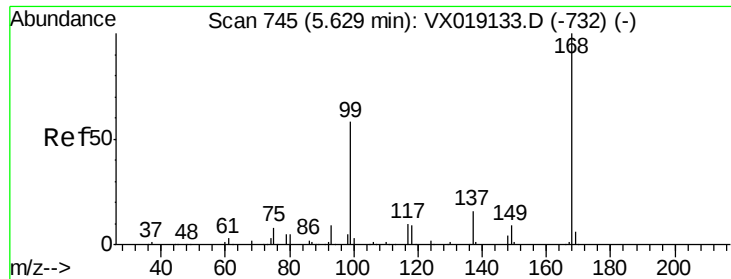
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	72611	15.498	ug/l	98
94) Hexachlorobutadiene	13.76	225	35330	17.130	ug/l	96
95) Naphthalene	13.82	128	237293	16.081	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	72686	15.992	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tot Ion:168 Resp: 273129

Ion Ratio Lower Upper

168 100

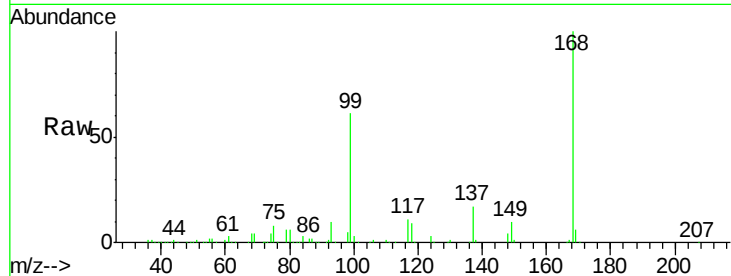
99 60.4 46.6 69.8

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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

100000

80000

60000

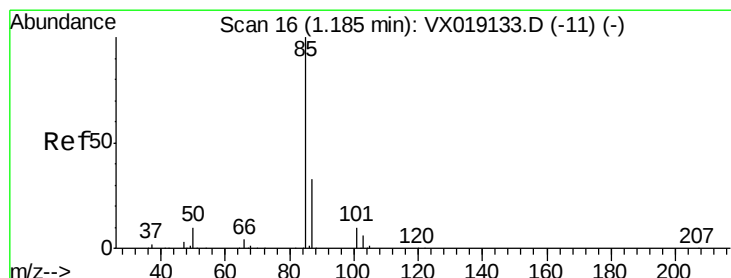
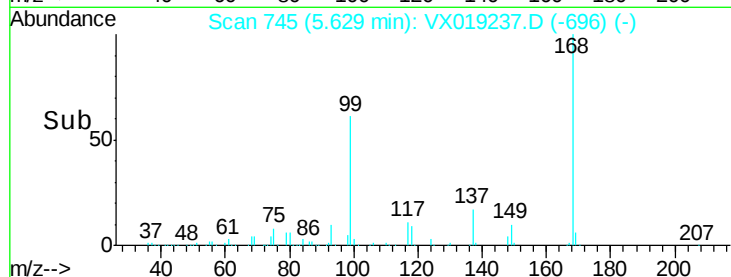
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.600 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019237.D

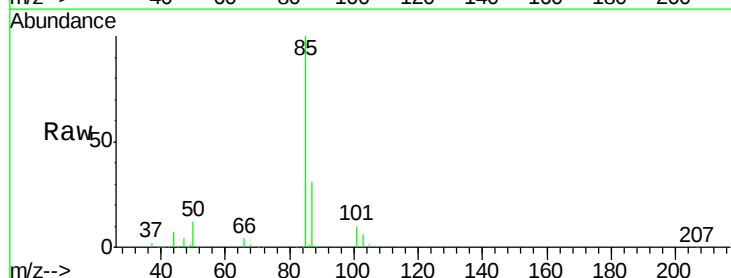
Acq: 03 Nov 2020 16:56

Tgt Ion: 85 Resp: 42351

Ion Ratio Lower Upper

85 100

87 31.1 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

30000

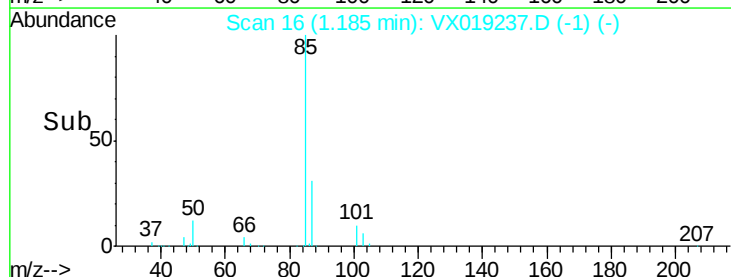
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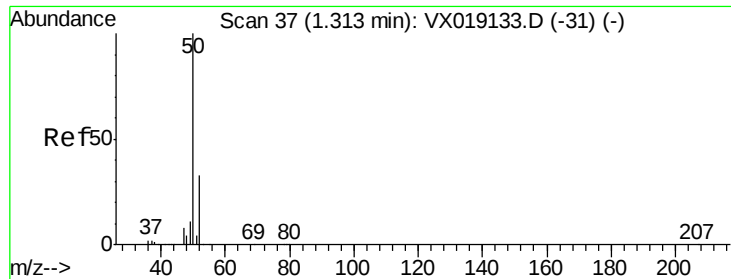
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.936 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tot Ion: 50 Resp: 50714

Ion Ratio Lower Upper

50 100

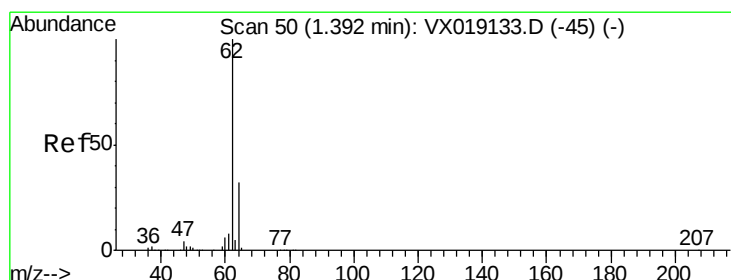
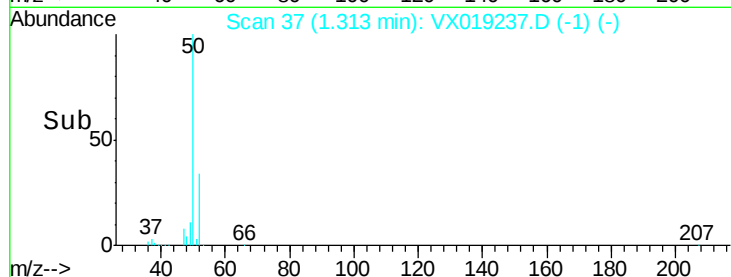
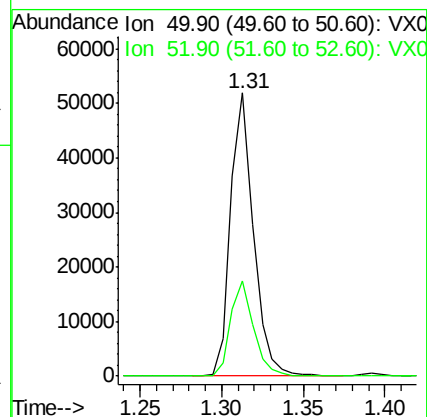
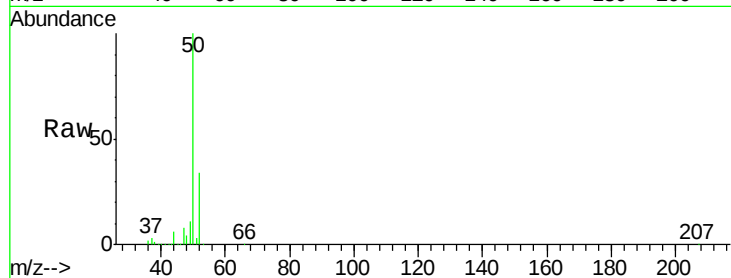
52 33.7 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.833 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019237.D

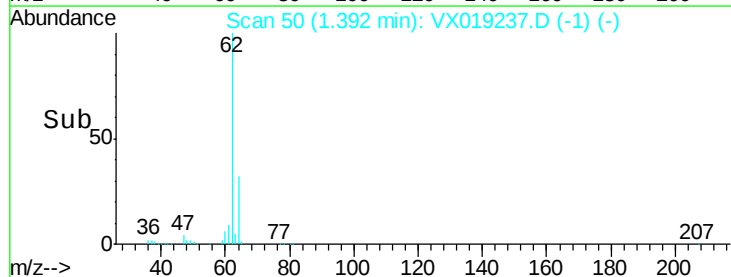
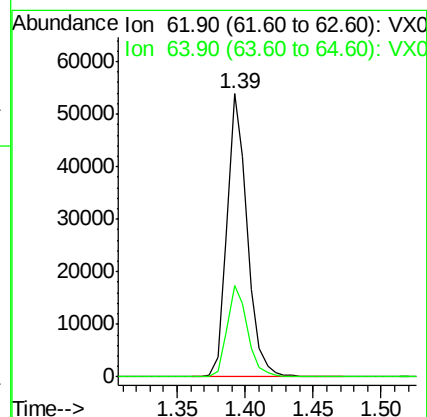
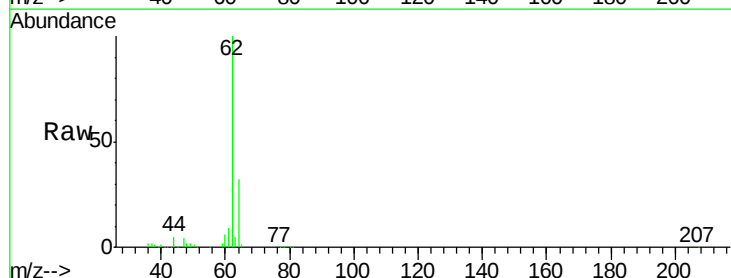
Acq: 03 Nov 2020 16:56

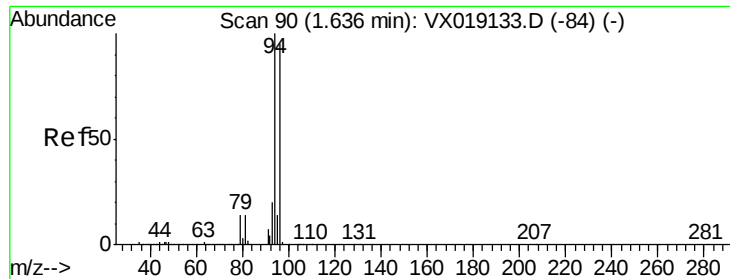
Tgt Ion: 62 Resp: 55561

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 22.330 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tot Ion: 94 Resp: 44989

Ion Ratio Lower Upper

94 100

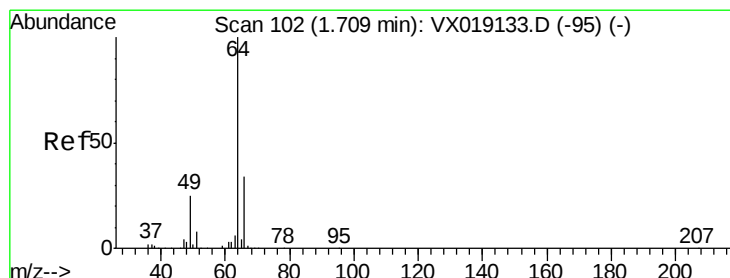
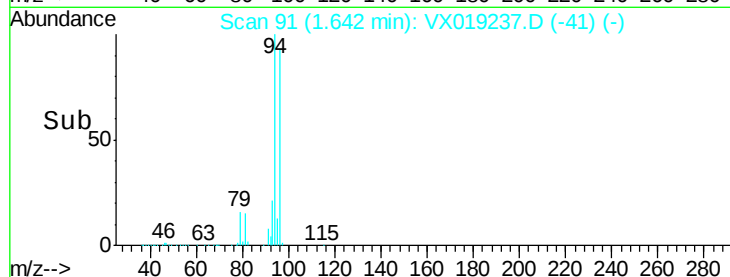
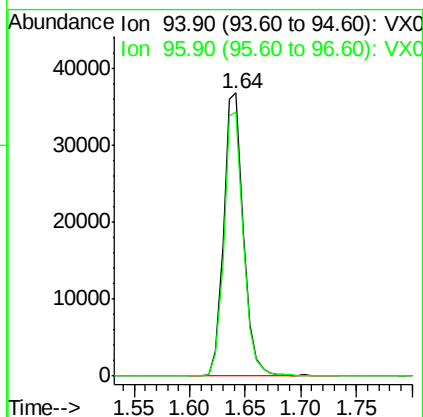
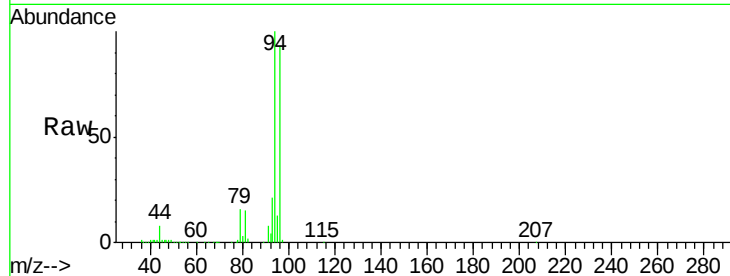
96 93.2 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 20.221 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019237.D

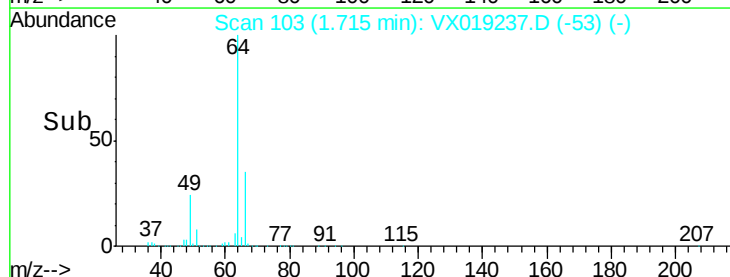
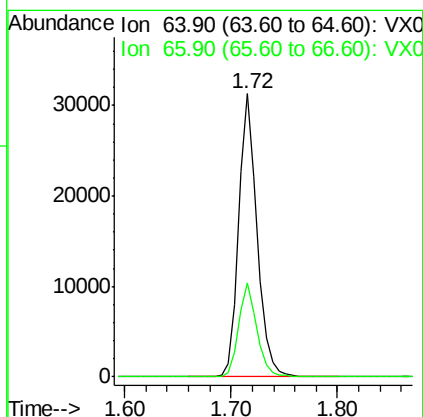
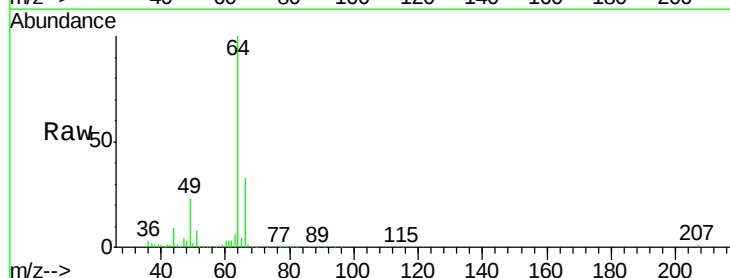
Acq: 03 Nov 2020 16:56

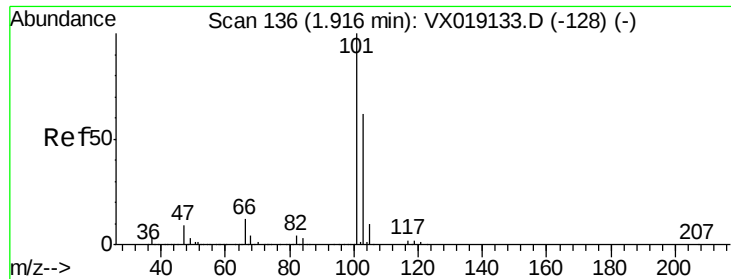
Tgt Ion: 64 Resp: 38089

Ion Ratio Lower Upper

64 100

66 33.1 27.1 40.7





#7

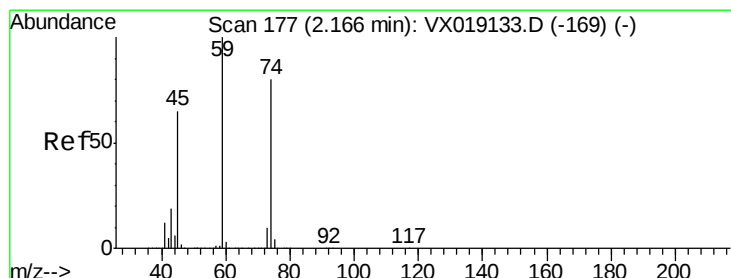
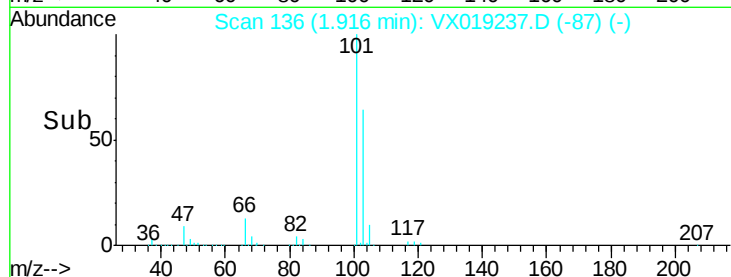
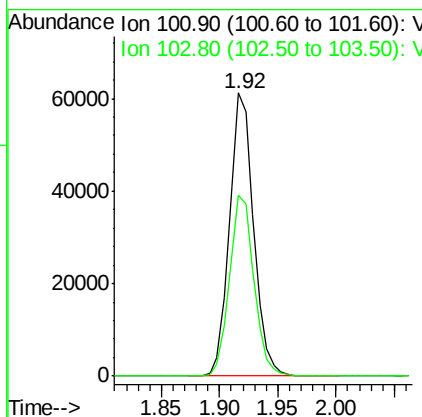
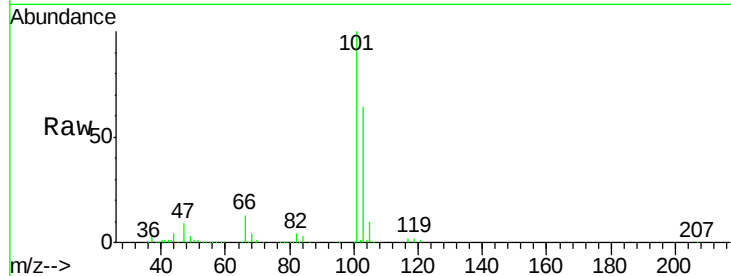
Trichlorofluoromethane
Concen: 19.062 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
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ClientSampleId :
VX1104WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	50.0	75.0

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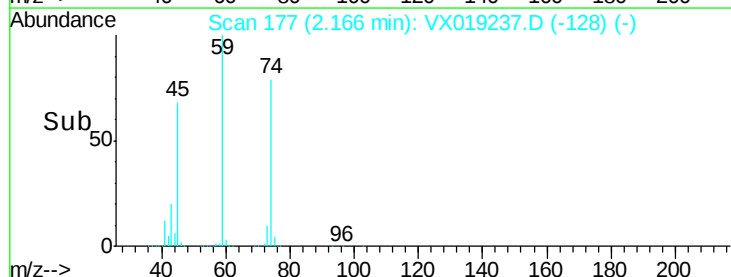
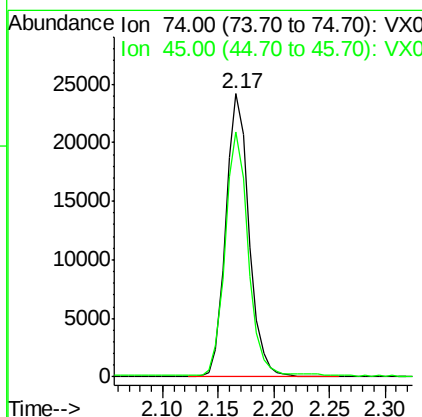
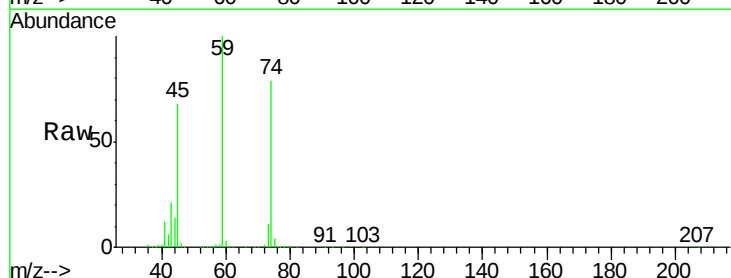
MMDadoda
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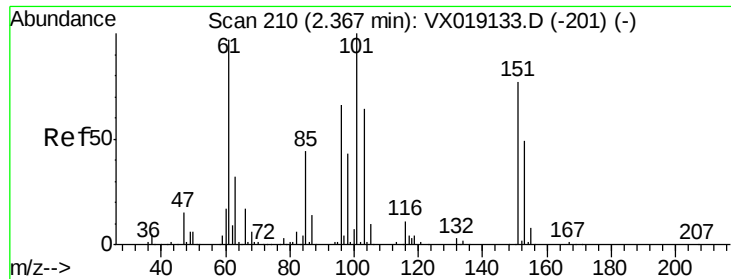


#8

Diethyl Ether
Concen: 19.628 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.4	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.097 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

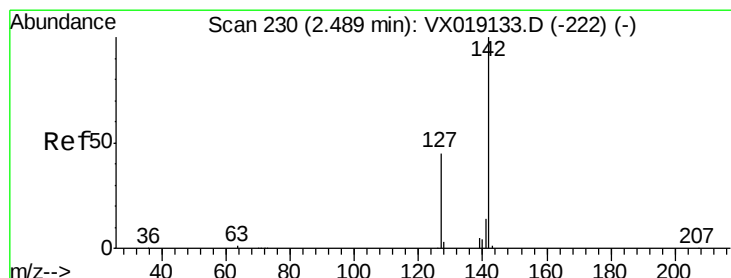
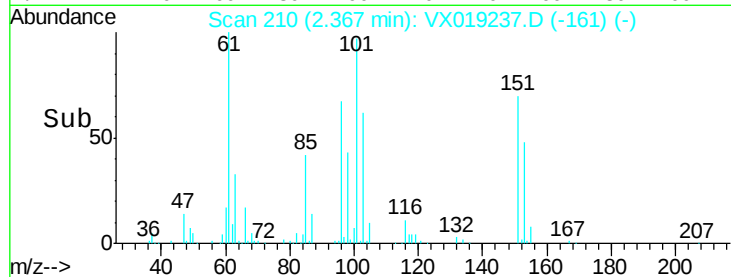
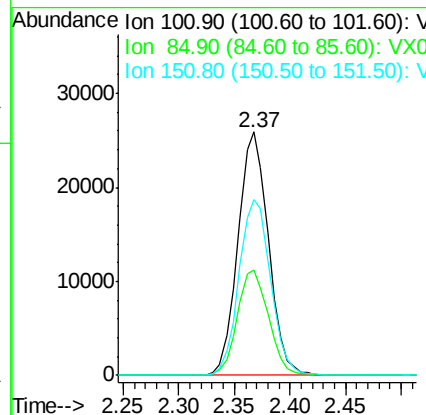
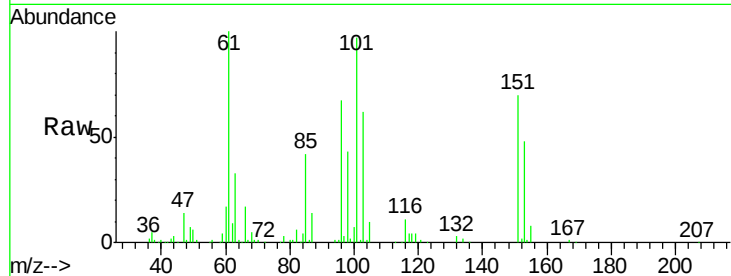
ClientSampleId :

VX1104WBS01

Tot Ion:	101	Resp:	49060
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.0	52.4
151	75.2	61.4	92.2

Manual Integrations
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11/4/2020 11:58:48 AM



#10

Methyl Iodide

Concen: 20.529 ug/l

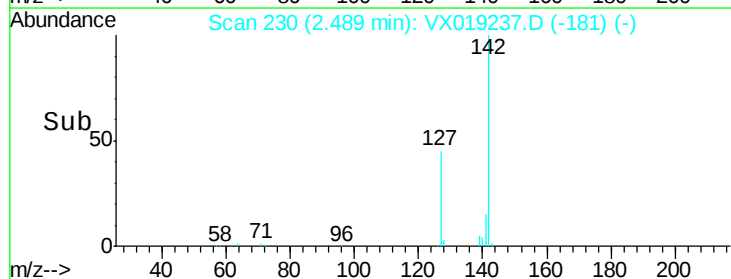
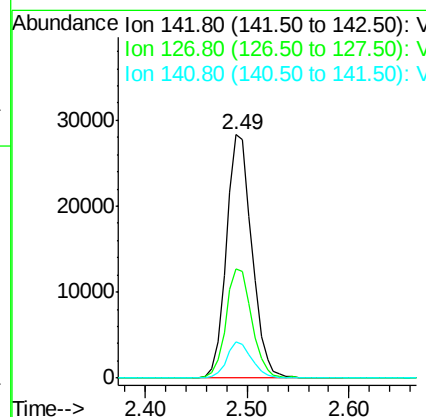
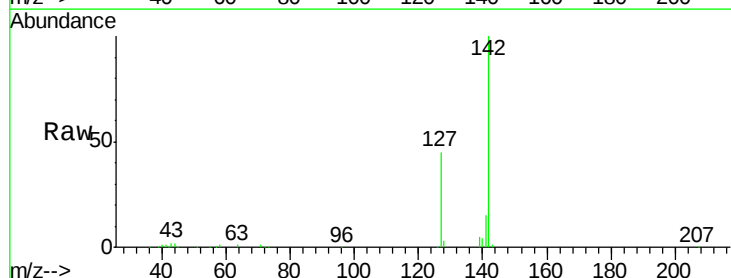
RT: 2.49 min Scan# 230

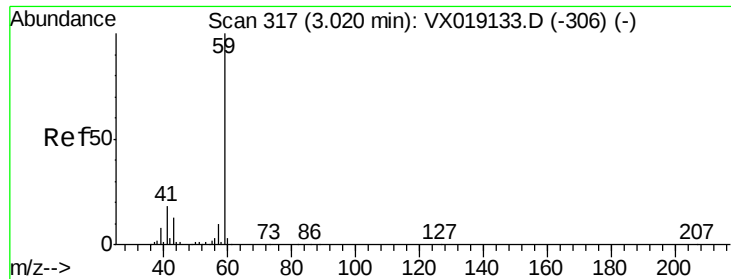
Delta R.T. 0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Tgt Ion:	142	Resp:	49182
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.1	54.1
141	14.4	11.3	16.9





#11

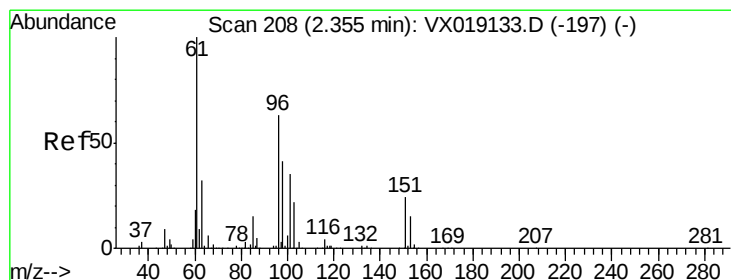
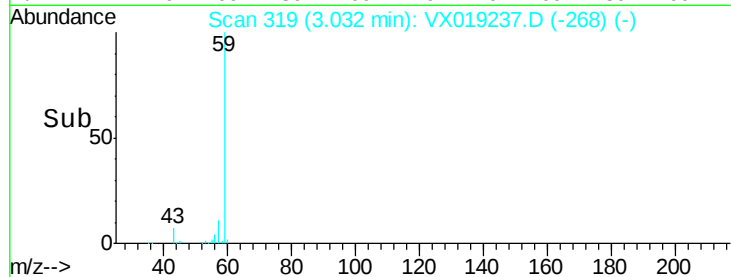
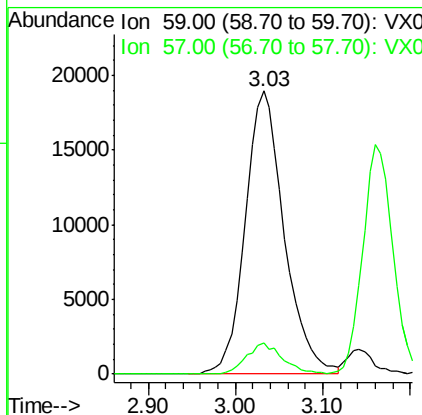
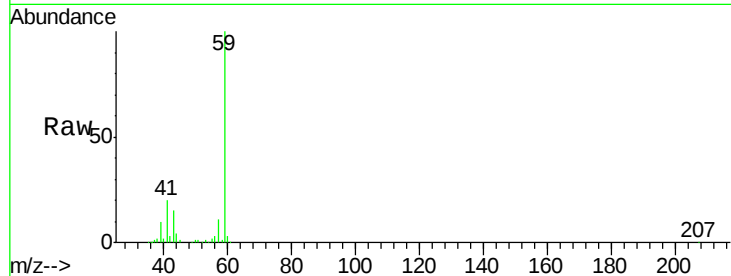
Tert butyl alcohol
Concen: 84.100 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion	59	Resp	58509
Ion Ratio	100	Lower	Upper
57	10.4	8.4	12.6

Manual Integrations
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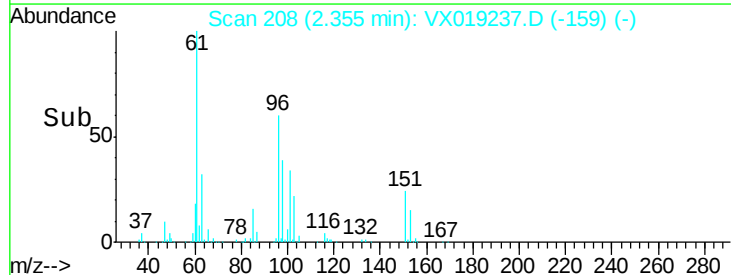
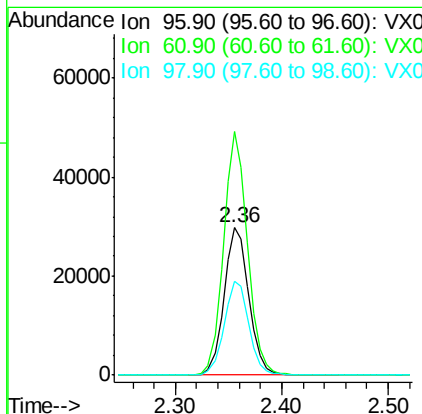
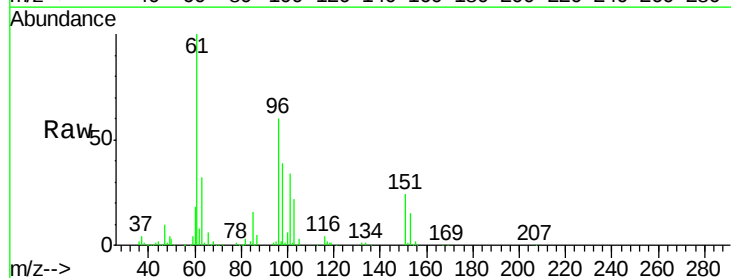
MMDadoda
11/4/2020 11:58:48 AM

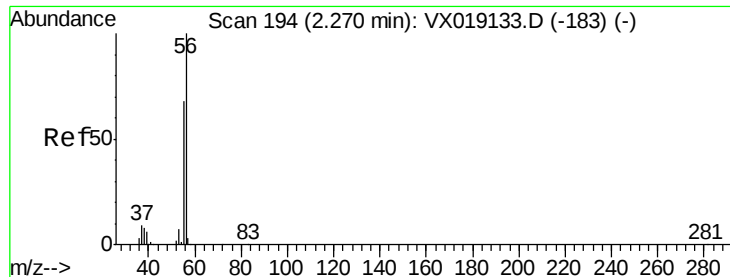


#12

1,1-Dichloroethene
Concen: 18.218 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	96	Resp	48227
Ion Ratio	100	Lower	Upper
61	165.6	127.7	191.5
98	64.1	52.1	78.1





#13

Acrolein

Concen: 87.305 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tot Ion: 56 Resp: 25987

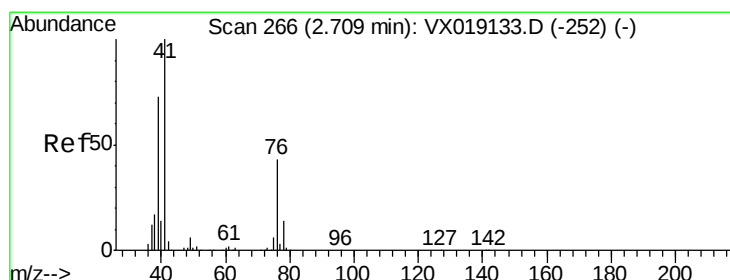
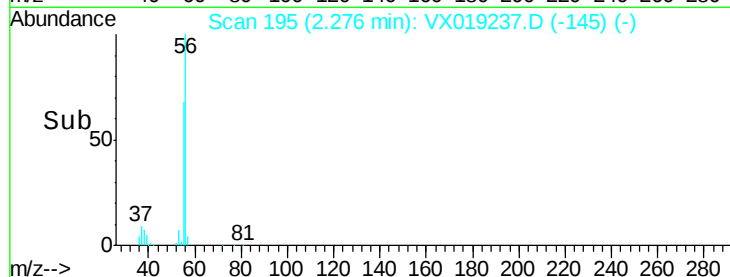
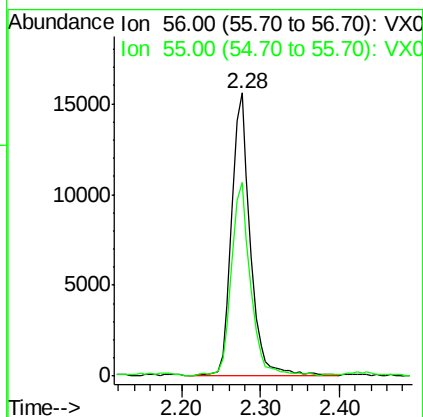
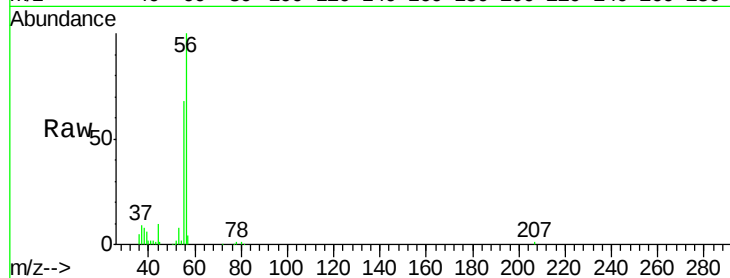
Ion Ratio Lower Upper

56 100

55 70.4 54.7 82.1

Manual Integrations
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11/4/2020 11:58:48 AM



#14

Allyl chloride

Concen: 18.971 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

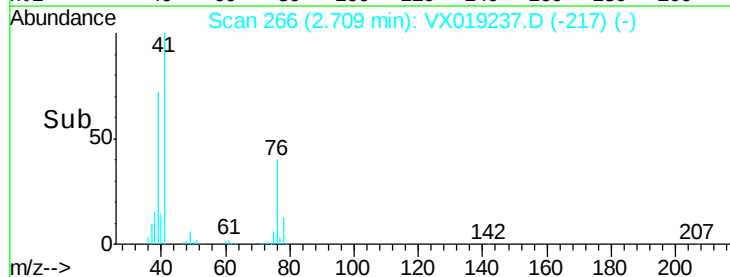
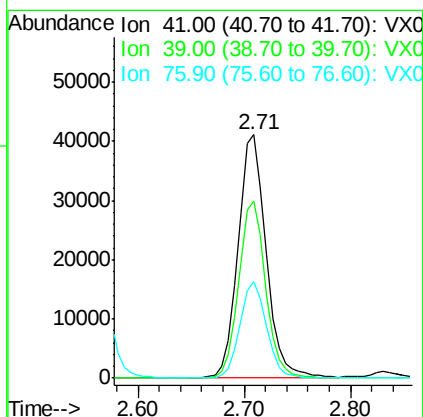
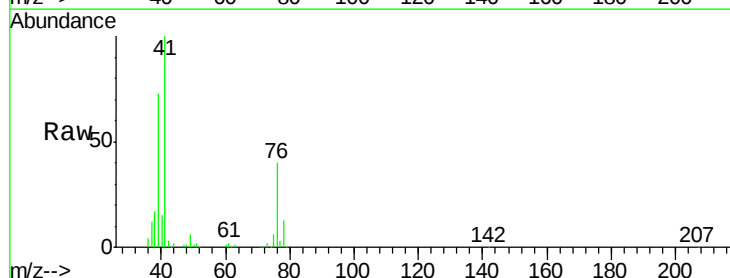
Tgt Ion: 41 Resp: 76067

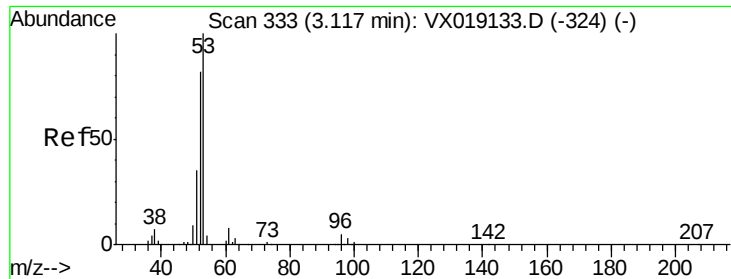
Ion Ratio Lower Upper

41 100

39 69.4 55.2 82.8

76 37.9 31.5 47.3





#15

Acrylonitrile

Concen: 96.221 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

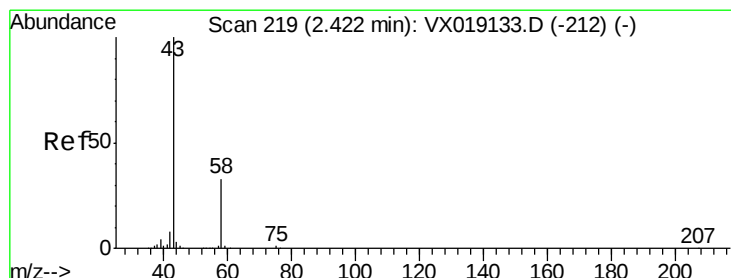
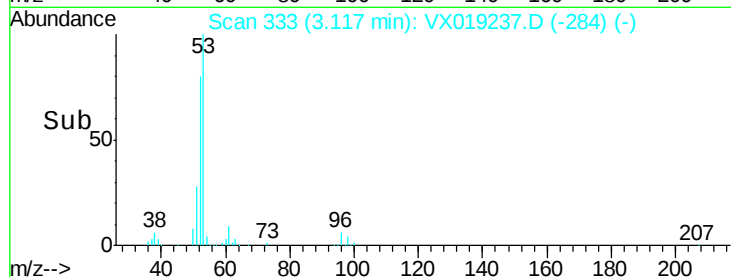
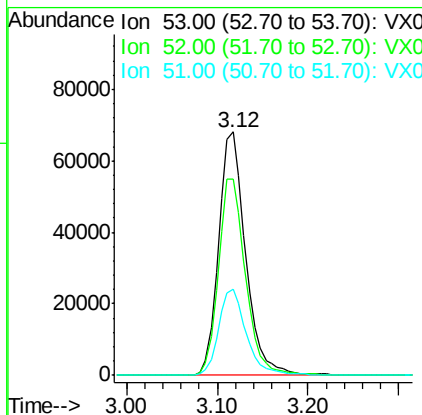
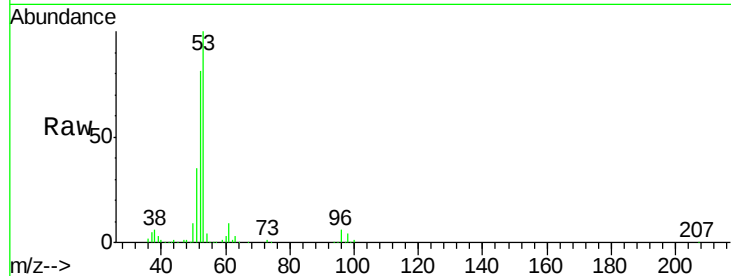
ClientSampleId :

VX1104WBS01

Tot Ion:	53	Resp:	140669
Ion Ratio	Lower	Upper	
53	100		
52	81.8	65.7	98.5
51	37.0	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 98.672 ug/l

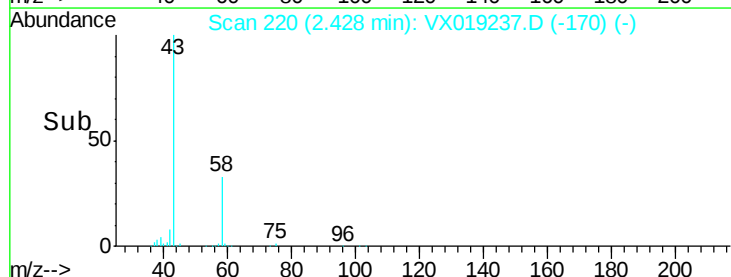
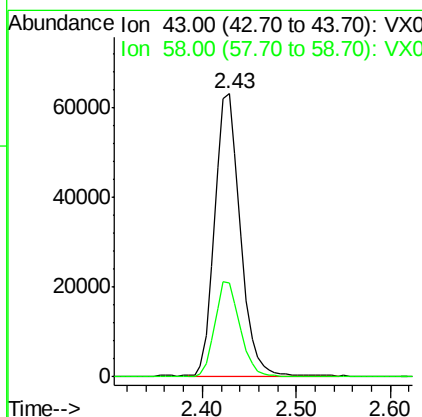
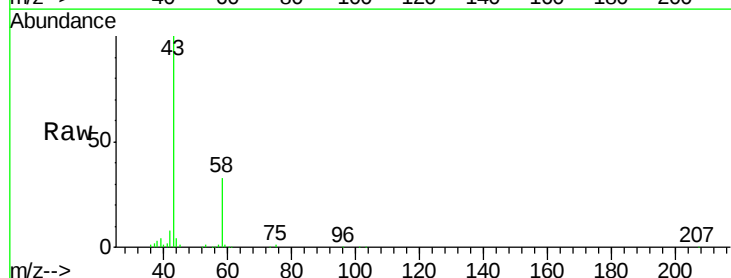
RT: 2.43 min Scan# 220

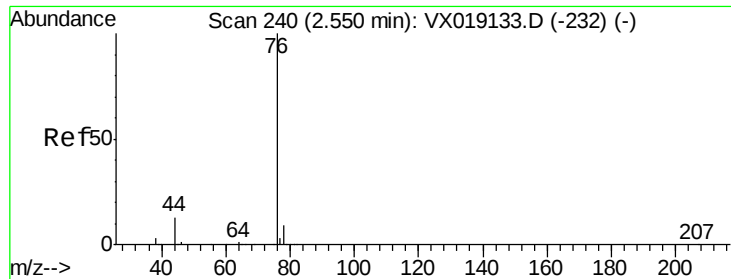
Delta R.T. 0.01 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Tgt Ion:	43	Resp:	119901
Ion Ratio	Lower	Upper	
43	100		
58	33.1	26.3	39.5





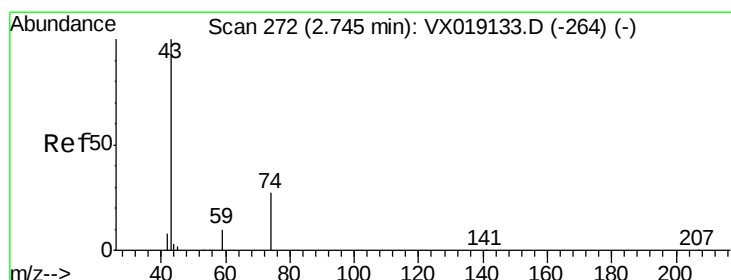
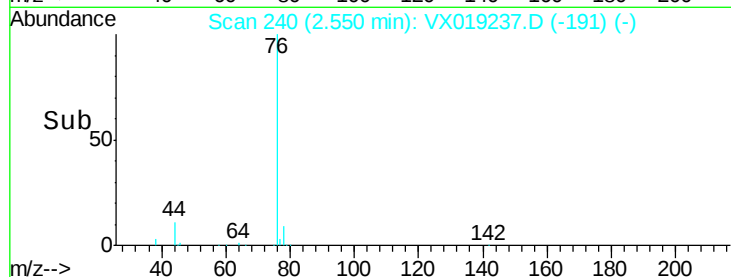
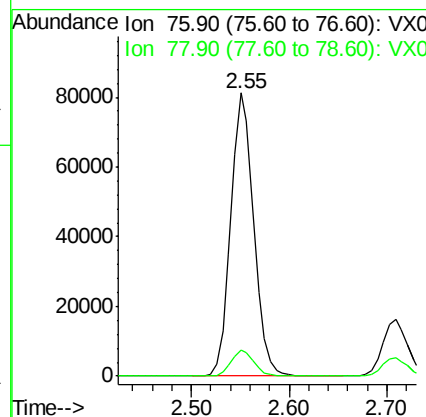
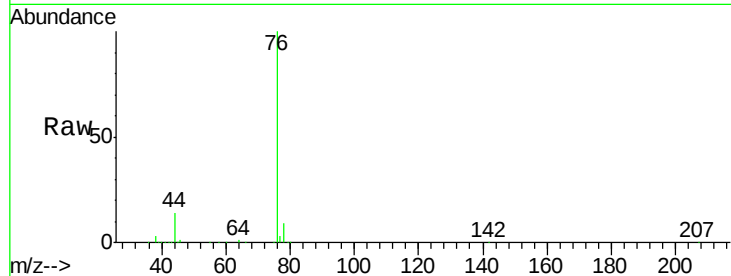
#17
Carbon Disulfide
Concen: 18.018 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

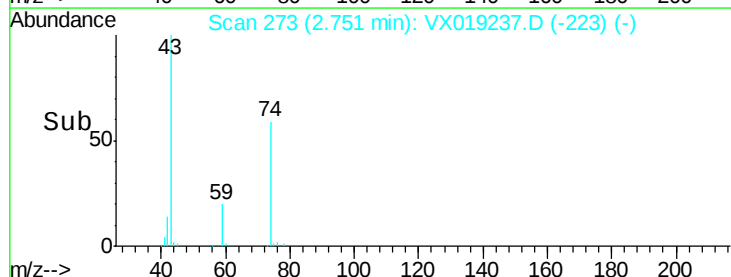
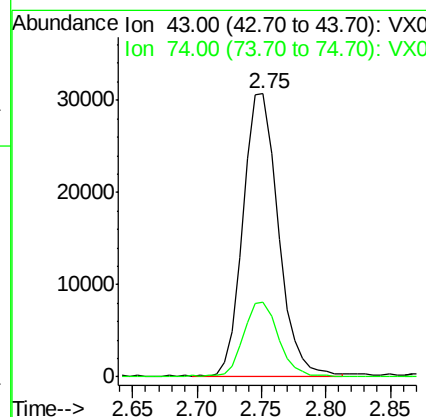
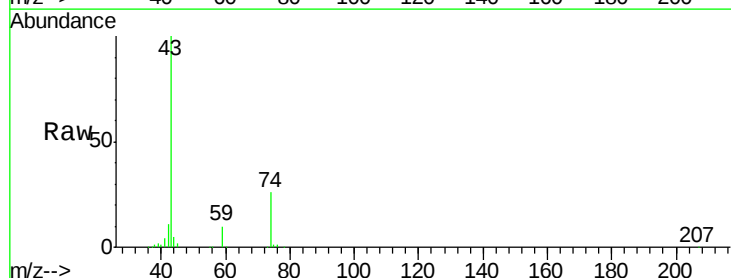
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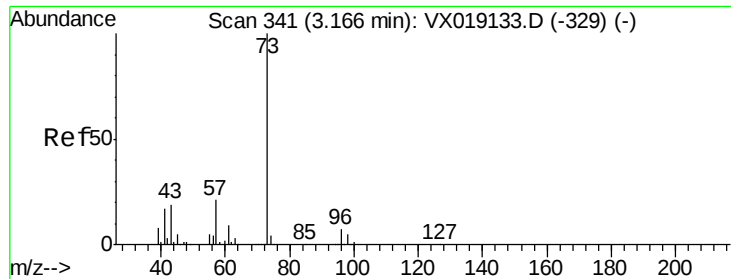
MMDadoda
11/4/2020 11:58:48 AM



#18
Methyl Acetate
Concen: 19.537 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	22.6	33.8





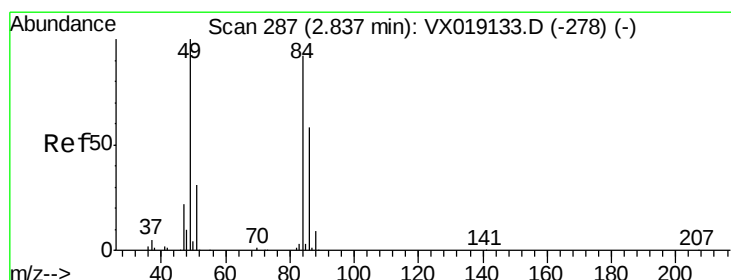
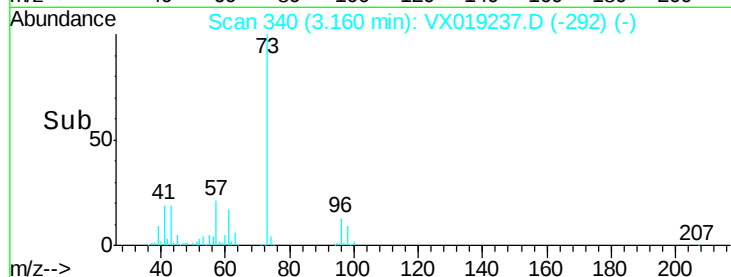
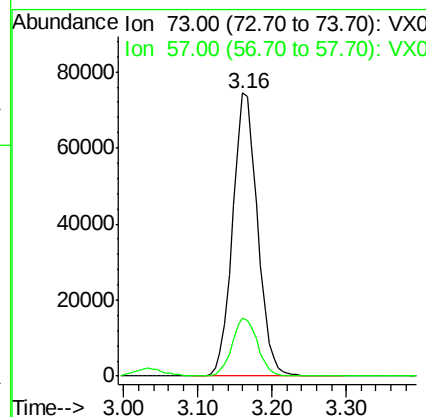
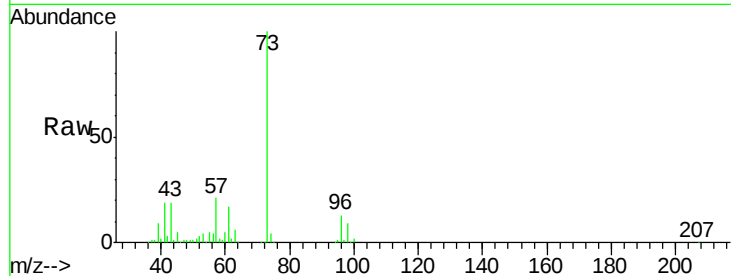
#19
Methvl tert-butvl Ether
Concen: 19.029 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion: 73 Resp: 174535
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0

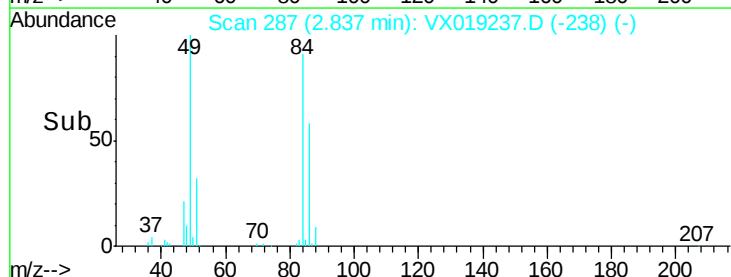
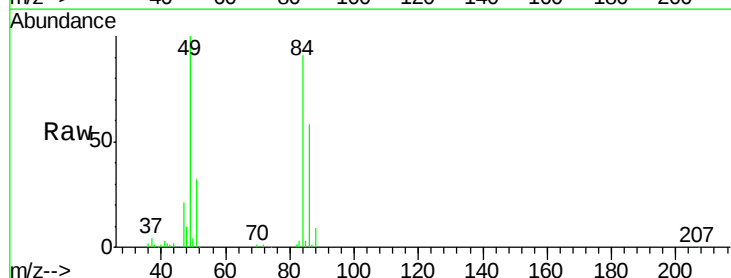
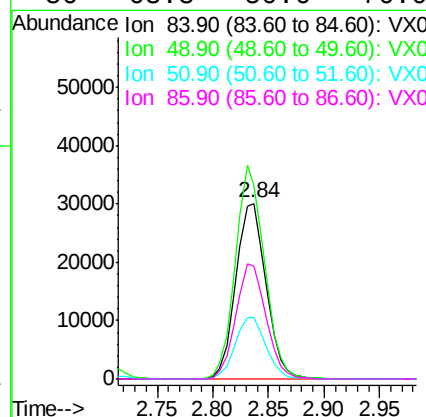
Manual Integrations
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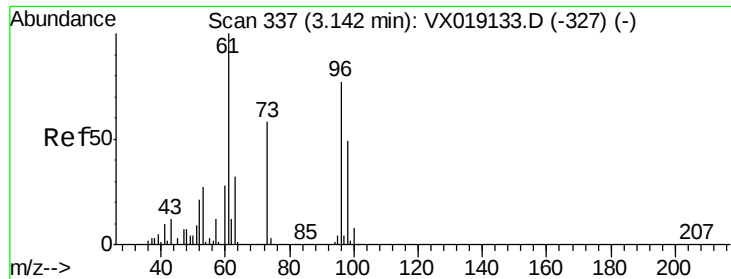
MMDadoda
11/4/2020 11:58:48 AM



#20
Methylene Chloride
Concen: 18.646 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion: 84 Resp: 56882
Ion Ratio Lower Upper
84 100
49 110.1 86.8 130.2
51 34.9 27.3 40.9
86 63.8 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 18.088 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

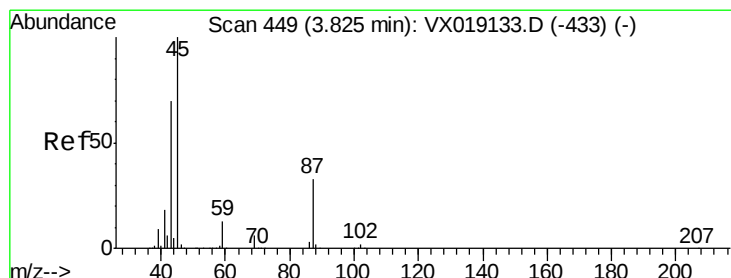
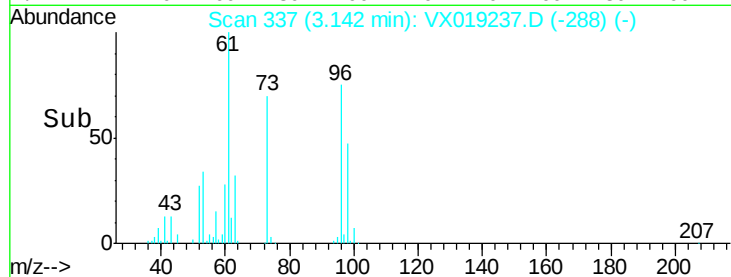
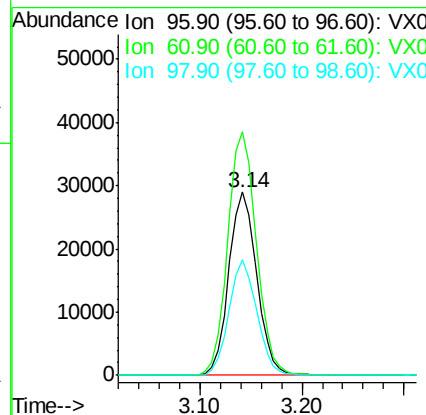
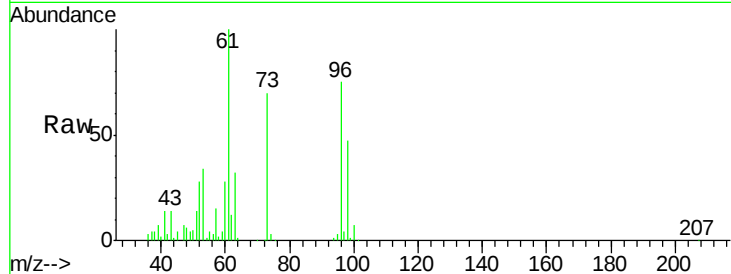
ClientSampleId :

VX1104WBS01

Tot Ion:	96	Resp:	55108
Ion	Ratio	Lower	Upper
96	100		
61	133.1	104.2	156.4
98	63.0	51.3	76.9

Manual Integrations
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11/4/2020 11:58:48 AM



#22

Diisopropyl ether

Concen: 20.239 ug/l

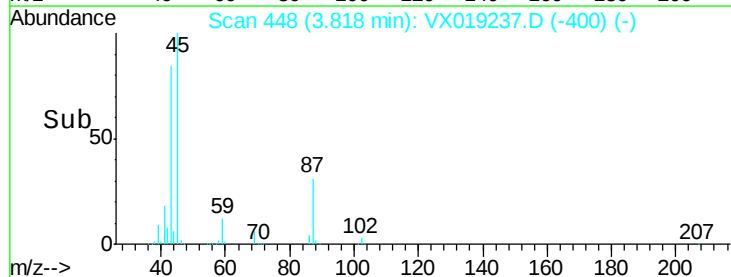
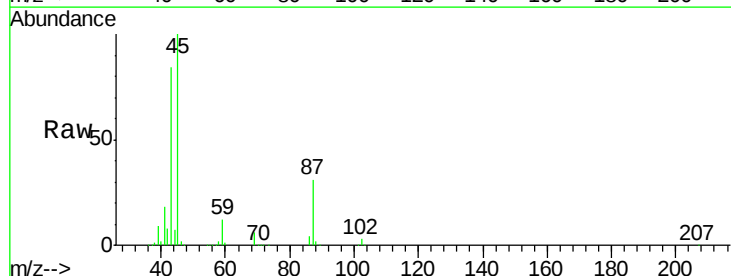
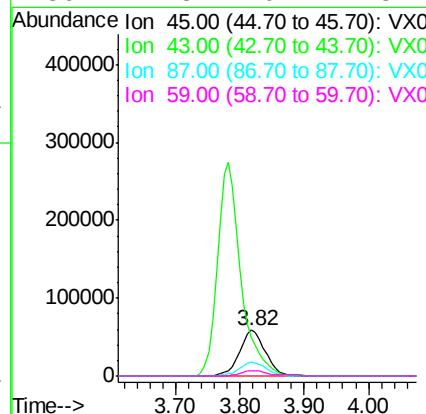
RT: 3.82 min Scan# 448

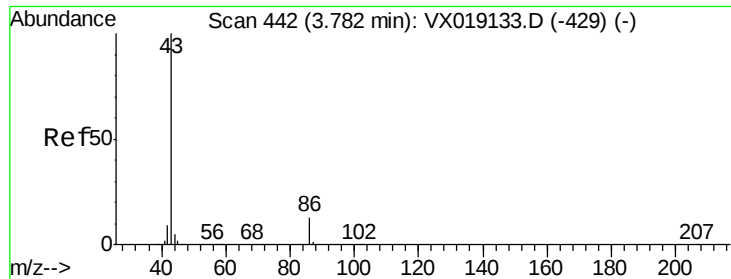
Delta R.T. -0.01 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Tgt Ion:	45	Resp:	161783
Ion	Ratio	Lower	Upper
45	100		
43	84.0	56.2	84.4
87	30.9	26.2	39.2
59	12.3	10.1	15.1





#23

Vinyl Acetate

Concen: 98.275 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tot Ion: 43 Resp: 700536

Ion Ratio Lower Upper

43 100

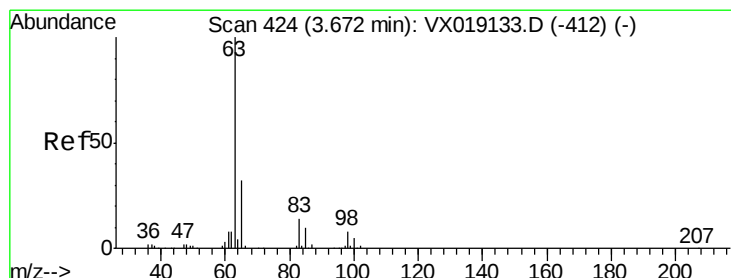
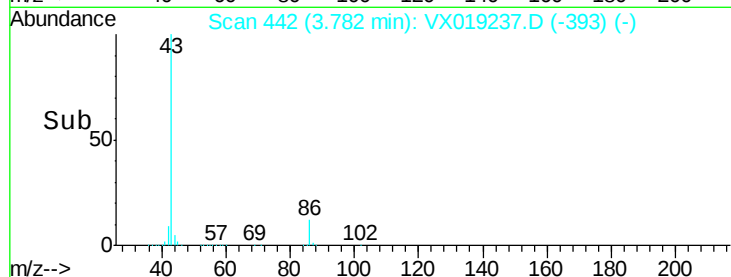
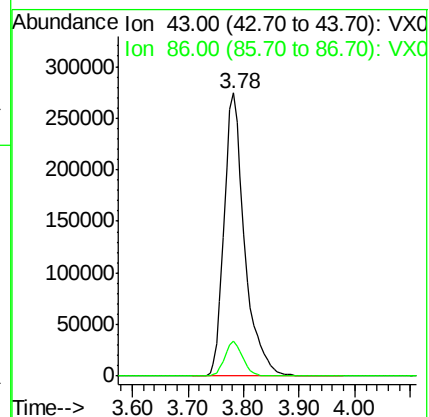
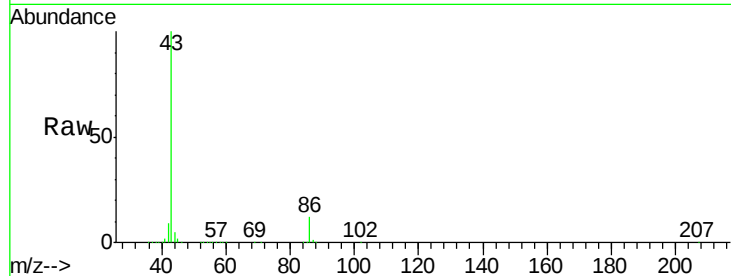
86 12.3 10.4 15.6

Manual Integrations

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11/4/2020 11:58:48 AM



#24

1,1-Dichloroethane

Concen: 19.471 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

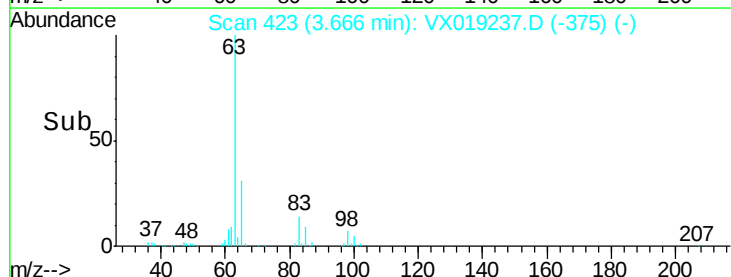
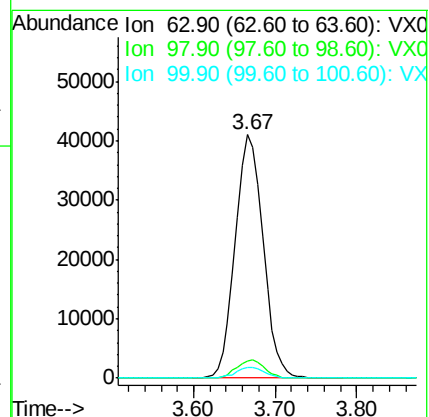
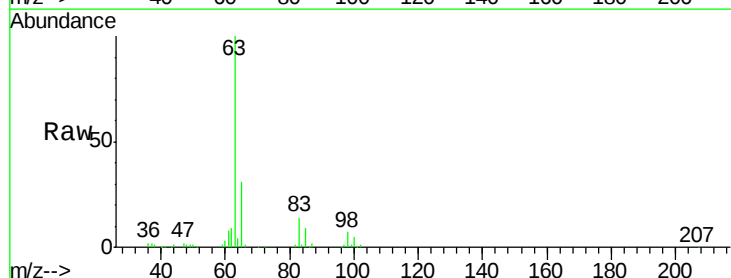
Tgt Ion: 63 Resp: 97177

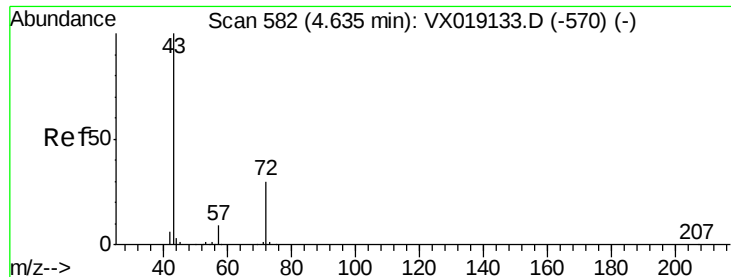
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 99.023 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tot Ion: 43 Resp: 189637

Ion Ratio Lower Upper

43 100

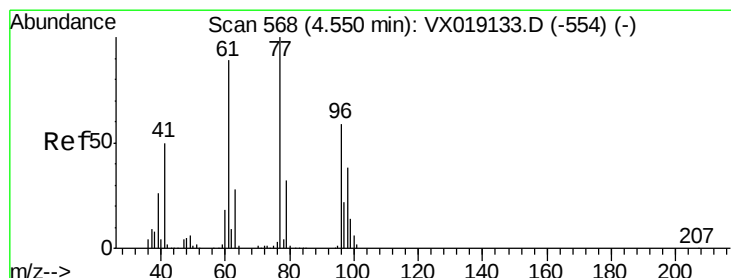
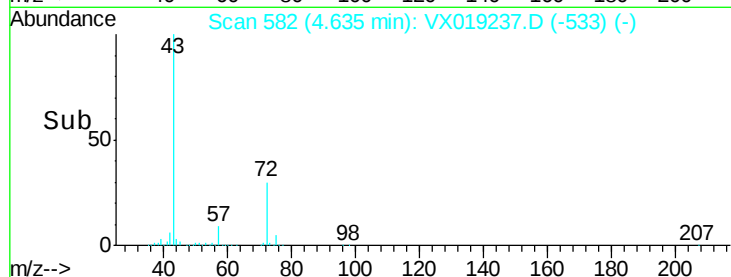
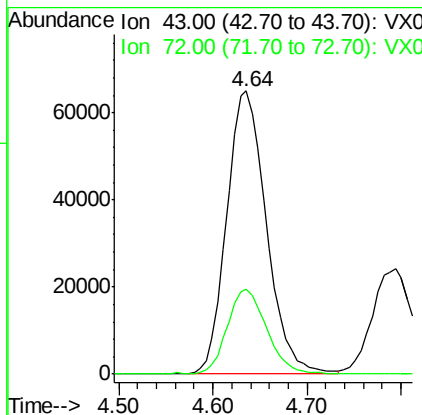
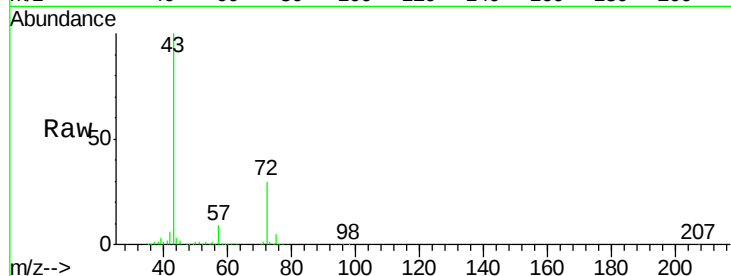
72 30.0 24.6 36.8

Manual Integrations

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11/4/2020 11:58:48 AM



#26

2,2-Dichloropropane

Concen: 18.997 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019237.D

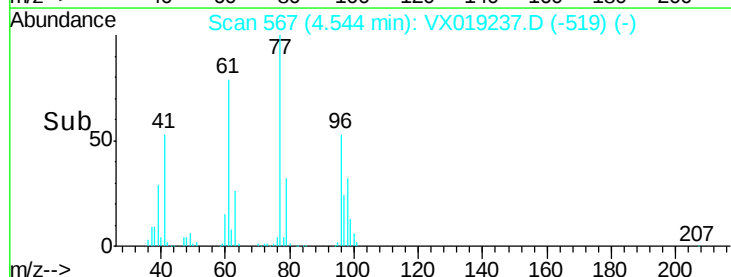
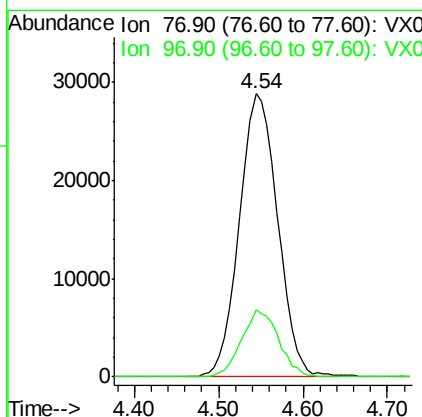
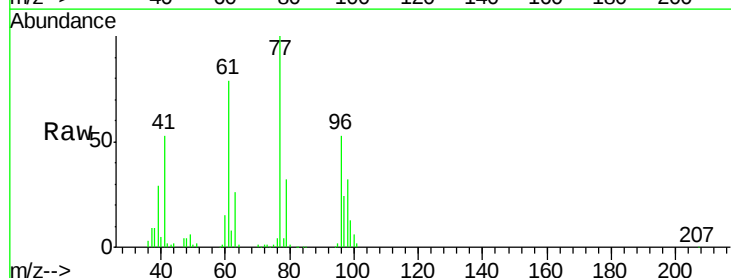
Acq: 03 Nov 2020 16:56

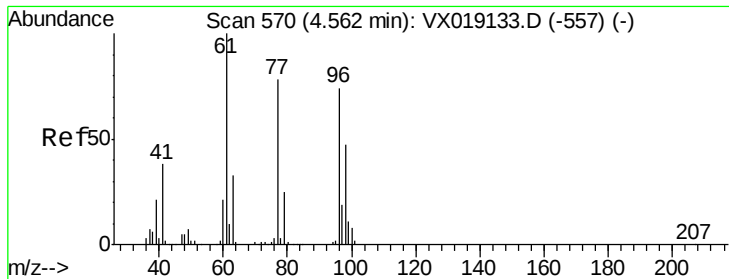
Tgt Ion: 77 Resp: 89134

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1





#27

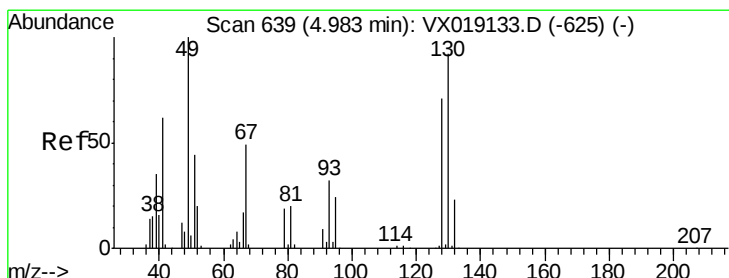
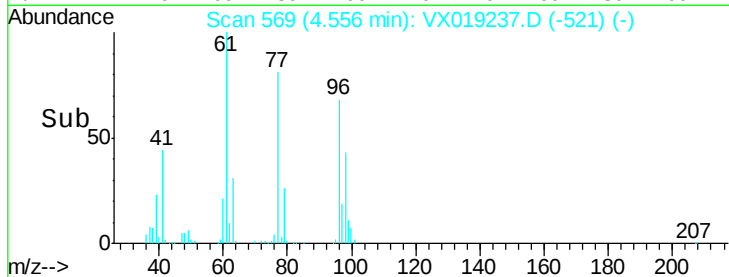
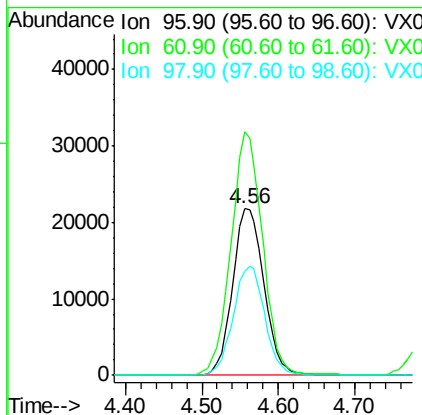
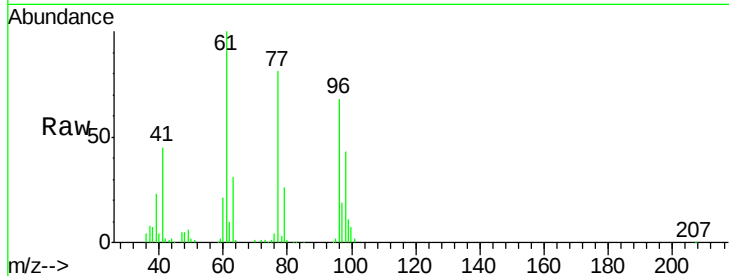
cis-1,2-Dichloroethene
Concen: 18.219 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	278.8
98	65.8	0.0	130.2

Manual Integrations
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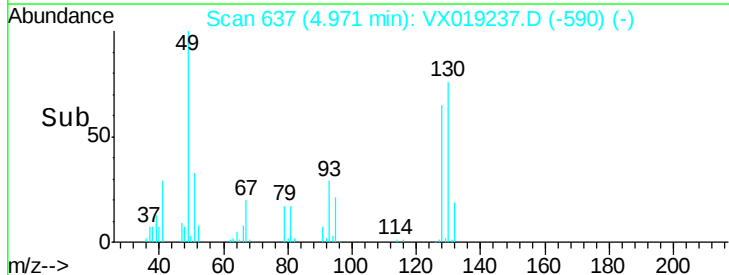
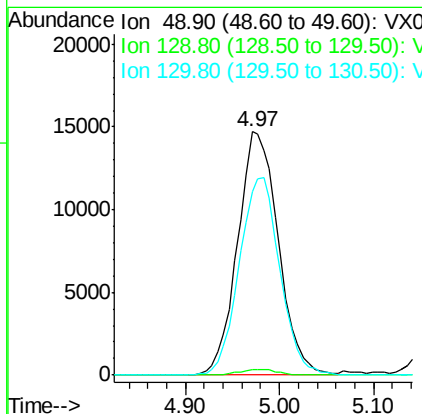
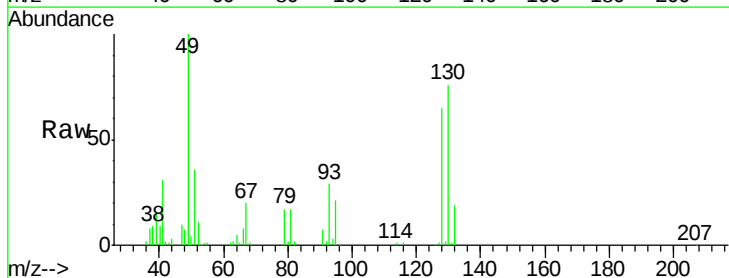
MMDadoda
11/4/2020 11:58:48 AM

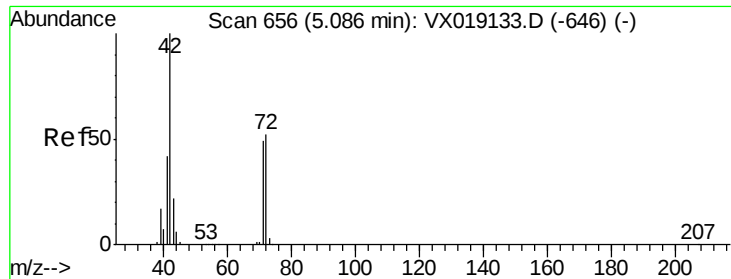


#28

Bromochloromethane
Concen: 19.527 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	80.9	71.3	106.9





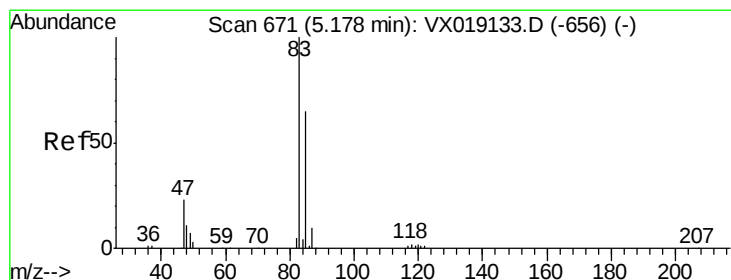
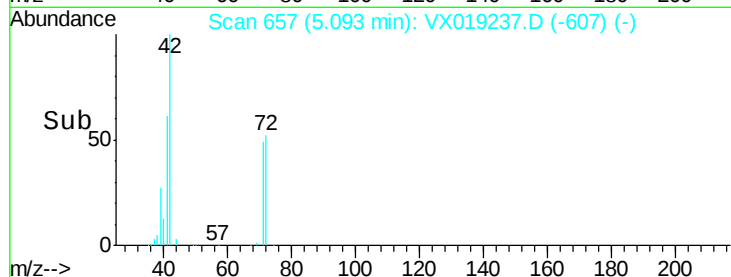
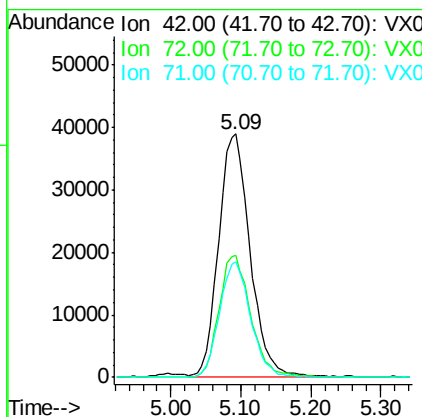
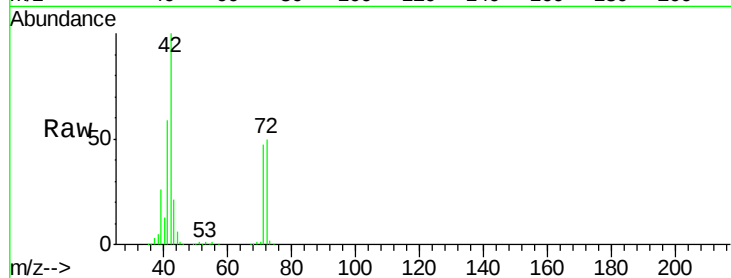
#29
Tetrahydrofuran
Concen: 99.974 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.0	42.6	63.8
71	47.2	39.7	59.5

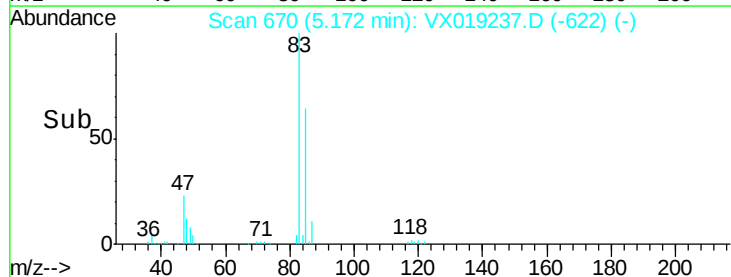
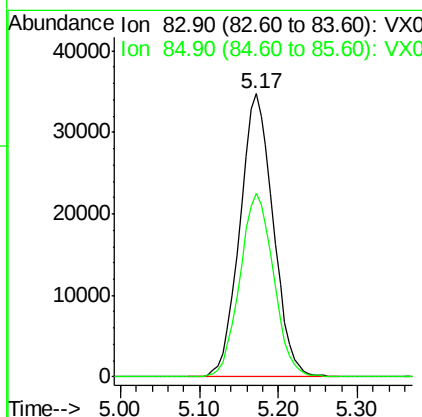
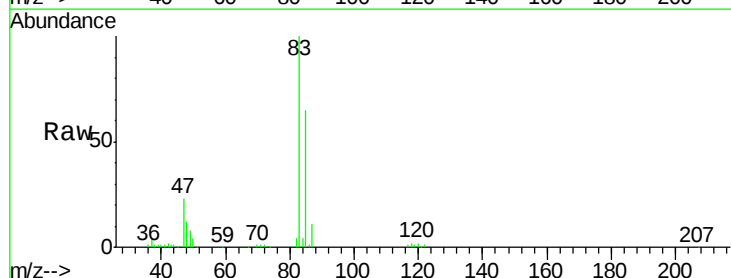
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APPROVED

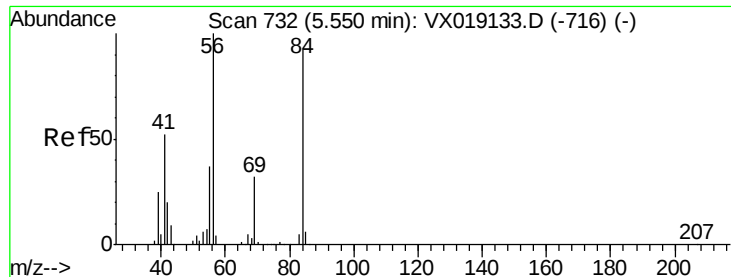
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11/4/2020 11:58:48 AM



#30
Chloroform
Concen: 19.232 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.9	77.9





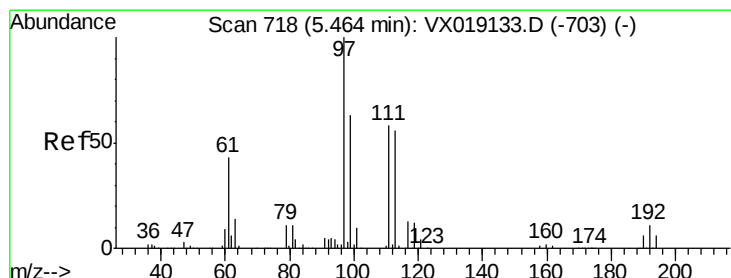
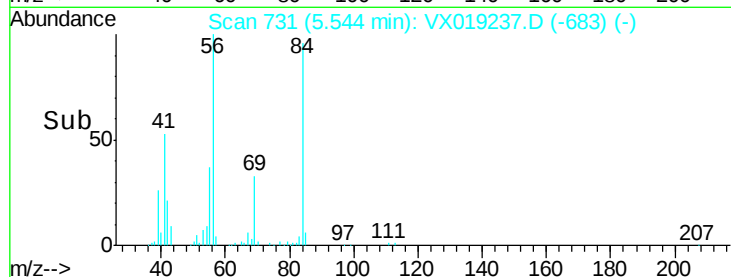
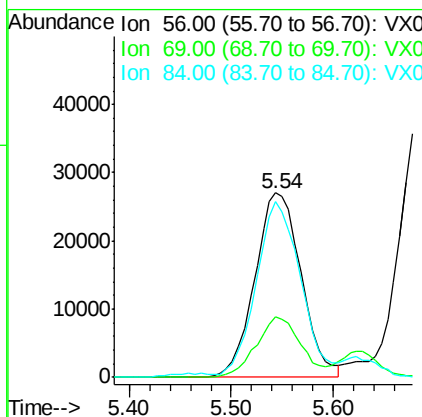
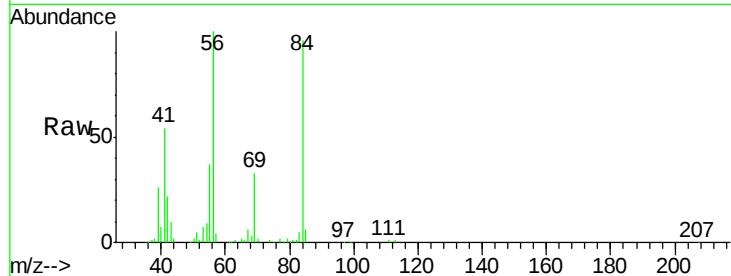
#31
Cvclohexane
Concen: 19.086 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.1	25.9	38.9
84	93.5	73.4	110.2

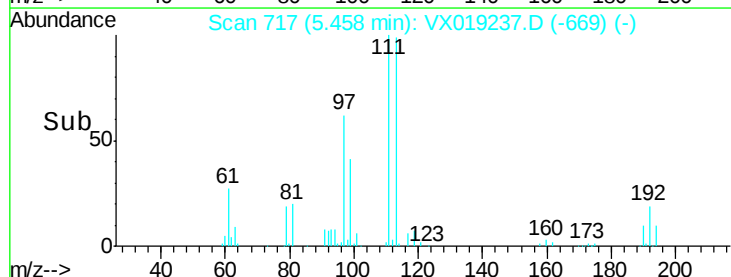
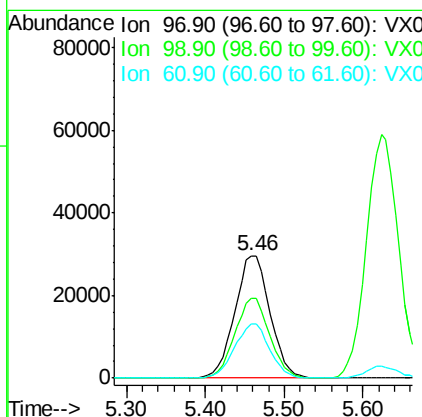
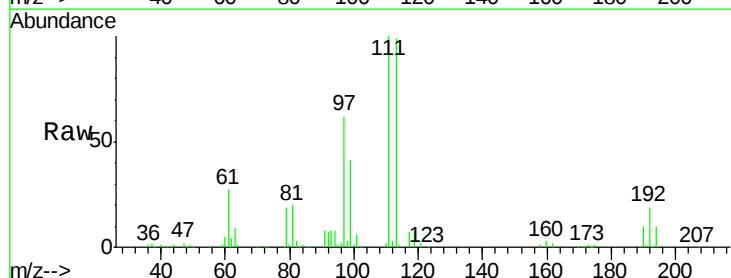
Manual Integrations
APPROVED

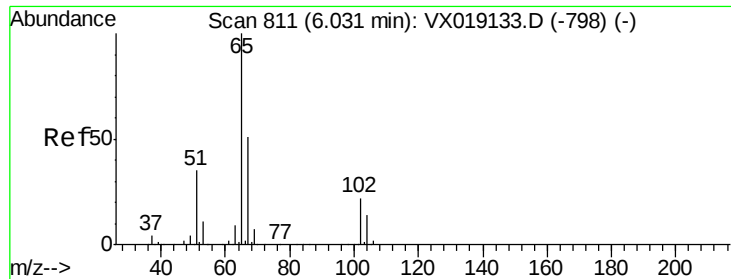
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#32
1,1,1-Trichloroethane
Concen: 19.054 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	44.2	34.2	51.2





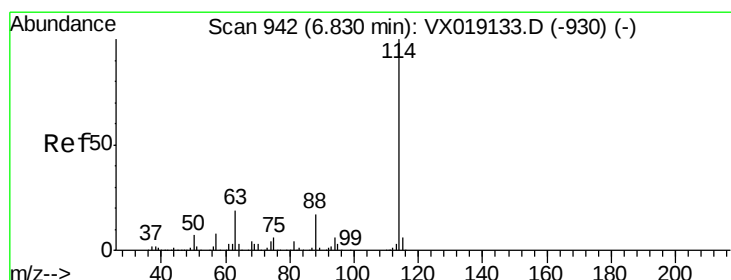
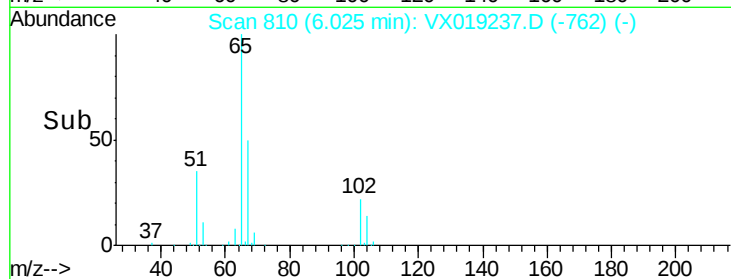
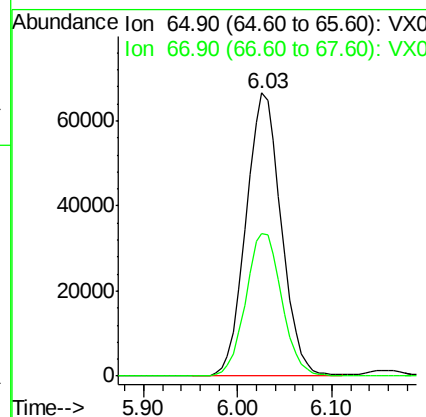
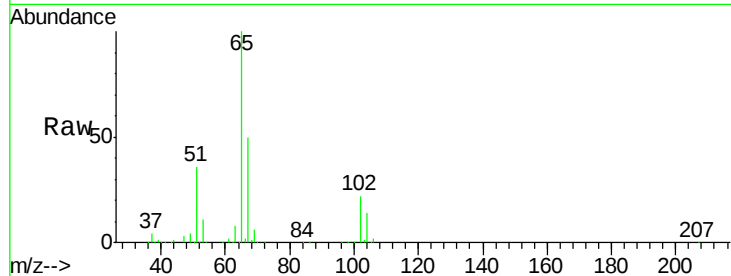
#33
 1,2-Dichloroethane-d4
 Concen: 49.530 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019237.D
 Acq: 03 Nov 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.0

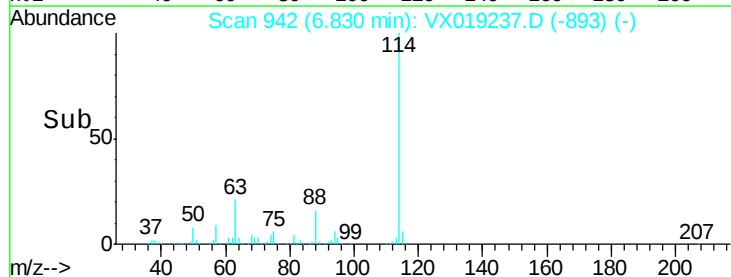
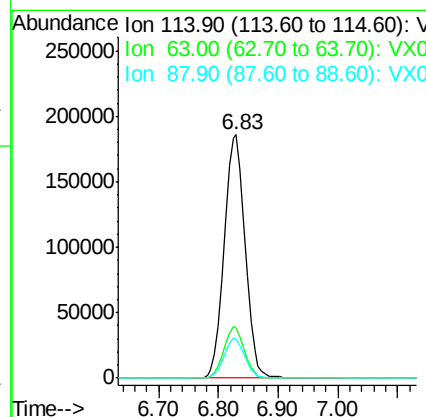
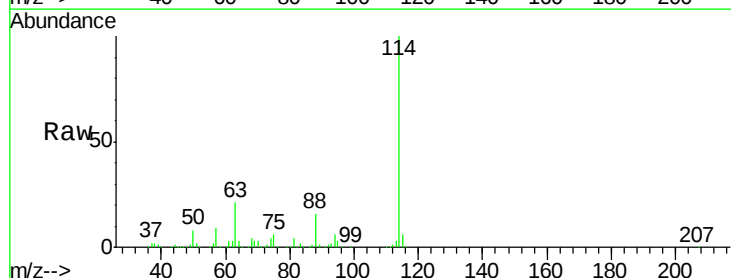
Manual Integrations
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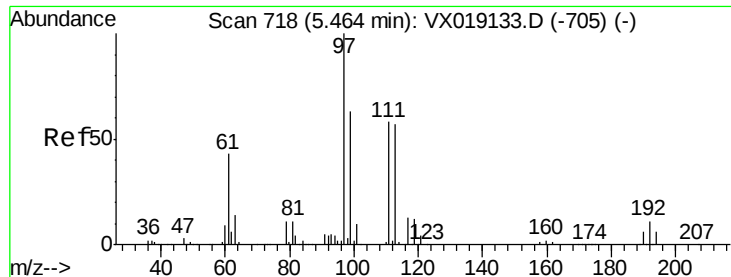
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019237.D
 Acq: 03 Nov 2020 16:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	38.8
88	16.1	0.0	34.2





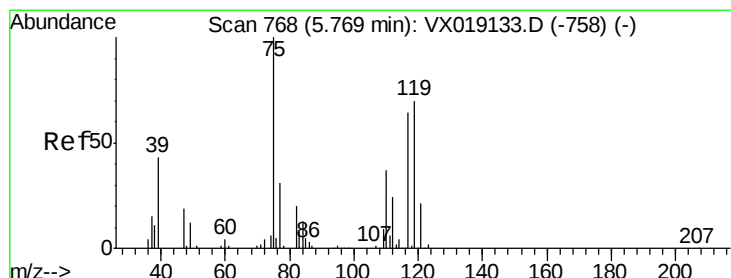
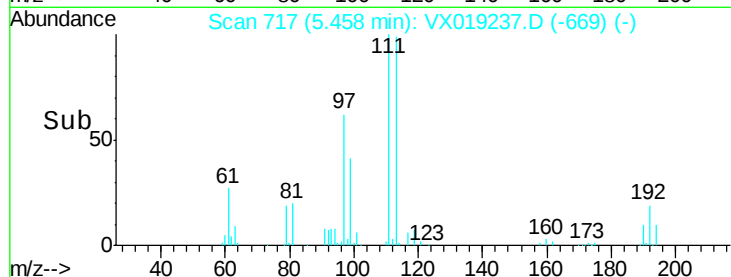
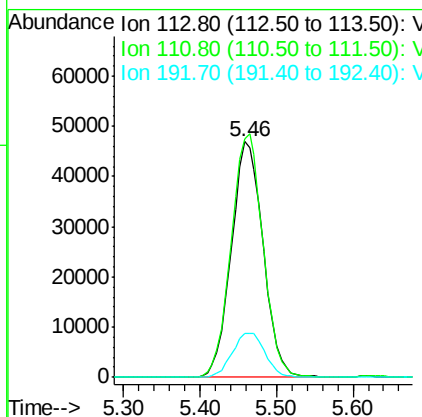
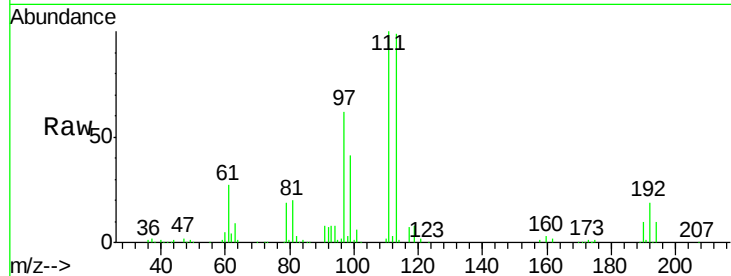
#35
 Dibromofluoromethane
 Concen: 47.411 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX019237.D
 Acq: 03 Nov 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135227		
111	103.6	82.3	123.5	
192	19.4	16.2	24.2	

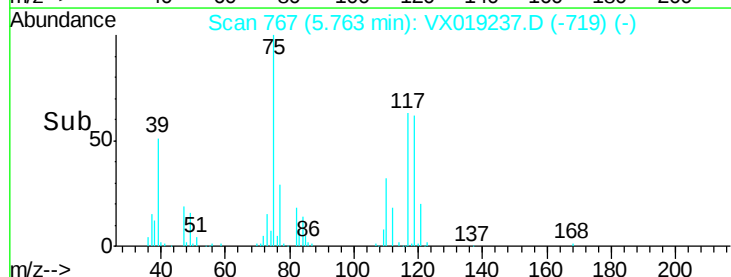
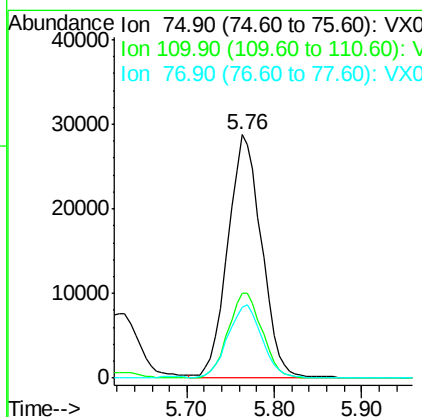
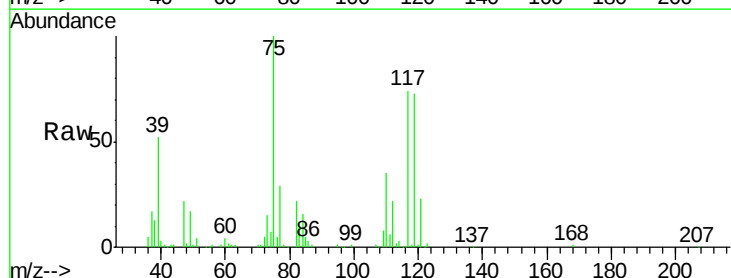
Manual Integrations
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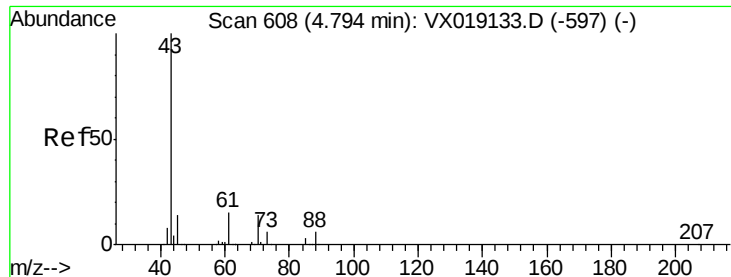
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#36
 1,1-Dichloropropene
 Concen: 18.466 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX019237.D
 Acq: 03 Nov 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	77428		
110	35.3	18.3	54.9	
77	30.7	24.9	37.3	





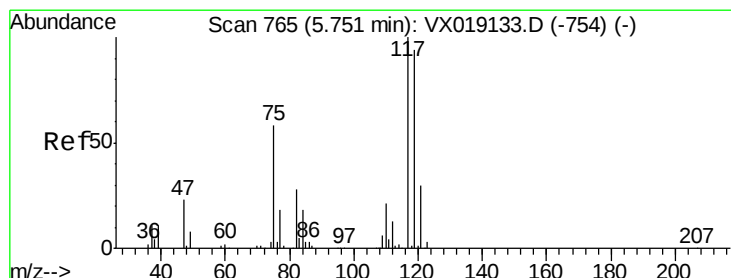
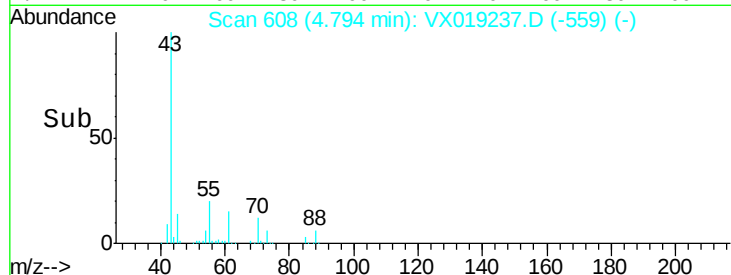
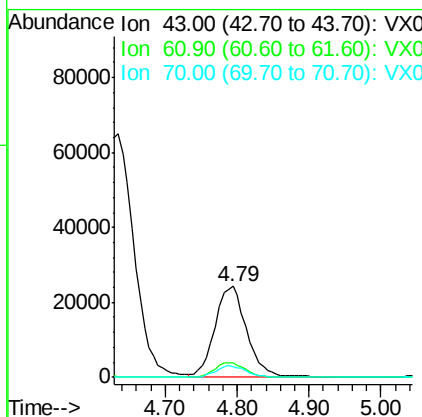
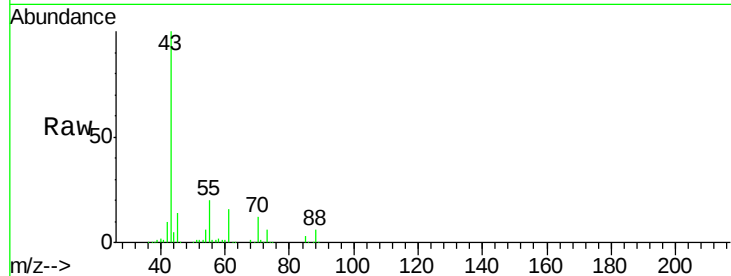
#37
Ethyl Acetate
Concen: 18.838 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.5	18.7
70	12.5	10.5	15.7

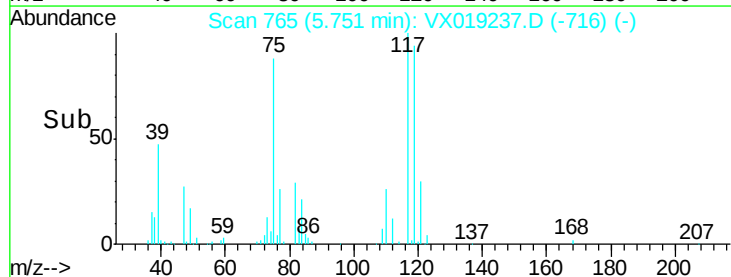
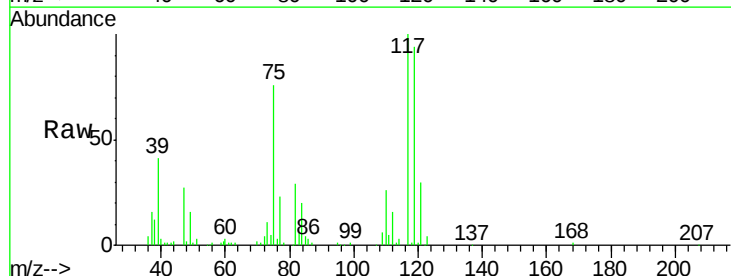
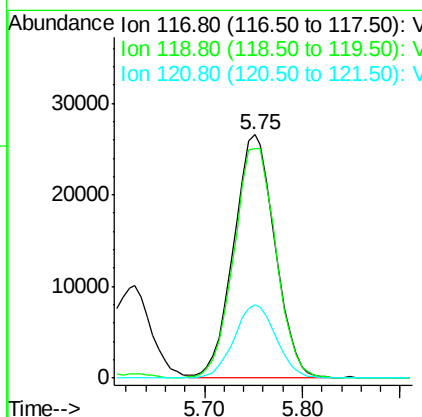
Manual Integrations
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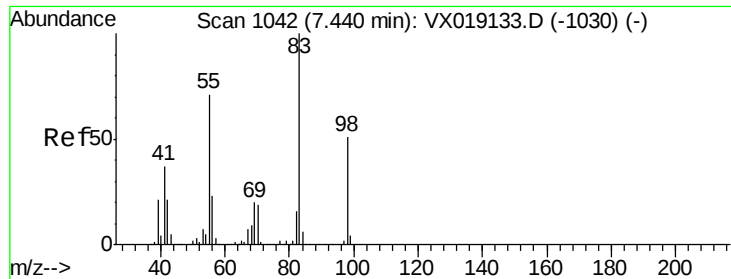
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#38
Carbon Tetrachloride
Concen: 18.216 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.0	112.6
121	30.2	23.9	35.9





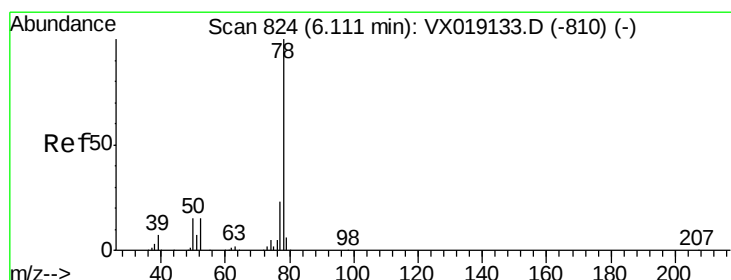
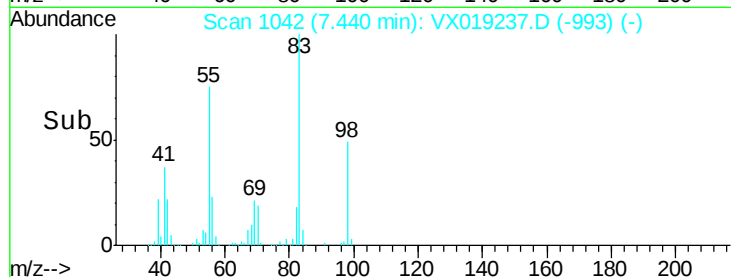
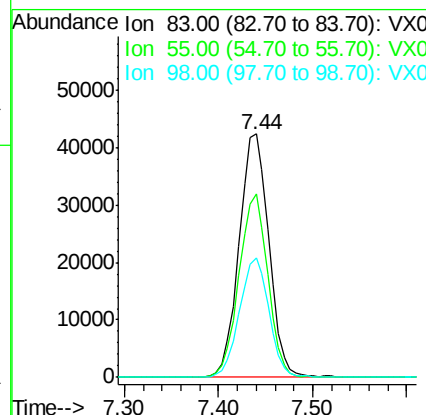
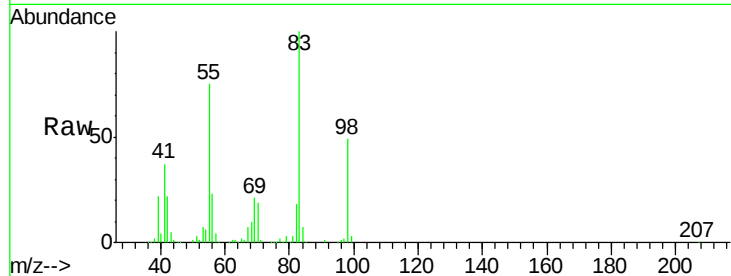
#39
Methvlcvclohexane
Concen: 18.632 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion	83	Resp	93417
Ion Ratio	100	Lower	Upper
83	100		
55	75.3	57.0	85.6
98	49.0	40.5	60.7

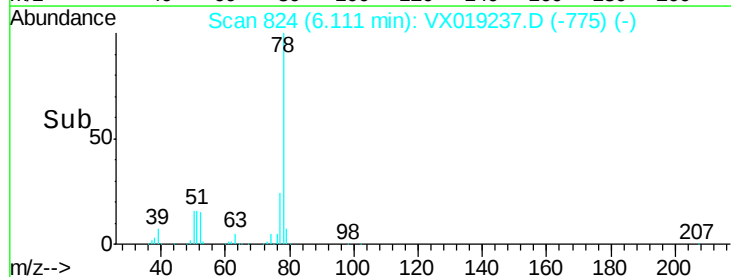
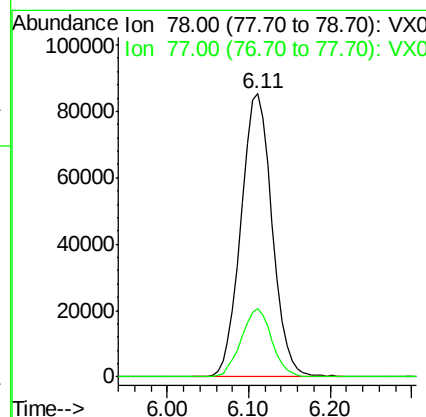
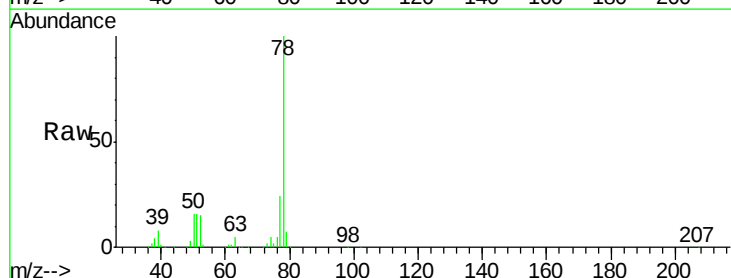
Manual Integrations
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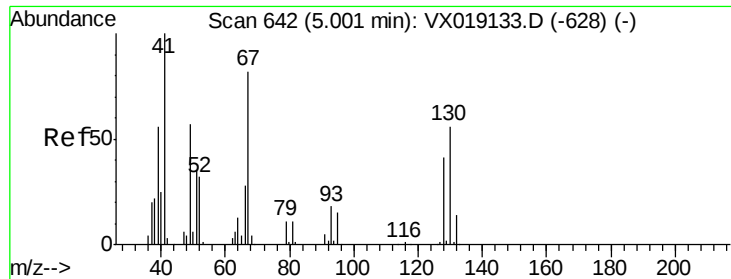
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#40
Benzene
Concen: 19.016 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	78	Resp	226075
Ion Ratio	100	Lower	Upper
78	100		
77	24.2	18.7	28.1





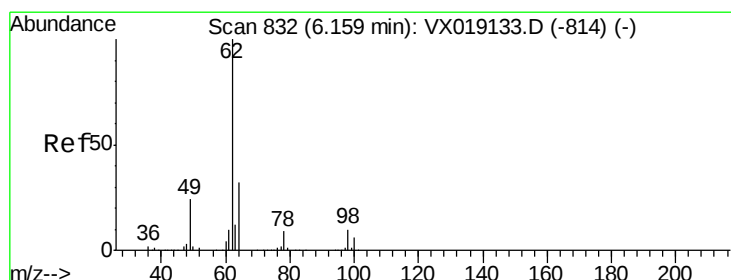
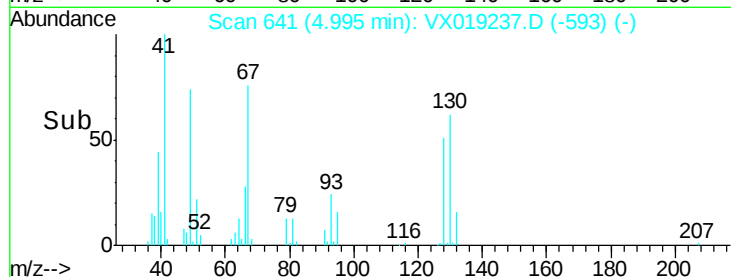
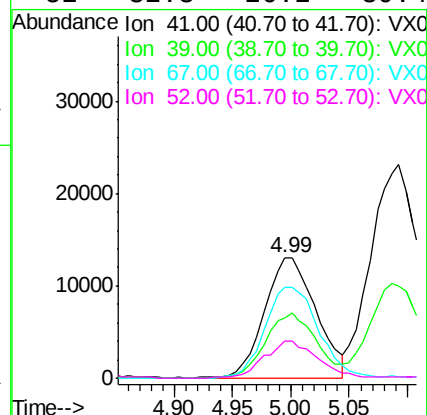
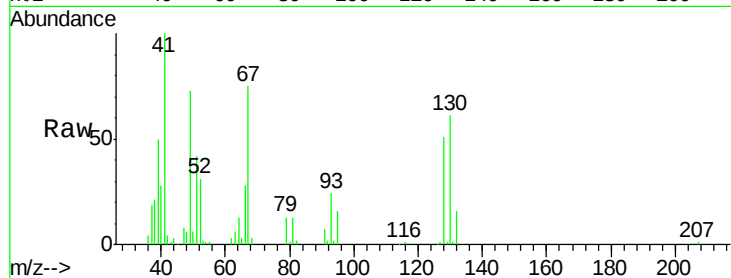
#41
Methacrylonitrile
Concen: 19.181 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.7	44.4	66.6	
67	78.5	66.4	99.6	
52	32.3	26.2	39.4	

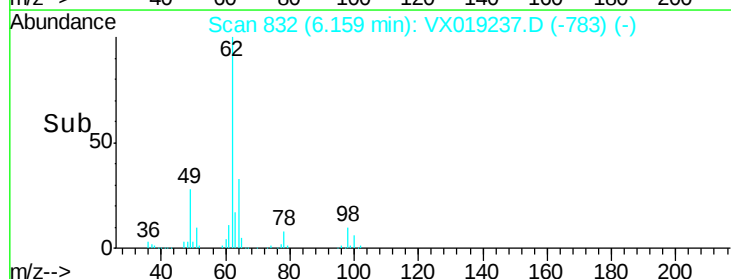
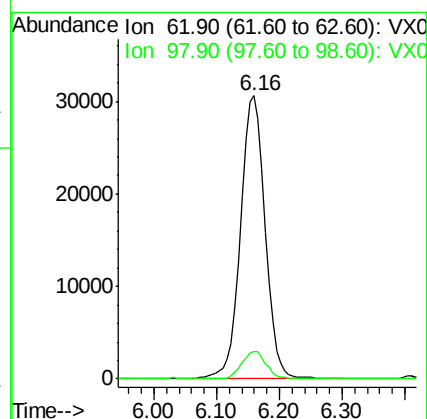
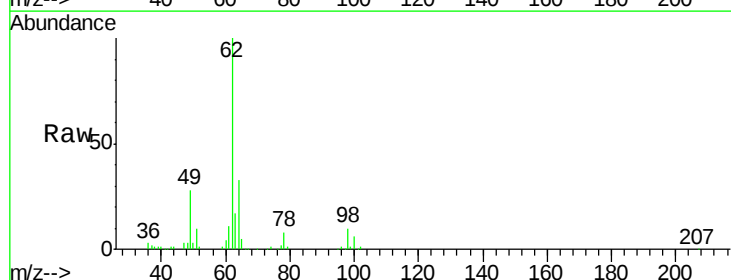
Manual Integrations
APPROVED

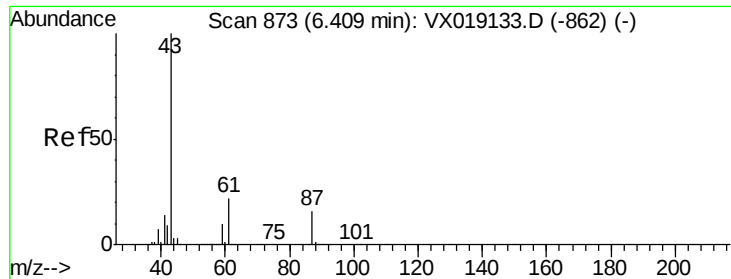
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11/4/2020 11:58:48 AM



#42
1,2-Dichloroethane
Concen: 19.010 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	19.0	





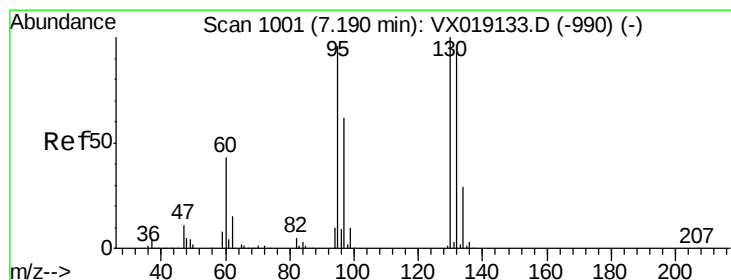
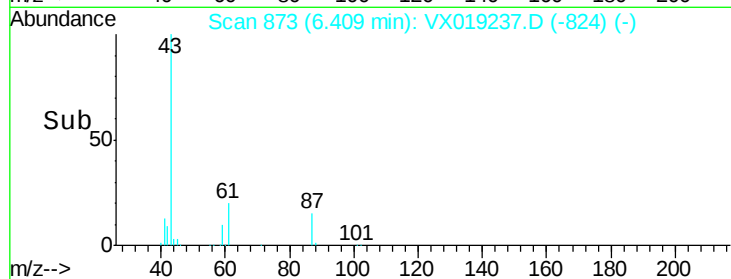
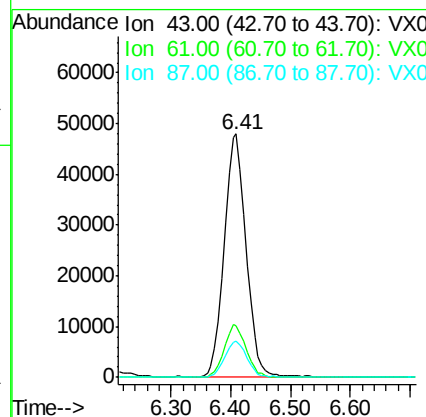
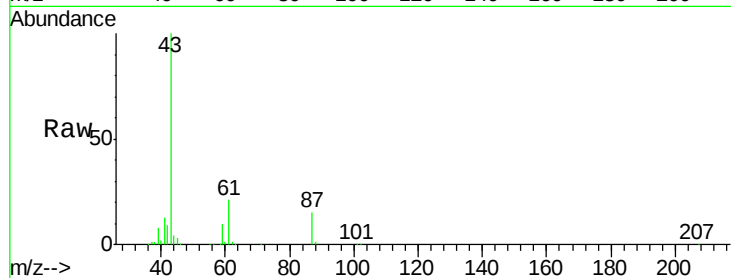
#43
Isopropyl Acetate
Concen: 18.690 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.8	26.6
87	15.3	12.6	19.0

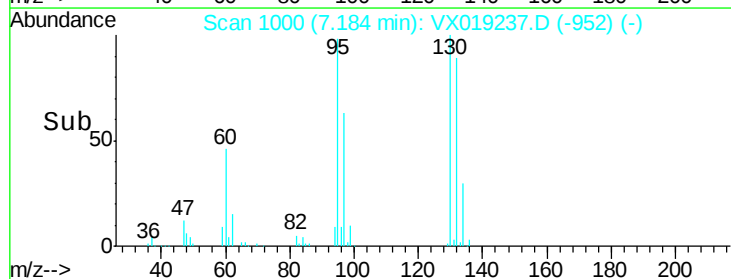
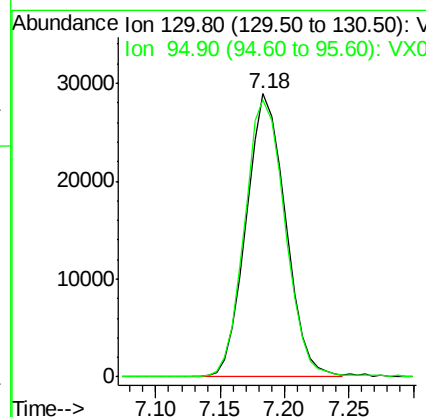
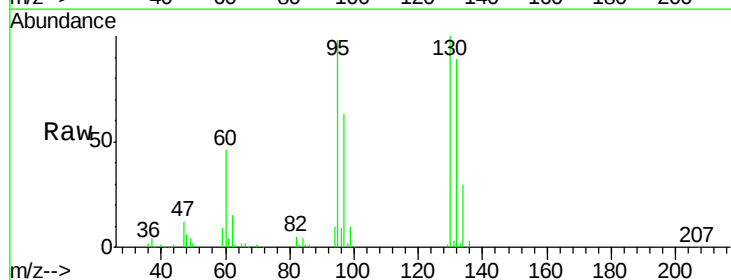
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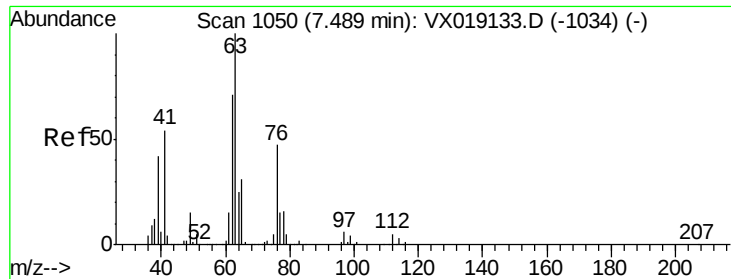
MMDadoda
11/4/2020 11:58:48 AM



#44
Trichloroethene
Concen: 18.015 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	192.0





#45

1,2-Dichloropropane

Concen: 19.395 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tot Ion: 63 Resp: 56478

Ion Ratio Lower Upper

63 100

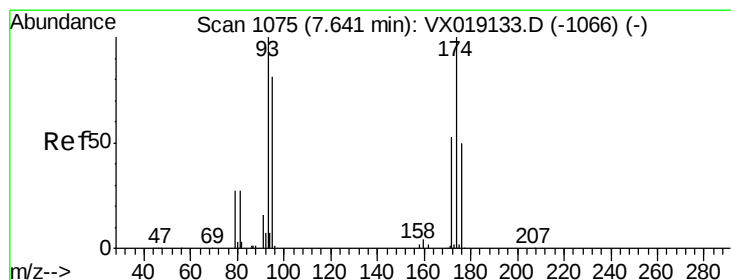
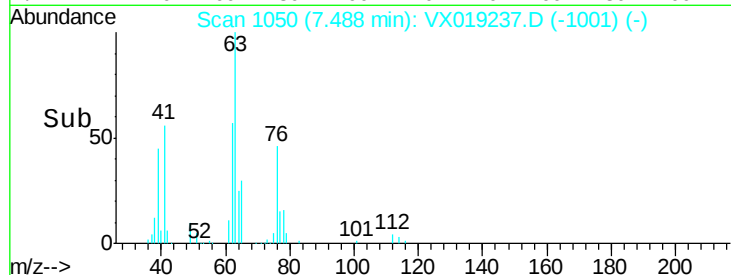
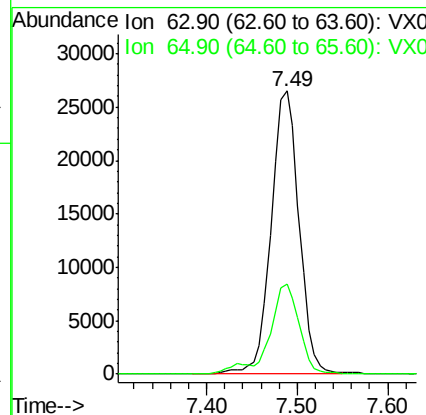
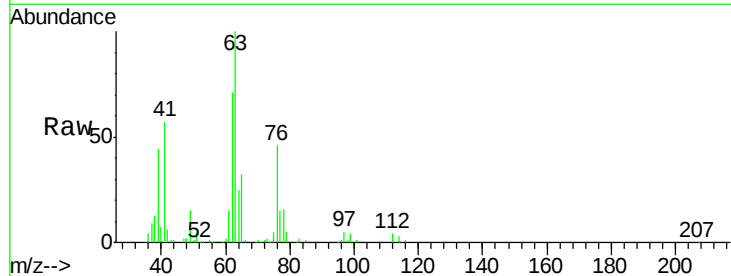
65 31.7 25.2 37.8

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#46

Dibromomethane

Concen: 18.553 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

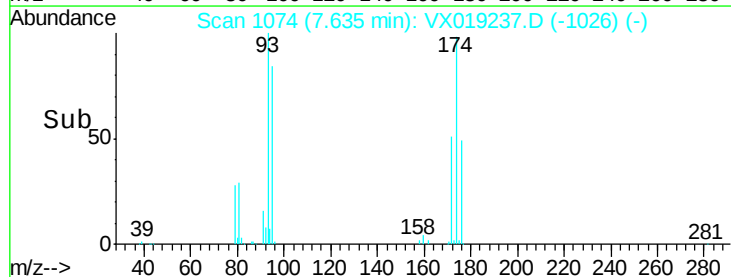
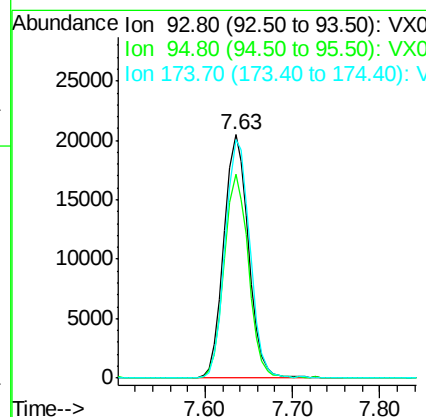
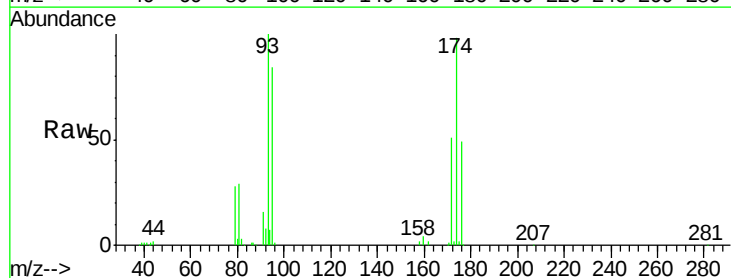
Tgt Ion: 93 Resp: 39951

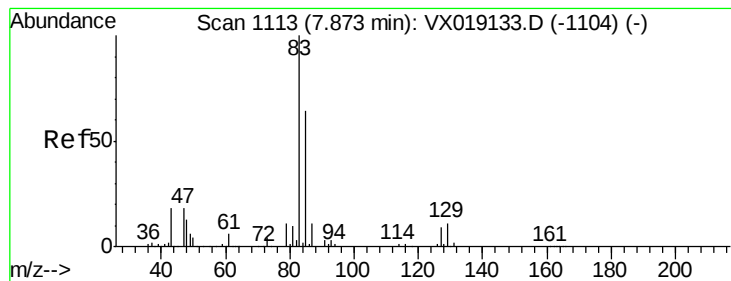
Ion Ratio Lower Upper

93 100

95 82.5 67.0 100.6

174 98.7 81.7 122.5





#47

Bromodichloromethane

Concen: 18.868 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

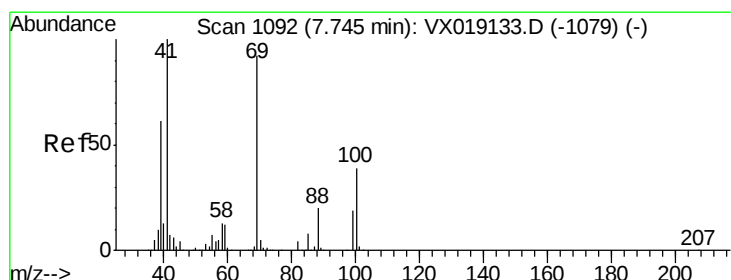
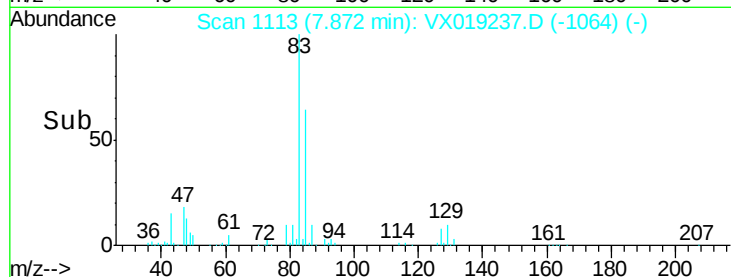
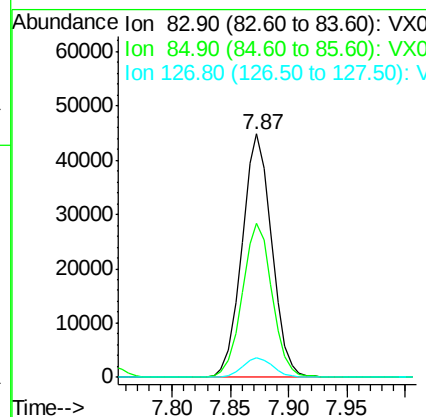
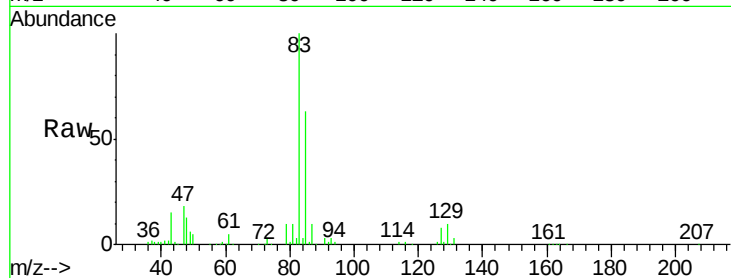
ClientSampleId :

VX1104WBS01

Tot Ion:	83	Resp:	80081
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.2	76.8
127	8.3	7.1	10.7

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#48

Methyl methacrylate

Concen: 19.044 ug/l

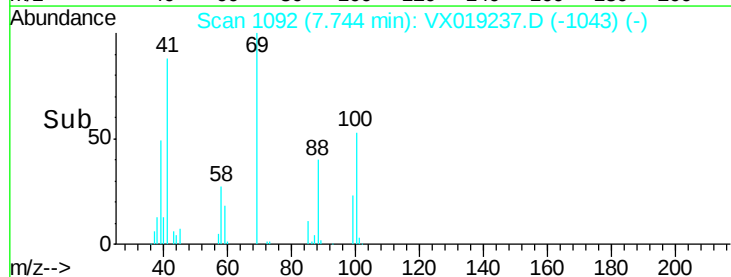
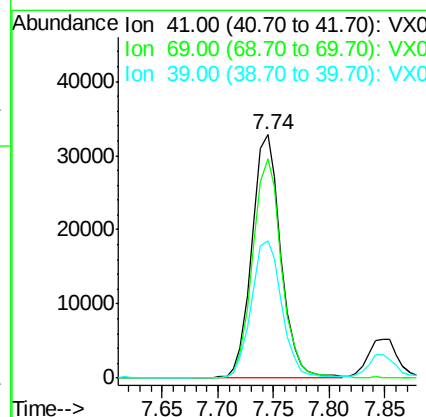
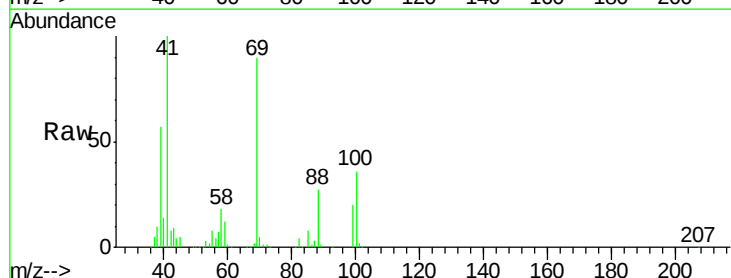
RT: 7.74 min Scan# 1092

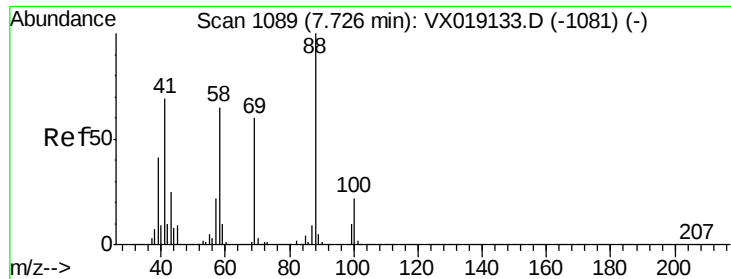
Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Tgt Ion:	41	Resp:	59753
Ion Ratio	Lower	Upper	
41	100		
69	89.9	75.5	113.3
39	59.3	48.9	73.3





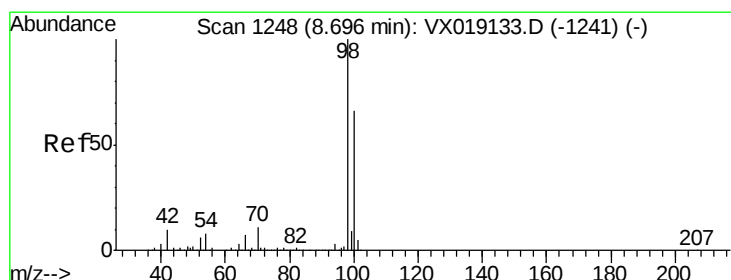
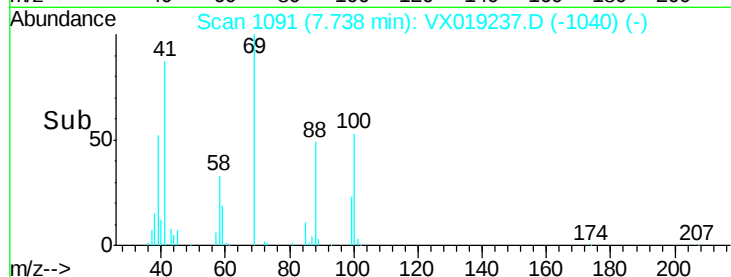
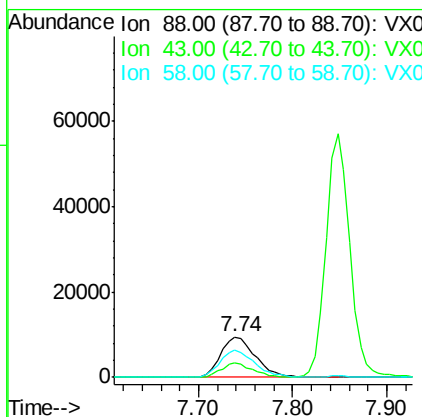
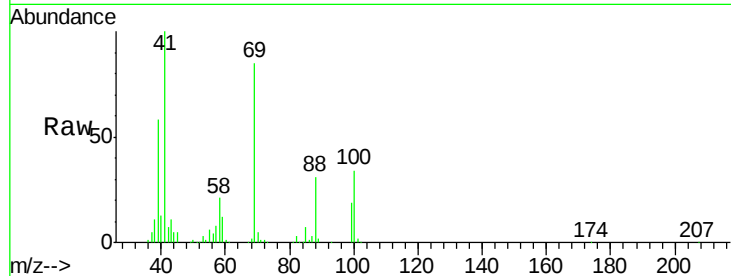
#49
1,4-Dioxane
Concen: 351.165 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion	88	Resp	24503
Ion Ratio	Lower	Upper	
88	100		
43	30.4	23.0	34.6
58	67.2	52.2	78.2

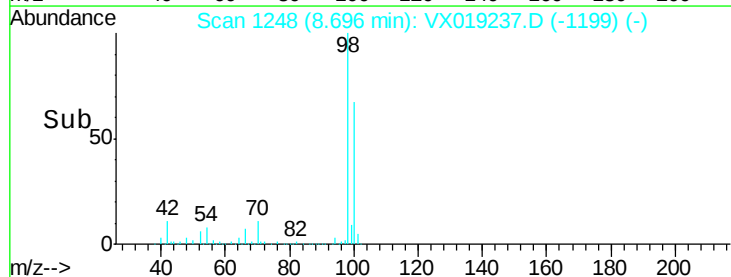
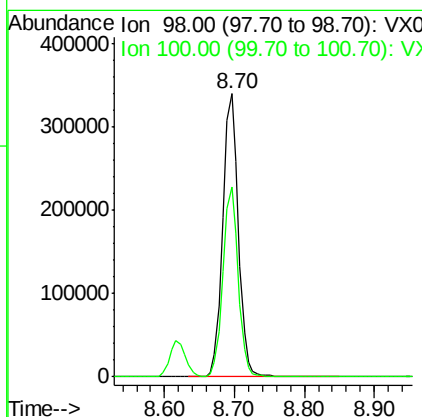
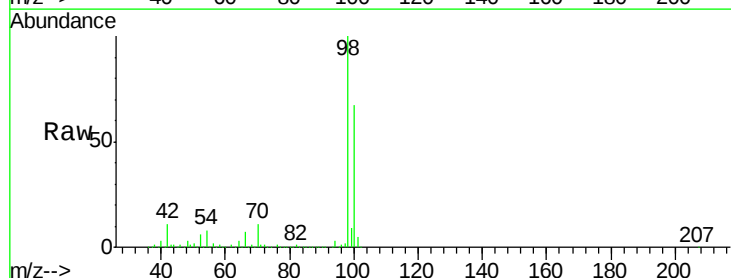
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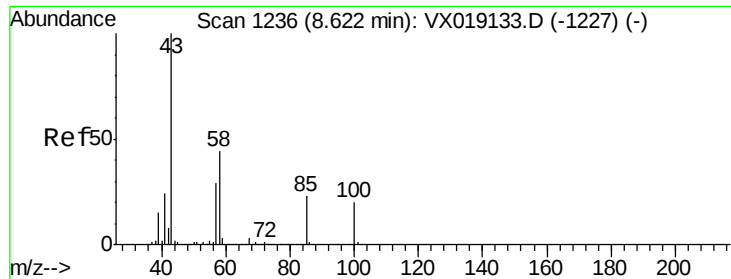
MMDadoda
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#50
Toluene-d8
Concen: 48.941 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	98	Resp	526215
Ion Ratio	Lower	Upper	
98	100		
100	65.9	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 98.596 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tot Ion: 43 Resp: 369409

Ion Ratio Lower Upper

43 100

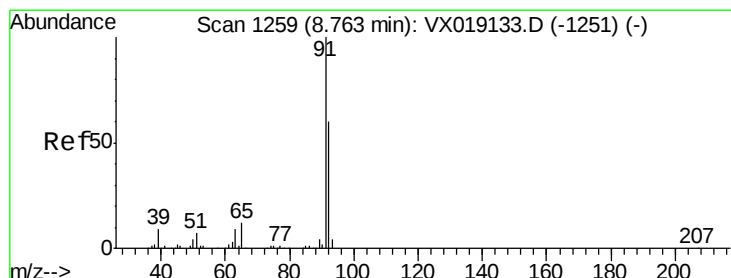
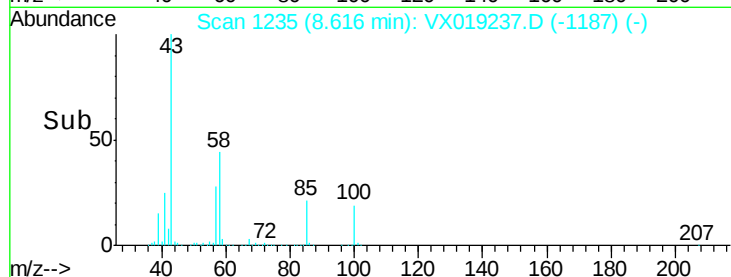
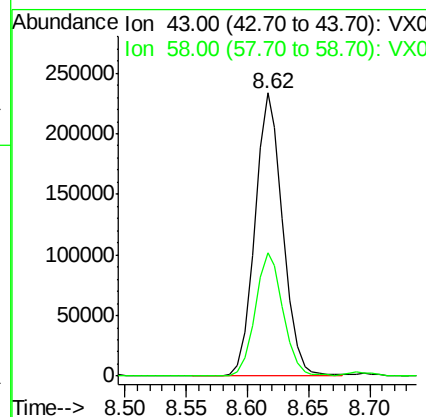
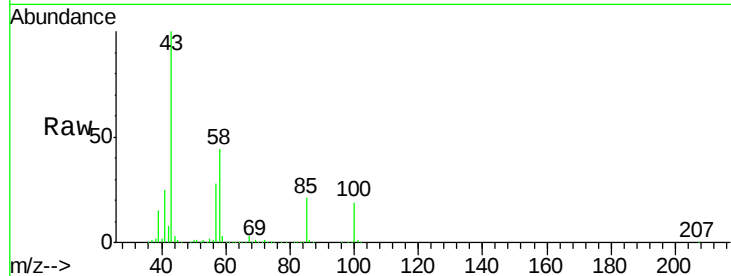
58 43.6 35.0 52.4

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#52

Toluene

Concen: 19.186 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019237.D

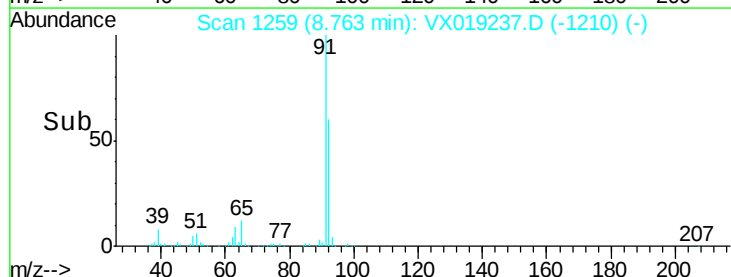
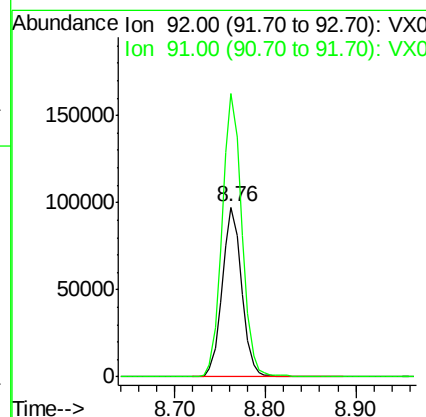
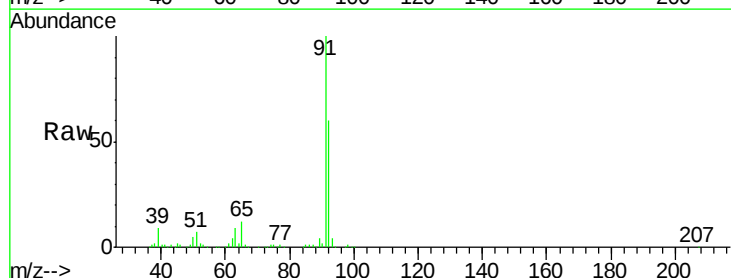
Acq: 03 Nov 2020 16:56

Tgt Ion: 92 Resp: 146912

Ion Ratio Lower Upper

92 100

91 169.4 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 18.109 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tot Ion: 75 Resp: 87788

Ion Ratio Lower Upper

75 100

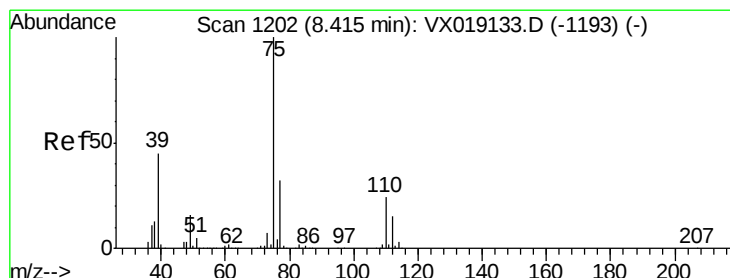
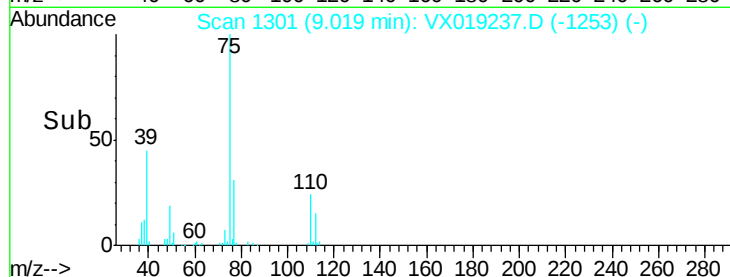
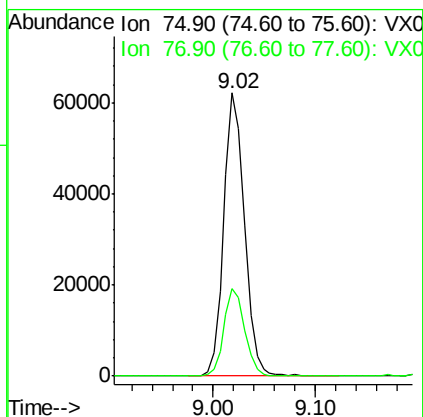
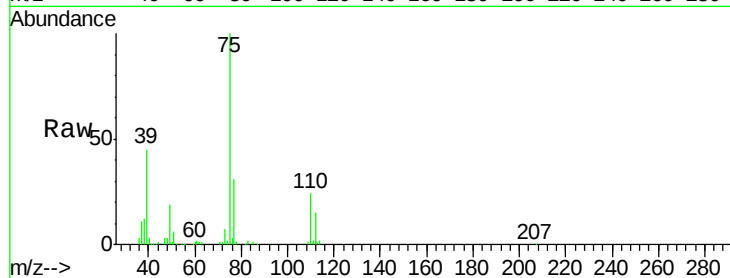
77 31.1 25.4 38.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.392 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

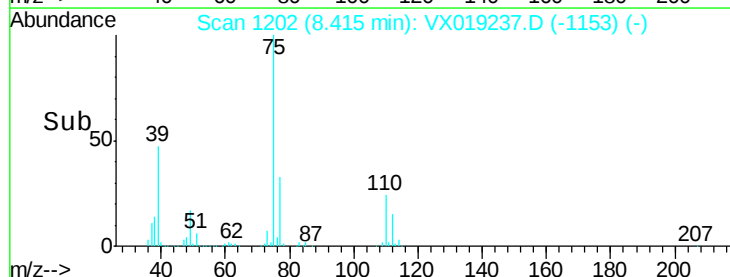
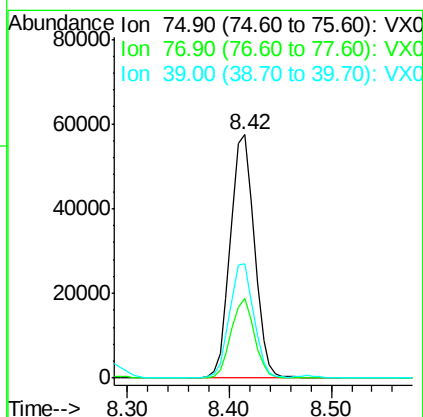
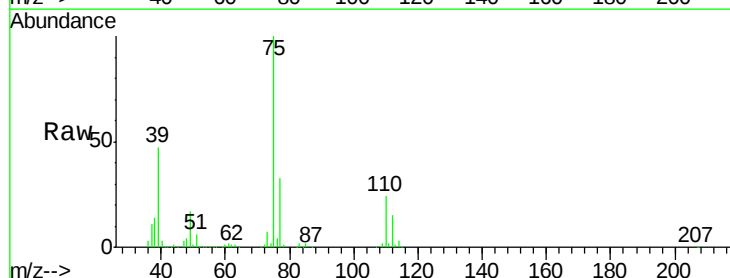
Tgt Ion: 75 Resp: 93757

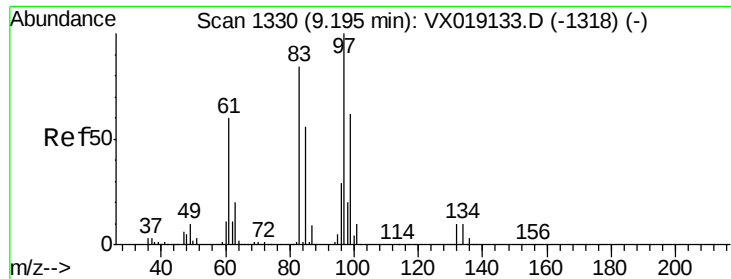
Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

39 47.1 36.2 54.2





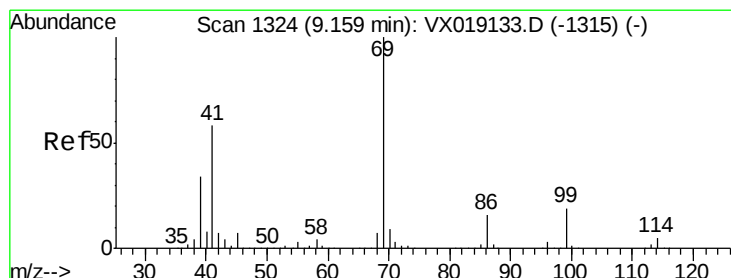
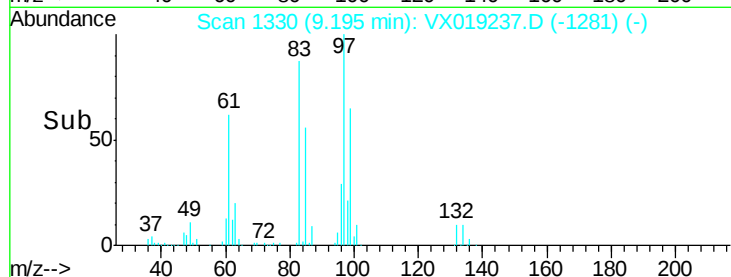
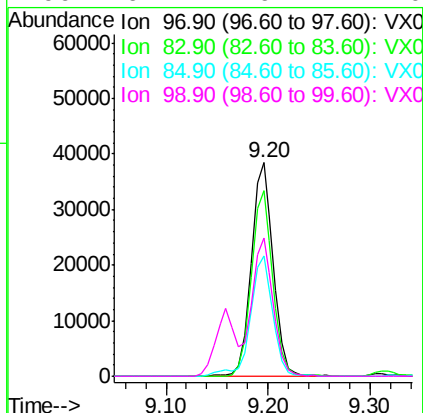
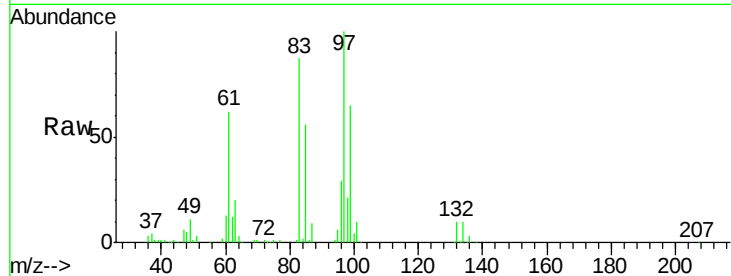
#55
1,1,2-Trichloroethane
Concen: 19.082 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion:	97	Resp:	57731
Ion	Ratio	Lower	Upper
97	100		
83	86.8	67.2	100.8
85	56.2	44.6	67.0
99	64.7	49.4	74.0

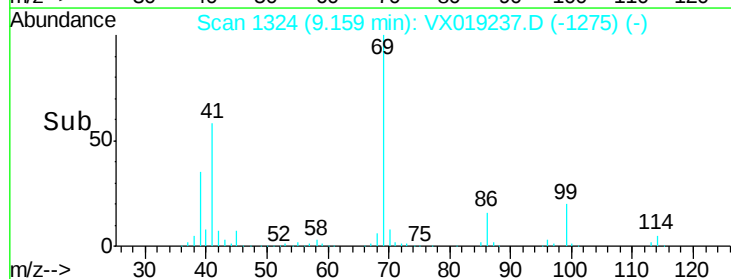
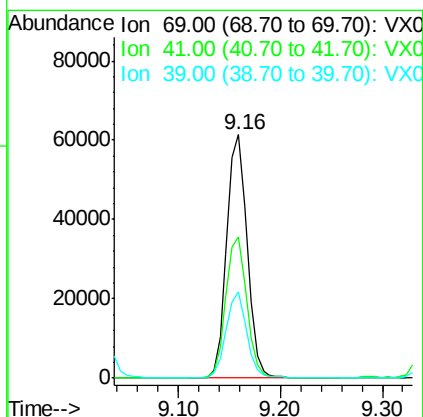
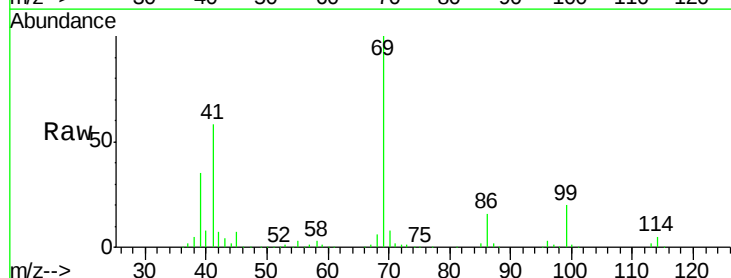
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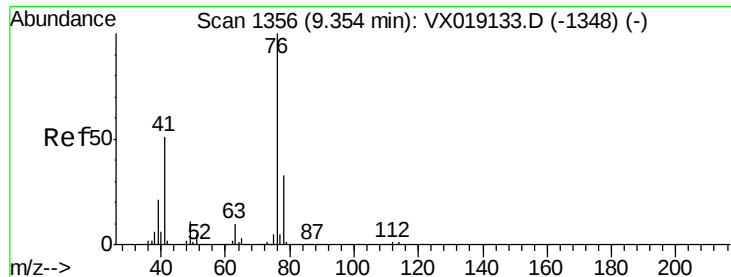
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#56
Ethyl methacrylate
Concen: 18.724 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion:	69	Resp:	85562
Ion	Ratio	Lower	Upper
69	100		
41	59.3	46.5	69.7
39	35.7	27.6	41.4





#57

1,3-Dichloropropane

Concen: 19.304 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tot Ion: 76 Resp: 98467

Ion Ratio Lower Upper

76 100

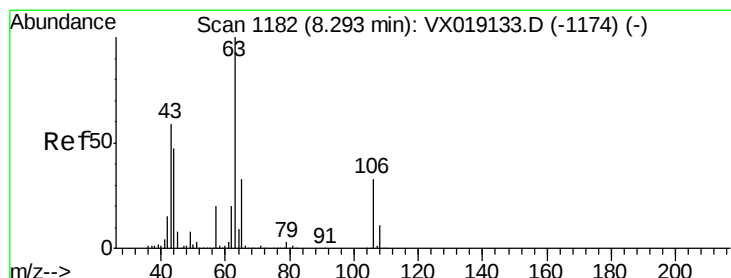
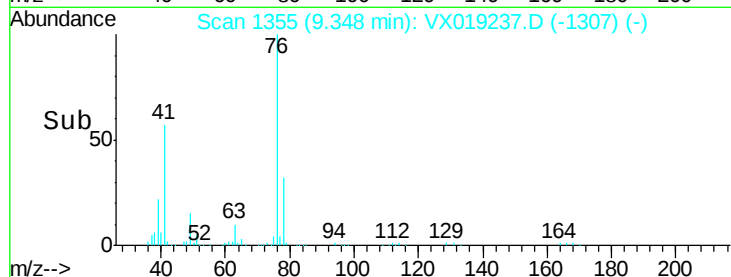
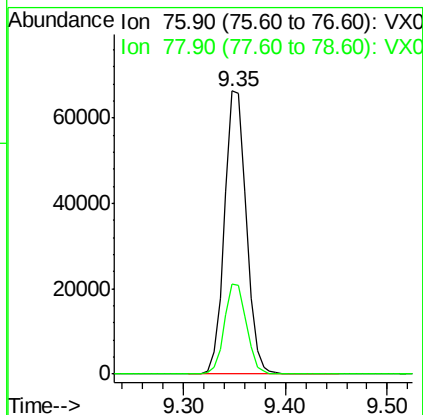
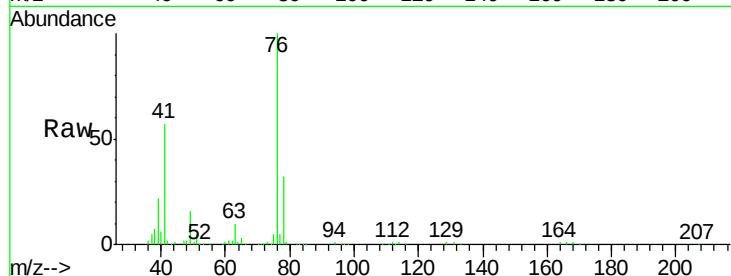
78 32.1 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 91.667 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019237.D

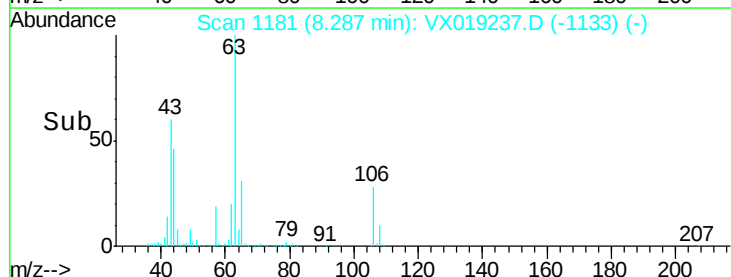
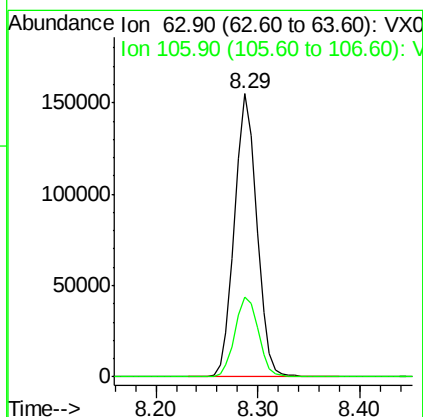
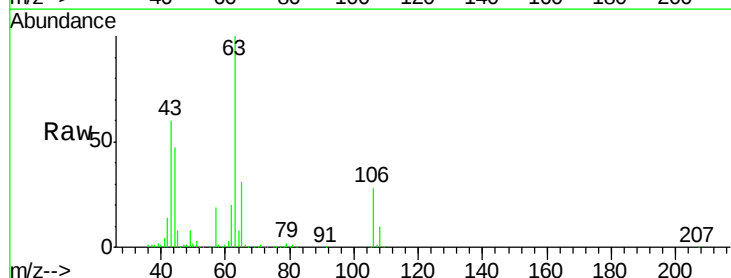
Acq: 03 Nov 2020 16:56

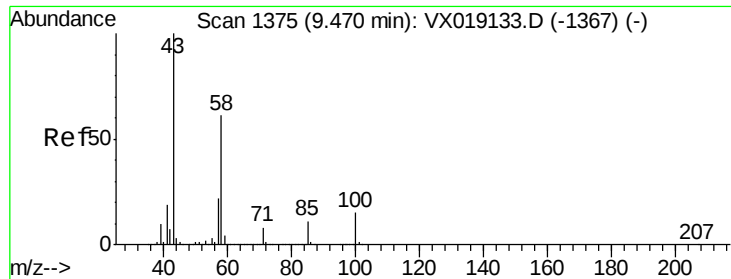
Tgt Ion: 63 Resp: 234272

Ion Ratio Lower Upper

63 100

106 29.7 25.1 37.7





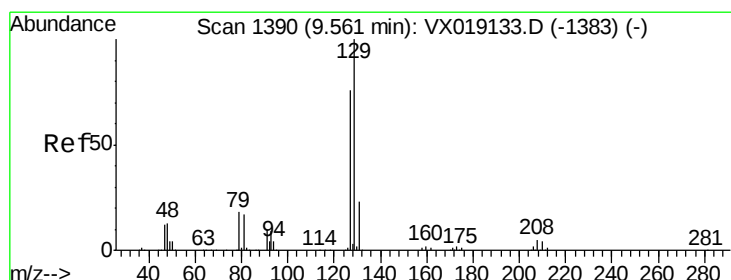
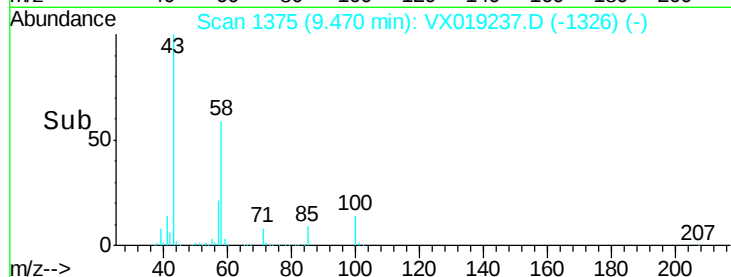
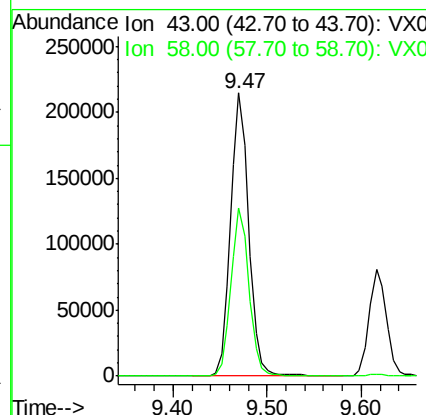
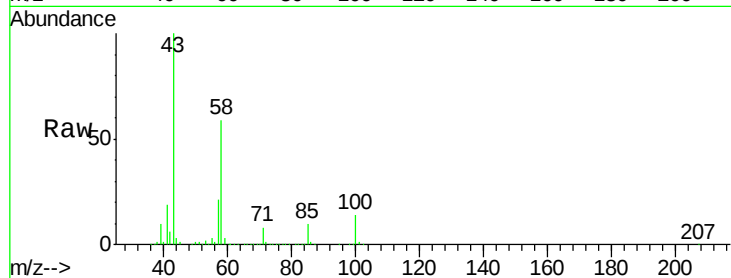
#59
2-Hexanone
Concen: 100.854 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.3	30.5	91.5

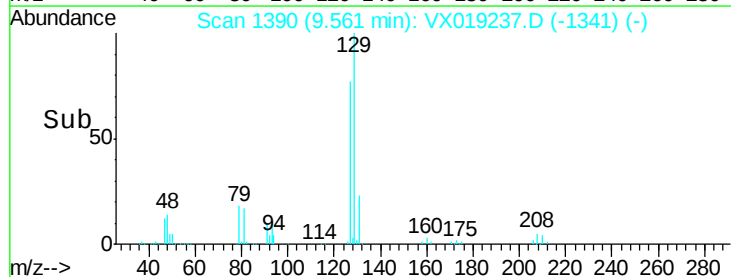
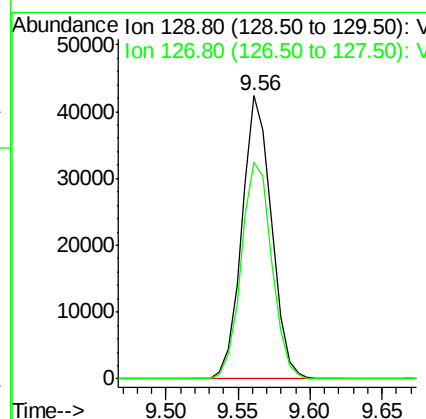
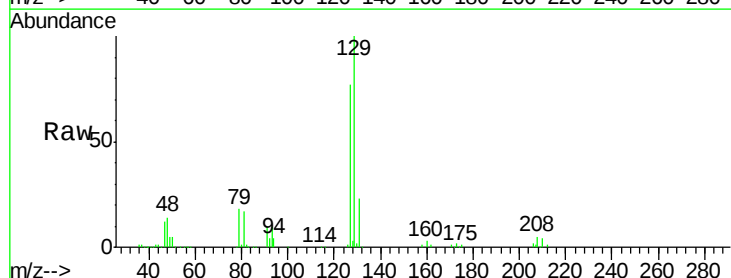
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11/4/2020 11:58:48 AM



#60
Dibromochloromethane
Concen: 18.380 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.1	38.6	115.8





#61

1,2-Dibromoethane

Concen: 18.869 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tot Ion: 107 Resp: 61046

Ion Ratio Lower Upper

107 100

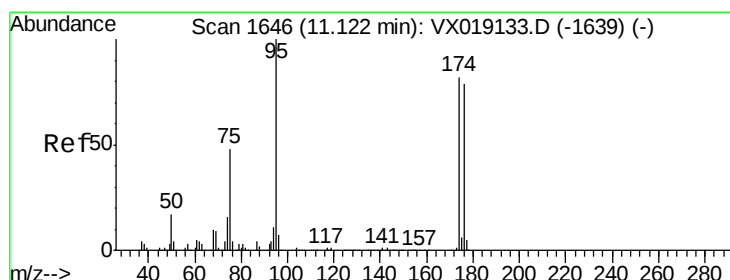
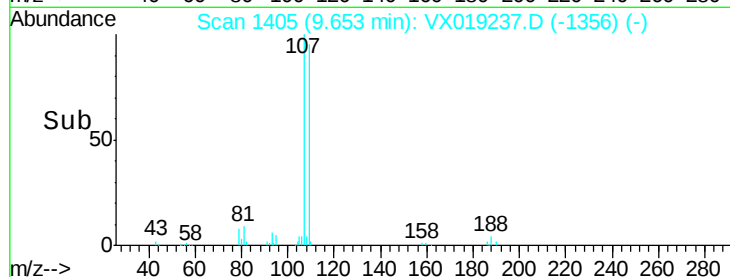
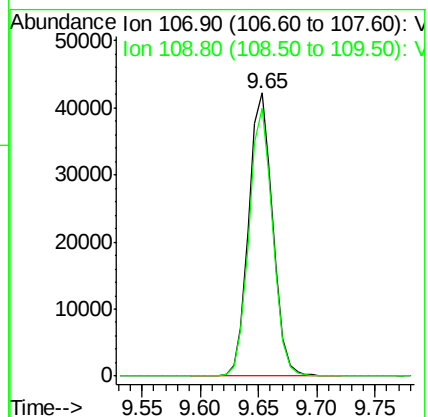
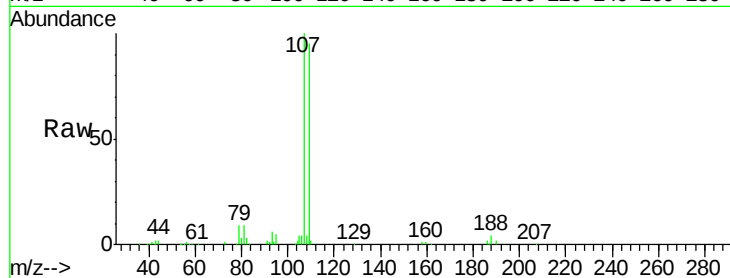
109 93.7 75.9 113.9

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#62

4-Bromofluorobenzene

Concen: 49.253 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

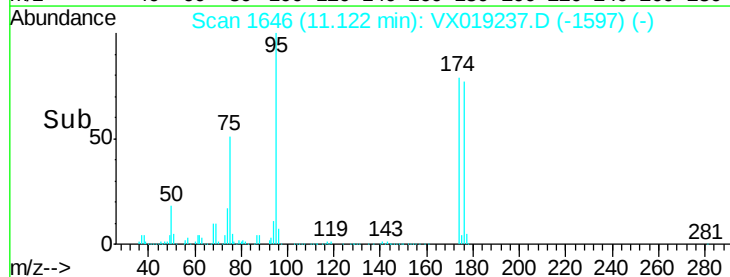
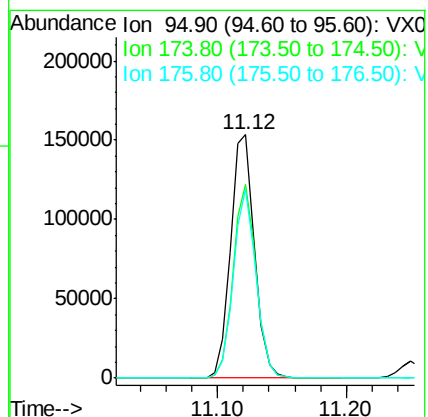
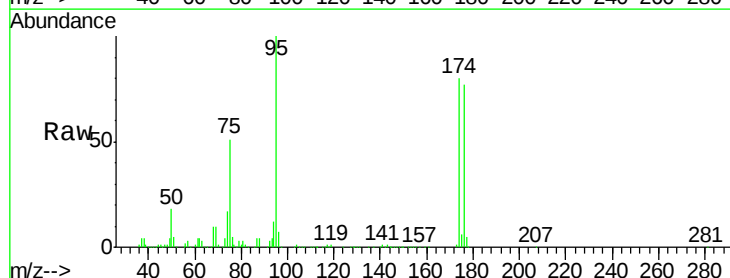
Tgt Ion: 95 Resp: 200548

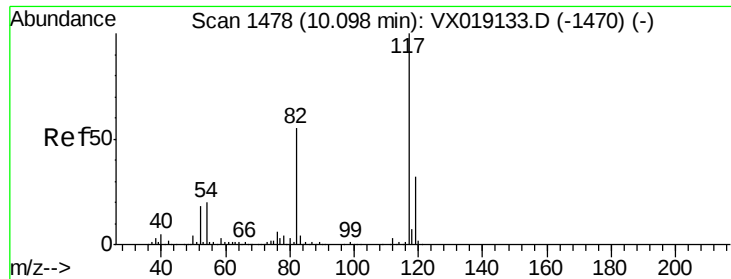
Ion Ratio Lower Upper

95 100

174 76.0 0.0 156.0

176 73.5 0.0 149.8





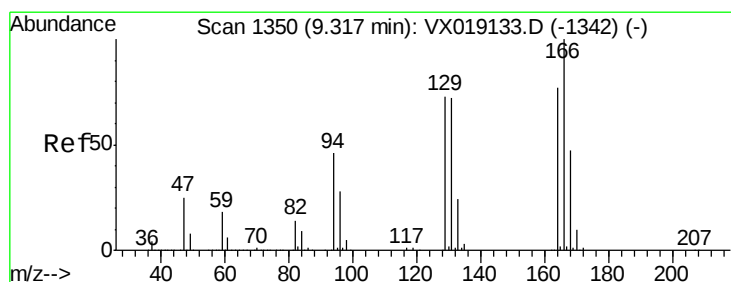
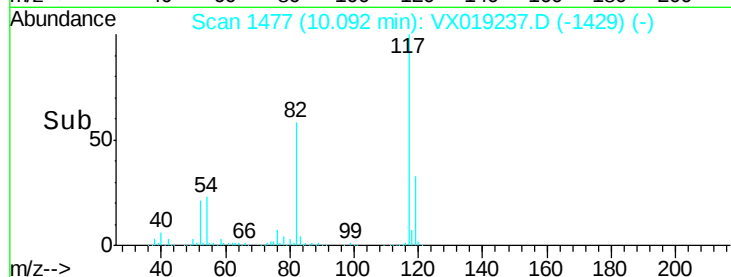
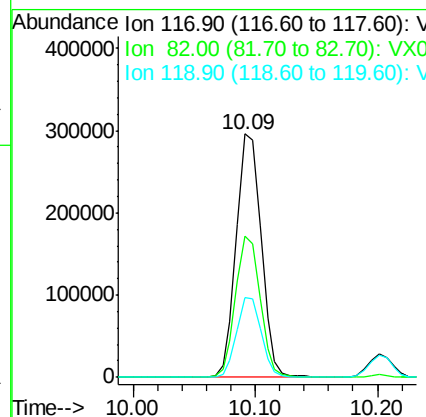
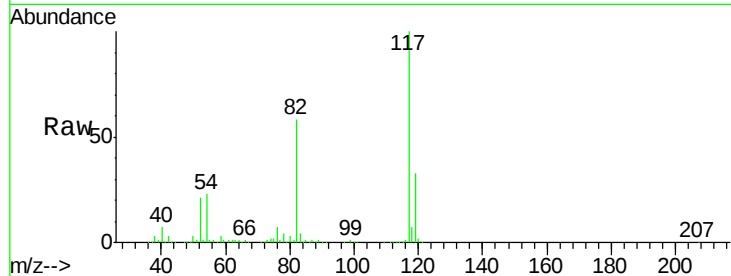
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	419026		
82	58.0		43.6	65.4
119	32.9		25.5	38.3

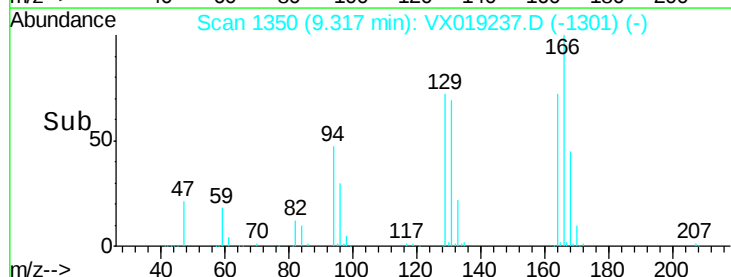
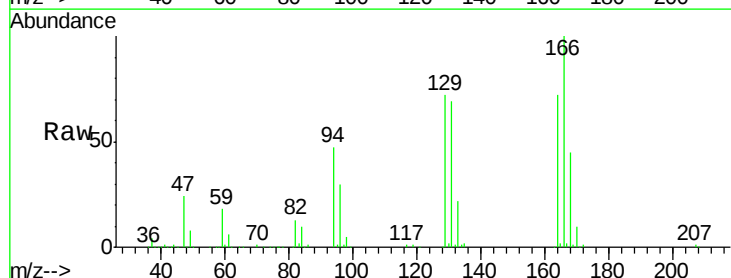
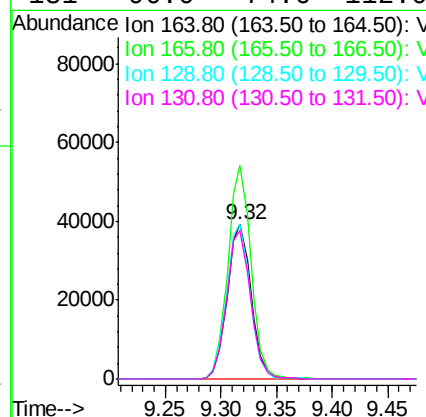
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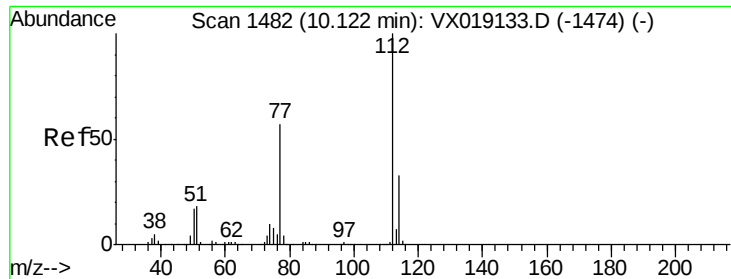
MMDadoda
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#64
Tetrachloroethene
Concen: 18.220 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58169		
166	138.2		104.1	156.1
129	100.0		76.2	114.4
131	96.0		74.6	112.0





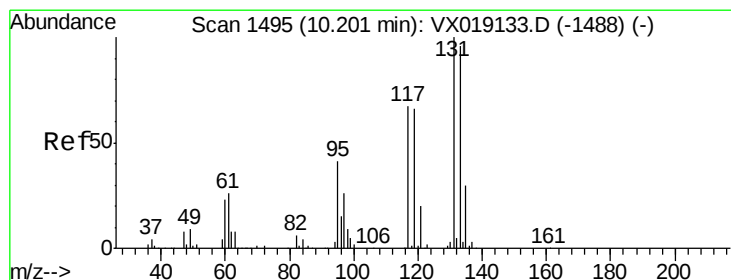
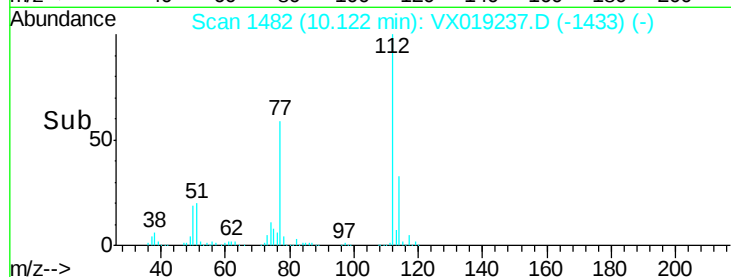
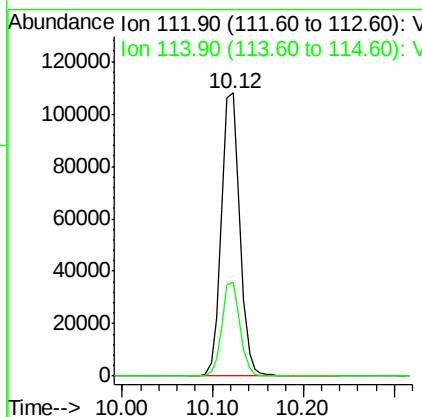
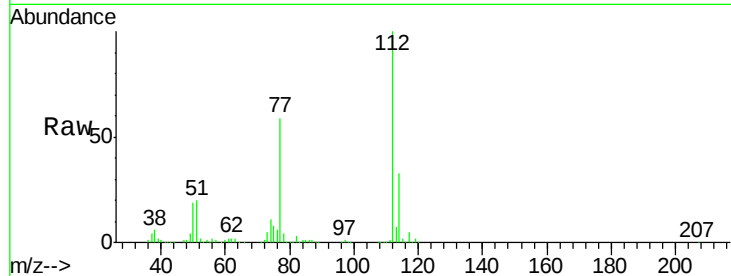
#65
Chlorobenzene
Concen: 17.934 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion:112 Resp: 153594
Ion Ratio Lower Upper
112 100
114 33.3 26.1 39.1

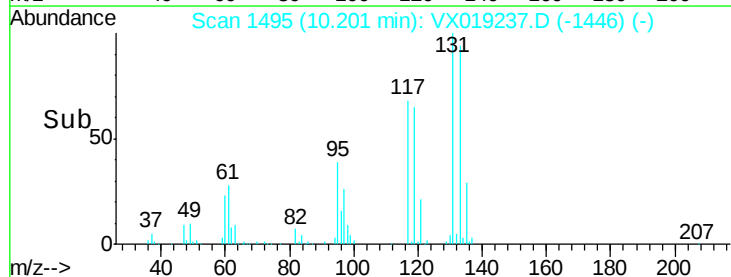
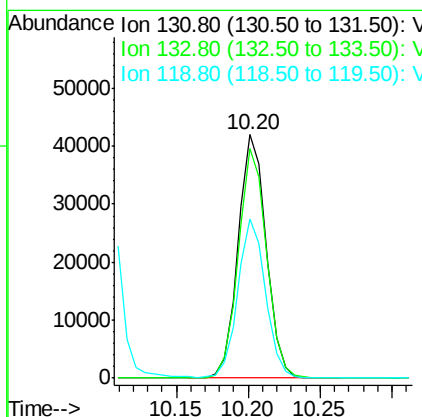
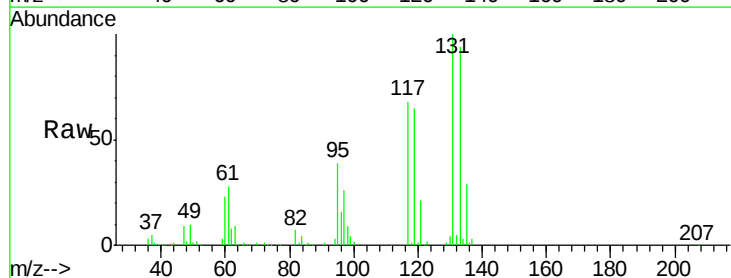
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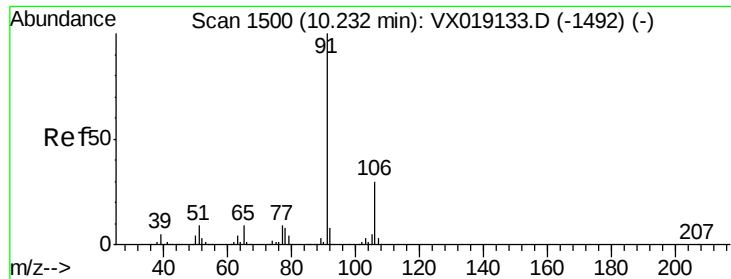
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.421 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion:131 Resp: 56797
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 64.6 32.3 96.9





#67

Ethyl Benzene

Concen: 18.157 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tot Ion: 91 Resp: 277091

Ion Ratio Lower Upper

91 100

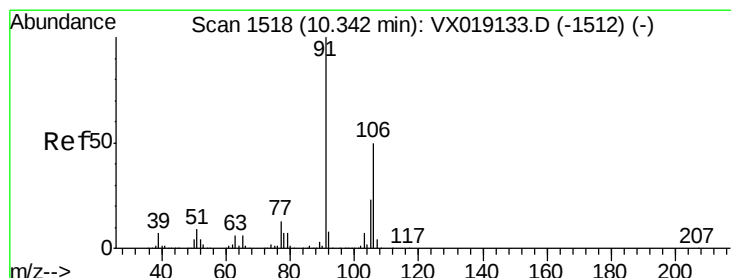
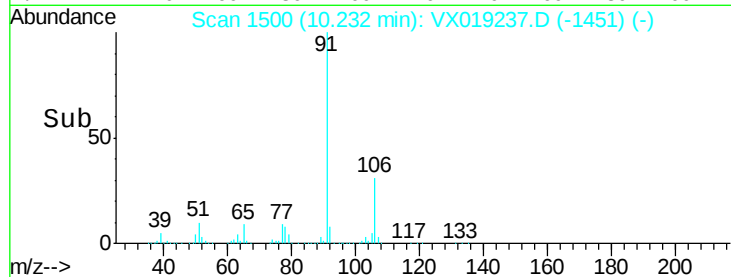
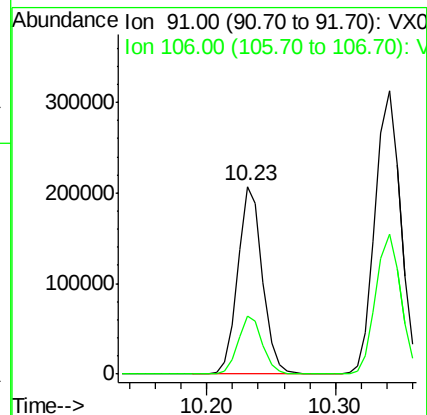
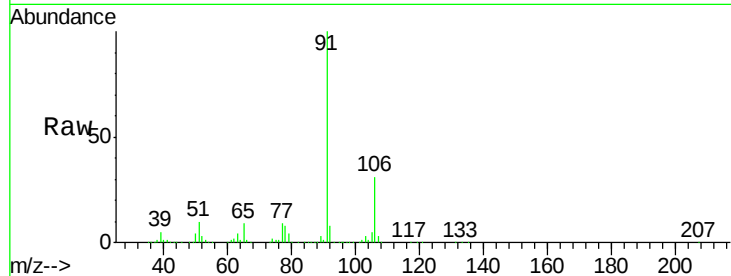
106 30.8 24.3 36.5

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#68

m/p-Xylenes

Concen: 36.554 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019237.D

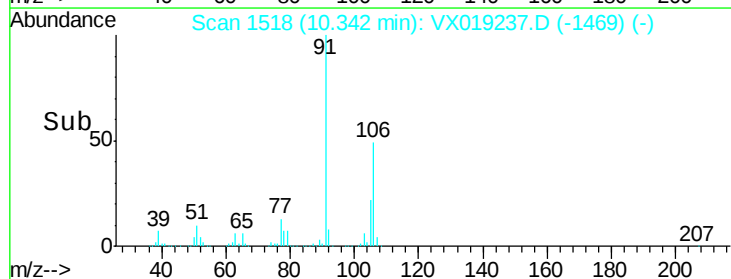
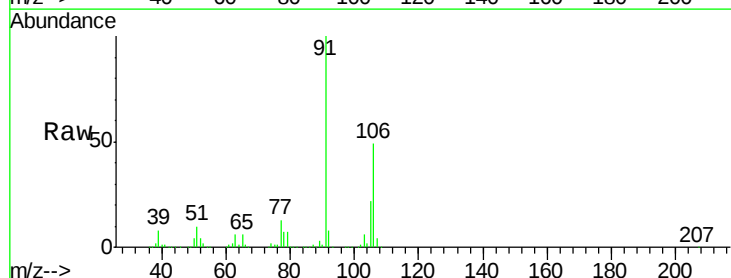
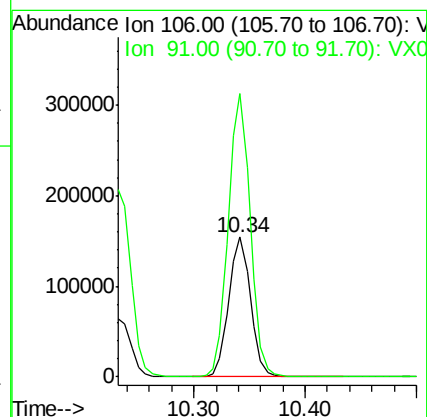
Acq: 03 Nov 2020 16:56

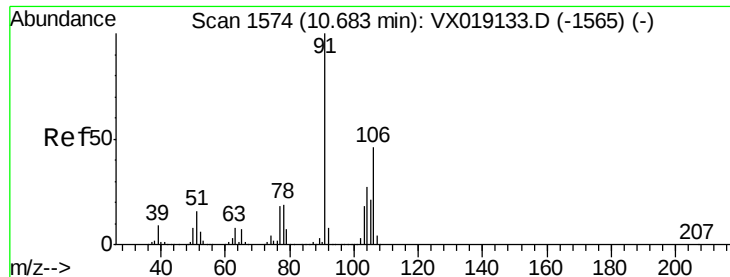
Tgt Ion: 106 Resp: 209374

Ion Ratio Lower Upper

106 100

91 204.3 161.0 241.4





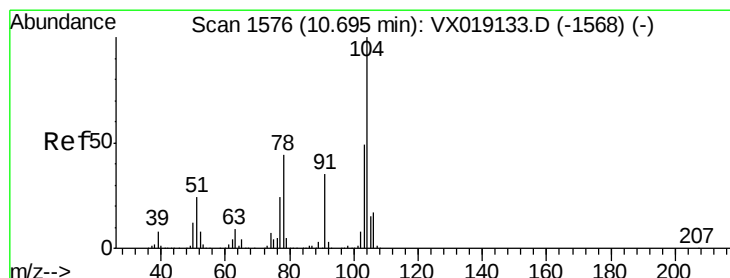
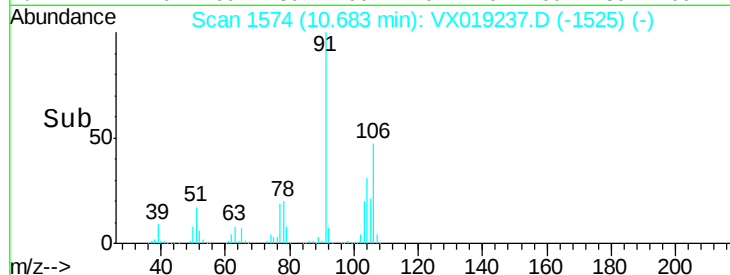
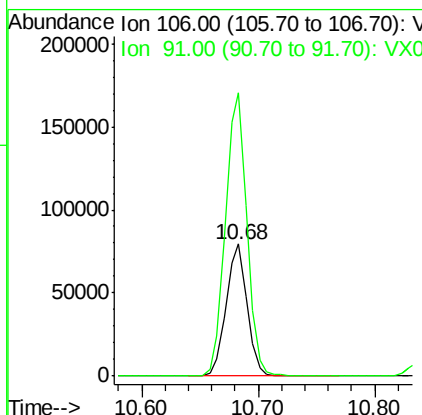
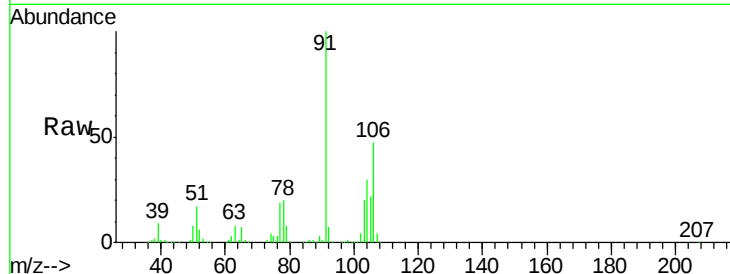
#69
o-Xylene
Concen: 18.263 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		99218		
91	218.3	108.3	324.8		

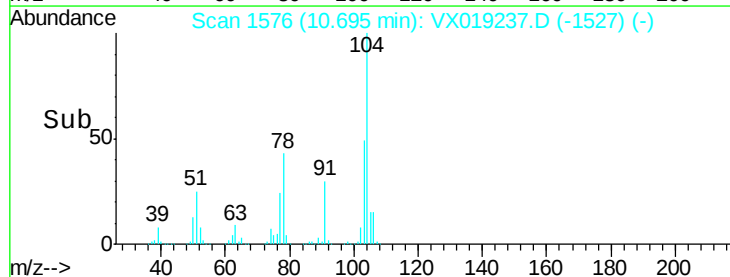
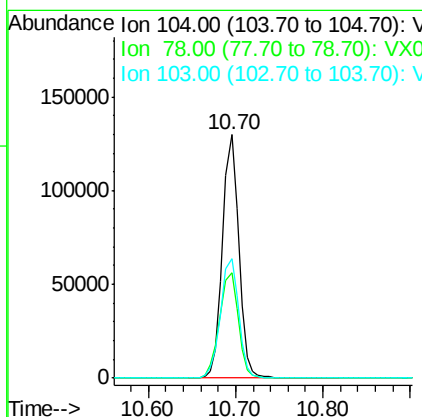
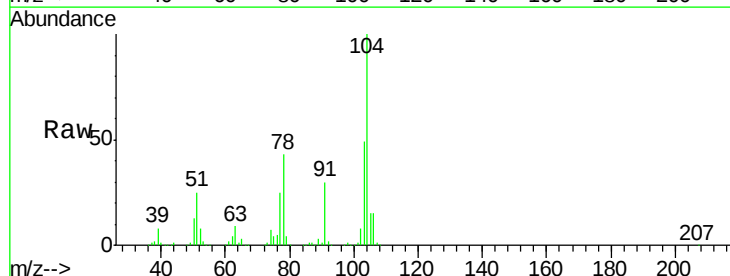
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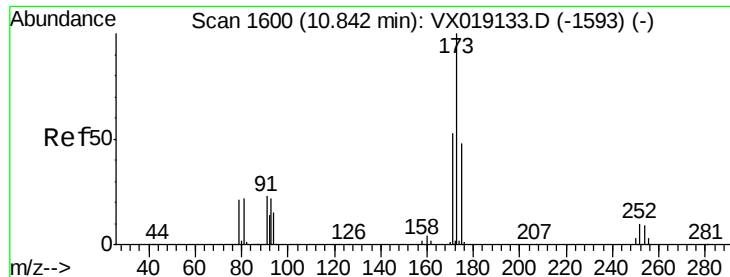
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#70
Styrene
Concen: 18.053 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		167348		
78	50.1	40.0	60.0		
103	54.9	43.5	65.3		





#71

Bromoform

Concen: 16.310 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tot Ion:173 Resp: 39870

Ion Ratio Lower Upper

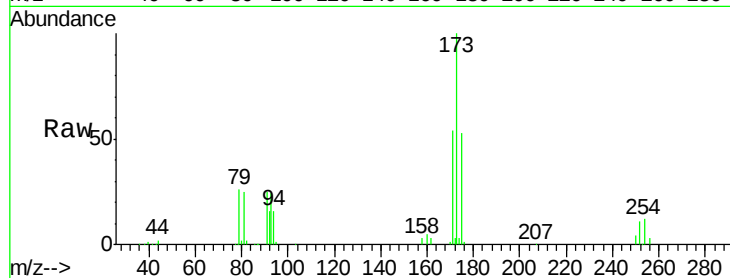
173 100

175 49.6 24.4 73.4

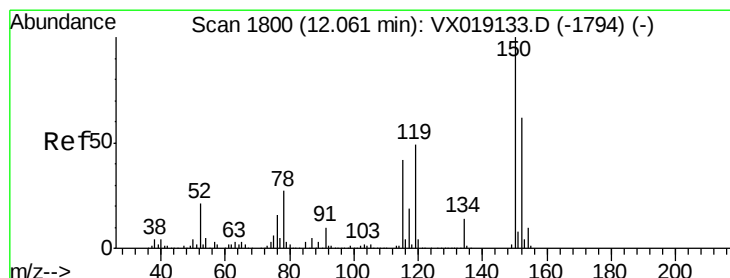
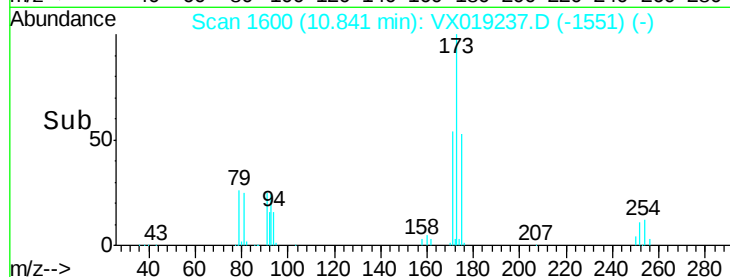
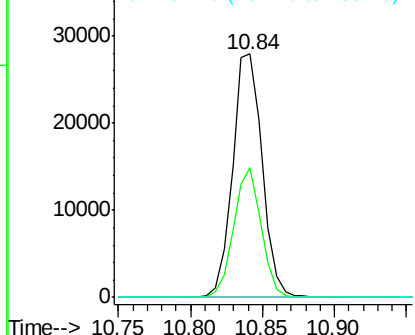
254 0.1 0.1 0.1#

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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: VX019237.D

Acq: 03 Nov 2020 16:56

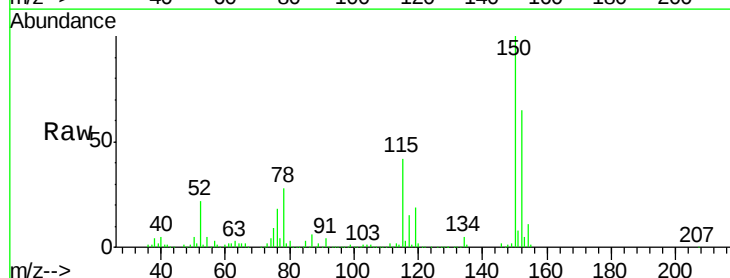
Tgt Ion:152 Resp: 198555

Ion Ratio Lower Upper

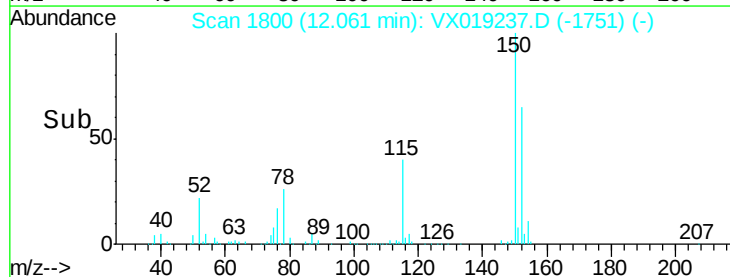
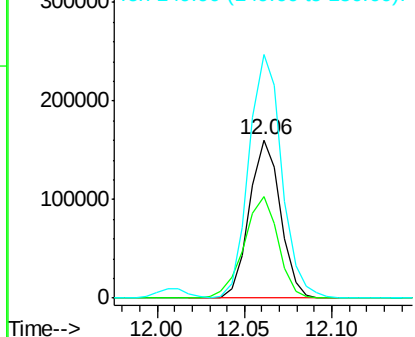
152 100

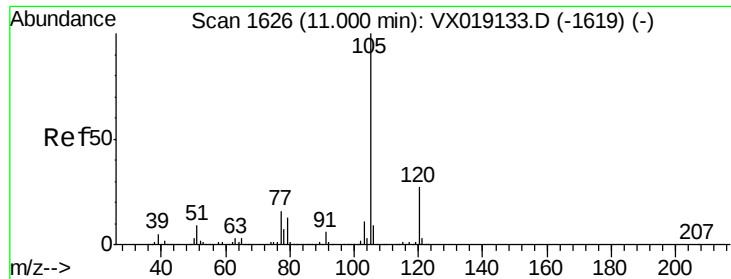
115 70.3 41.9 125.7

150 163.7 0.0 347.8



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: 19.182 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tot Ion: 105 Resp: 269592

Ion Ratio Lower Upper

105 100

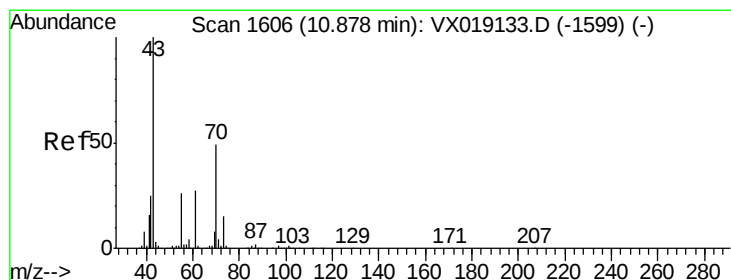
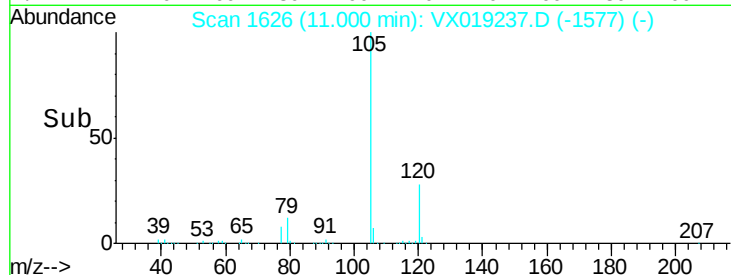
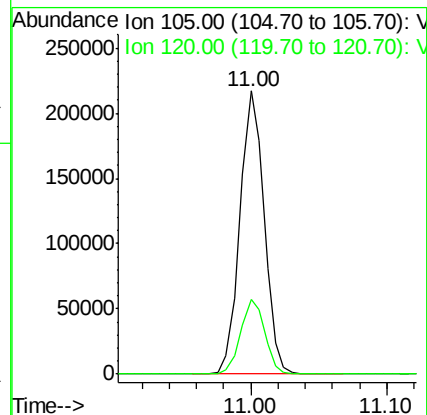
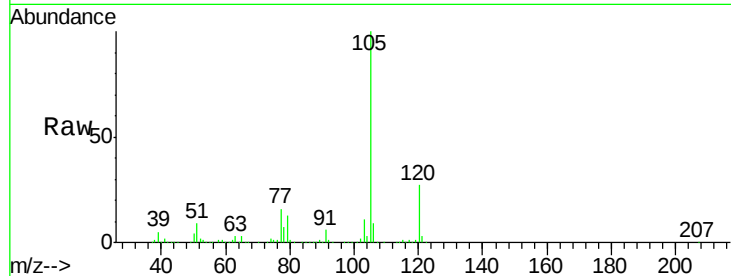
120 26.5 13.3 39.8

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#74

N-ethyl acetate

Concen: 19.483 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Tgt Ion: 43 Resp: 100119

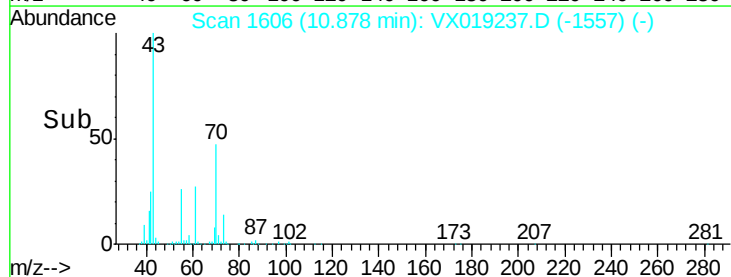
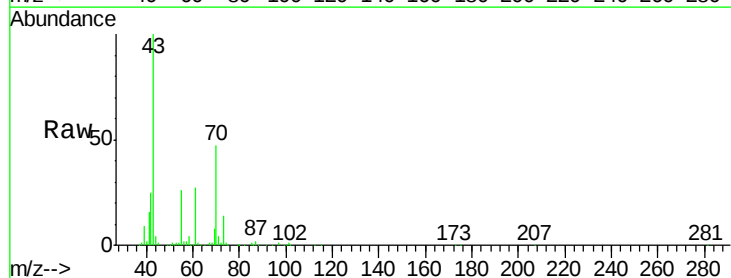
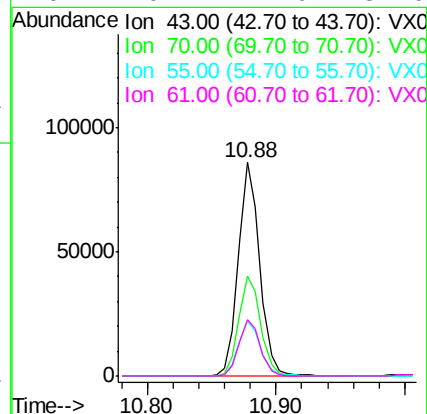
Ion Ratio Lower Upper

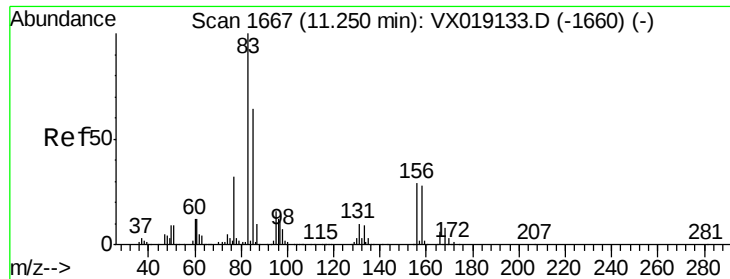
43 100

70 48.2 39.6 59.4

55 26.7 20.7 31.1

61 26.7 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.371 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

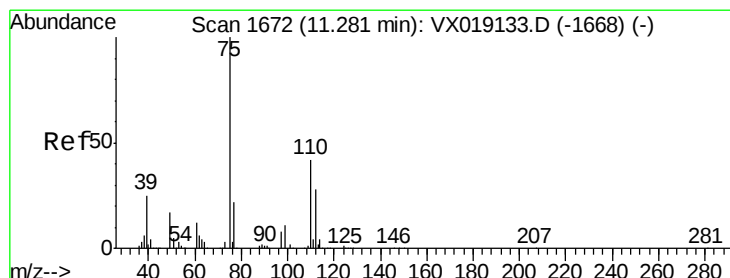
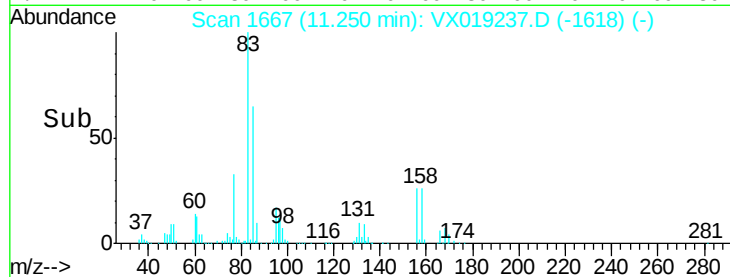
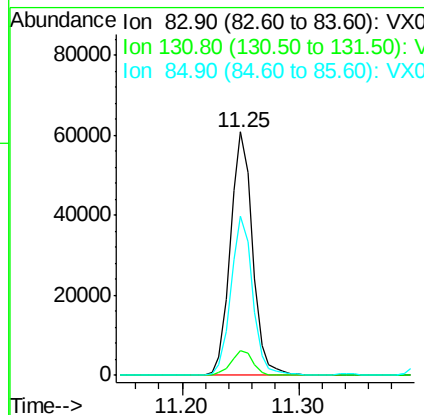
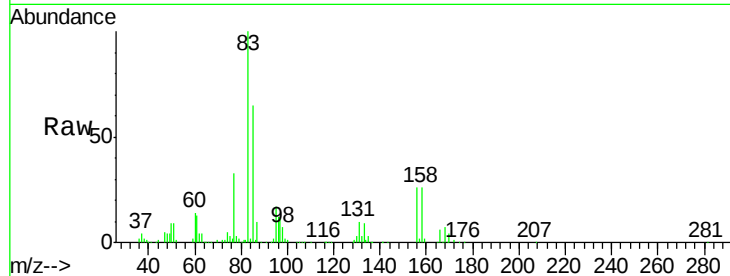
ClientSampleId :

VX1104WBS01

Tot Ion:	83	Resp:	80695
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.2	15.6
85	64.3	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 19.559 ug/l m

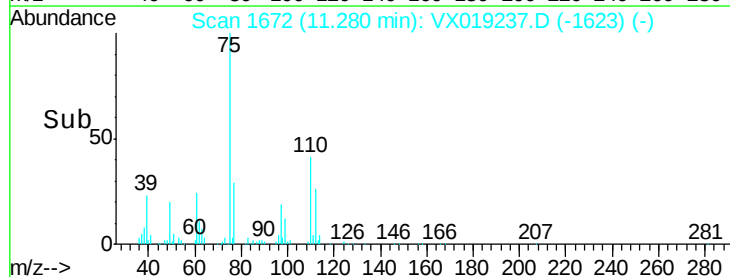
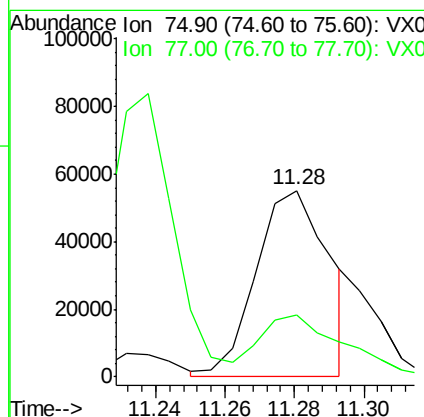
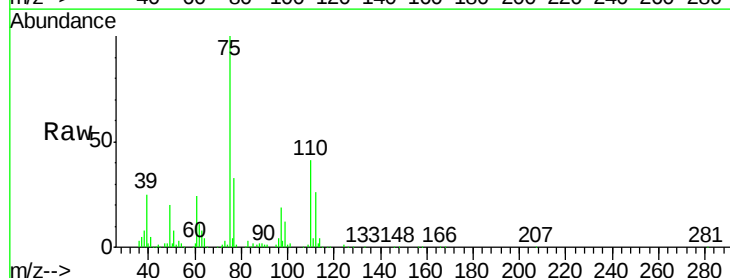
RT: 11.28 min Scan# 1672

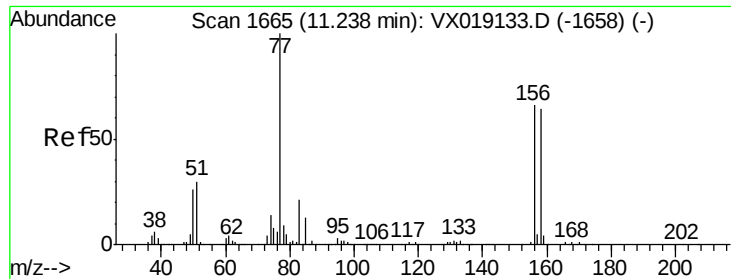
Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Tgt Ion:	75	Resp:	80185
Ion Ratio	Lower	Upper	
75	100		
77	38.4	20.3	60.9





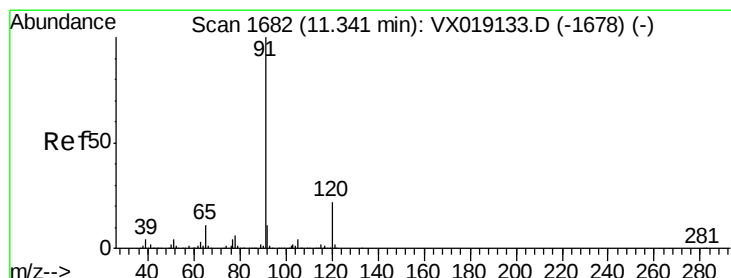
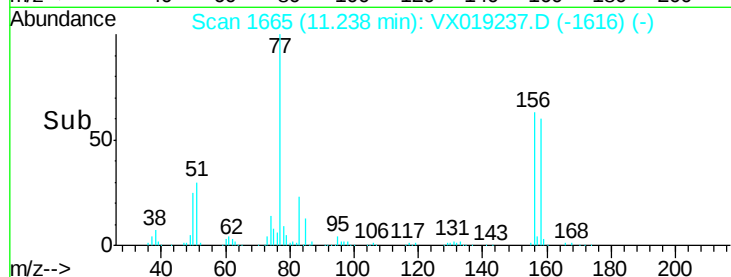
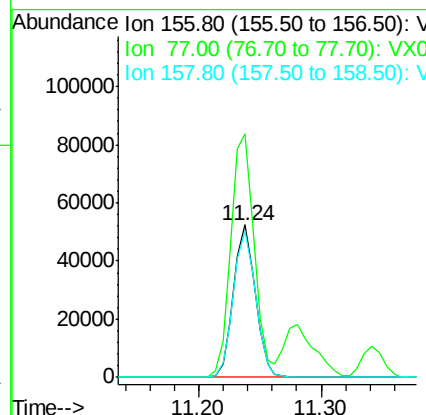
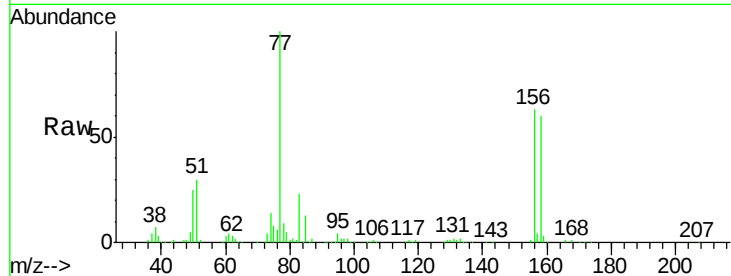
#77
Bromobenzene
Concen: 18.515 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampled :
VX1104WBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	170.6	77.7	233.1	
158	98.1	48.3	144.8	

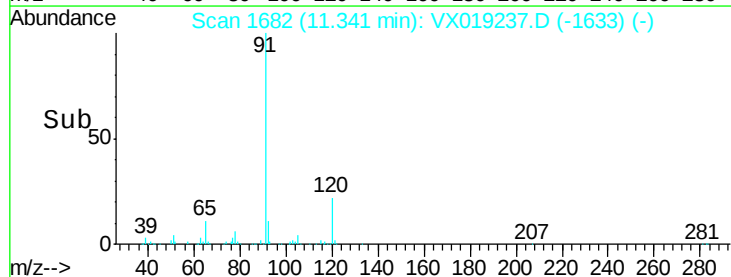
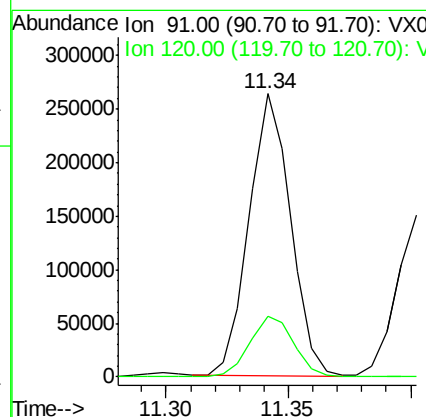
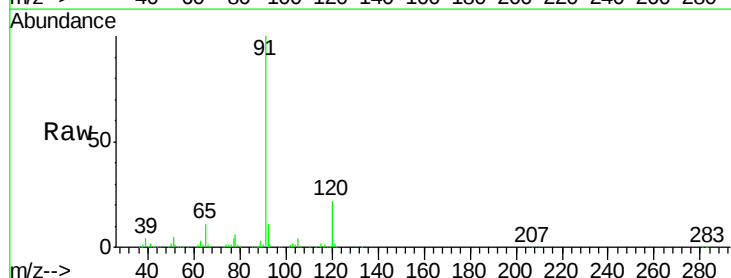
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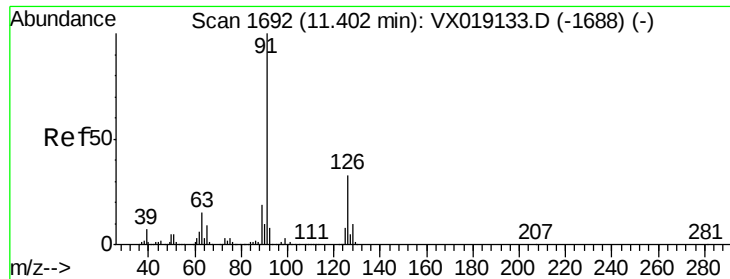
MMDadoda
11/4/2020 11:58:48 AM



#78
n-propylbenzene
Concen: 19.476 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.7	11.7	35.0	





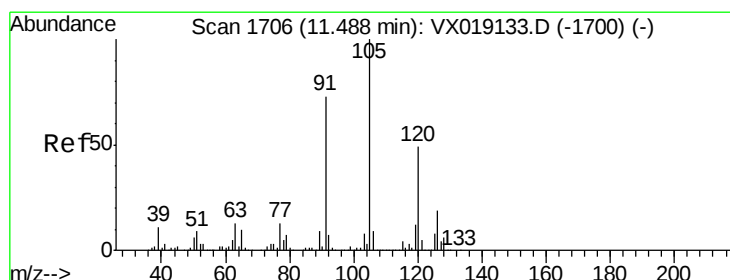
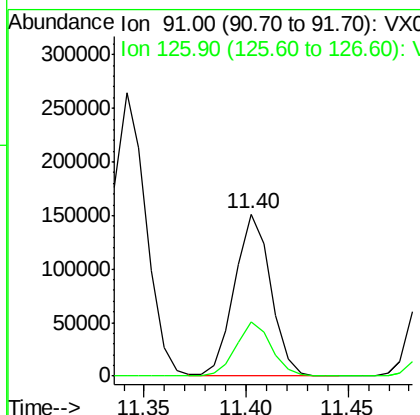
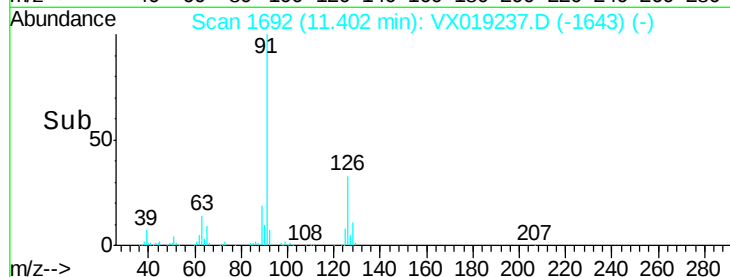
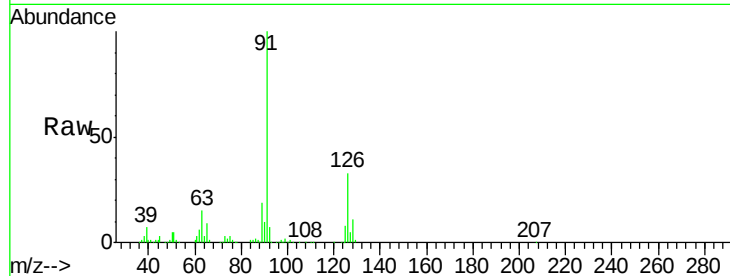
#79
 2-Chlorotoluene
 Concen: 19.592 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019237.D
 Acq: 03 Nov 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Tot Ion: 91 Resp: 185056
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.9 50.7

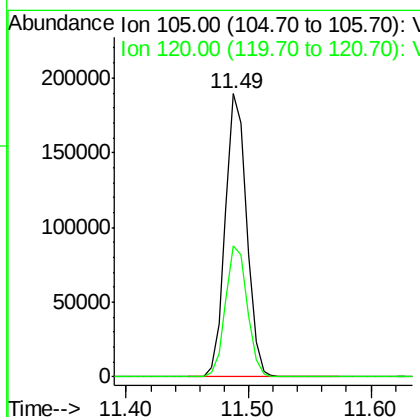
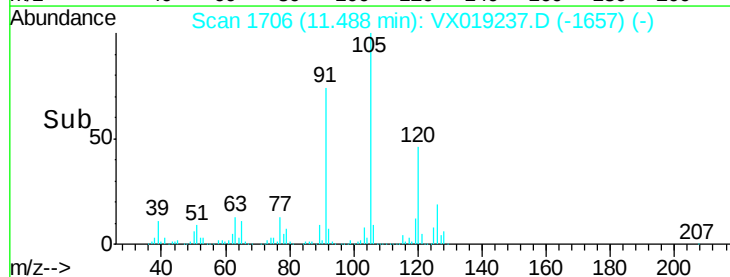
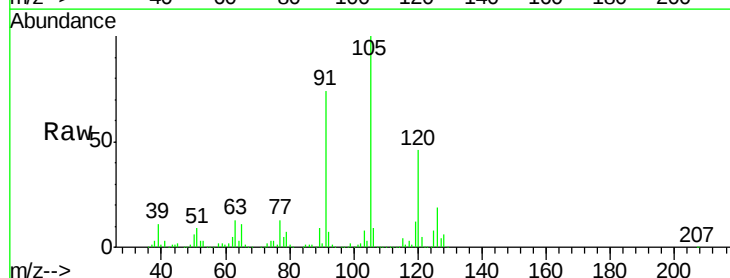
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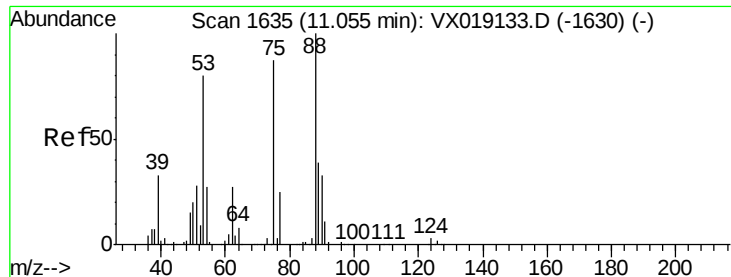
MMDadoda
 11/4/2020 11:58:48 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.252 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019237.D
 Acq: 03 Nov 2020 16:56

Tgt Ion: 105 Resp: 228592
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.3 72.8





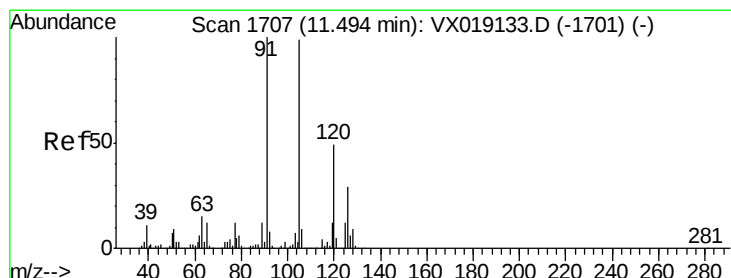
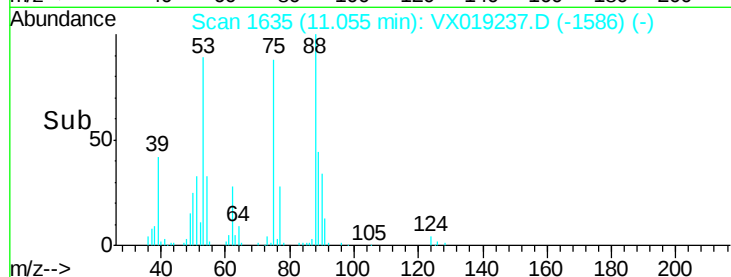
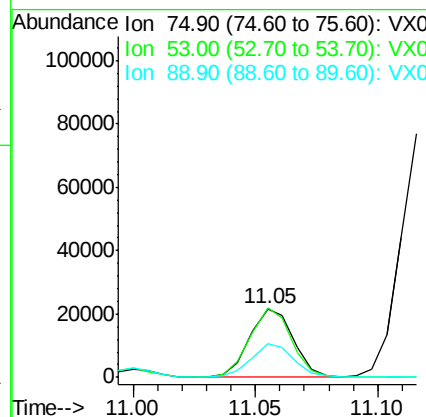
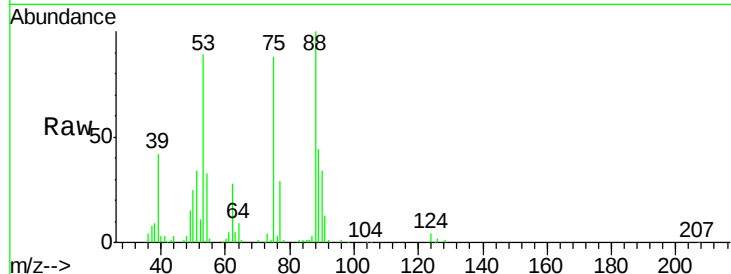
#81
trans-1,4-Dichloro-2-butene
Concen: 17.492 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.1	73.3	109.9
89	48.1	38.2	57.2

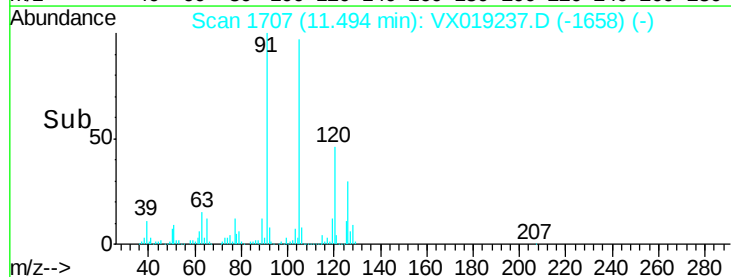
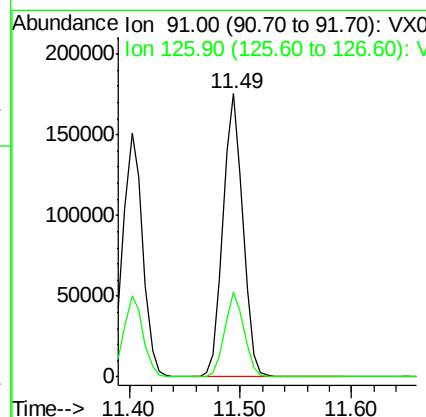
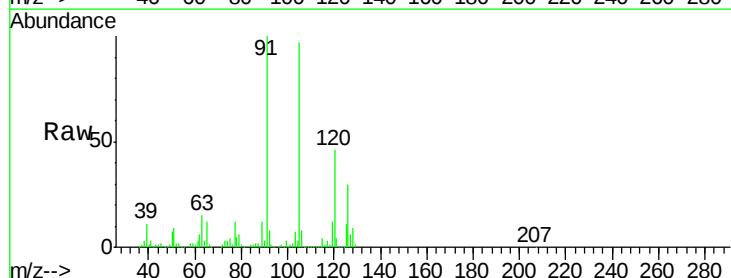
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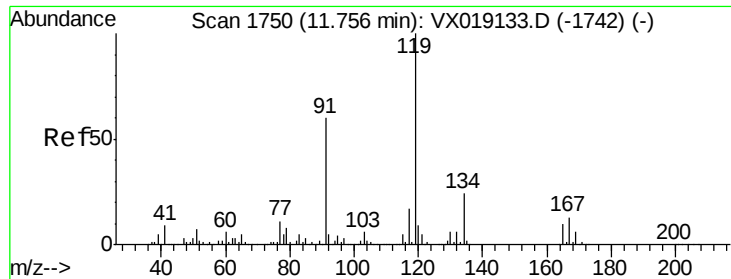
MMDadoda
11/4/2020 11:58:48 AM



#82
4-Chlorotoluene
Concen: 18.799 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.8	44.4





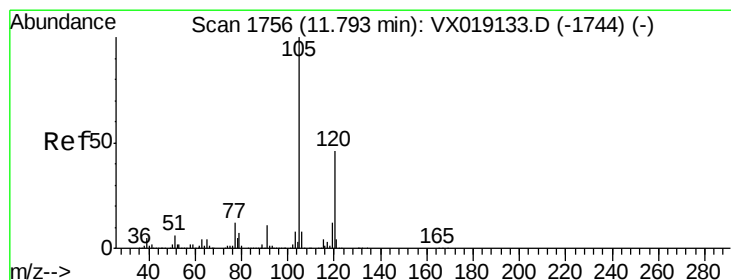
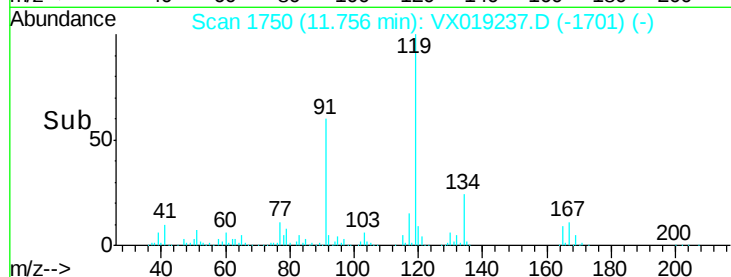
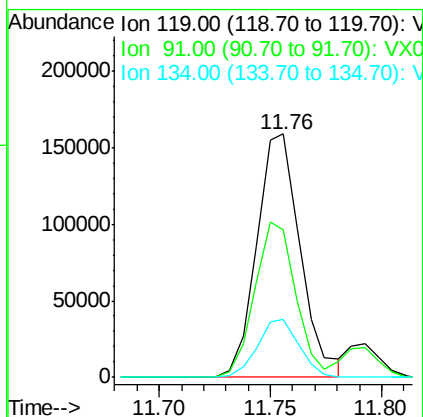
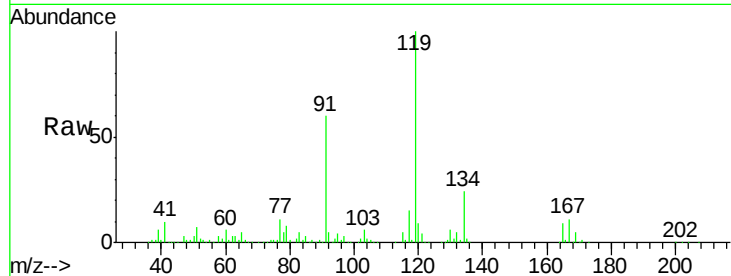
#83
 tert-Butylbenzene
 Concen: 19.036 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019237.D
 Acq: 03 Nov 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	216416		
91	60.1	29.0	87.1	
134	22.8	11.7	35.0	

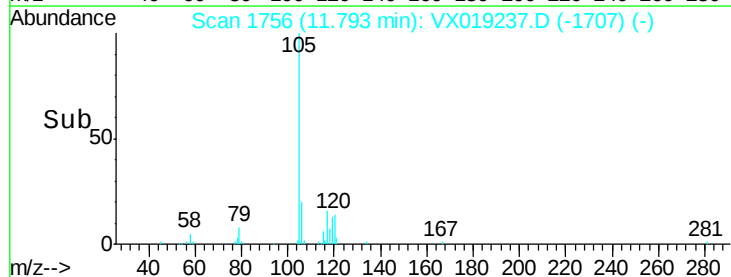
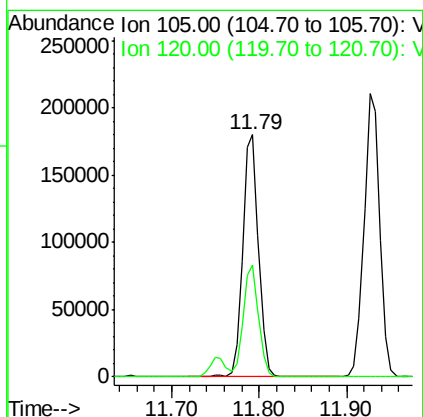
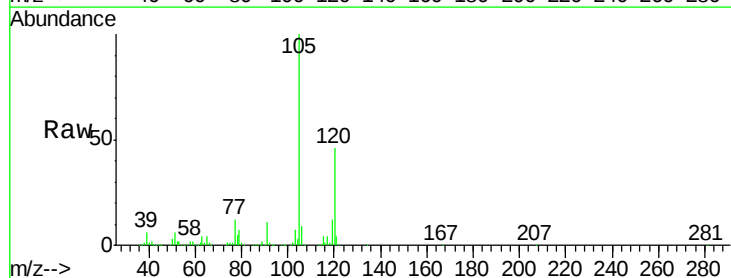
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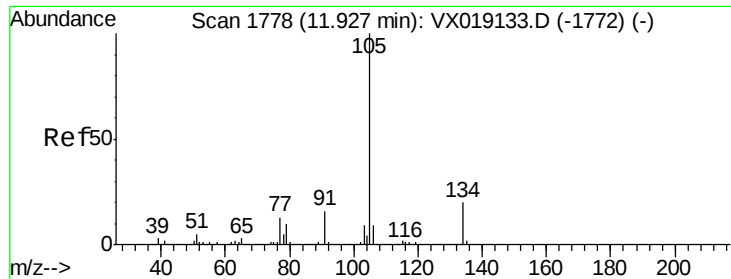
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.865 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019237.D
 Acq: 03 Nov 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	226132		
120	44.6	22.4	67.3	





#85

sec-Butylbenzene

Concen: 19.361 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tot Ion:105 Resp: 263990

Ion Ratio Lower Upper

105 100

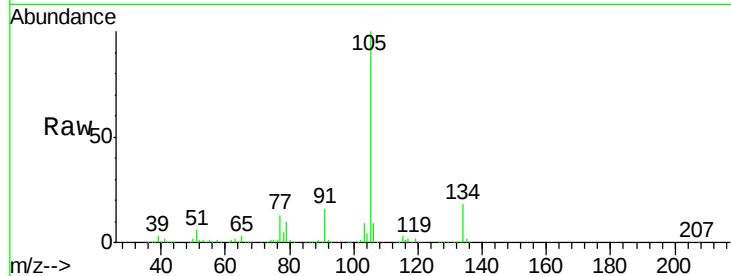
134 19.6 10.1 30.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

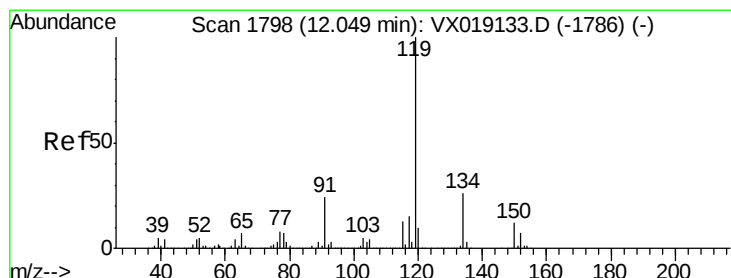
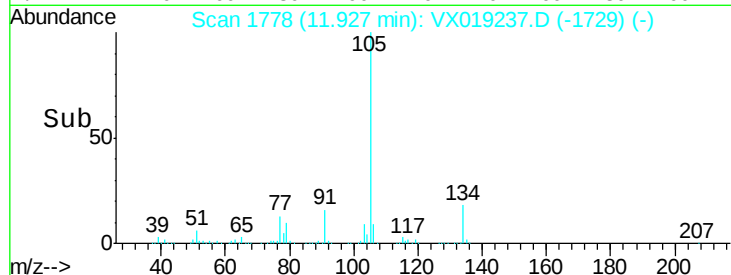
100000

50000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.190 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

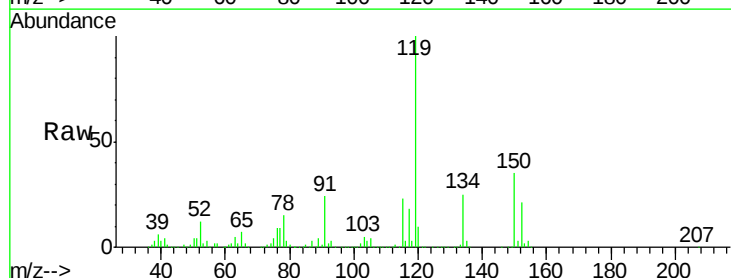
Tgt Ion:119 Resp: 241519

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 24.3 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

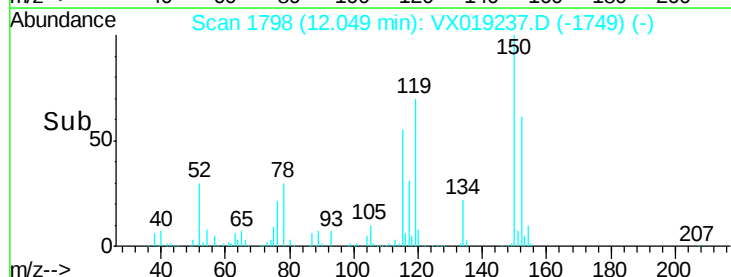
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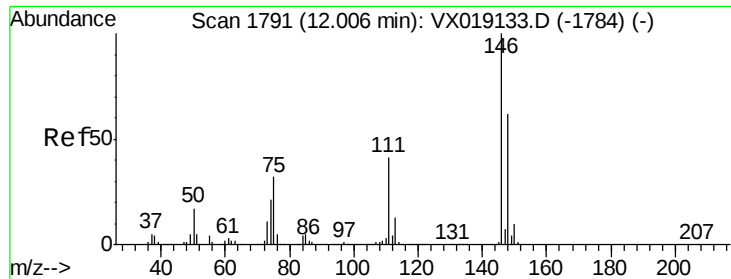
50000

0

12.00 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.060 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

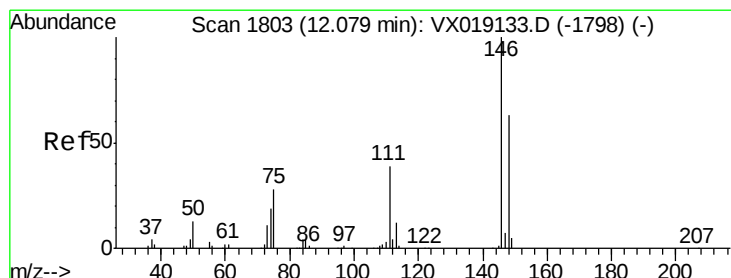
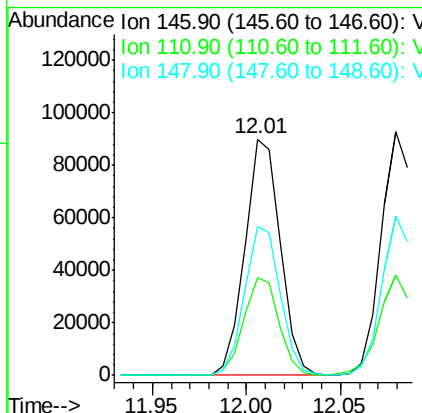
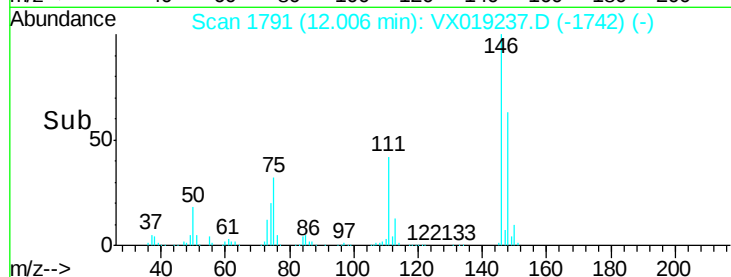
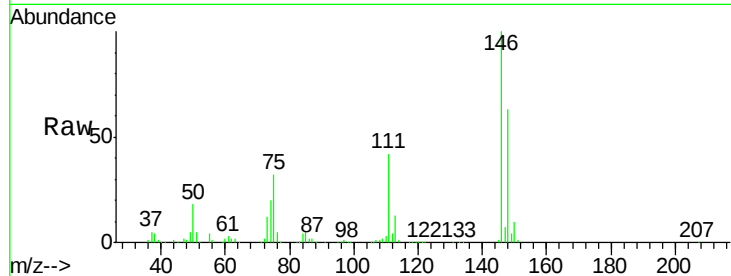
ClientSampleId :

VX1104WBS01

Tot Ion:	146	Resp:	117318
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.4	61.2
148	63.2	31.6	94.8

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#88

1,4-Dichlorobenzene

Concen: 17.151 ug/l

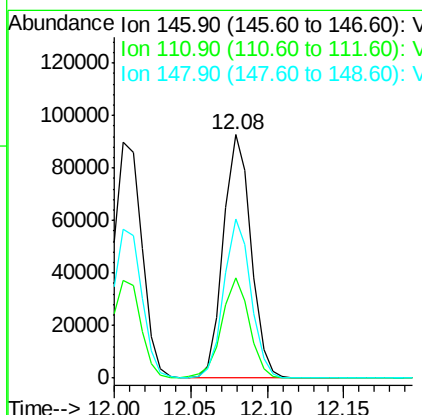
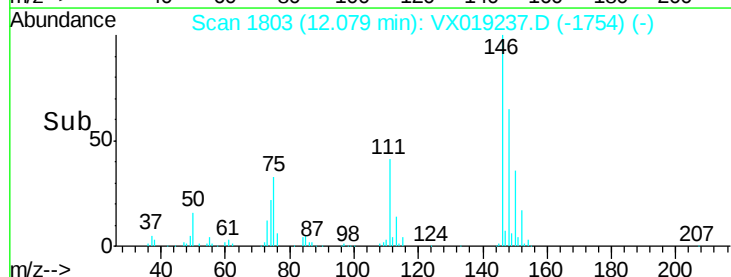
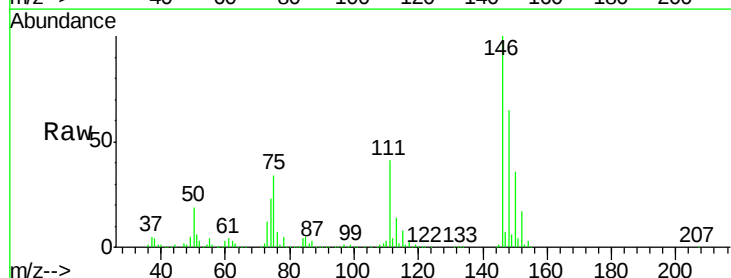
RT: 12.08 min Scan# 1803

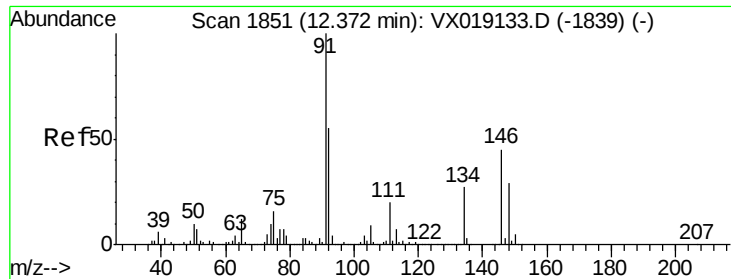
Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Tgt Ion:	146	Resp:	115975
Ion Ratio	Lower	Upper	
146	100		
111	41.7	20.2	60.5
148	64.6	31.3	93.8





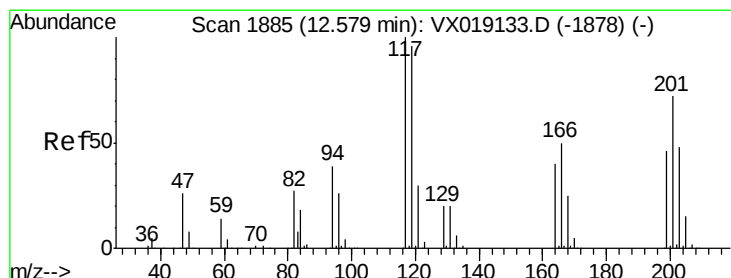
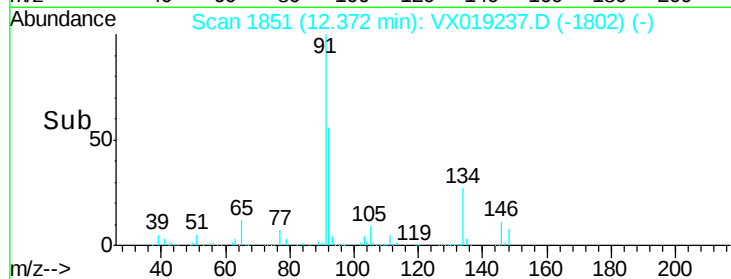
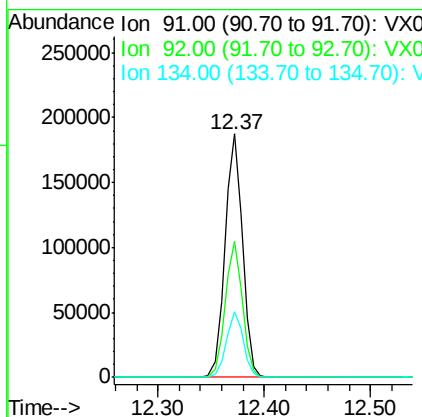
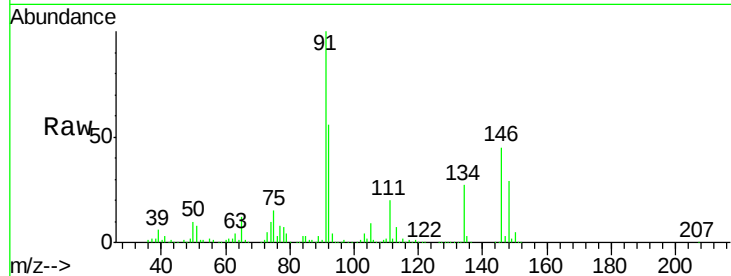
#89
n-Butylbenzene
Concen: 18.186 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.5	82.4
134	26.2	13.2	39.6

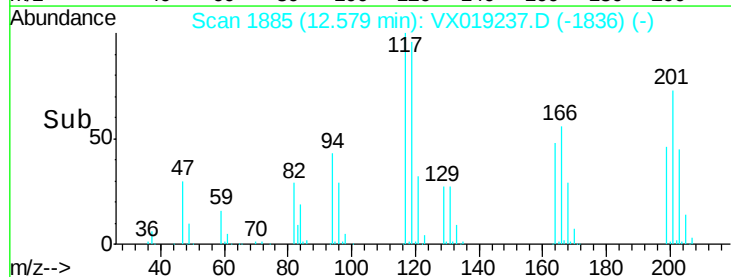
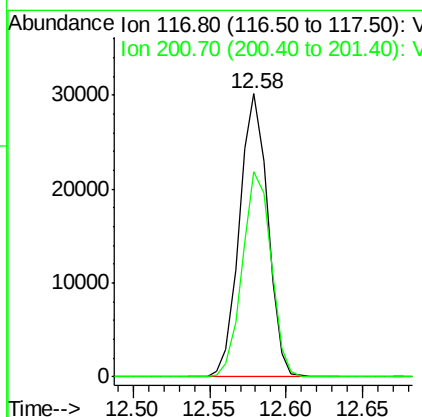
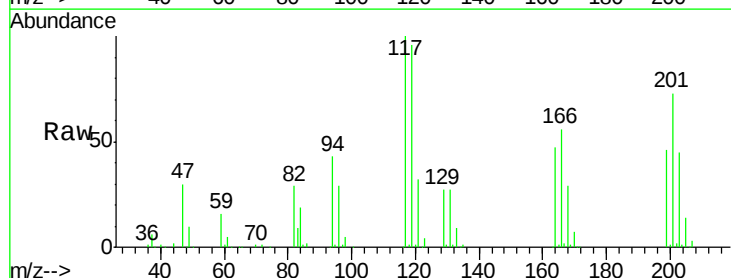
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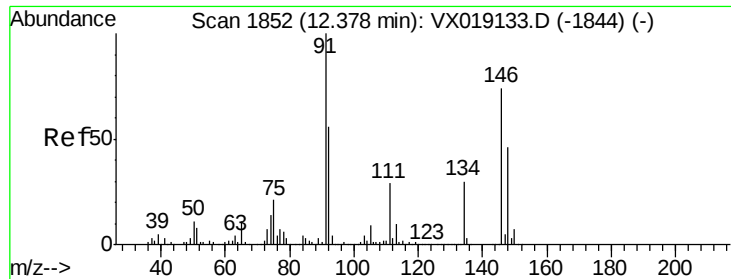
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#90
Hexachloroethane
Concen: 18.057 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019237.D
Acq: 03 Nov 2020 16:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.6	38.5	115.3





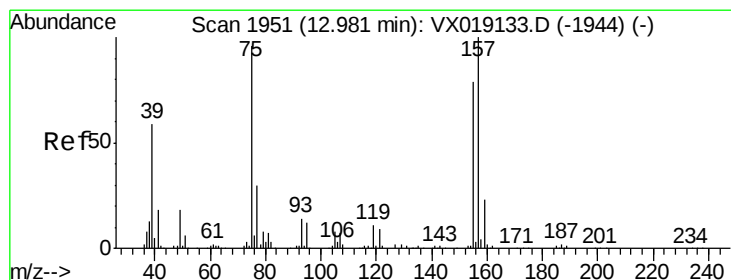
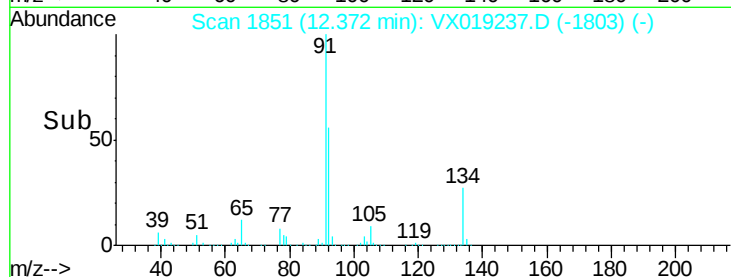
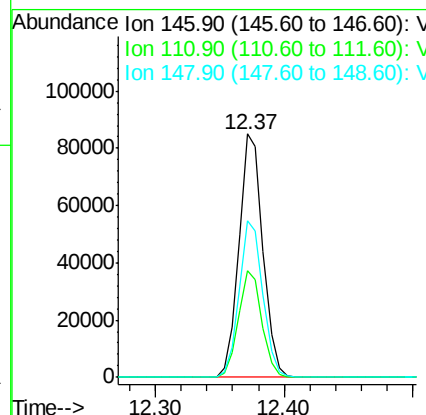
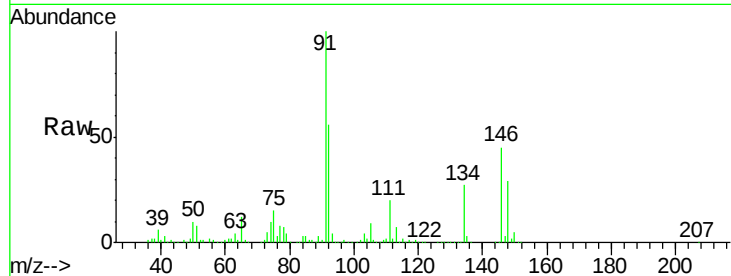
#91
 1,2-Dichlorobenzene
 Concen: 17.610 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019237.D
 Acq: 03 Nov 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.2	63.6
148	63.7	31.6	94.7

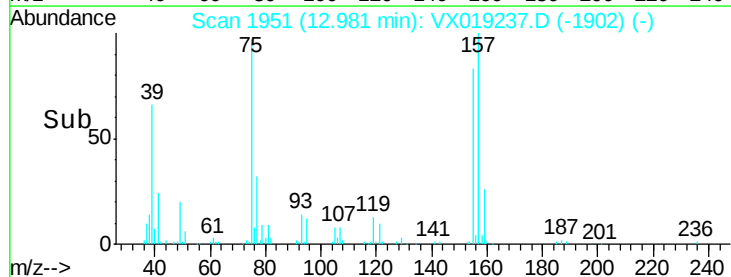
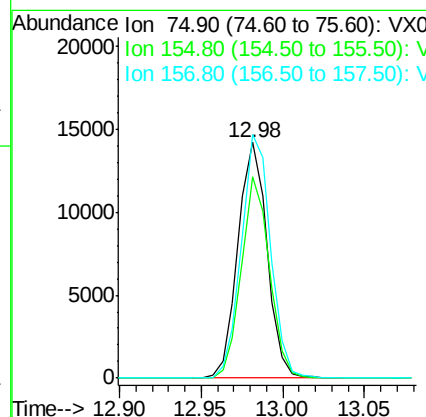
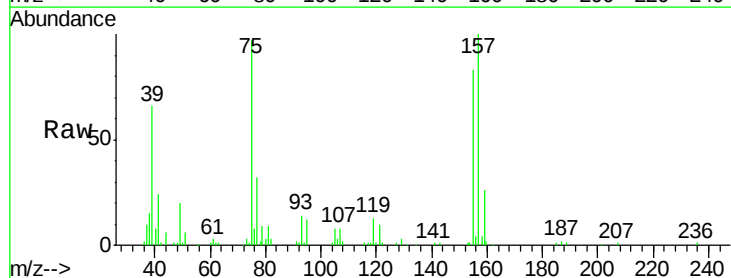
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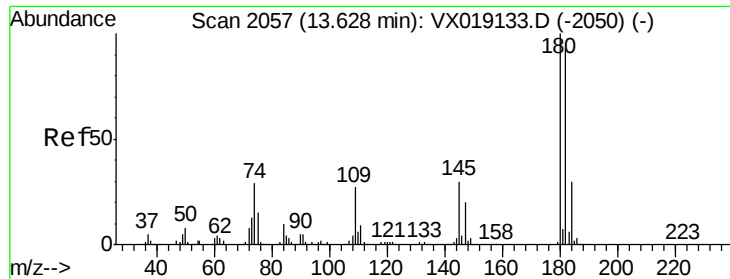
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.469 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019237.D
 Acq: 03 Nov 2020 16:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.3	42.8	128.4
157	103.6	54.8	164.4





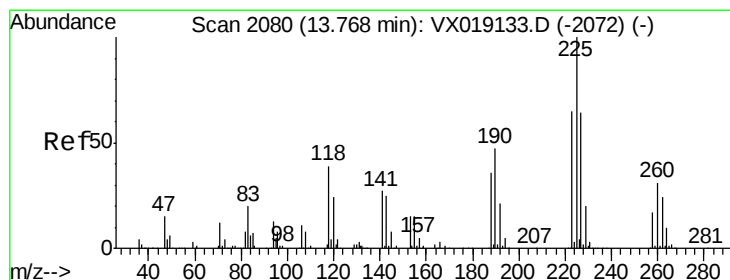
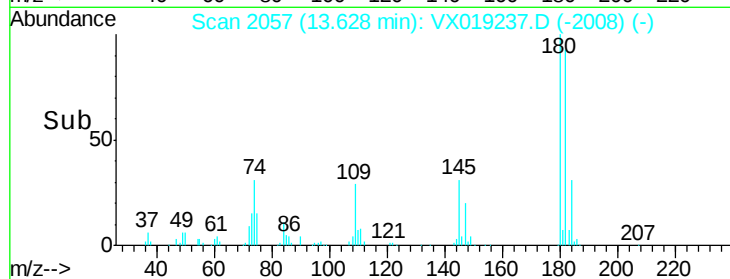
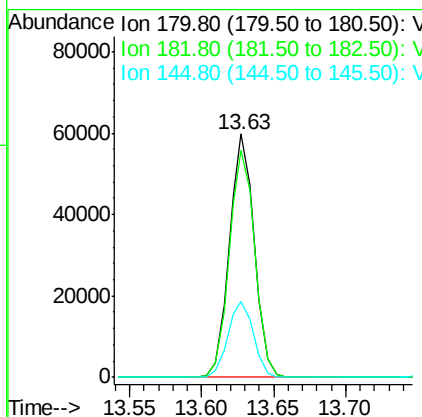
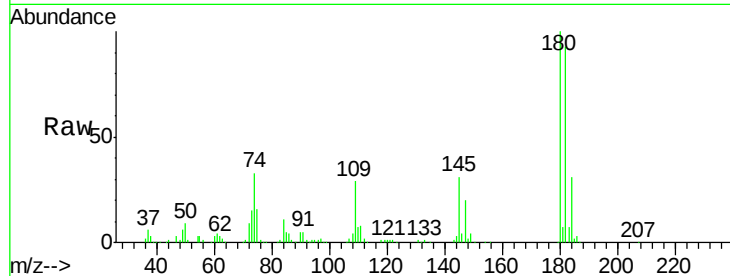
#93
 1,2,4-Trichlorobenzene
 Concen: 15.498 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019237.D
 Acq: 03 Nov 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.8	140.3
145	32.3	15.5	46.5

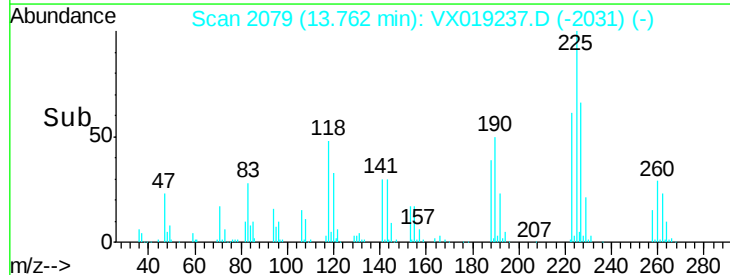
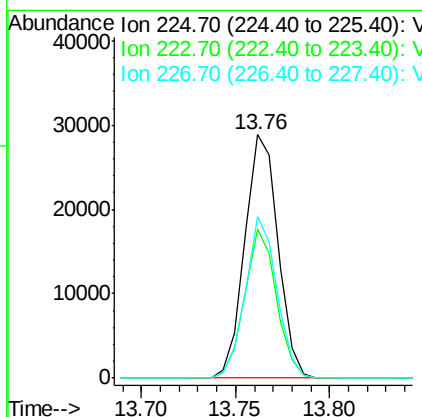
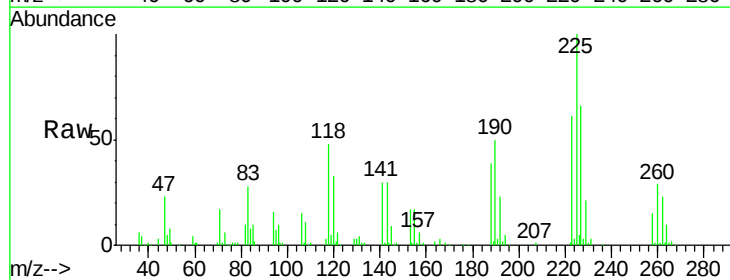
Manual Integrations
 APPROVED

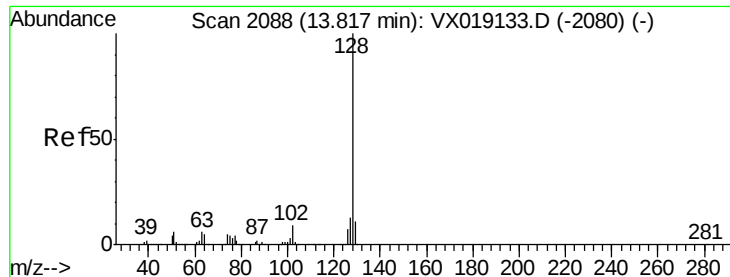
MMDadoda
 11/4/2020 11:58:48 AM



#94
 Hexachlorobutadiene
 Concen: 17.130 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019237.D
 Acq: 03 Nov 2020 16:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.7	32.4	97.2
227	62.9	31.6	94.7





#95

Naphthalene

Concen: 16.081 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Instrument :

MSVOA_X

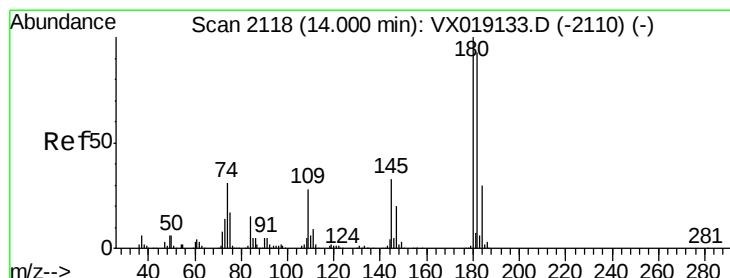
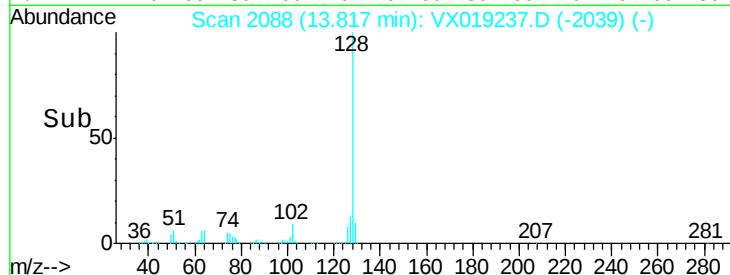
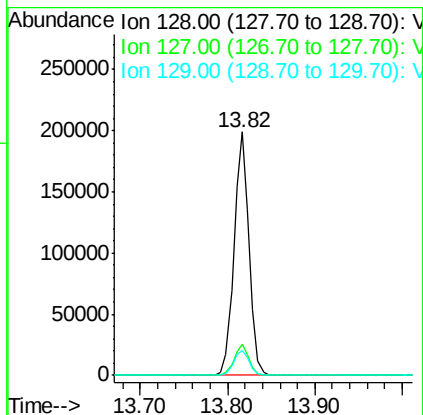
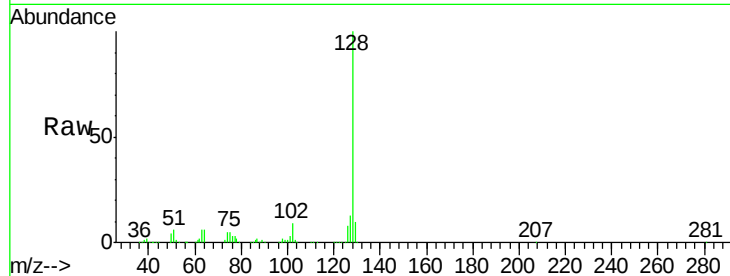
ClientSampleId :

VX1104WBS01

Tot Ion:	128	Resp:	237293
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/4/2020 11:58:48 AM



#96

1,2,3-Trichlorobenzene

Concen: 15.992 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019237.D

Acq: 03 Nov 2020 16:56

Tgt Ion:	180	Resp:	72686
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.8	143.3
145	34.4	16.5	49.5

