

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031320\
 Data File : VX015270.D
 Acq On : 13 Mar 2020 19:06
 Operator : JC/SP
 Sample : L1903-13MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

Quant Time: Mar 16 08:24:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	231807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	352224	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	327489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	175573	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	135666	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	5.49	113	115729	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
50) Toluene-d8	8.71	98	443310	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.13	95	165632	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	91819	45.234	ug/l	98
3) Chloromethane	1.32	50	119364	41.513	ug/l	100
4) Vinyl Chloride	1.40	62	124471	42.691	ug/l	99
5) Bromomethane	1.64	94	80016	44.640	ug/l	100
6) Chloroethane	1.72	64	79347	45.368	ug/l	97
7) Trichlorofluoromethane	1.92	101	161421	46.529	ug/l	94
8) Diethyl Ether	2.18	74	72099	45.884	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	111974	51.301	ug/l	98
10) Methyl Iodide	2.50	142	111779	45.329	ug/l	99
11) Tert butyl alcohol	3.05	59	138912	291.135	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107960	47.926	ug/l	98
13) Acrolein	2.28	56	114556	255.478	ug/l	97
14) Allyl chloride	2.72	41	204570	52.082	ug/l	93
15) Acrylonitrile	3.13	53	335179	282.073	ug/l	99
16) Acetone	2.44	43	272616	244.776	ug/l	97
17) Carbon Disulfide	2.56	76	280235	44.796	ug/l	99
18) Methyl Acetate	2.76	43	142345	52.270	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	372064	52.855	ug/l	98
20) Methylene Chloride	2.85	84	125328	48.084	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	116425	48.403	ug/l	98
22) Diisopropyl ether	3.84	45	420310	53.710	ug/l	96
23) Vinyl Acetate	3.81	43	1668563	259.389	ug/l	99
24) 1,1-Dichloroethane	3.69	63	223218	51.395	ug/l	99
25) 2-Butanone	4.66	43	455414	279.308	ug/l	98
26) 2,2-Dichloropropane	4.57	77	148192	42.981	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	150694	55.845	ug/l	97
28) Bromochloromethane	5.00	49	104867	53.024	ug/l	97
29) Tetrahydrofuran	5.12	42	303696	288.947	ug/l	96
30) Chloroform	5.20	83	220139	52.003	ug/l	95
31) Cyclohexane	5.57	56	192869	49.785	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	177690	50.637	ug/l	99
36) 1,1-Dichloropropene	5.79	75	159211	48.895	ug/l	100
37) Ethyl Acetate	4.82	43	172463	57.099	ug/l	98
38) Carbon Tetrachloride	5.78	117	153641	49.988	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187429	49.296	ug/l	99
40) Benzene	6.14	78	496466	51.391	ug/l	100
41) Methacrylonitrile	5.03	41	102338	56.408	ug/l	96
42) 1,2-Dichloroethane	6.18	62	164355	49.541	ug/l	99
43) Isopropyl Acetate	6.43	43	285322	53.697	ug/l	99
44) Trichloroethene	7.21	130	734173	272.885	ug/l	99
45) 1,2-Dichloropropane	7.51	63	133439	53.364	ug/l	98
46) Dibromomethane	7.65	93	83716	51.381	ug/l	97
47) Bromodichloromethane	7.89	83	167402	51.956	ug/l	97
48) Methyl methacrylate	7.76	41	147725	54.624	ug/l	97
49) 1,4-Dioxane	7.73	88	66529	1137.791	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	912946	290.593	ug/l	100
52) Toluene	8.78	92	315157	53.355	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	179001	52.195	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	200895	51.817	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	127833	52.580	ug/l	97
56) Ethyl methacrylate	9.17	69	197031	56.817	ug/l	97
57) 1,3-Dichloropropane	9.37	76	211930	51.814	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	701	0.371	ug/l	93
59) 2-Hexanone	9.48	43	682944	293.291	ug/l	100
60) Dibromochloromethane	9.57	129	134911	52.825	ug/l	98
61) 1,2-Dibromoethane	9.67	107	130480	51.096	ug/l	99
64) Tetrachloroethene	9.33	164	180704	66.737	ug/l	98
65) Chlorobenzene	10.14	112	331228	50.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	125266	50.527	ug/l	99
67) Ethyl Benzene	10.25	91	584097	52.316	ug/l	99
68) m/p-Xylenes	10.35	106	448673	105.625	ug/l	100
69) o-Xylene	10.69	106	213685	52.542	ug/l	99
70) Styrene	10.71	104	379030	54.355	ug/l	100
71) Bromoform	10.85	173	106038	55.156	ug/l #	99
73) Isopropylbenzene	11.01	105	577783	51.515	ug/l	100
74) N-amyl acetate	10.89	43	238166	50.388	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	185765	49.699	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	216043	61.689	ug/l	77
77) Bromobenzene	11.25	156	151156	48.359	ug/l	99
78) n-propylbenzene	11.35	91	663752	51.801	ug/l	100
79) 2-Chlorotoluene	11.42	91	386437	50.500	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	481747	51.597	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	59512	48.226	ug/l	99
82) 4-Chlorotoluene	11.51	91	450141	49.791	ug/l	99
83) tert-Butylbenzene	11.76	119	463108	51.298	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	488462	52.077	ug/l	99
85) sec-Butylbenzene	11.94	105	565958	51.931	ug/l	100
86) p-Isopropyltoluene	12.06	119	524568	52.244	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	275907	50.212	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	276721	48.779	ug/l	99
89) n-Butylbenzene	12.39	91	463022	51.849	ug/l	99
90) Hexachloroethane	12.59	117	91407	48.154	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	273279	50.024	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40959	54.723	ug/l	96

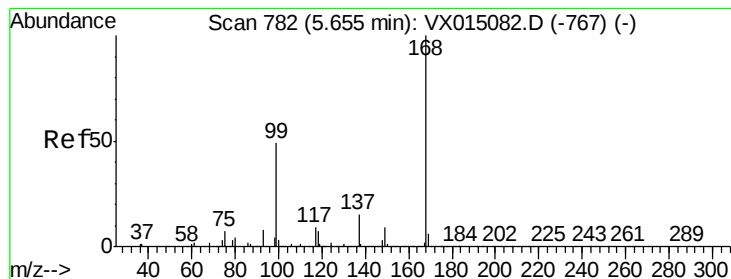
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	201219	53.063	ug/l	99
94) Hexachlorobutadiene	13.78	225	93862	48.236	ug/l	99
95) Naphthalene	13.83	128	588224	50.597	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	205967	54.438	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

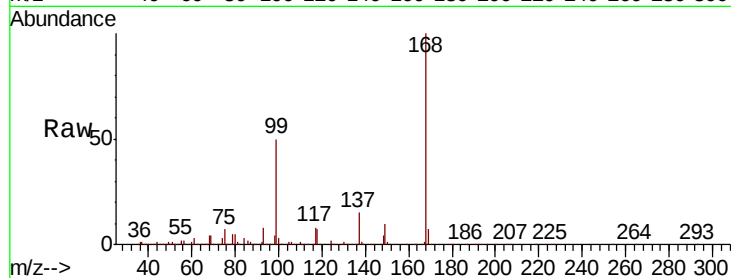
RE131D1-20200309MSD

Tot Ion:168 Resp: 231807

Ion Ratio Lower Upper

168 100

99 49.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

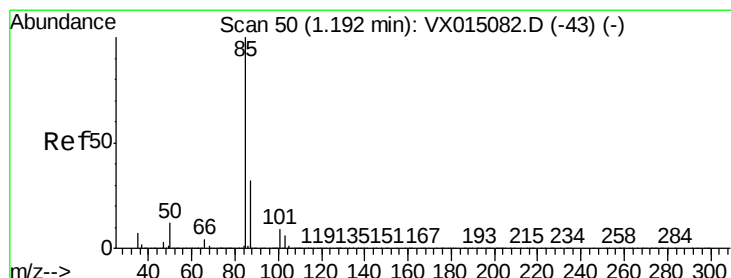
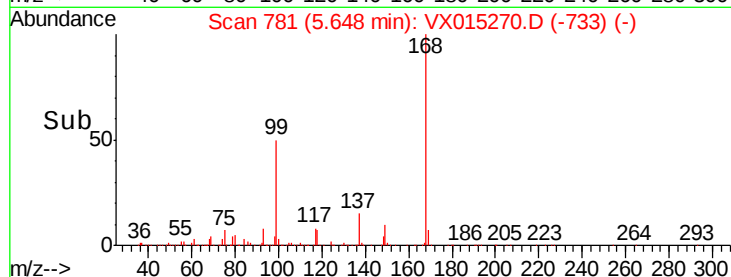
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.234 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015270.D

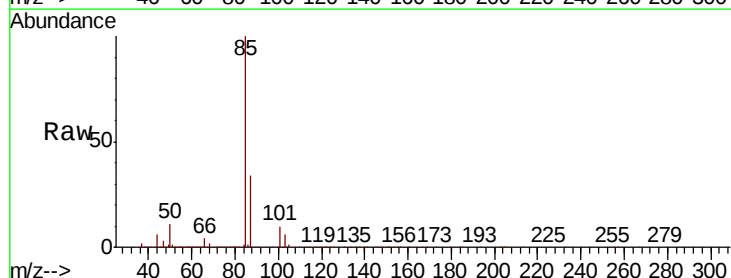
Acq: 13 Mar 2020 19:06

Tgt Ion: 85 Resp: 91819

Ion Ratio Lower Upper

85 100

87 33.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

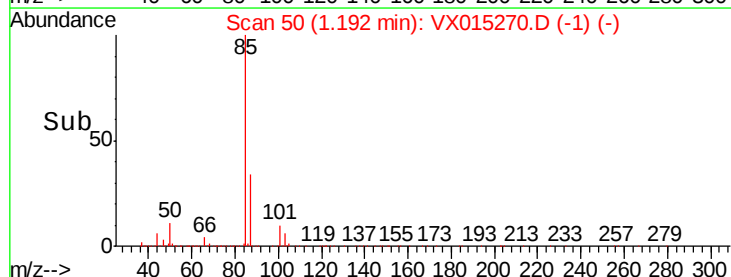
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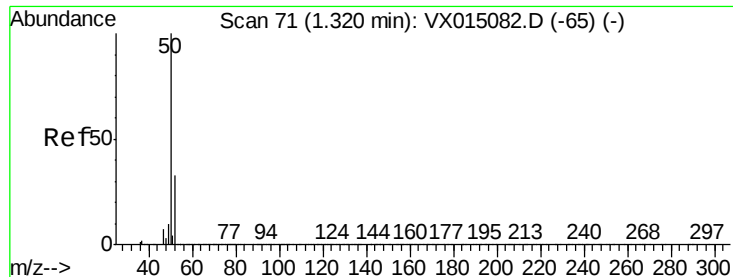
20000

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Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 41.513 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

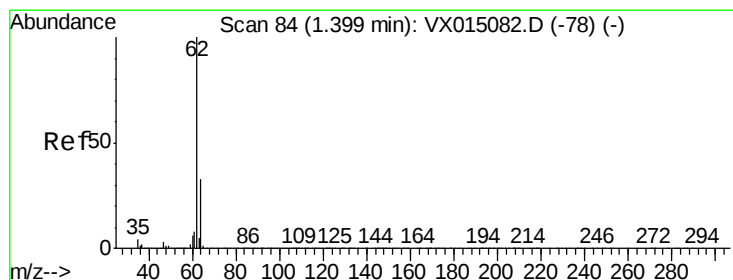
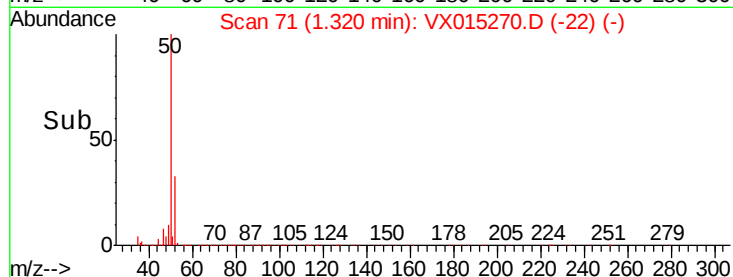
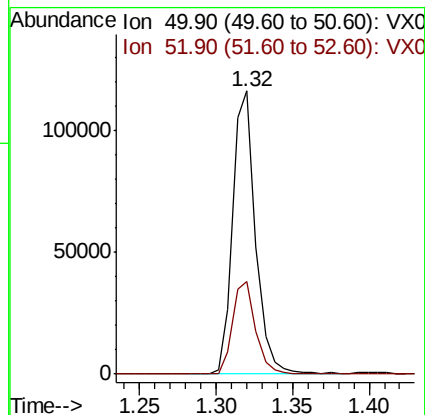
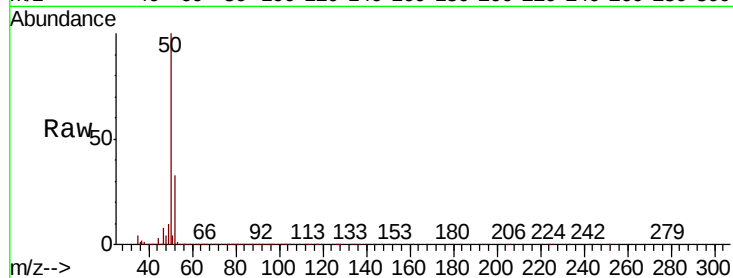
RE131D1-20200309MSD

Tot Ion: 50 Resp: 119364

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



#4

Vinyl Chloride

Concen: 42.691 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015270.D

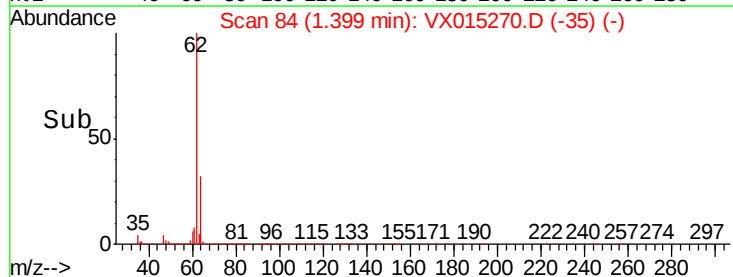
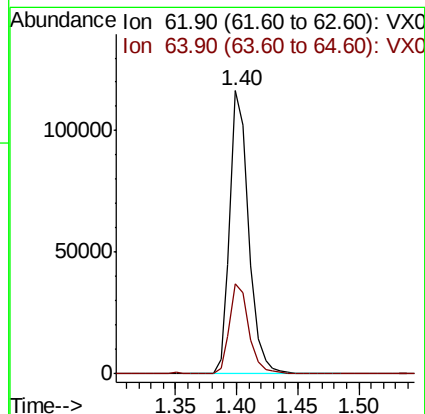
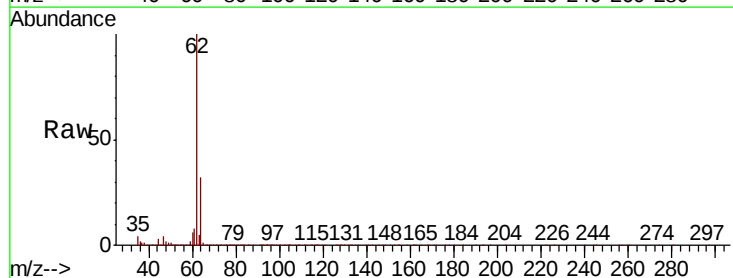
Acq: 13 Mar 2020 19:06

Tgt Ion: 62 Resp: 124471

Ion Ratio Lower Upper

62 100

64 31.8 26.1 39.1





#5

Bromomethane

Concen: 44.640 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

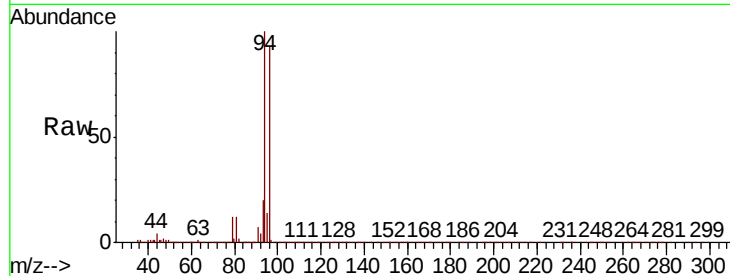
RE131D1-20200309MSD

Tot Ion: 94 Resp: 80016

Ion Ratio Lower Upper

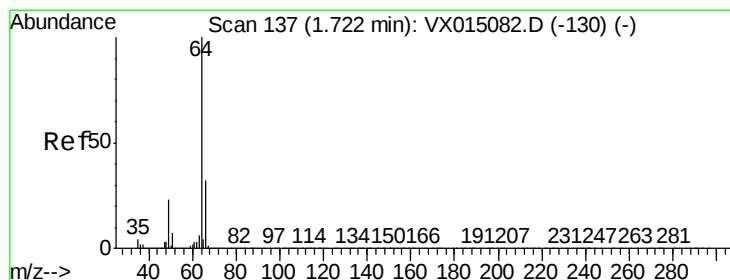
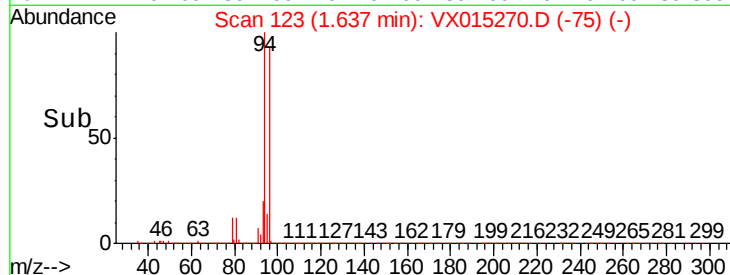
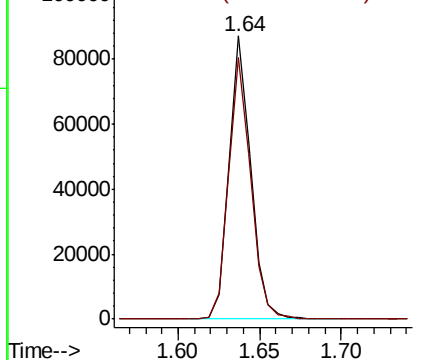
94 100

96 92.7 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.368 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015270.D

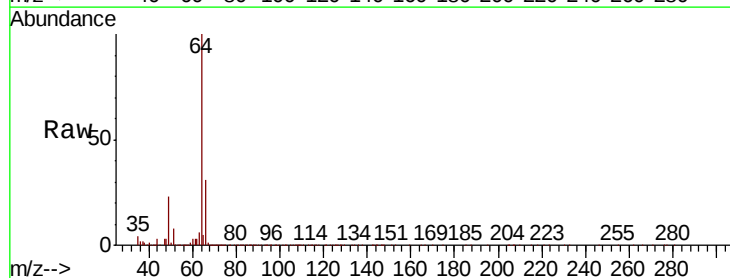
Acq: 13 Mar 2020 19:06

Tgt Ion: 64 Resp: 79347

Ion Ratio Lower Upper

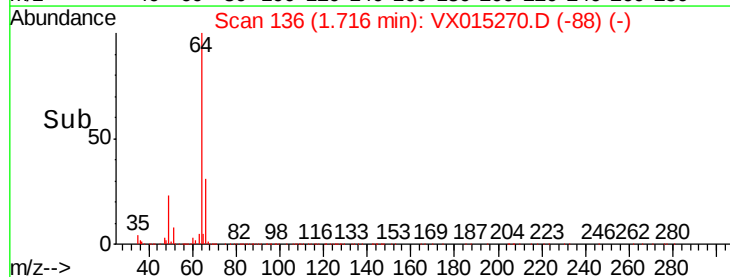
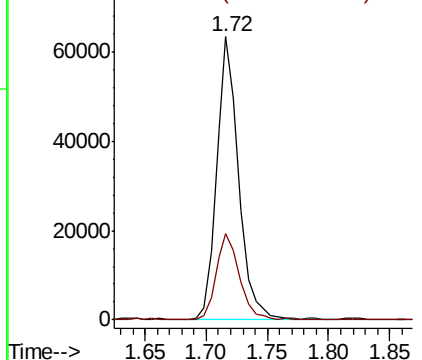
64 100

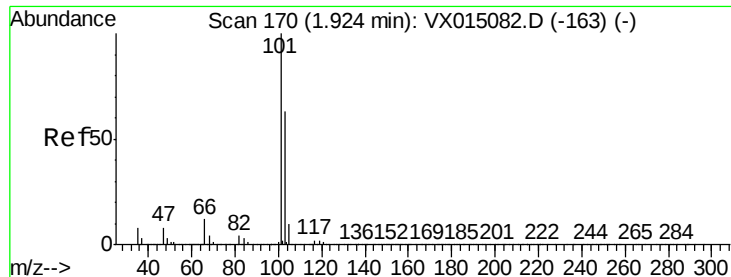
66 30.5 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



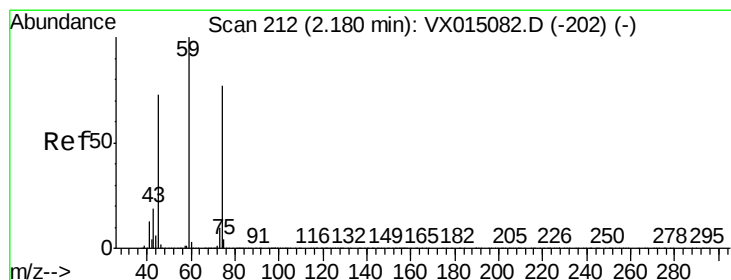
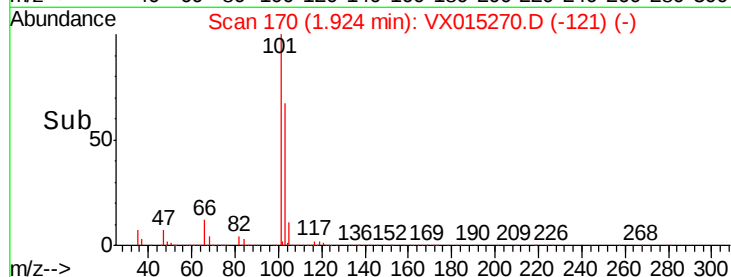
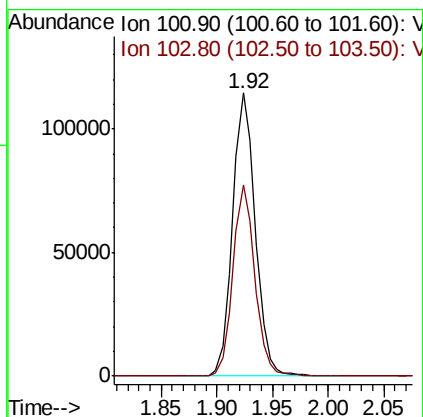
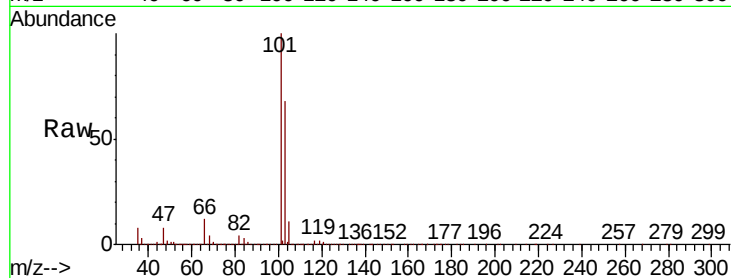


#7

Trichlorofluoromethane
Concen: 46.529 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
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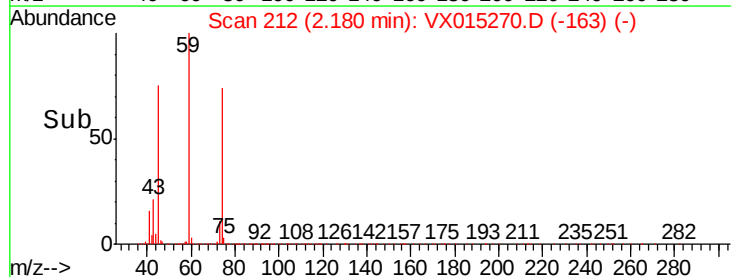
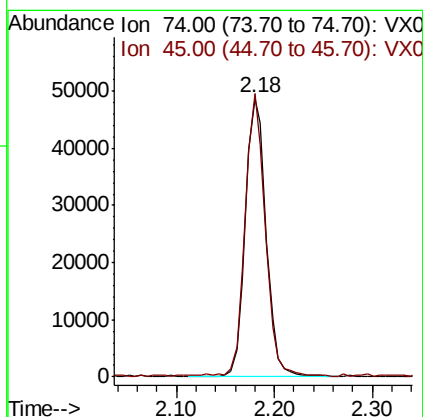
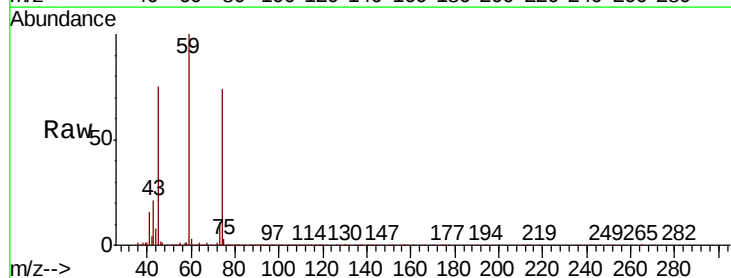
Tot Ion:101 Resp: 161421
Ion Ratio Lower Upper
101 100
103 67.5 50.4 75.6

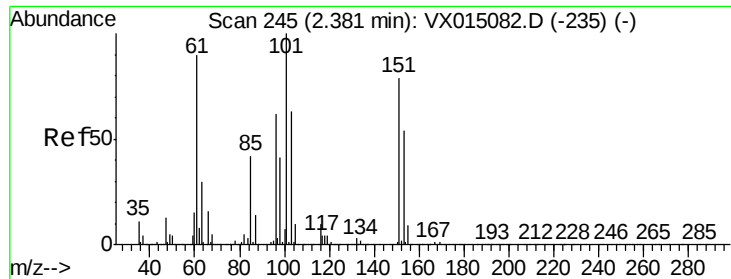


#8

Diethyl Ether
Concen: 45.884 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion: 74 Resp: 72099
Ion Ratio Lower Upper
74 100
45 97.7 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.301 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

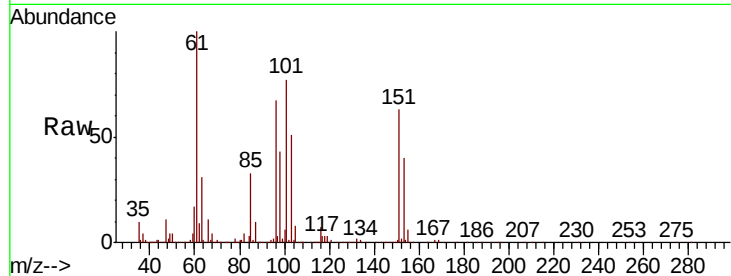
Tot Ion:101 Resp: 111974

Ion Ratio Lower Upper

101 100

85 40.9 33.7 50.5

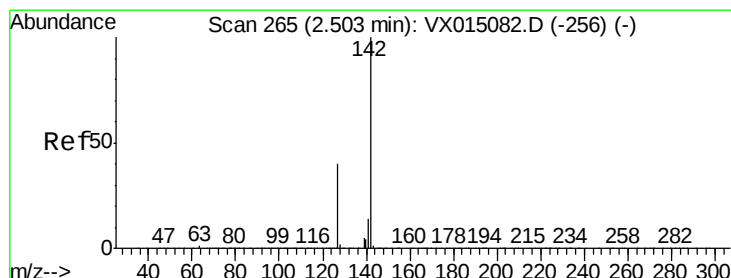
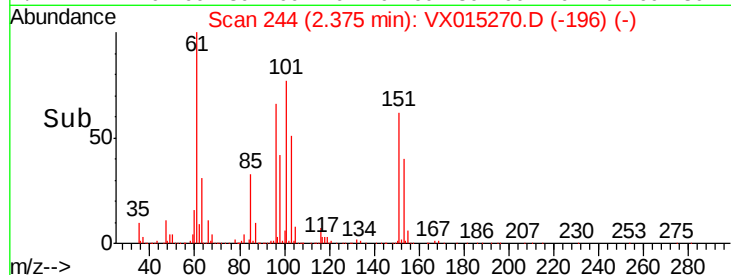
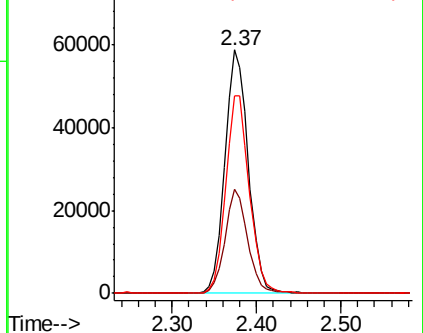
151 81.8 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.329 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

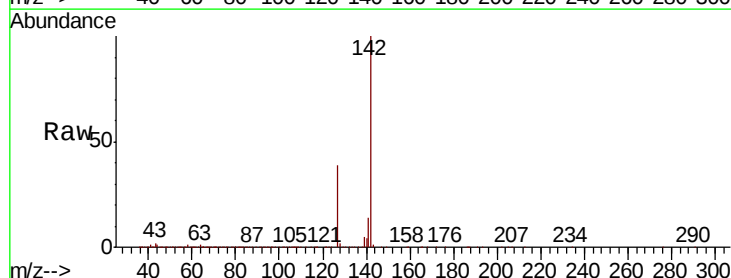
Tgt Ion:142 Resp: 111779

Ion Ratio Lower Upper

142 100

127 39.0 31.7 47.5

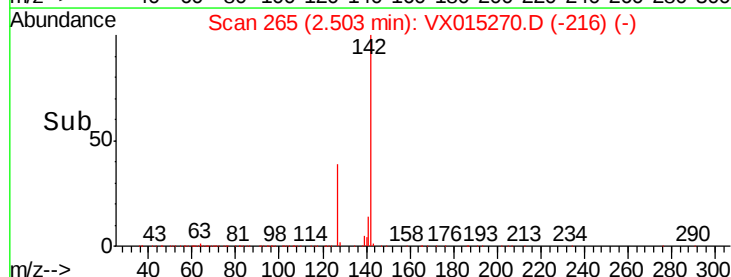
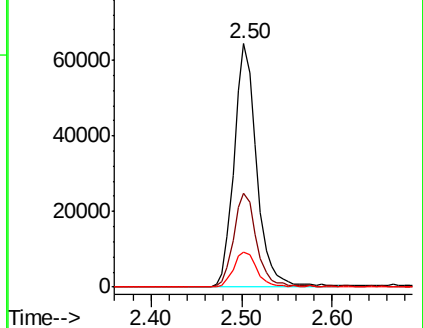
141 15.3 11.3 16.9

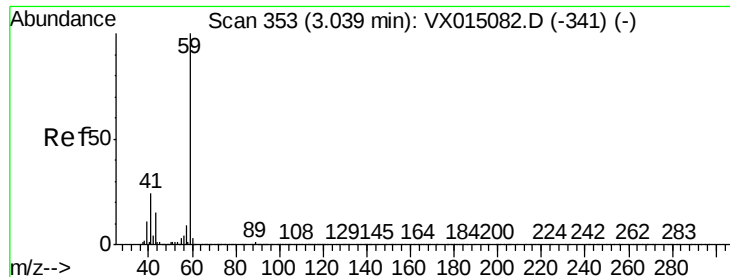


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



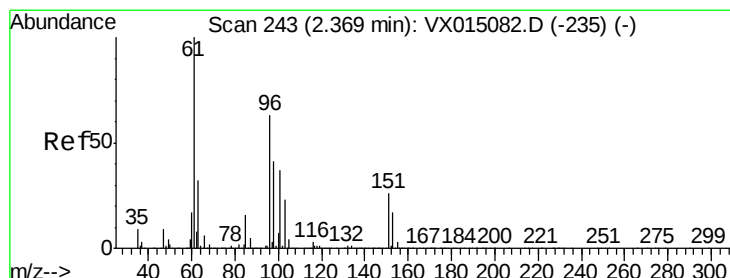
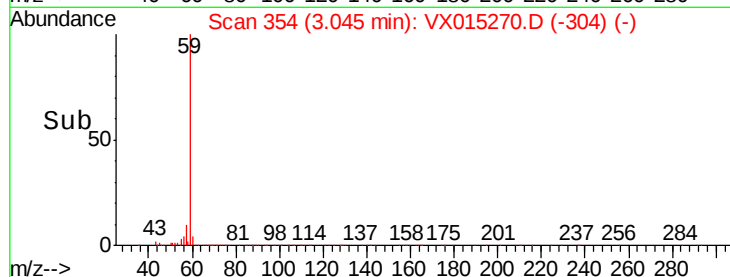
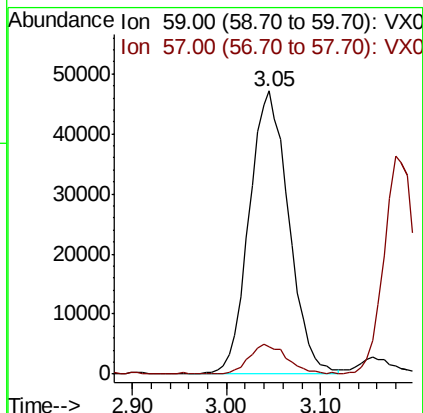
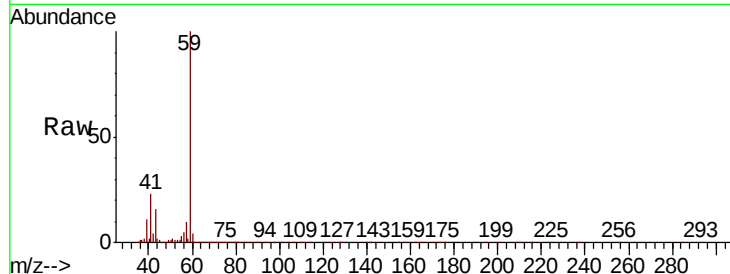


#11

Tert butyl alcohol
Concen: 291.135 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

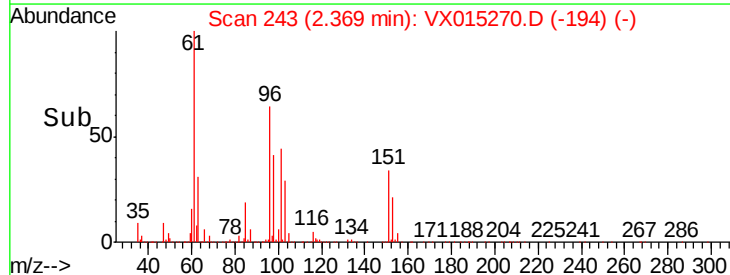
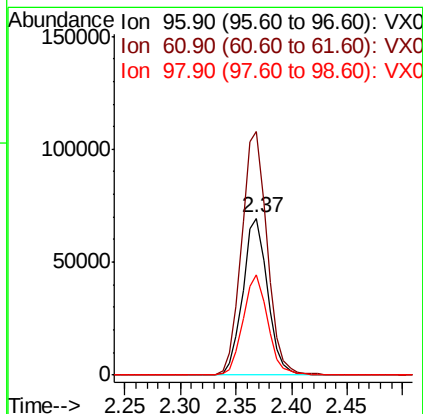
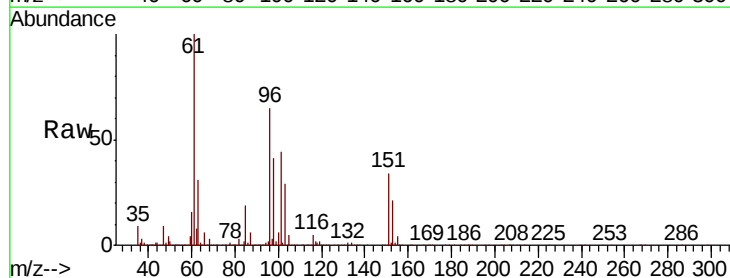
Tot Ion: 59 Resp: 138912
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

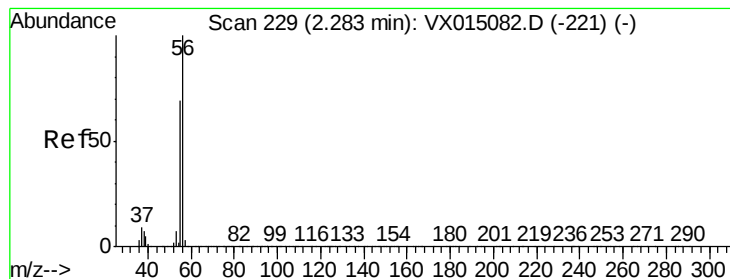


#12

1,1-Dichloroethene
Concen: 47.926 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion: 96 Resp: 107960
Ion Ratio Lower Upper
96 100
61 155.0 126.2 189.4
98 63.5 51.4 77.0





#13

Acrolein

Concen: 255.478 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

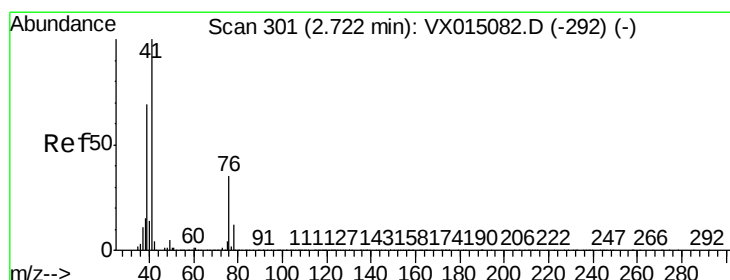
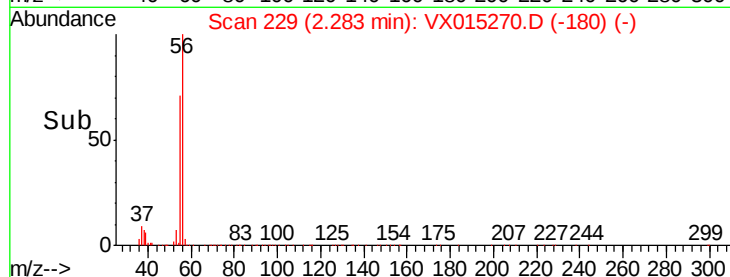
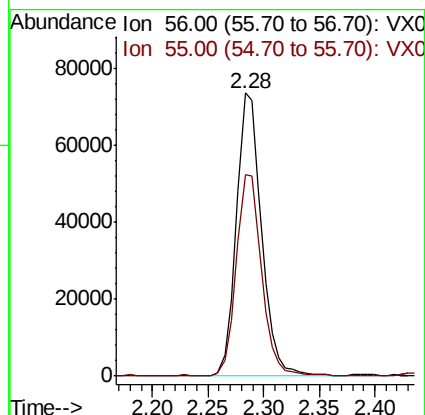
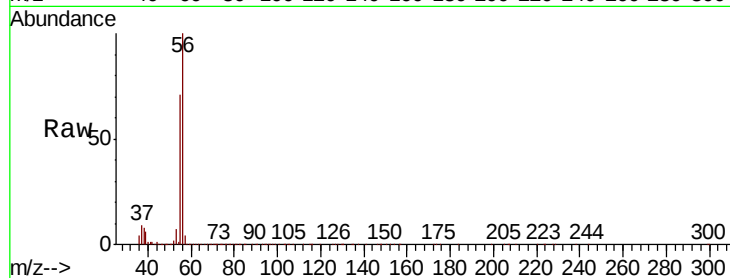
RE131D1-20200309MSD

Tot Ion: 56 Resp: 114556

Ion Ratio Lower Upper

56 100

55 71.7 55.4 83.0



#14

Allyl chloride

Concen: 52.082 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

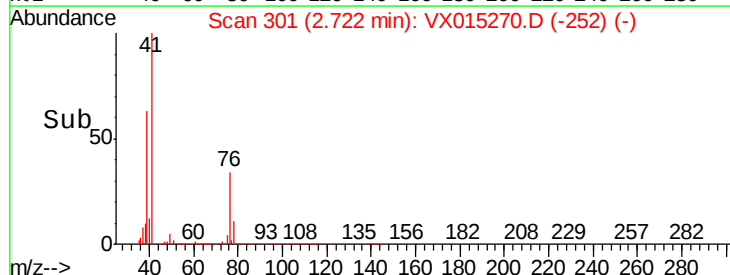
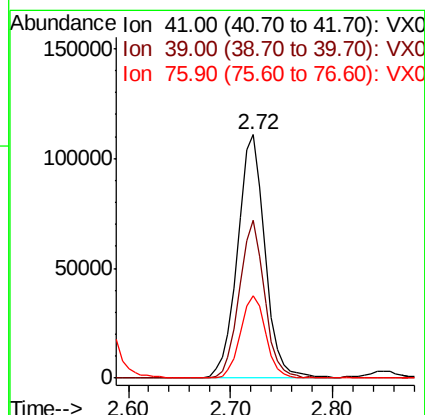
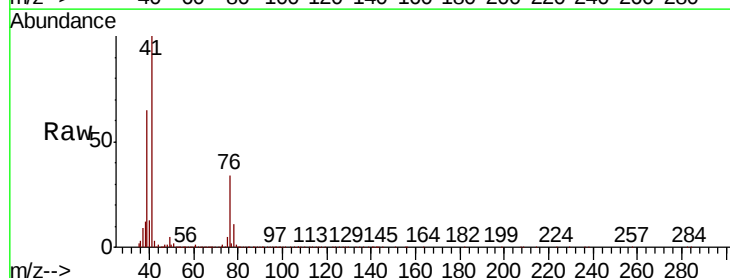
Tgt Ion: 41 Resp: 204570

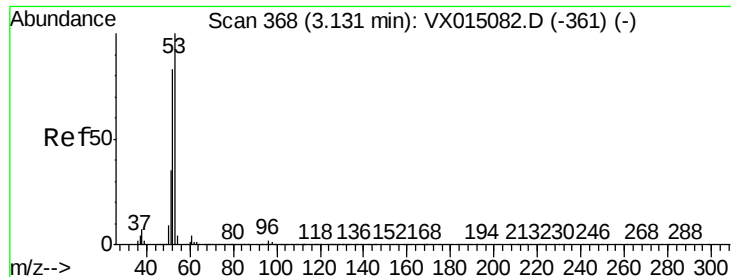
Ion Ratio Lower Upper

41 100

39 59.6 52.9 79.3

76 31.0 26.8 40.2





#15

Acrylonitrile

Concen: 282.073 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

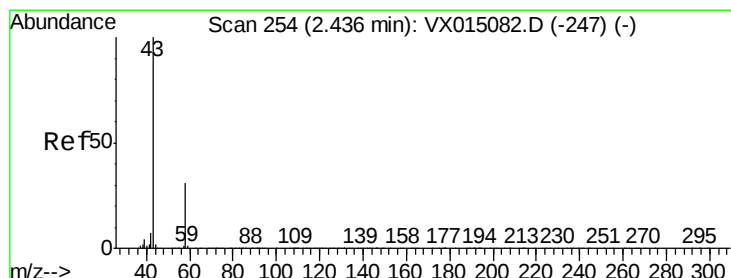
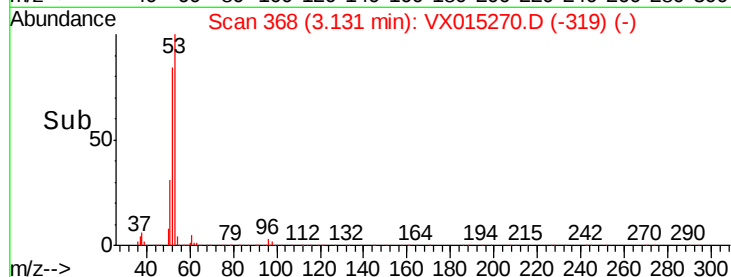
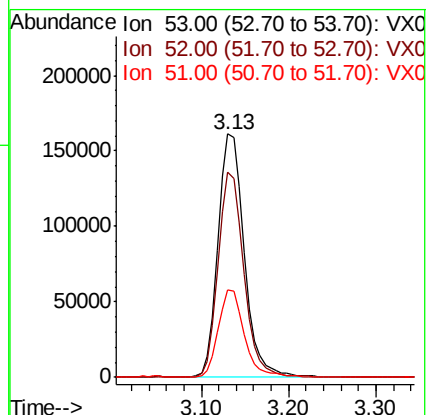
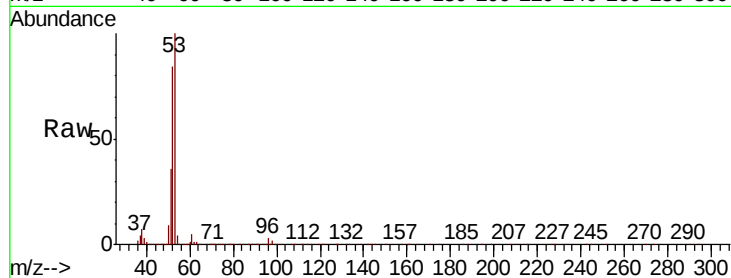
Tot Ion: 53 Resp: 335179

Ion Ratio Lower Upper

53 100

52 82.5 66.6 100.0

51 35.5 29.0 43.6



#16

Acetone

Concen: 244.776 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015270.D

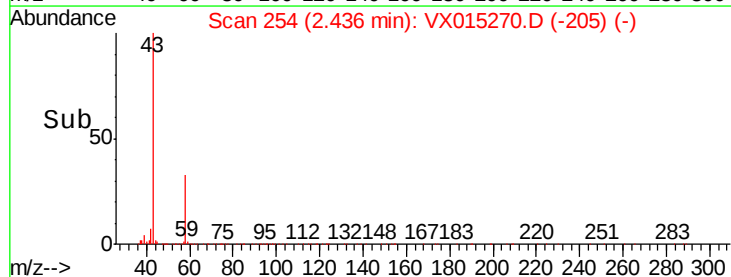
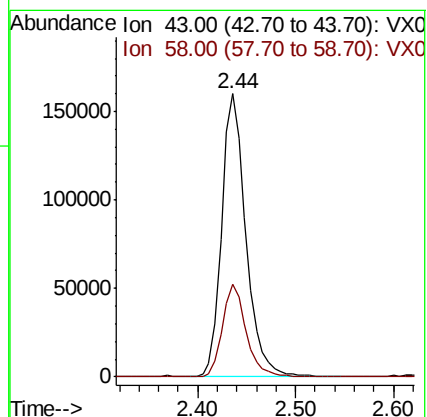
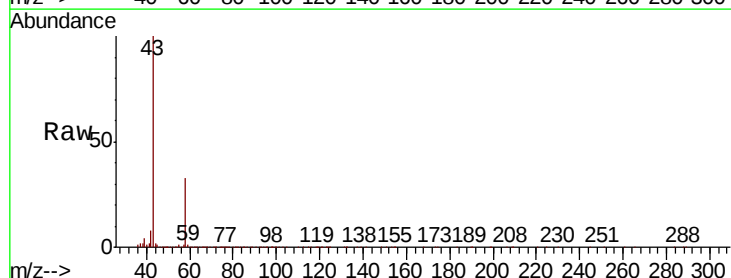
Acq: 13 Mar 2020 19:06

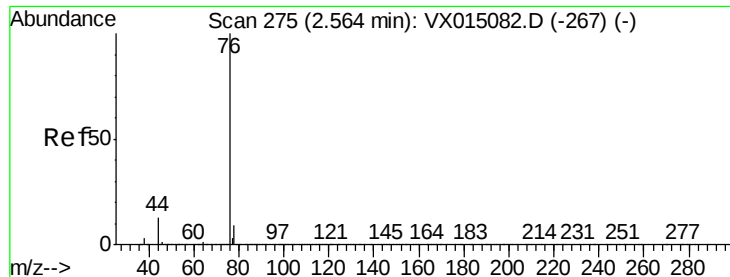
Tgt Ion: 43 Resp: 272616

Ion Ratio Lower Upper

43 100

58 32.8 24.8 37.2

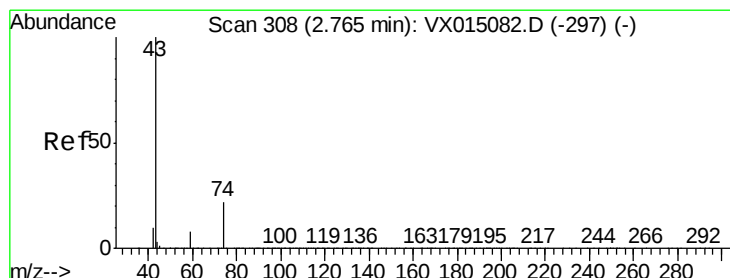
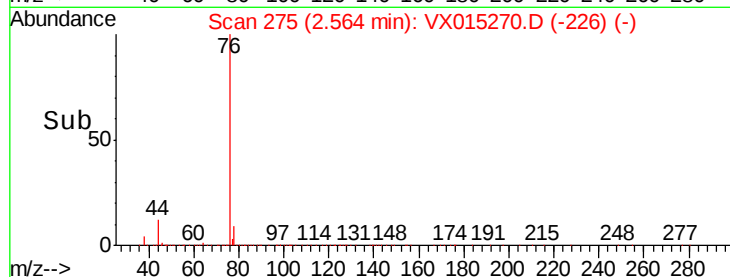
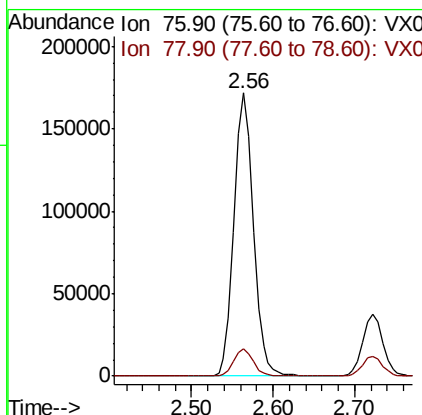
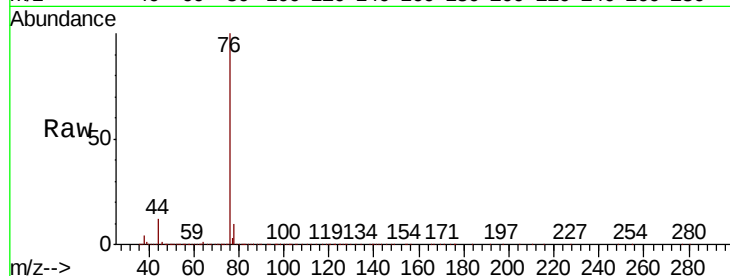




#17
Carbon Disulfide
Concen: 44.796 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

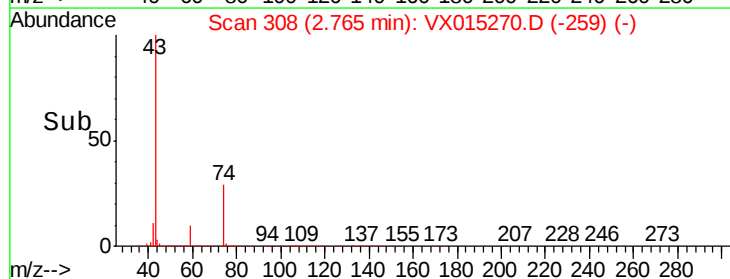
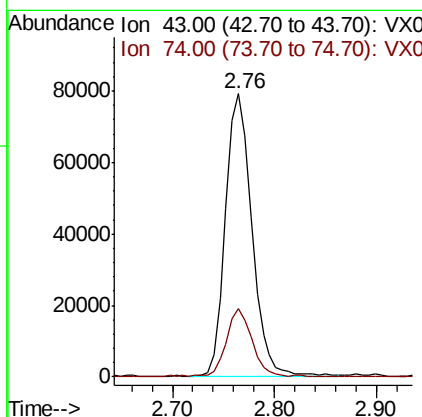
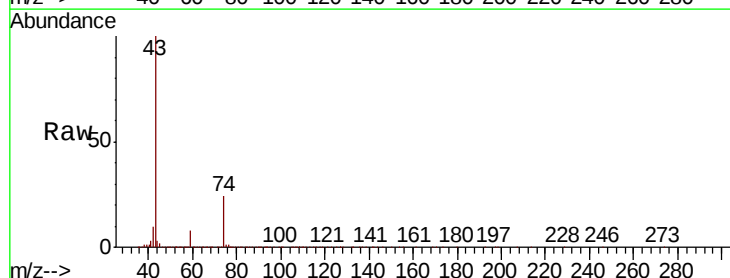
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

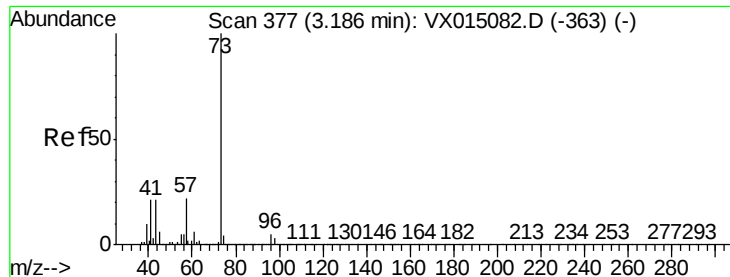
Tot Ion: 76 Resp: 280235
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 52.270 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion: 43 Resp: 142345
Ion Ratio Lower Upper
43 100
74 23.3 18.8 28.2

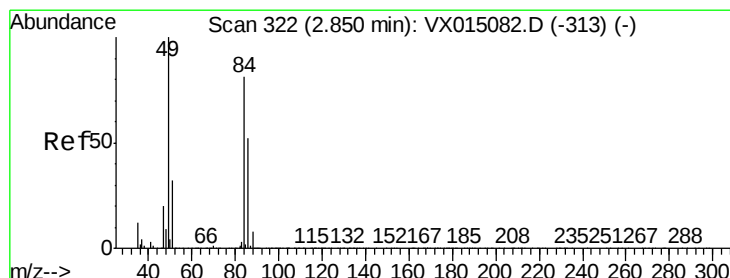
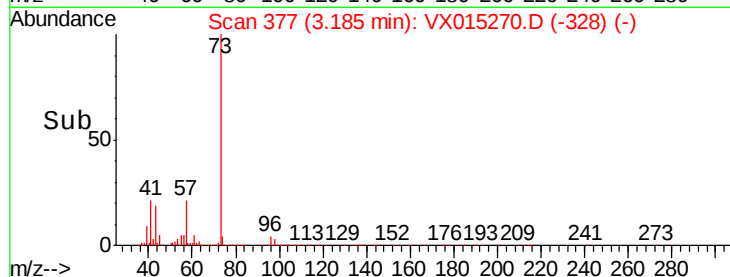
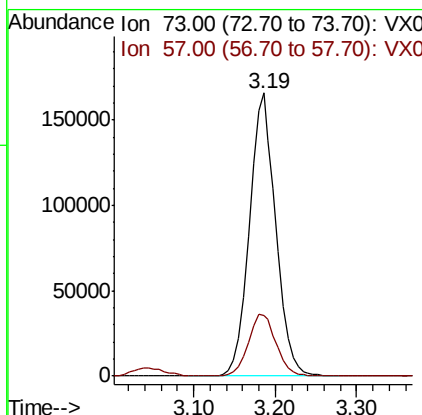
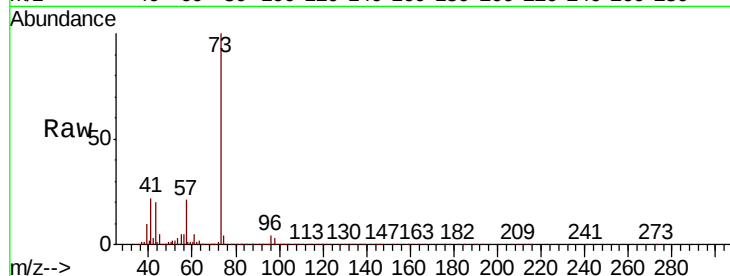




#19
Methyl tert-butyl Ether
Concen: 52.855 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

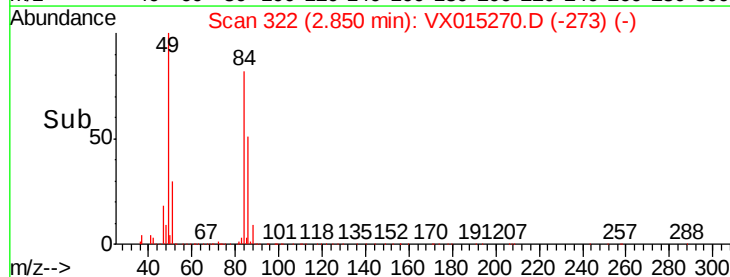
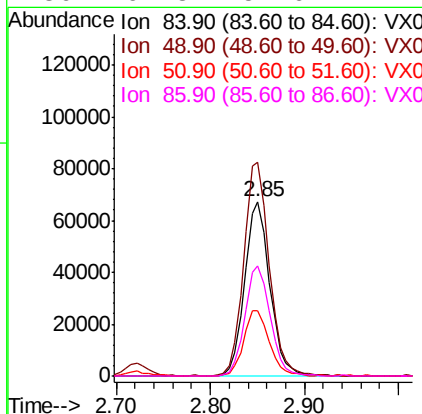
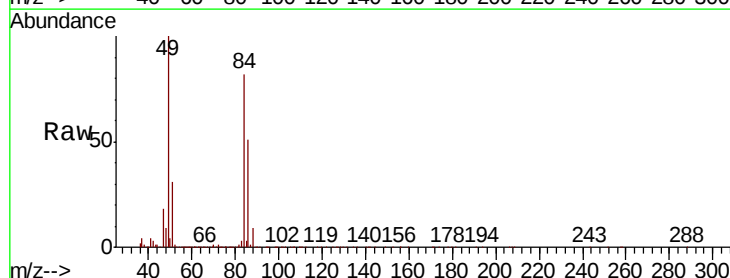
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

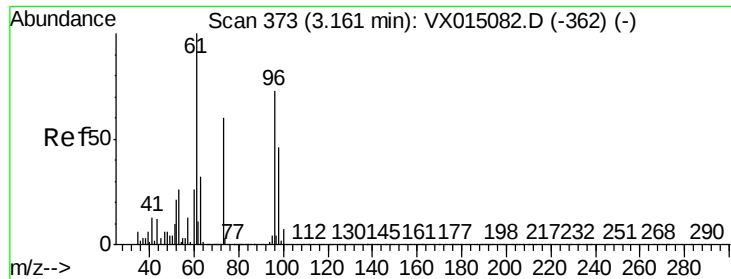
Tot Ion: 73 Resp: 372064
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.6



#20
Methylene Chloride
Concen: 48.084 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion: 84 Resp: 125328
Ion Ratio Lower Upper
84 100
49 122.1 99.4 149.2
51 37.0 31.5 47.3
86 62.8 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 48.403 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

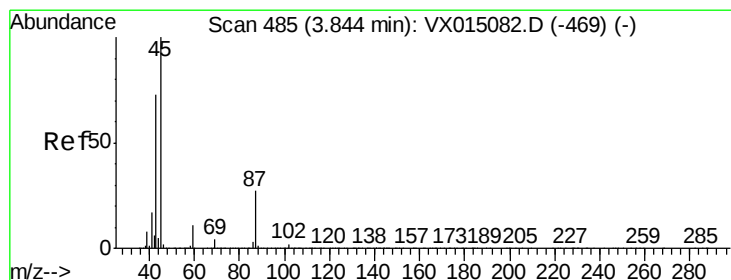
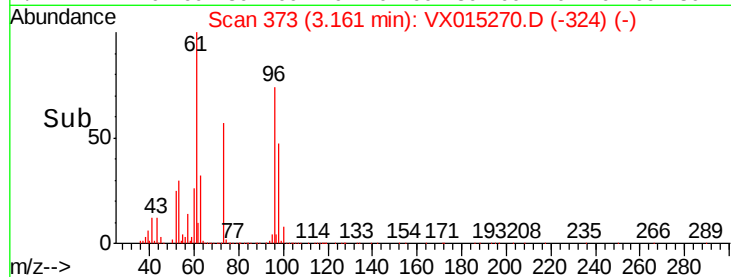
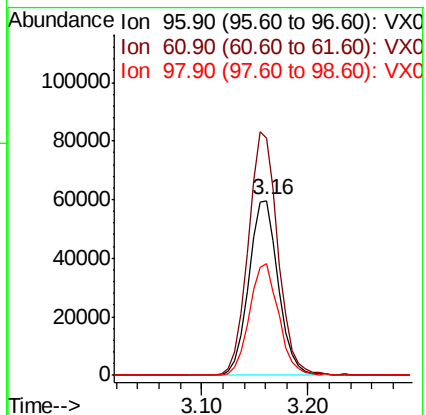
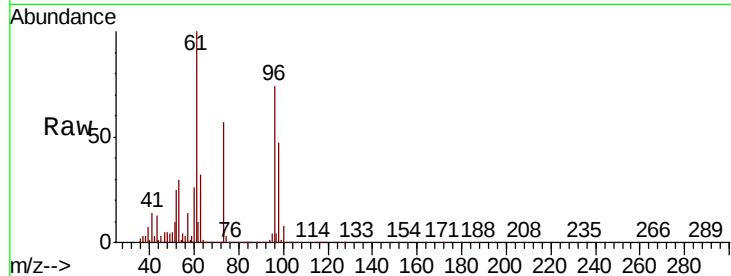
Tot Ion: 96 Resp: 116425

Ion Ratio Lower Upper

96 100

61 135.5 109.9 164.9

98 63.8 50.2 75.2



#22

Diisopropyl ether

Concen: 53.710 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Tgt Ion: 45 Resp: 420310

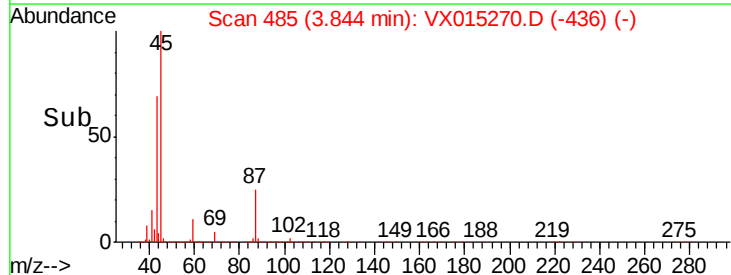
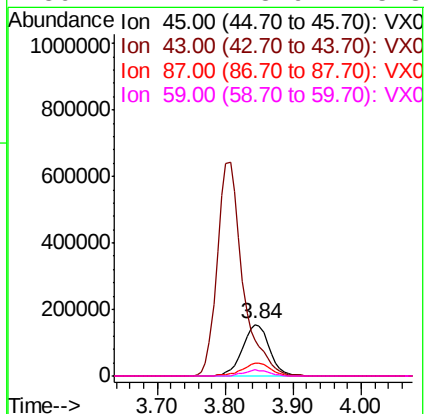
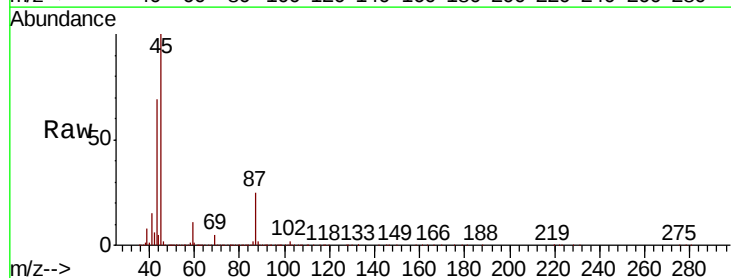
Ion Ratio Lower Upper

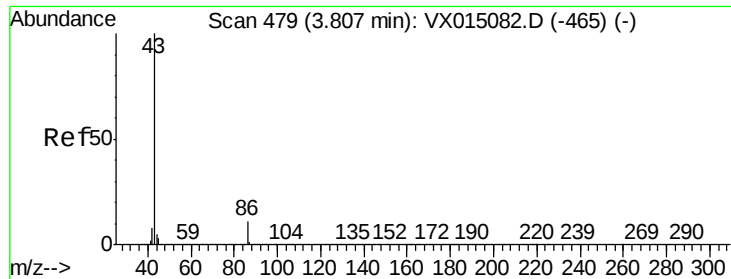
45 100

43 68.9 58.2 87.2

87 25.1 21.2 31.8

59 11.4 8.9 13.3





#23

Vinyl Acetate

Concen: 259.389 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

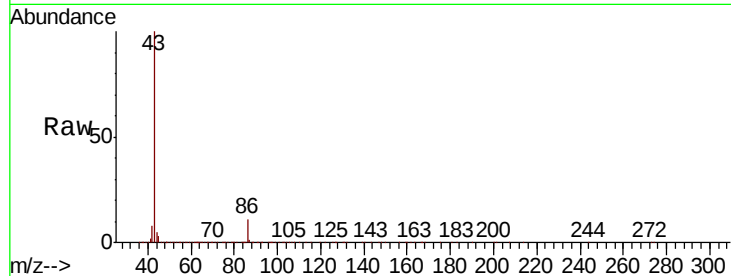
RE131D1-20200309MSD

Tot Ion: 43 Resp: 1668563

Ion Ratio Lower Upper

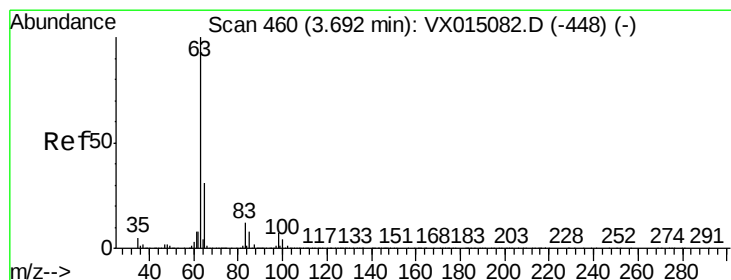
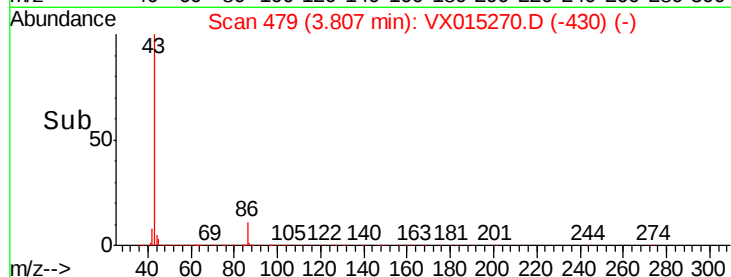
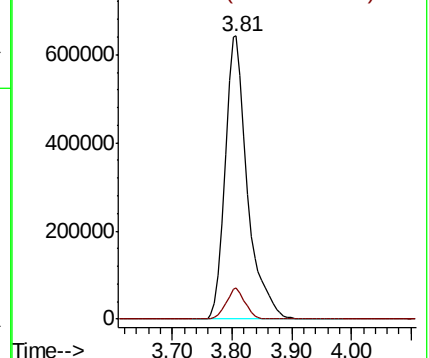
43 100

86 10.9 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.395 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

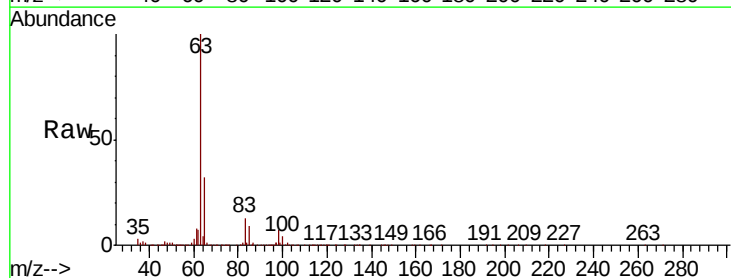
Tgt Ion: 63 Resp: 223218

Ion Ratio Lower Upper

63 100

98 6.8 3.7 11.1

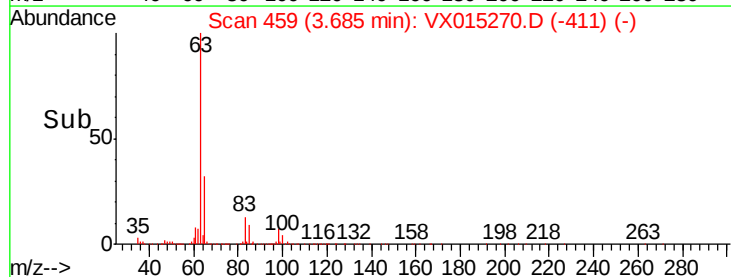
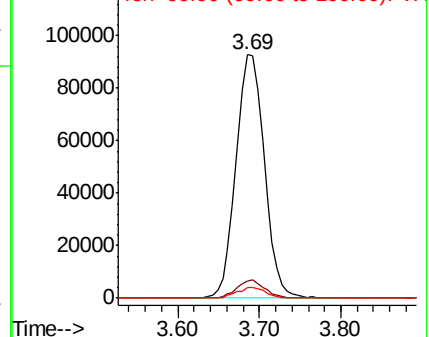
100 4.4 2.1 6.5

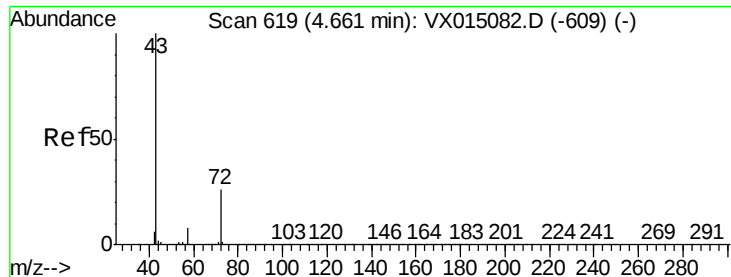


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 279.308 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

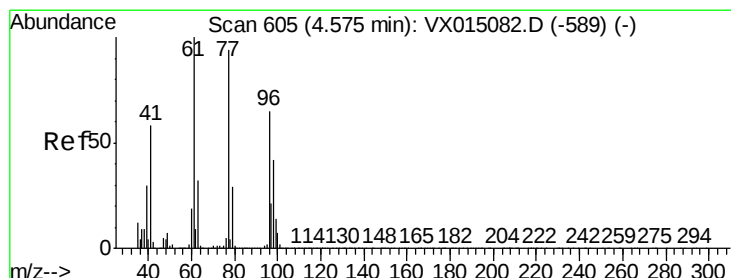
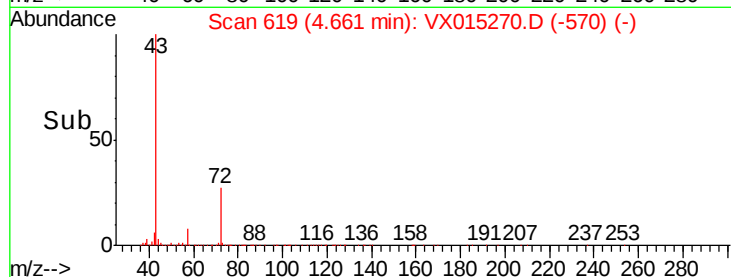
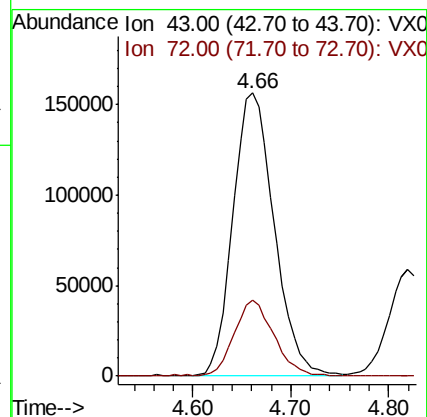
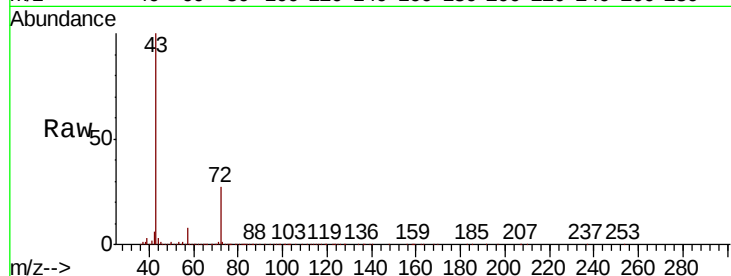
RE131D1-20200309MSD

Tot Ion: 43 Resp: 455414

Ion Ratio Lower Upper

43 100

72 26.9 20.6 30.8



#26

2,2-Dichloropropane

Concen: 42.981 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015270.D

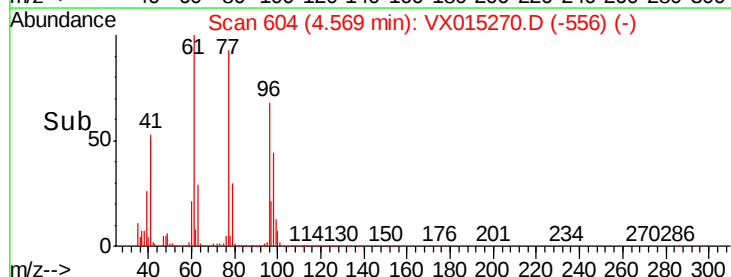
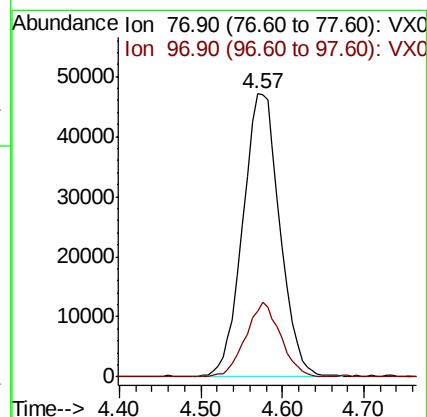
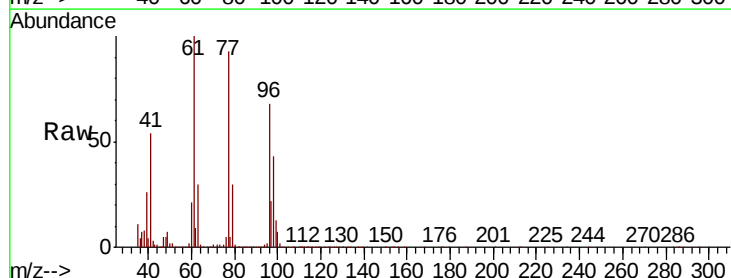
Acq: 13 Mar 2020 19:06

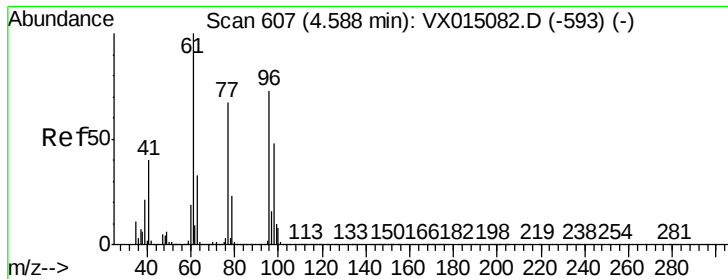
Tgt Ion: 77 Resp: 148192

Ion Ratio Lower Upper

77 100

97 25.2 11.8 35.4



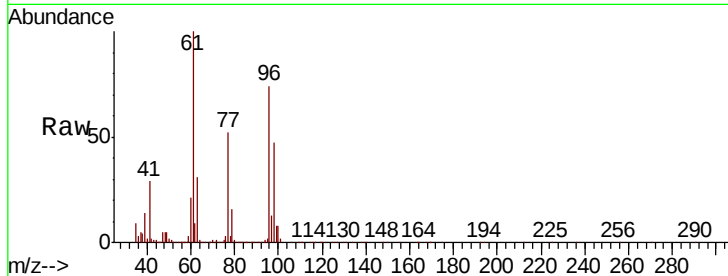


#27

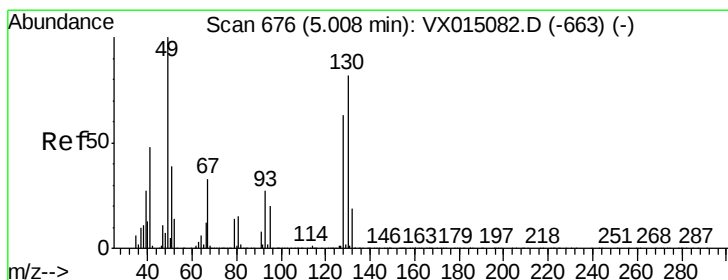
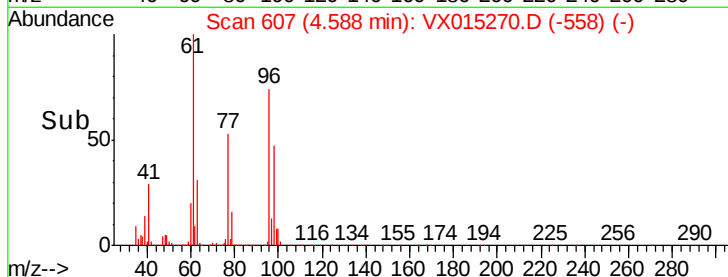
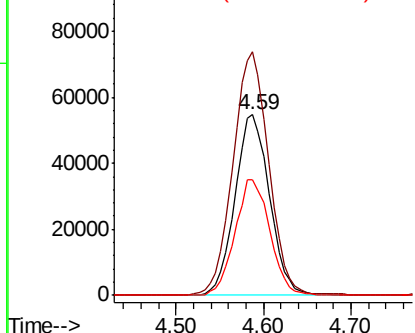
cis-1,2-Dichloroethene
Concen: 55.845 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	286.8
98	64.4	0.0	128.4



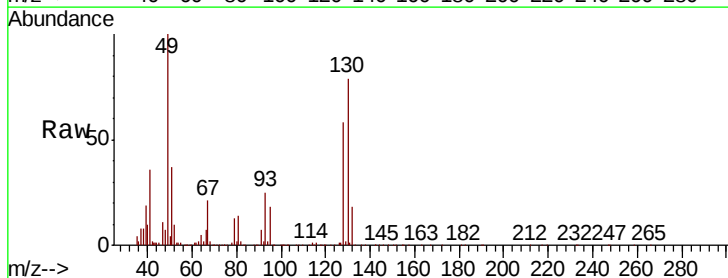
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



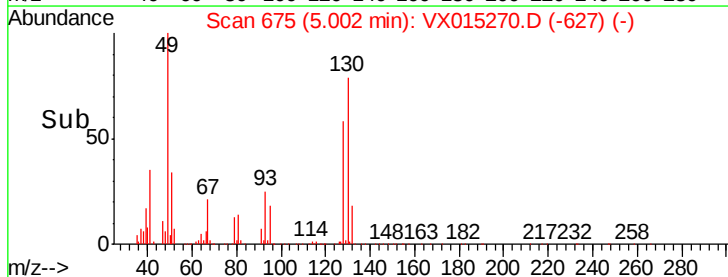
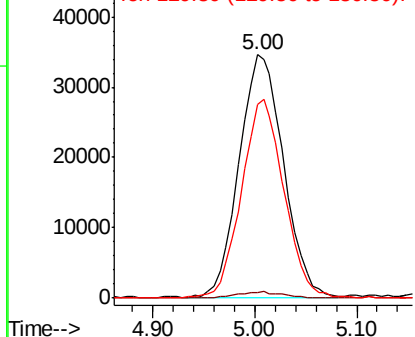
#28

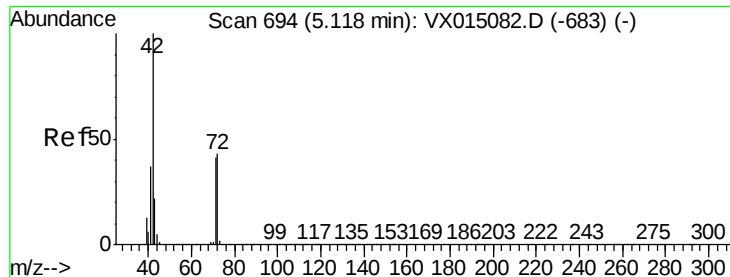
Bromochloromethane
Concen: 53.024 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	78.3	65.0	97.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 288.947 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

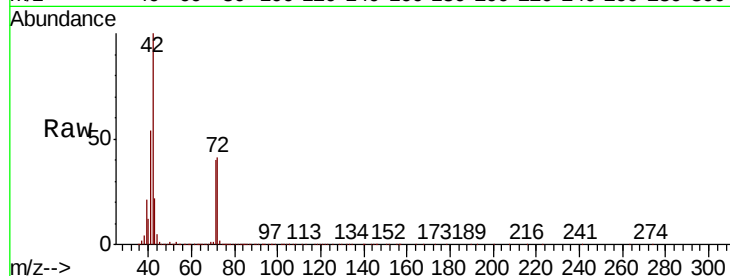
Tot Ion: 42 Resp: 303696

Ion Ratio Lower Upper

42 100

72 42.1 36.4 54.6

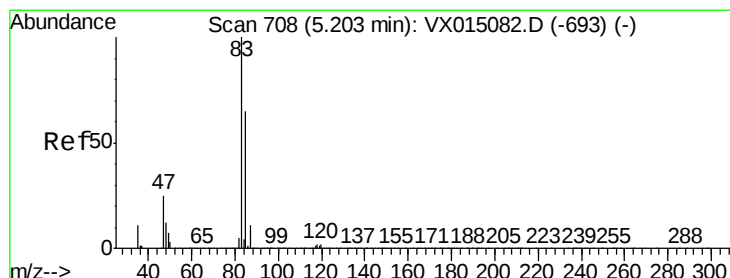
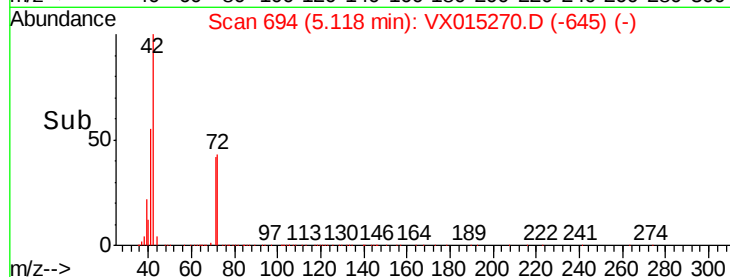
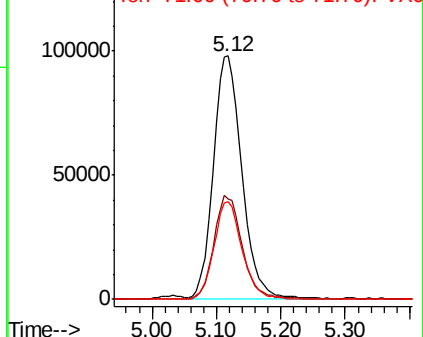
71 39.9 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.003 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX015270.D

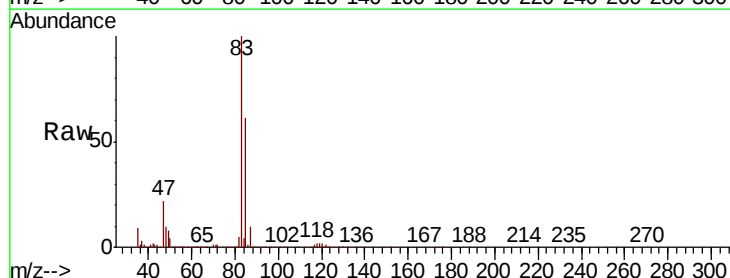
Acq: 13 Mar 2020 19:06

Tgt Ion: 83 Resp: 220139

Ion Ratio Lower Upper

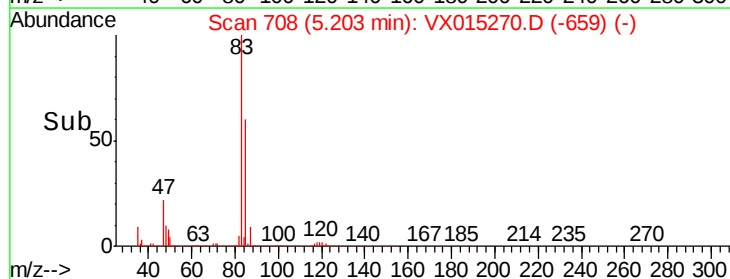
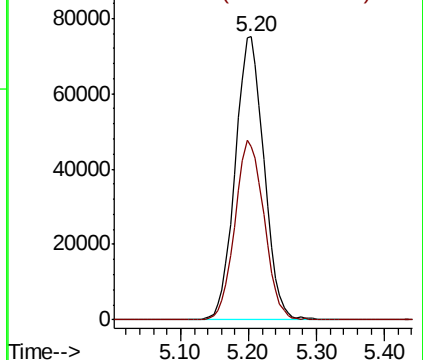
83 100

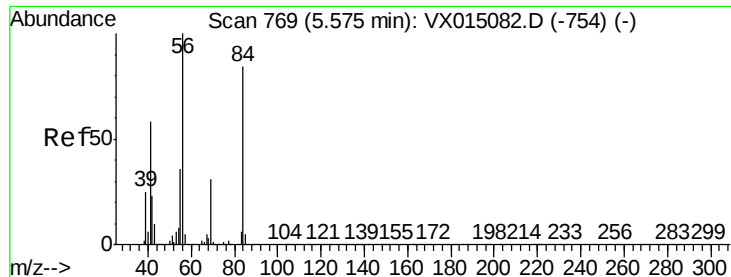
85 61.2 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

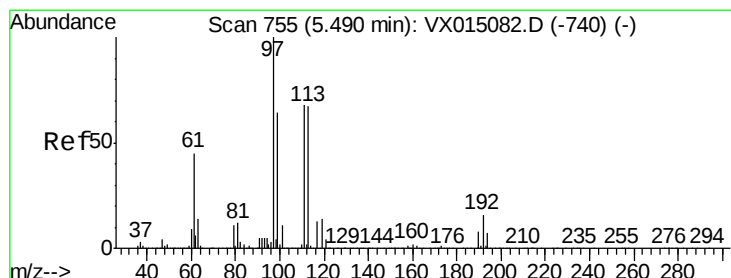
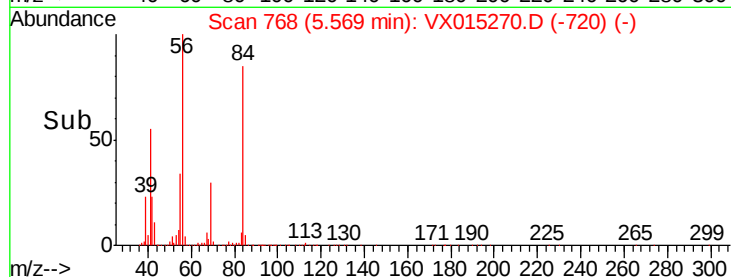
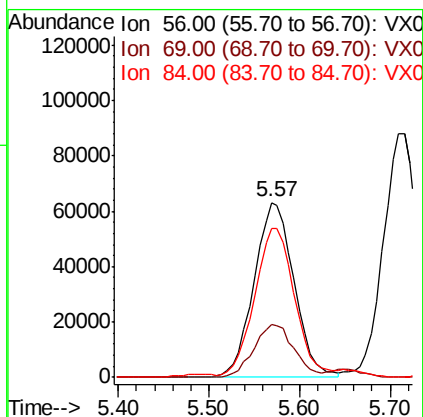
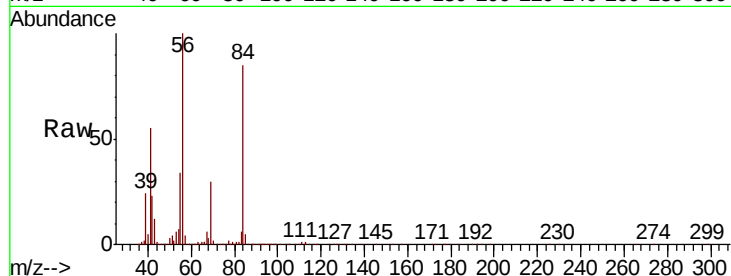




#31
Cyclohexane
Concen: 49.785 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

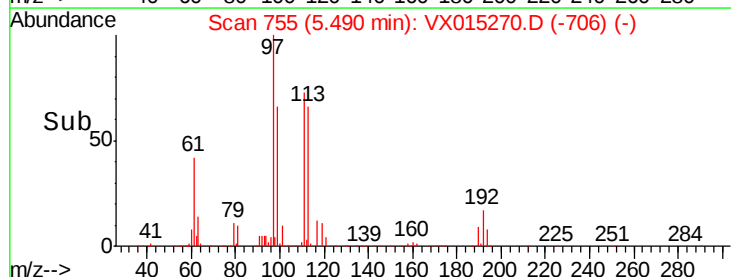
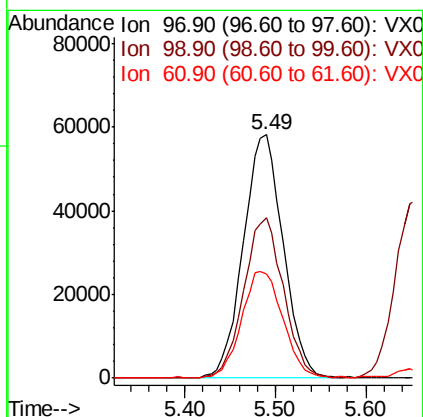
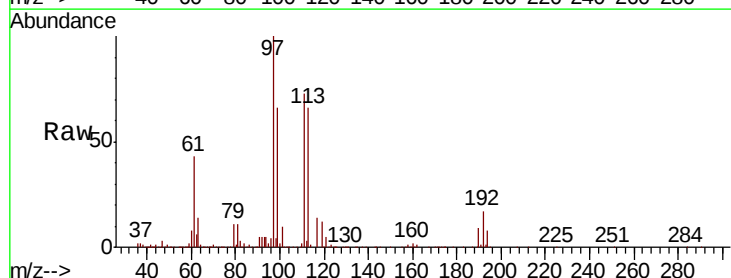
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

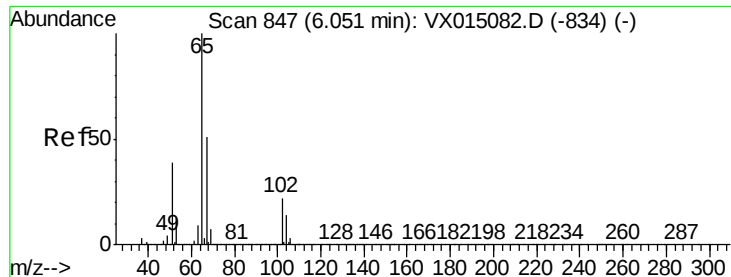
Tot Ion: 56 Resp: 192869
Ion Ratio Lower Upper
56 100
69 30.1 25.0 37.6
84 84.0 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 50.637 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion: 97 Resp: 177690
Ion Ratio Lower Upper
97 100
99 65.5 52.8 79.2
61 45.5 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 49.331 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

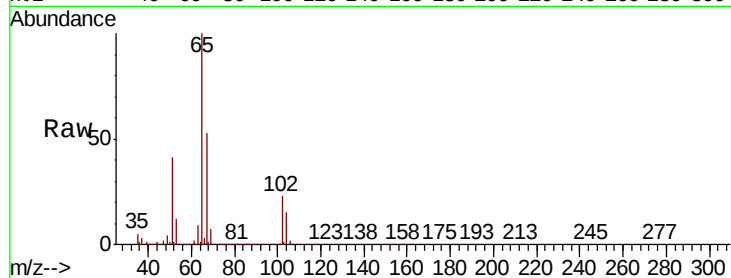
RE131D1-20200309MSD

Tot Ion: 65 Resp: 135666

Ion Ratio Lower Upper

65 100

67 54.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

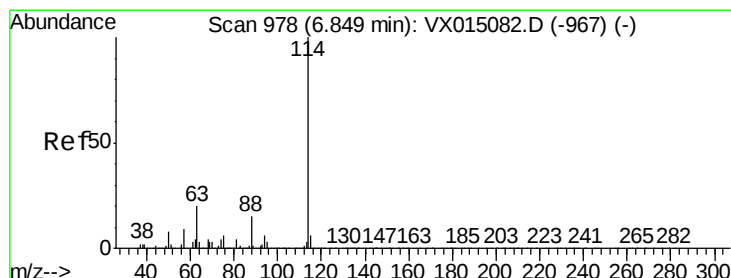
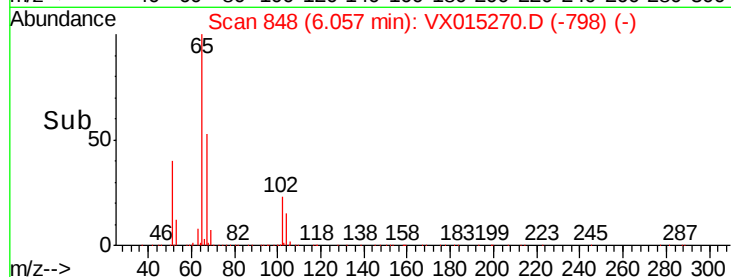
30000

20000

10000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

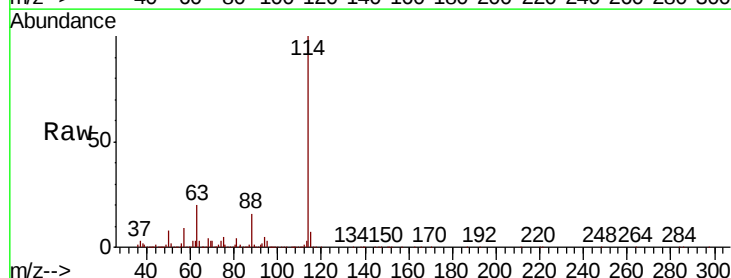
Tgt Ion: 114 Resp: 352224

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

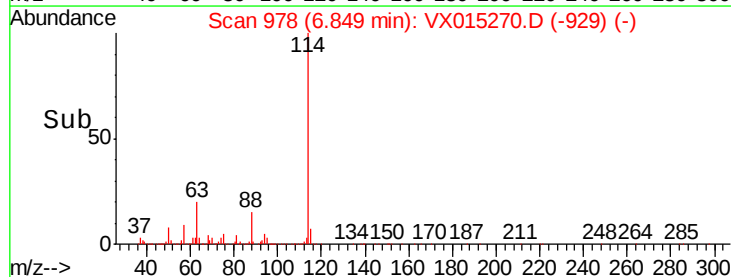
150000

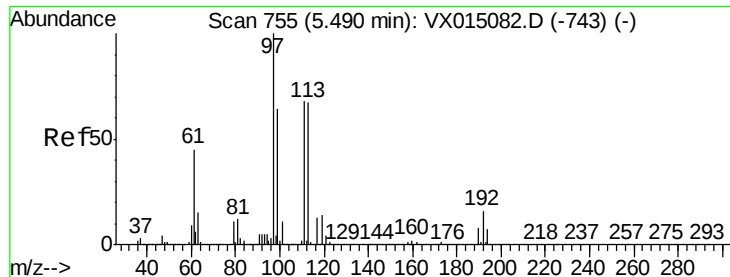
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

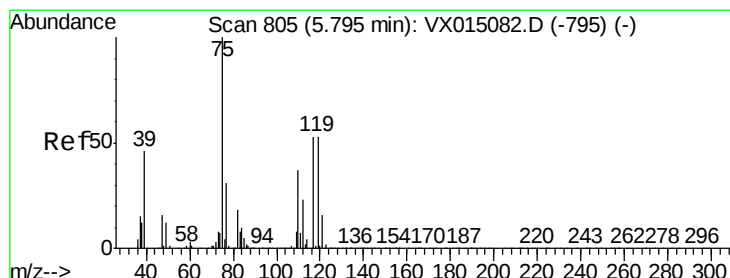
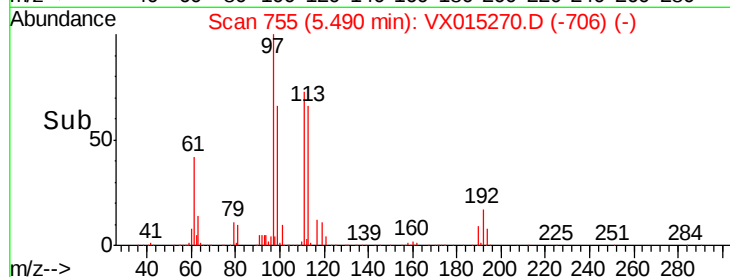
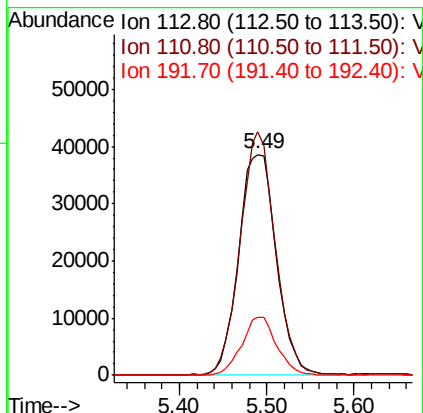
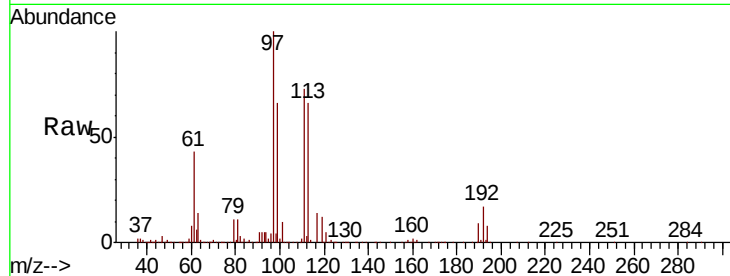




#35
Dibromofluoromethane
Concen: 52.082 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

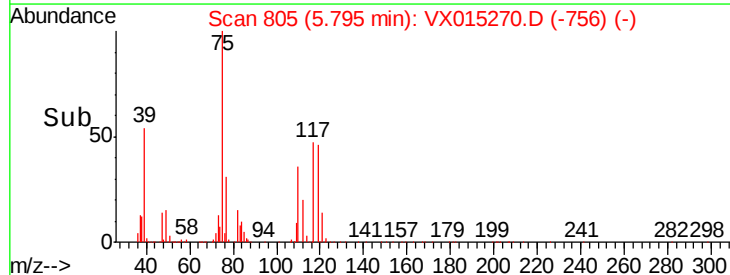
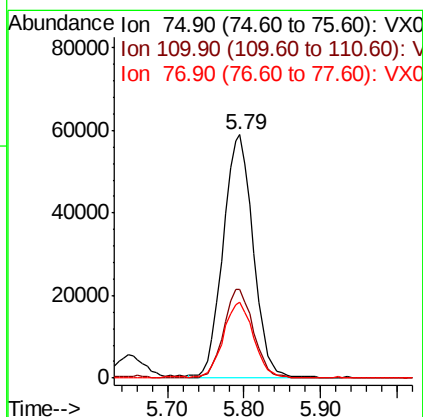
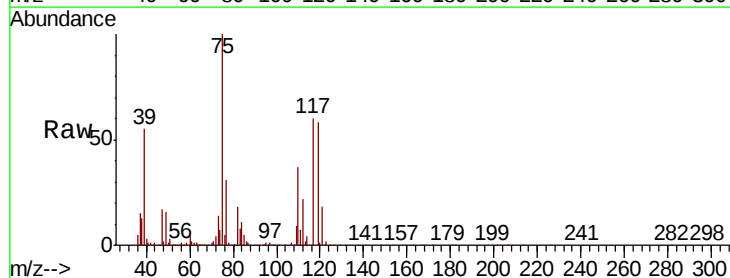
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion:113 Resp: 115729
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 24.5 18.6 28.0



#36
1,1-Dichloropropene
Concen: 48.895 ug/l
RT: 5.79 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion: 75 Resp: 159211
Ion Ratio Lower Upper
75 100
110 36.1 17.9 53.8
77 31.2 24.8 37.2

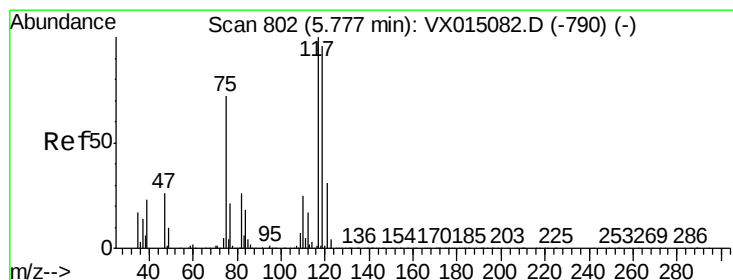
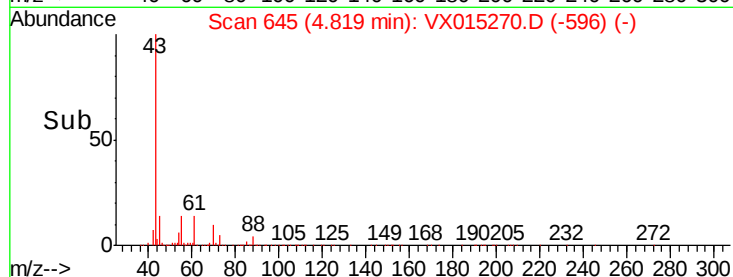
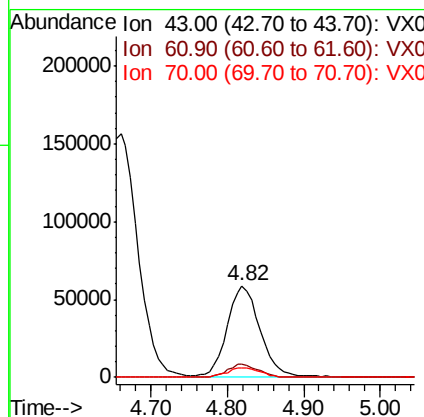
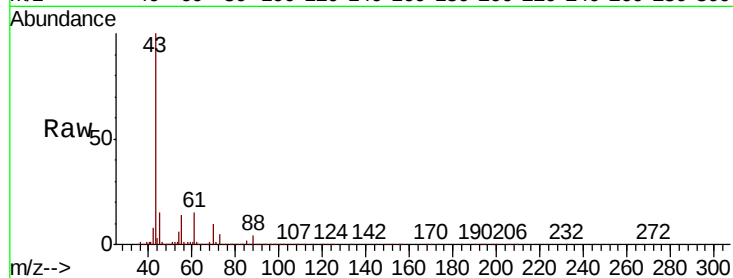




#37
Ethyl Acetate
Concen: 57.099 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

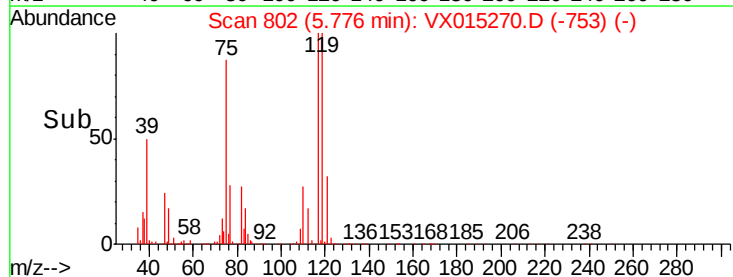
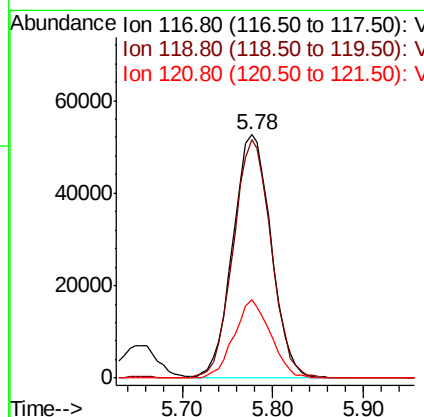
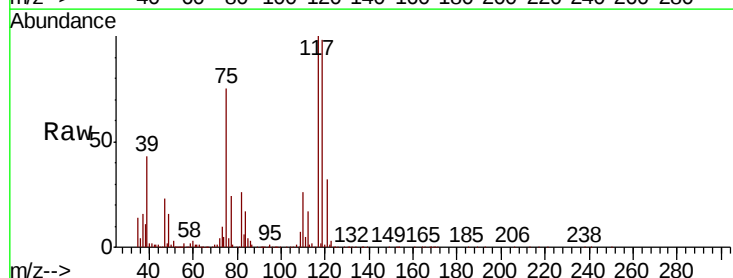
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

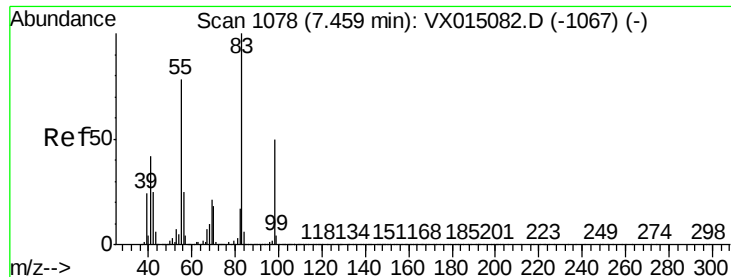
Tot Ion:	43	Resp:	172463
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.4
70	11.1	8.1	12.1



#38
Carbon Tetrachloride
Concen: 49.988 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion:	117	Resp:	153641
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.9	115.3
121	32.2	24.6	37.0

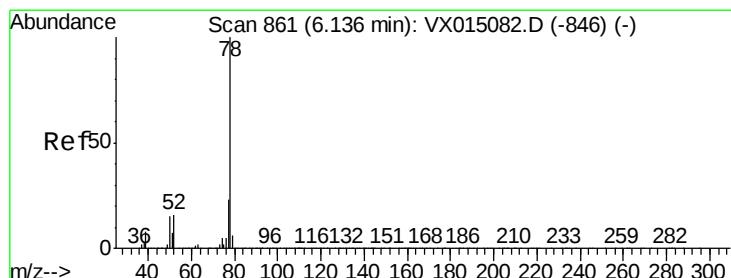
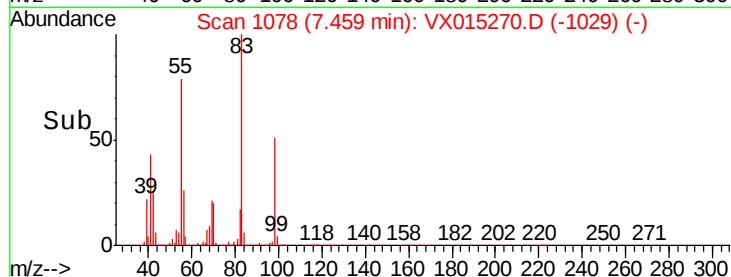
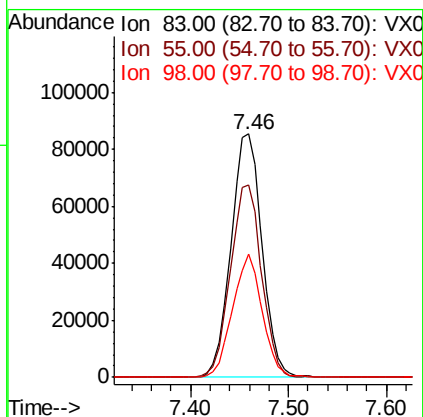
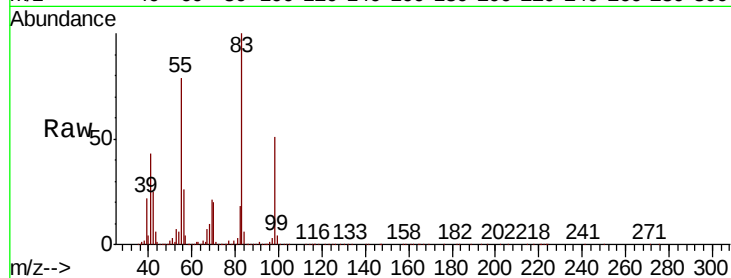




#39
Methvlcvclohexane
Concen: 49.296 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

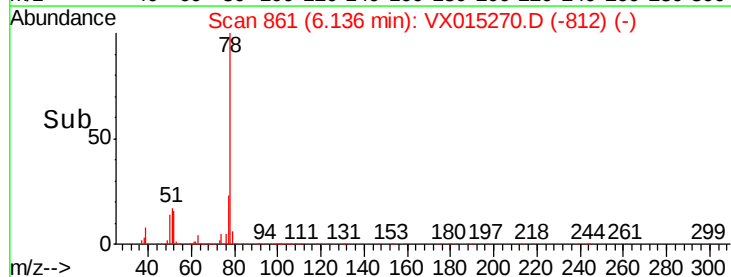
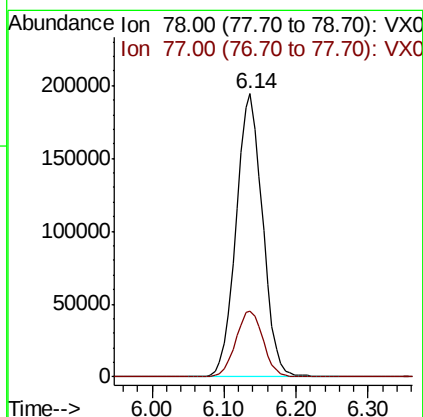
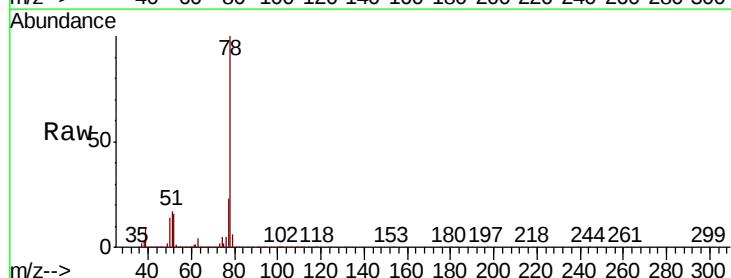
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

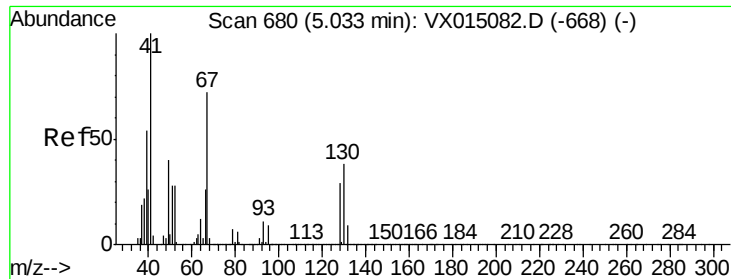
Tot Ion: 83 Resp: 187429
Ion Ratio Lower Upper
83 100
55 78.9 62.4 93.6
98 50.6 39.7 59.5



#40
Benzene
Concen: 51.391 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion: 78 Resp: 496466
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

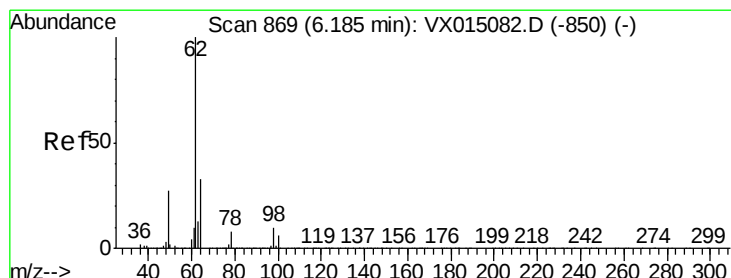
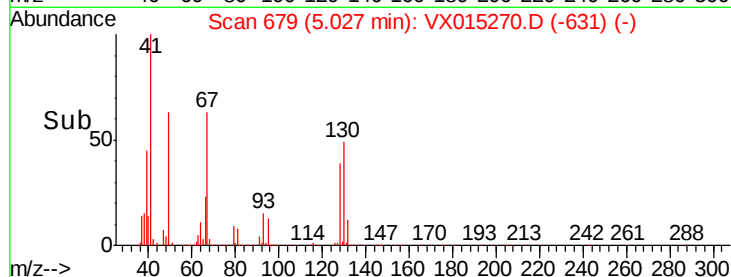
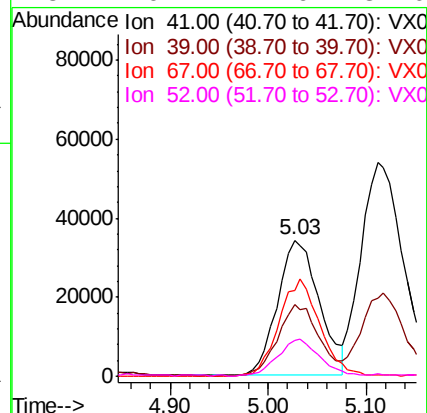
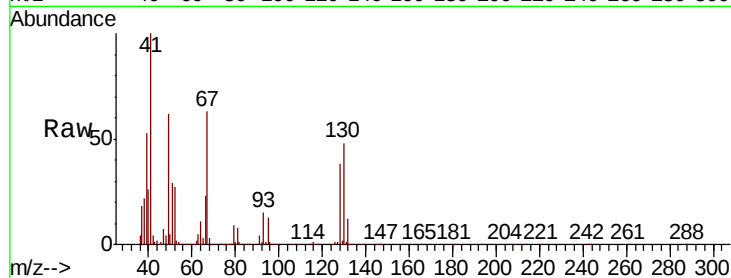




#41
Methacrylonitrile
Concen: 56.408 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

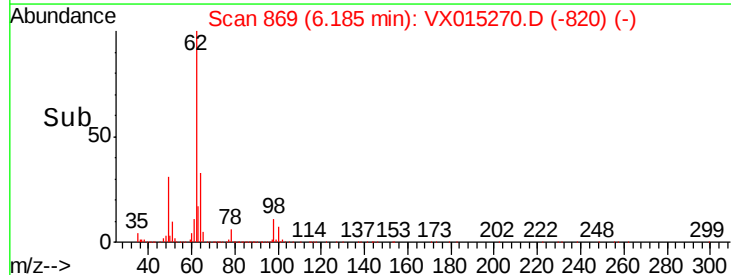
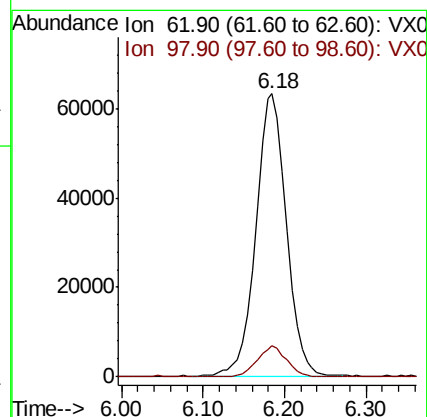
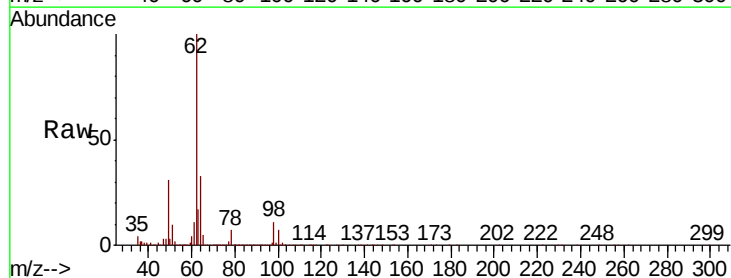
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

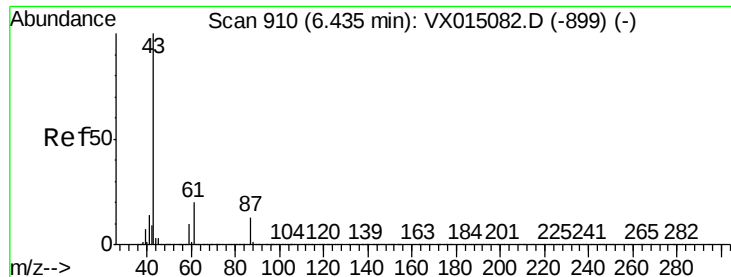
Tot Ion:	41	Resp:	102338
Ion	Ratio	Lower	Upper
41	100		
39	51.4	43.9	65.9
67	69.9	57.8	86.8
52	26.7	22.6	34.0



#42
1,2-Dichloroethane
Concen: 49.541 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion:	62	Resp:	164355
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6



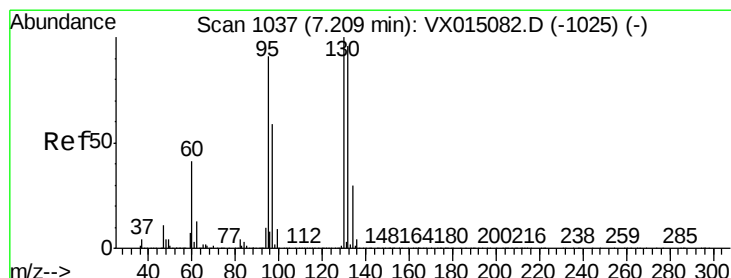
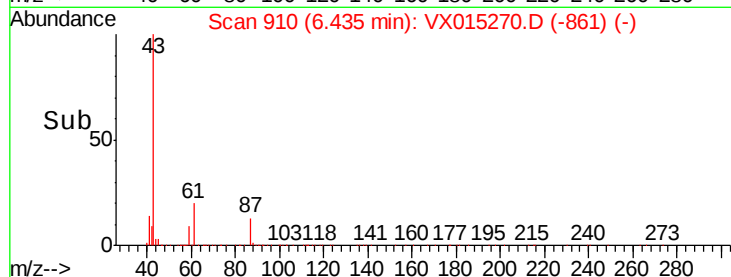
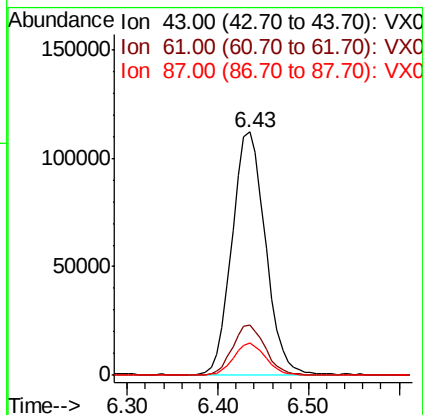
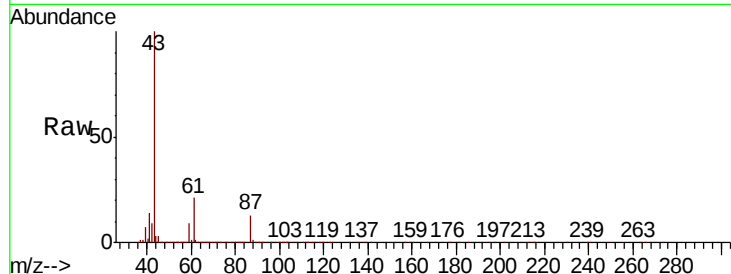


#43

Isopropyl Acetate
 Concen: 53.697 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

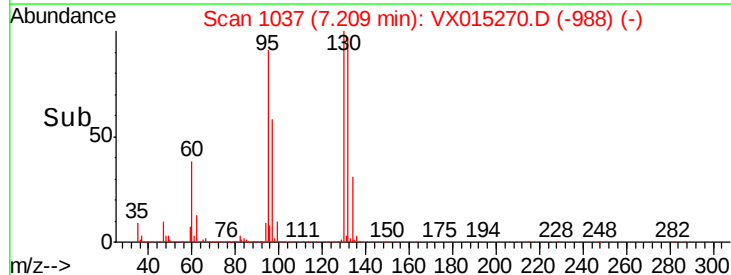
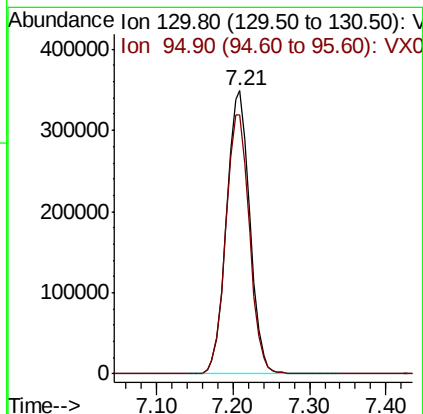
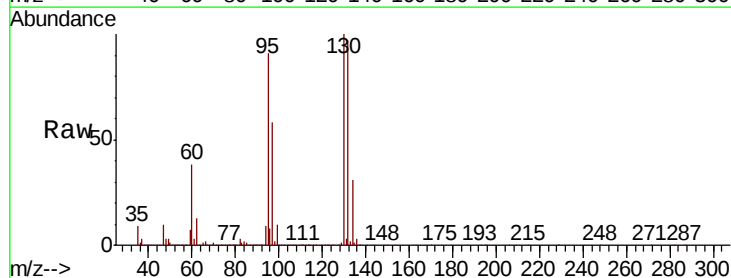
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.1	24.1
87	12.9	10.6	16.0

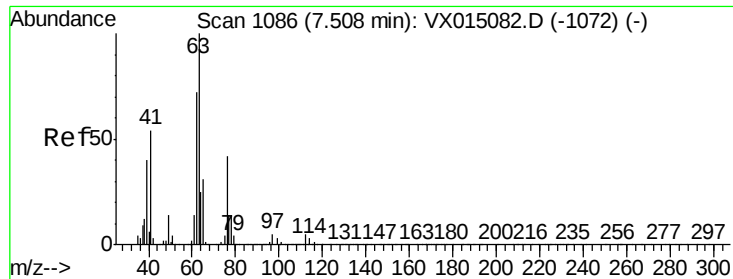


#44

Trichloroethene
 Concen: 272.885 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	181.2

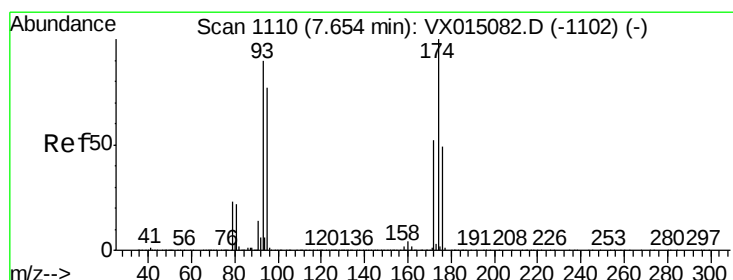
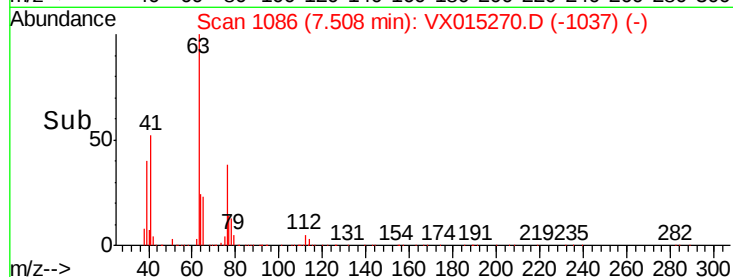
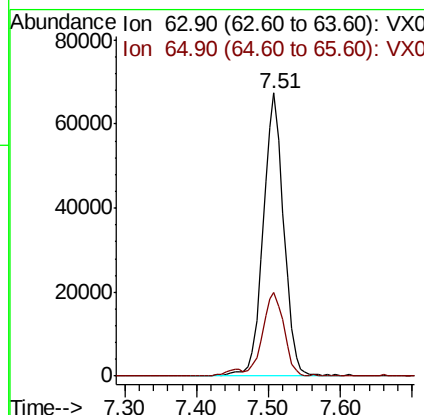
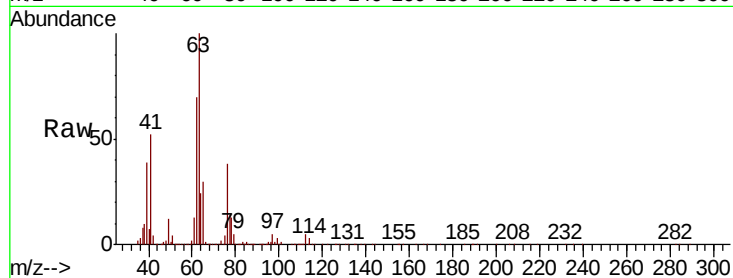




#45
 1,2-Dichloropropane
 Concen: 53.364 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

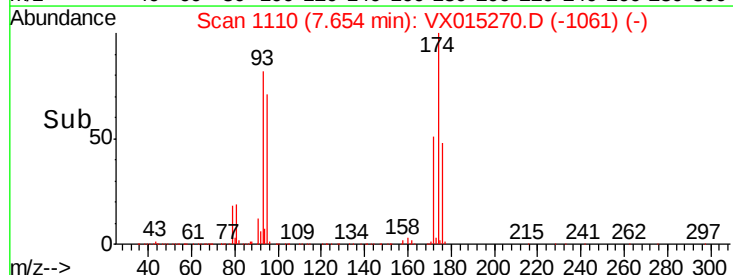
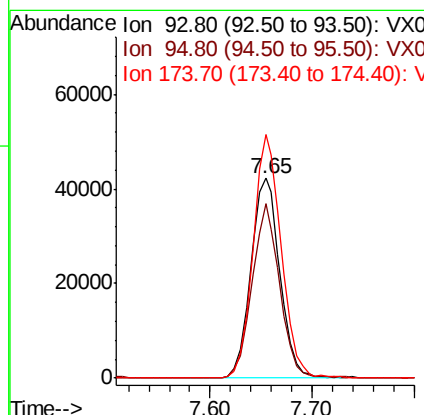
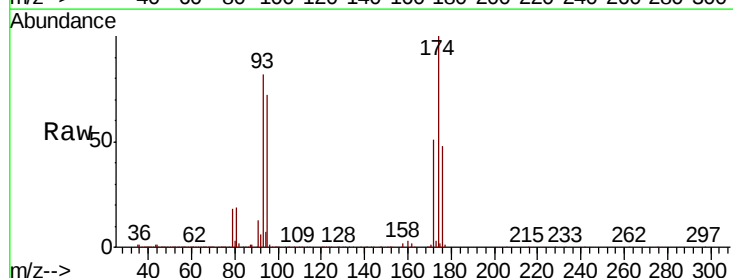
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

Tot Ion: 63 Resp: 133439
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.6 36.8



#46
 Dibromomethane
 Concen: 51.381 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Tgt Ion: 93 Resp: 83716
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.8 101.8
 174 118.3 91.0 136.4





#47

Bromodichloromethane

Concen: 51.956 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

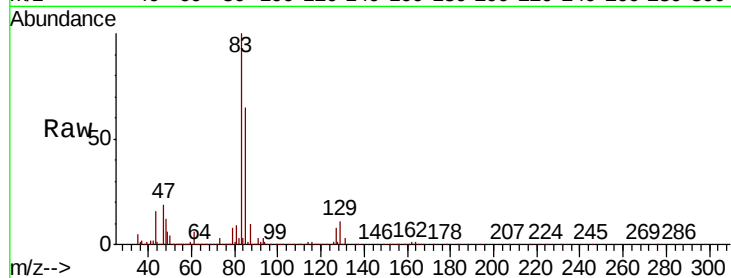
Tot Ion: 83 Resp: 167402

Ion Ratio Lower Upper

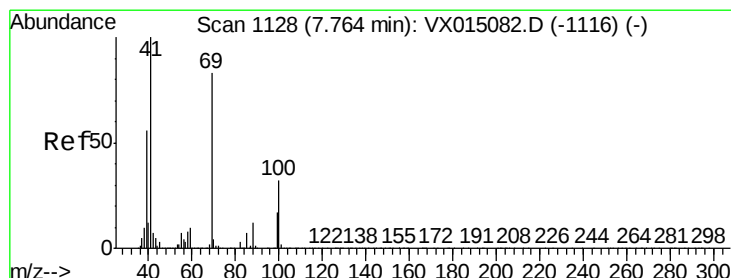
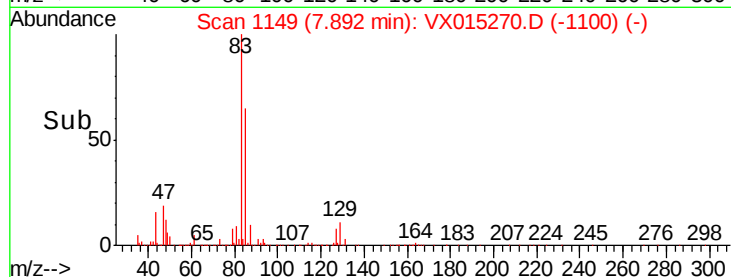
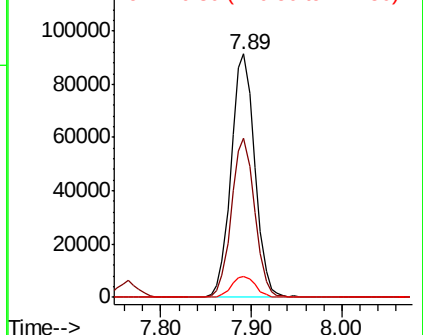
83 100

85 65.3 50.6 75.8

127 8.4 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.624 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

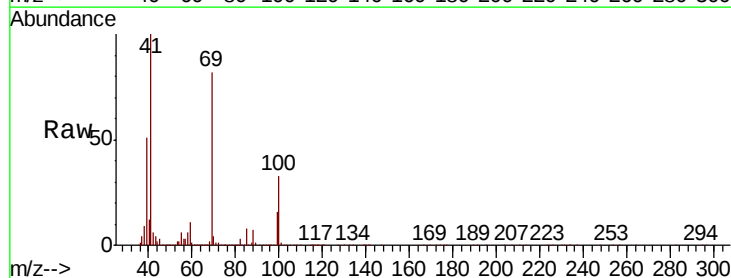
Tgt Ion: 41 Resp: 147725

Ion Ratio Lower Upper

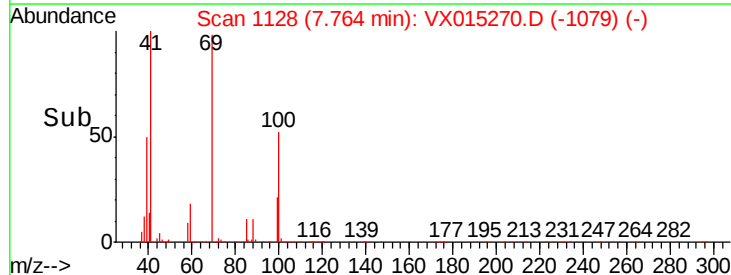
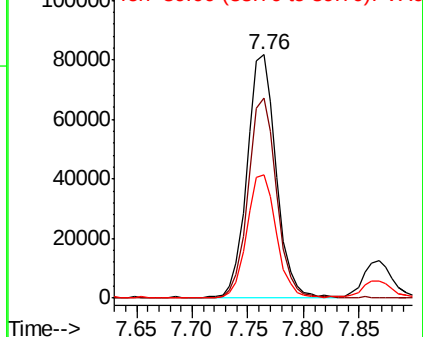
41 100

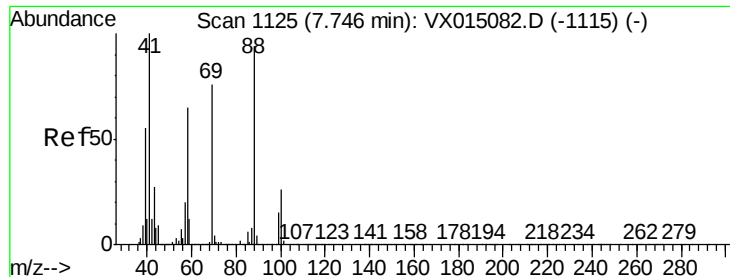
69 80.9 65.4 98.2

39 51.3 44.6 67.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

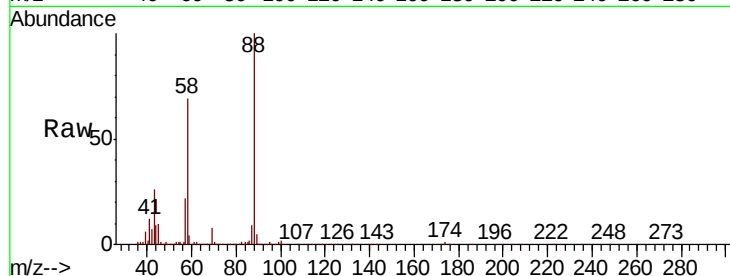




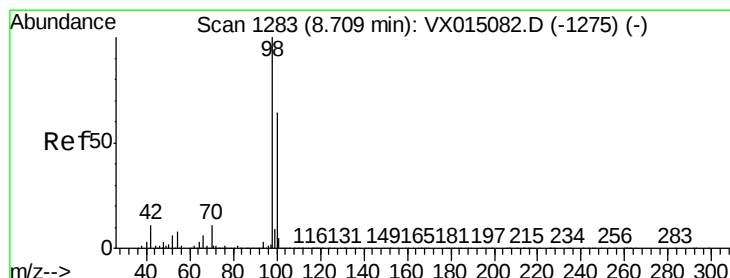
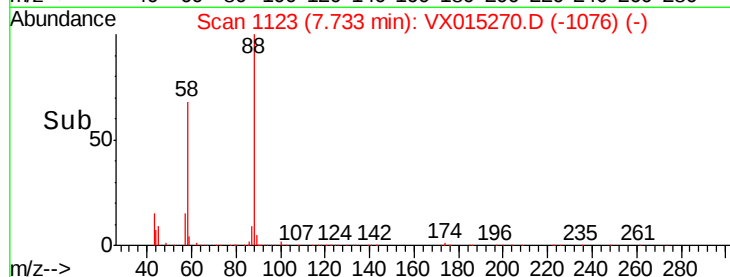
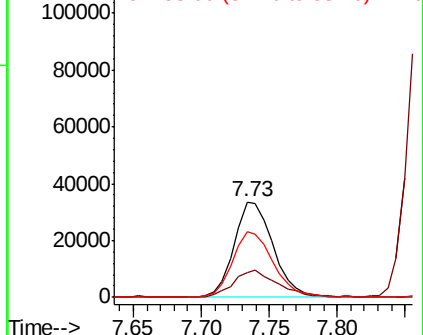
#49
1,4-Dioxane
Concen: 1137.791 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion: 88 Resp: 66529
Ion Ratio Lower Upper
88 100
43 31.8 27.0 40.4
58 72.7 55.6 83.4

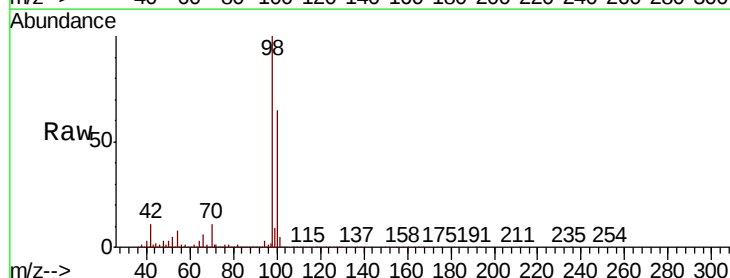


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

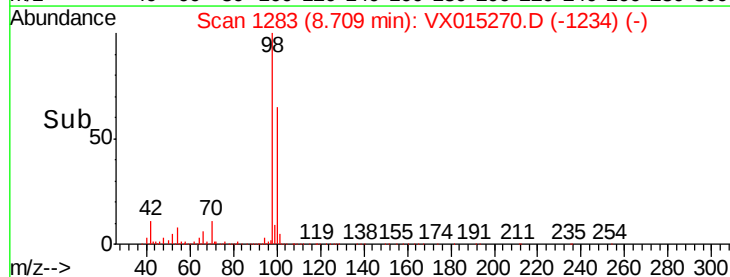
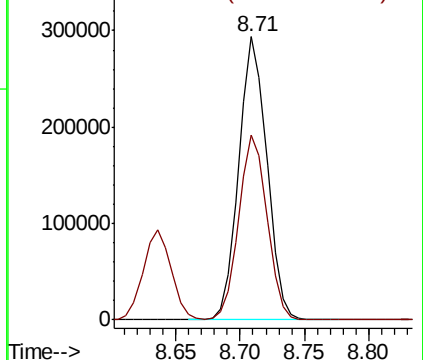


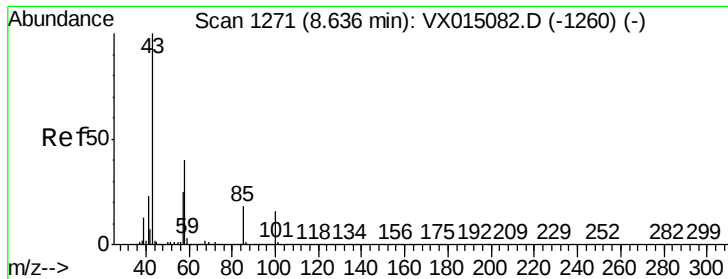
#50
Toluene-d8
Concen: 52.448 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion: 98 Resp: 443310
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

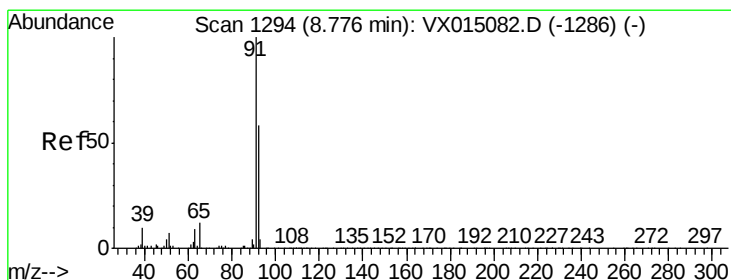
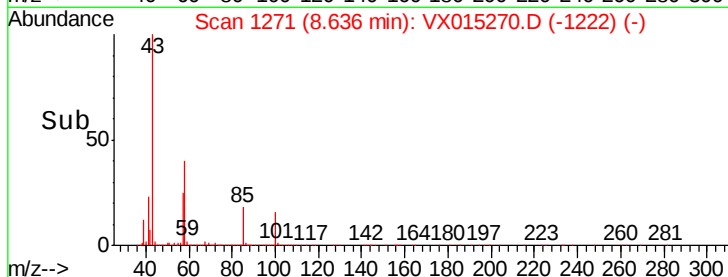
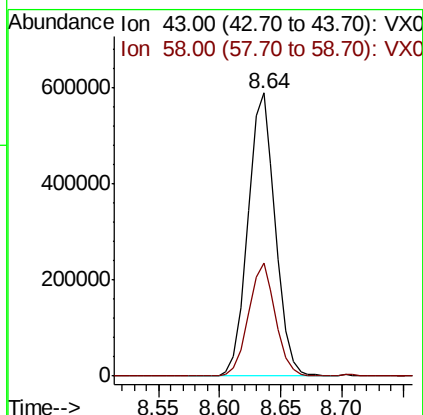
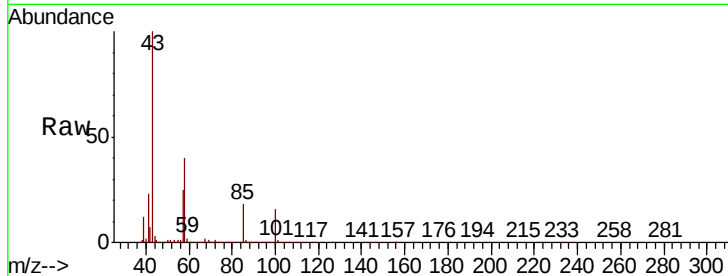




#51
4-Methyl-2-Pentanone
Concen: 290.593 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

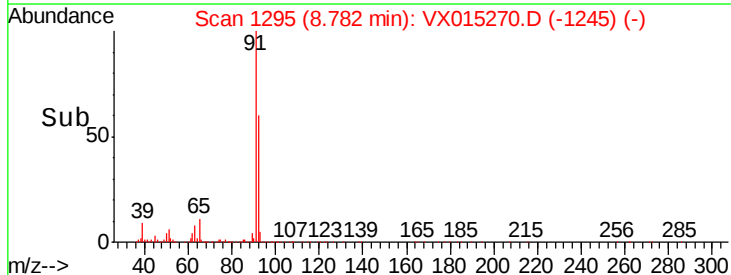
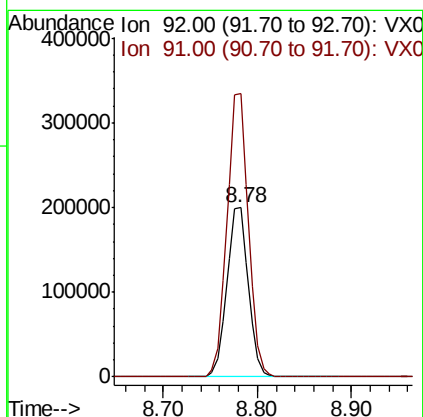
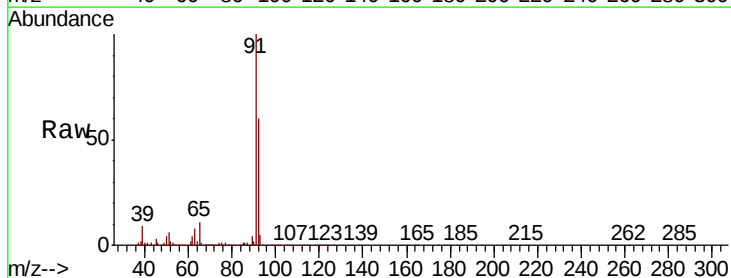
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

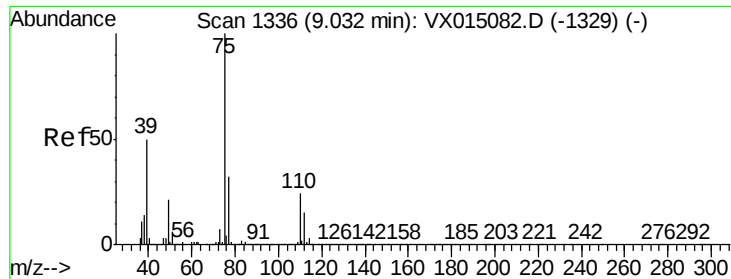
Tot Ion: 43 Resp: 912946
Ion Ratio Lower Upper
43 100
58 39.4 31.6 47.4



#52
Toluene
Concen: 53.355 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion: 92 Resp: 315157
Ion Ratio Lower Upper
92 100
91 167.2 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 52.195 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

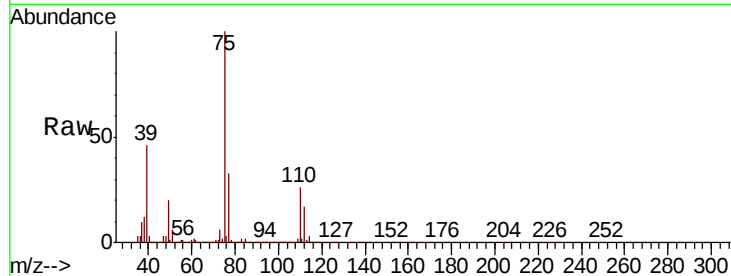
RE131D1-20200309MSD

Tot Ion: 75 Resp: 179001

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

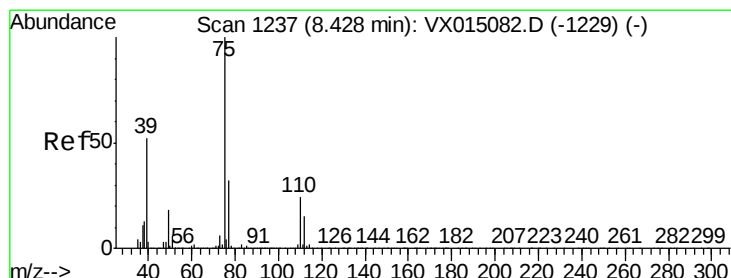
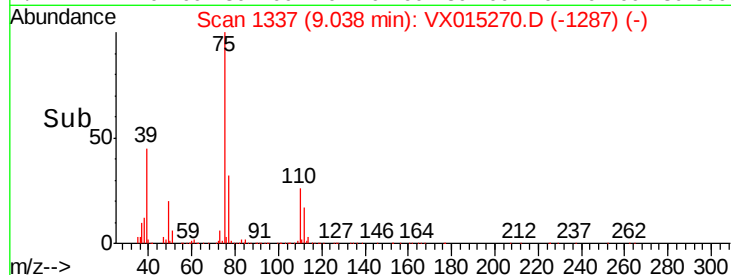
9.04

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.817 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

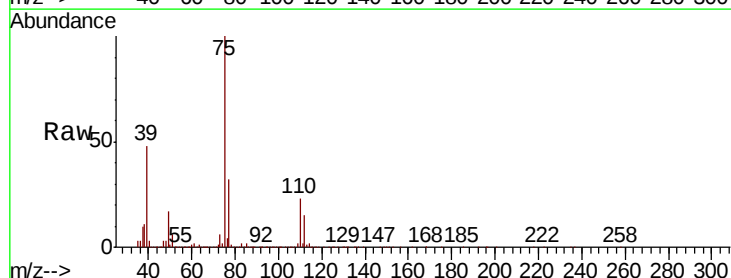
Tgt Ion: 75 Resp: 200895

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.6

39 47.4 41.3 61.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

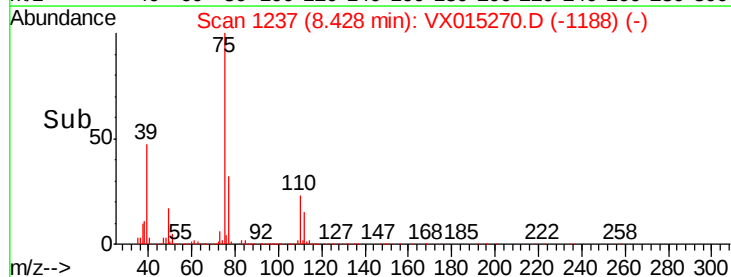
150000

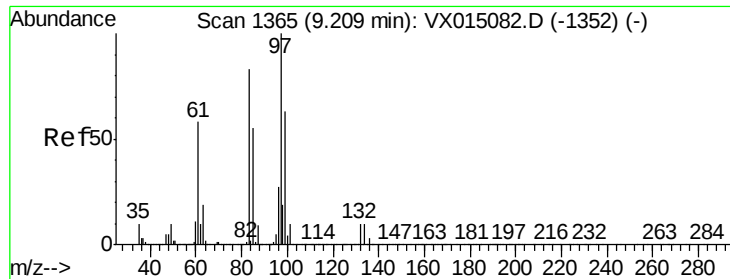
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.580 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

Tot Ion: 97 Resp: 127833

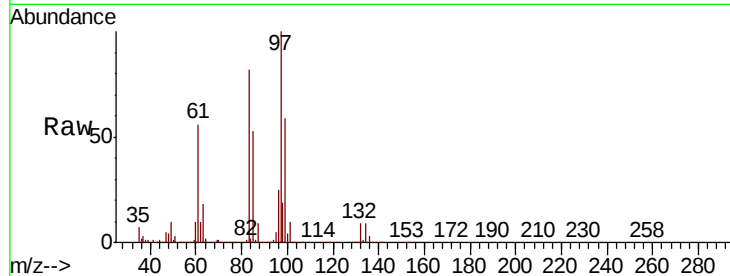
Ion Ratio Lower Upper

97 100

83 82.2 66.4 99.6

85 53.3 43.5 65.3

99 59.0 50.7 76.1

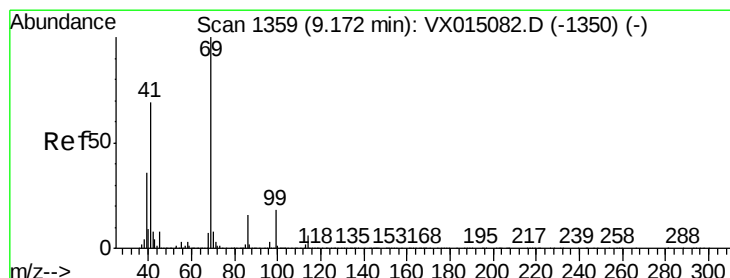
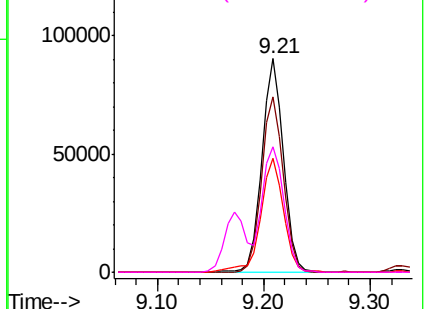
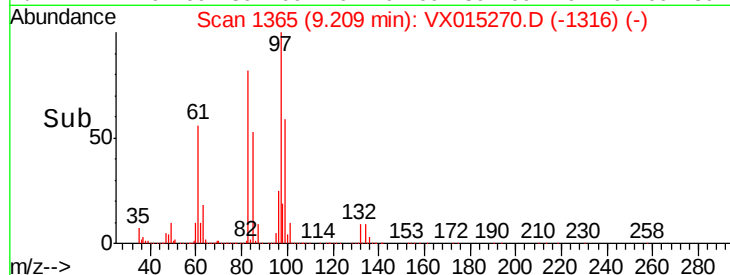


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 56.817 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

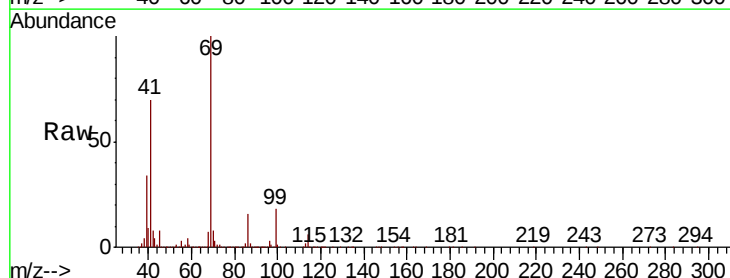
Tgt Ion: 69 Resp: 197031

Ion Ratio Lower Upper

69 100

41 69.0 55.8 83.8

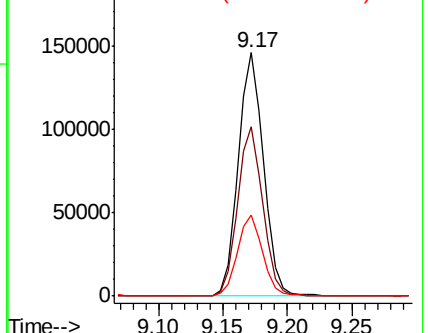
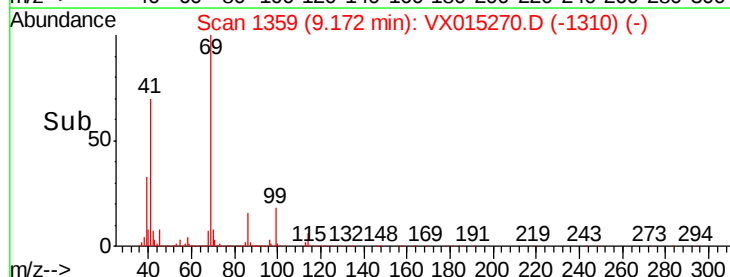
39 33.5 29.4 44.2

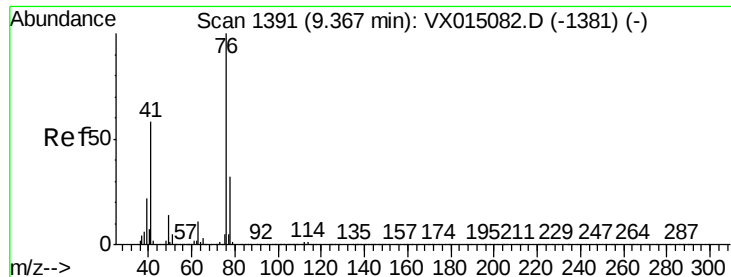


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.814 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

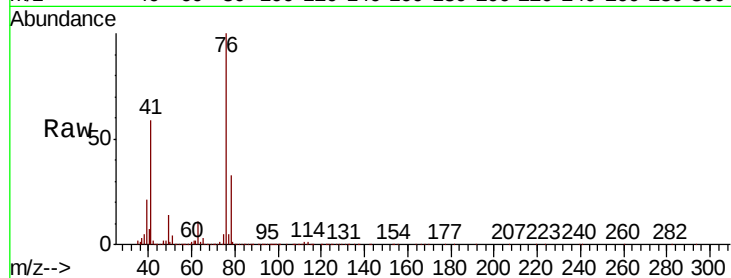
RE131D1-20200309MSD

Tot Ion: 76 Resp: 211930

Ion Ratio Lower Upper

76 100

78 33.1 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

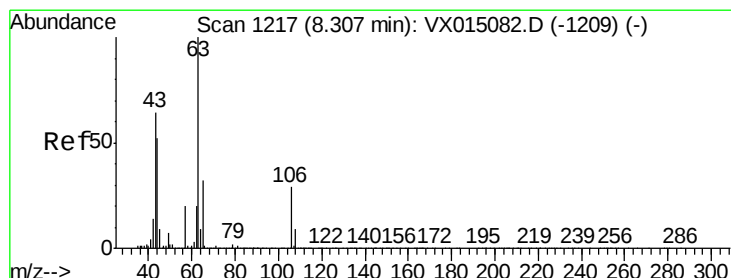
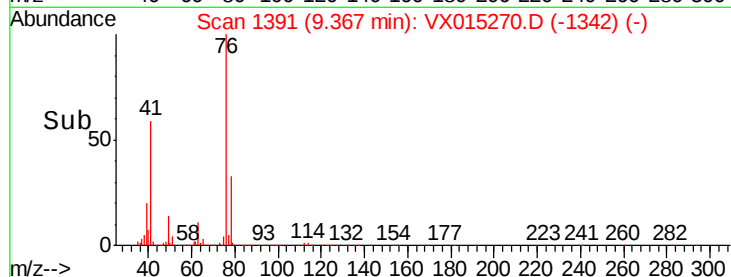
100000

50000

0

Time-->

9.20 9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 0.371 ug/l

RT: 8.32 min Scan# 1219

Delta R.T. 0.01 min

Lab File: VX015270.D

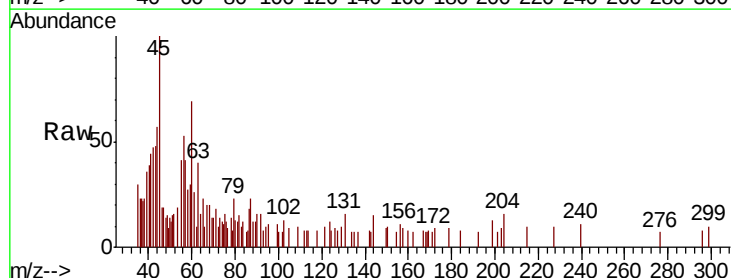
Acq: 13 Mar 2020 19:06

Tgt Ion: 63 Resp: 701

Ion Ratio Lower Upper

63 100

106 24.5 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

600

500

400

300

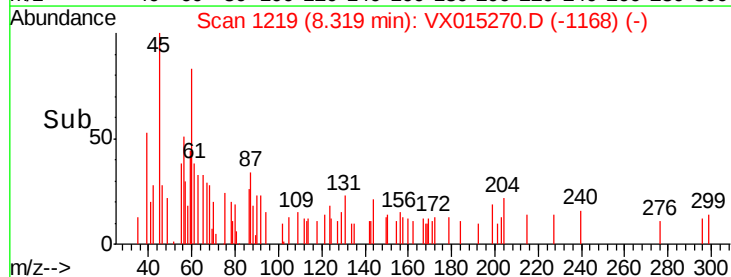
200

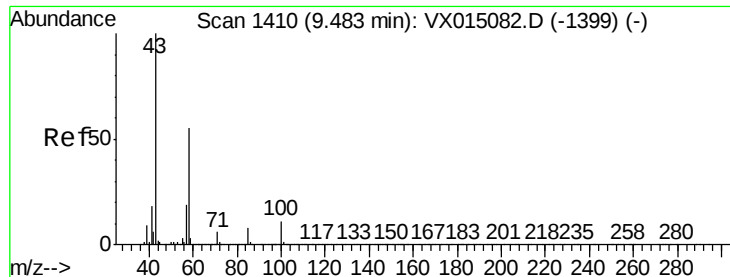
100

0

Time-->

8.25 8.30 8.35 8.40





#59

2-Hexanone

Concen: 293.291 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

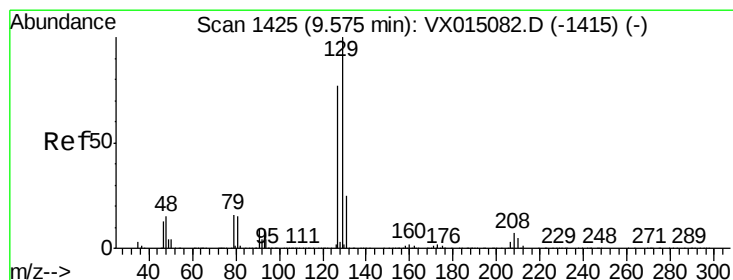
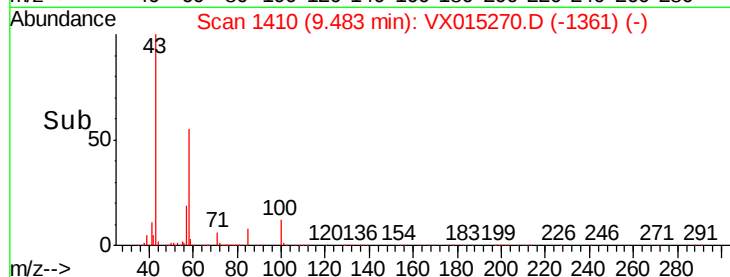
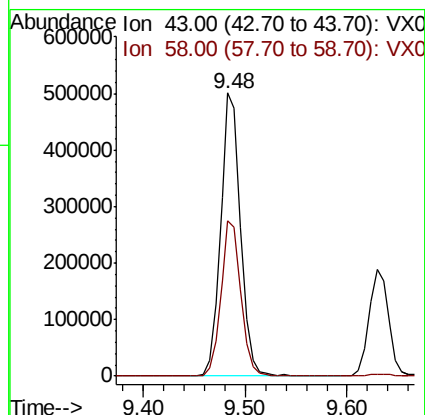
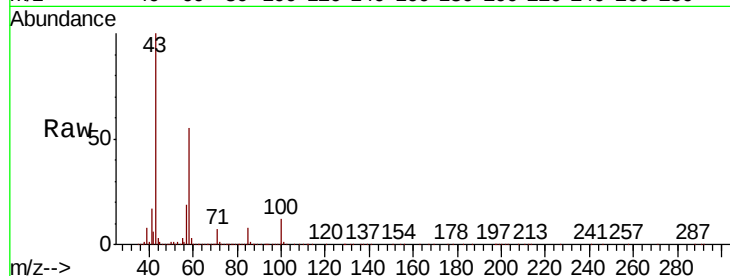
RE131D1-20200309MSD

Tot Ion: 43 Resp: 682944

Ion Ratio Lower Upper

43 100

58 54.8 27.3 81.8



#60

Dibromochloromethane

Concen: 52.825 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015270.D

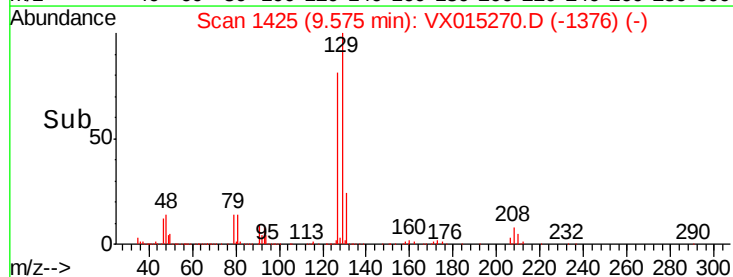
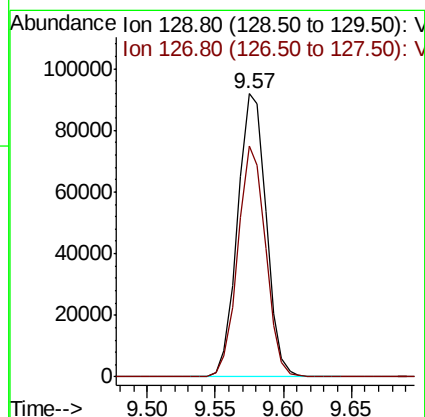
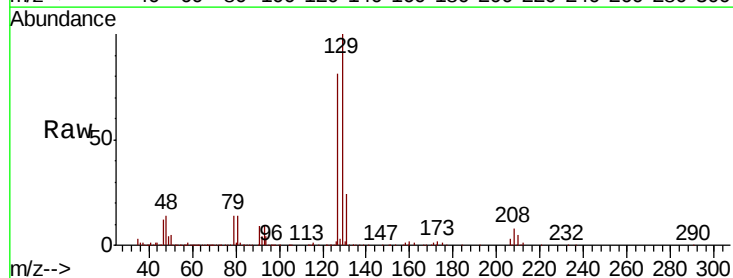
Acq: 13 Mar 2020 19:06

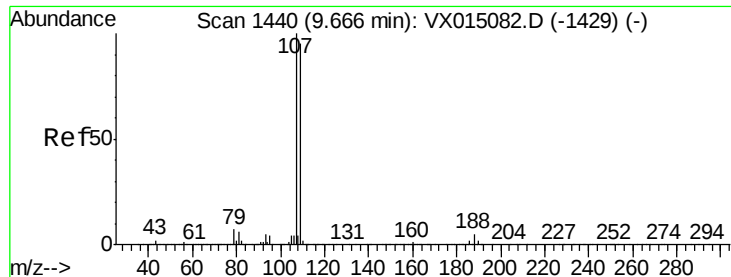
Tgt Ion: 129 Resp: 134911

Ion Ratio Lower Upper

129 100

127 79.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 51.096 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

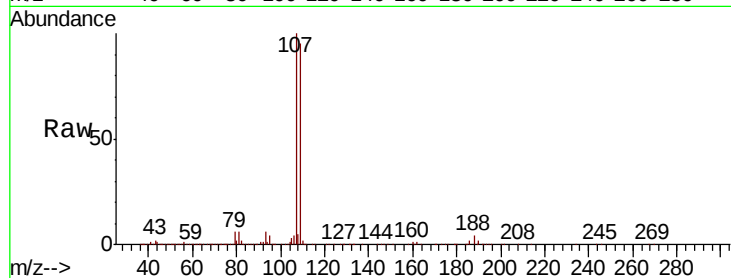
RE131D1-20200309MSD

Tot Ion:107 Resp: 130480

Ion Ratio Lower Upper

107 100

109 95.1 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

60000

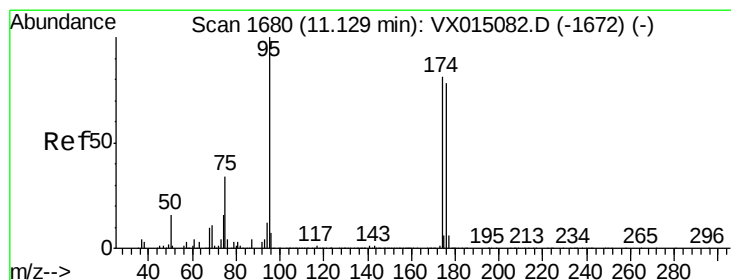
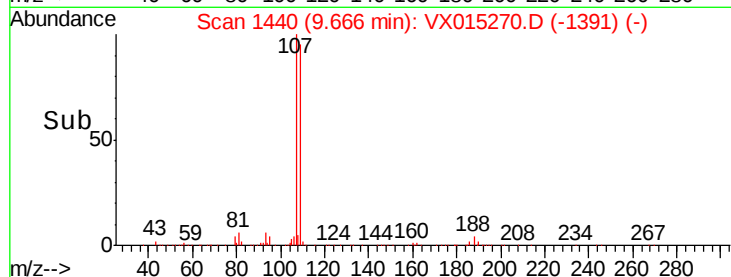
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 54.938 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

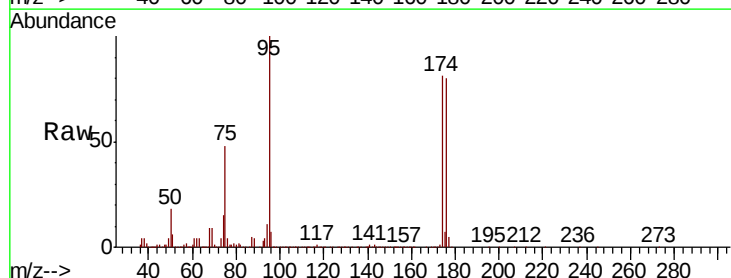
Tgt Ion: 95 Resp: 165632

Ion Ratio Lower Upper

95 100

174 89.4 0.0 177.6

176 86.8 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

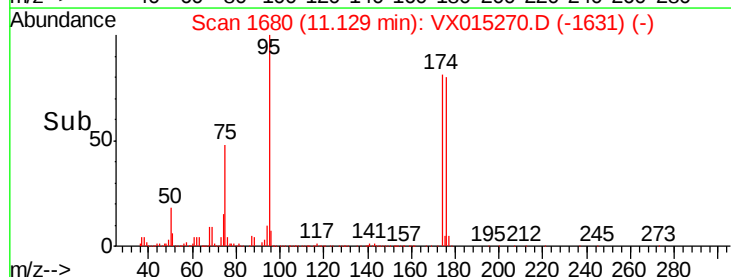
100000

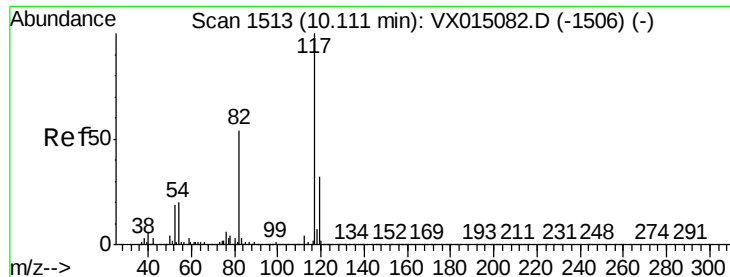
50000

0

11.05 11.10 11.15 11.20

Time-->

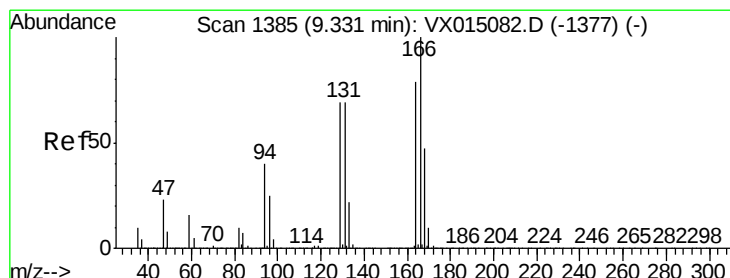
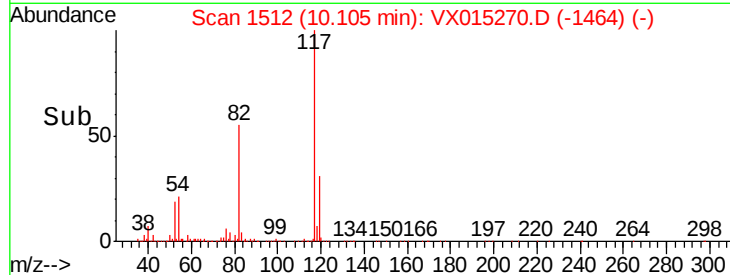
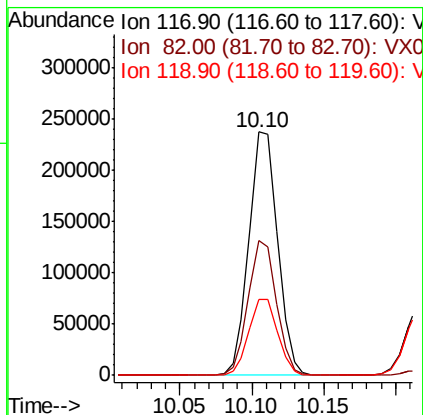
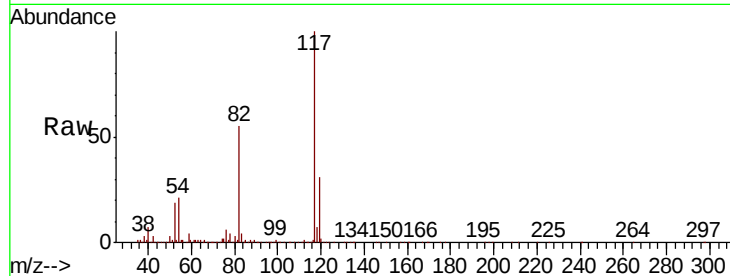




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

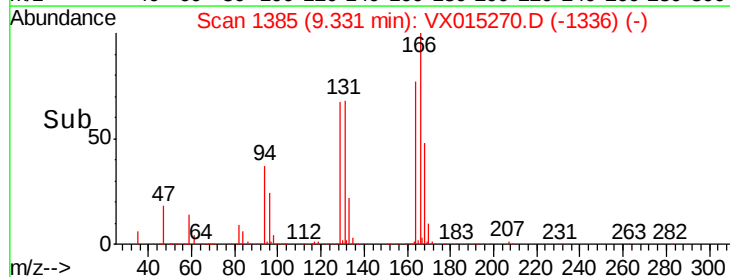
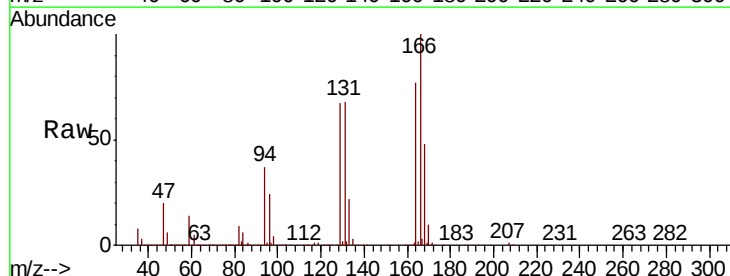
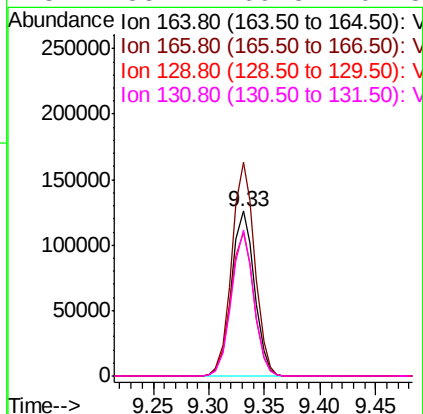
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.3	64.9
119	31.4	25.8	38.8



#64
Tetrachloroethene
Concen: 66.737 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	101.1	151.7
129	87.1	69.4	104.0
131	88.2	69.8	104.8

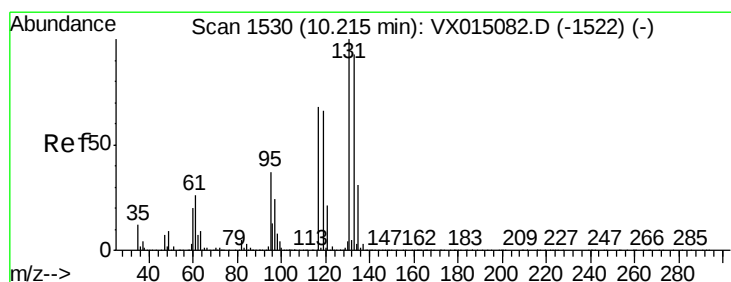
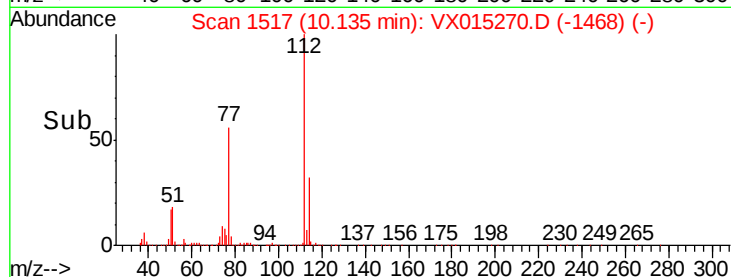
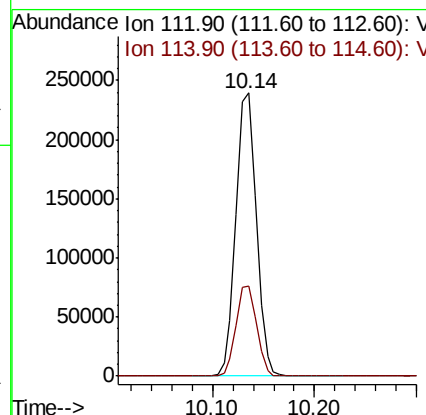
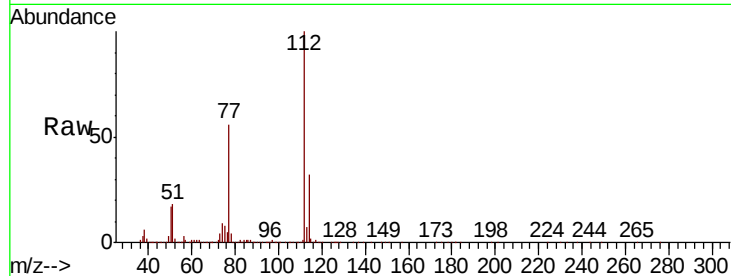




#65
Chlorobenzene
Concen: 50.378 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

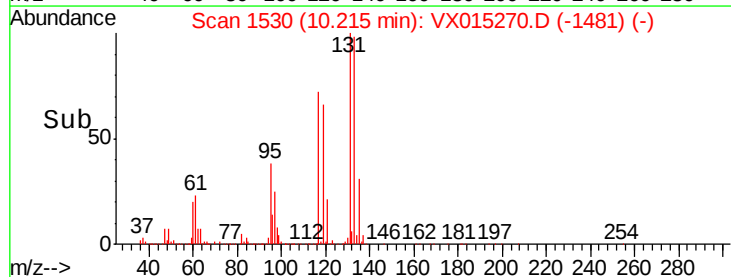
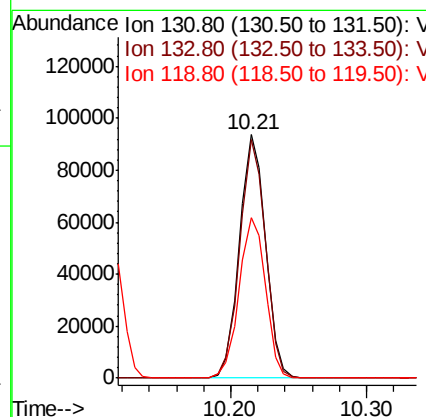
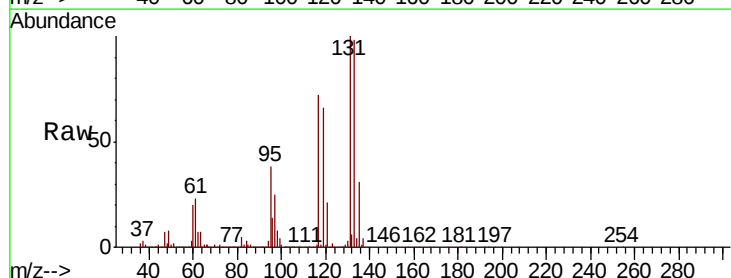
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

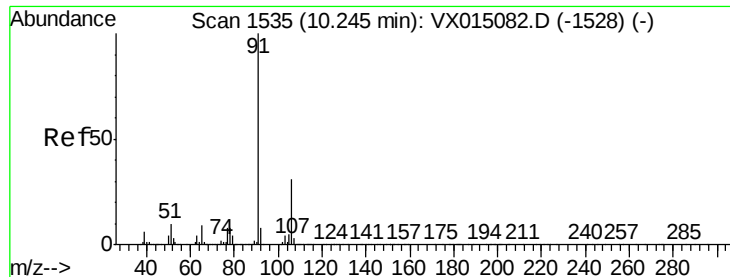
Tot Ion:112 Resp: 331228
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.527 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion:131 Resp: 125266
Ion Ratio Lower Upper
131 100
133 96.8 47.5 142.5
119 66.9 33.4 100.1





#67

Ethyl Benzene

Concen: 52.316 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

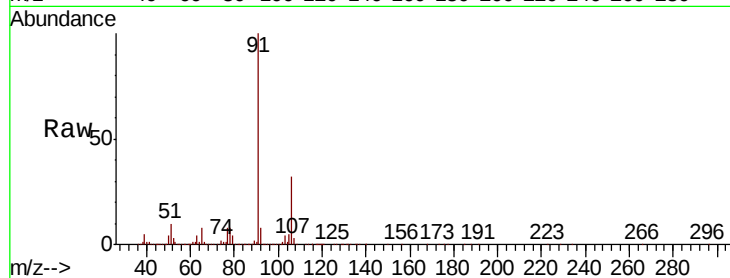
RE131D1-20200309MSD

Tot Ion: 91 Resp: 584097

Ion Ratio Lower Upper

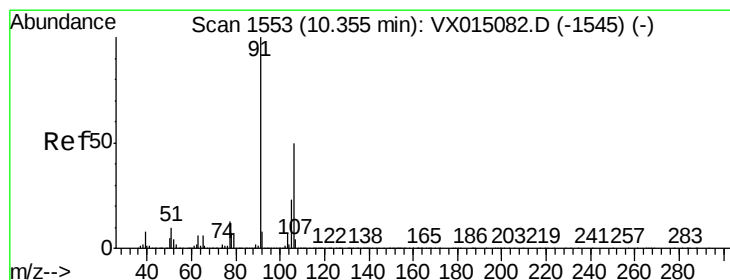
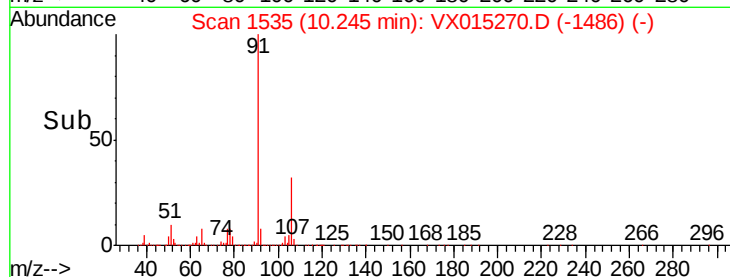
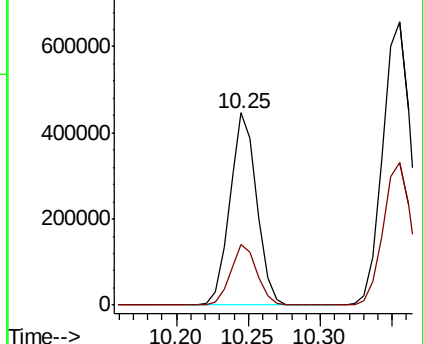
91 100

106 31.7 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 105.625 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015270.D

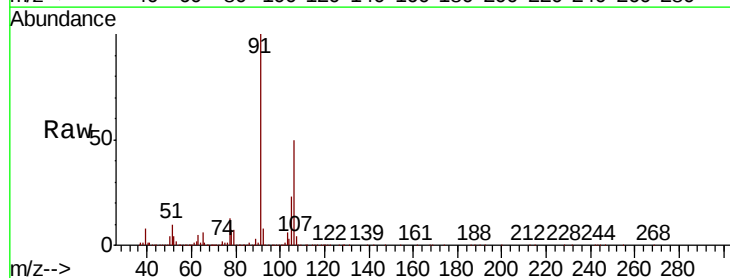
Acq: 13 Mar 2020 19:06

Tgt Ion: 106 Resp: 448673

Ion Ratio Lower Upper

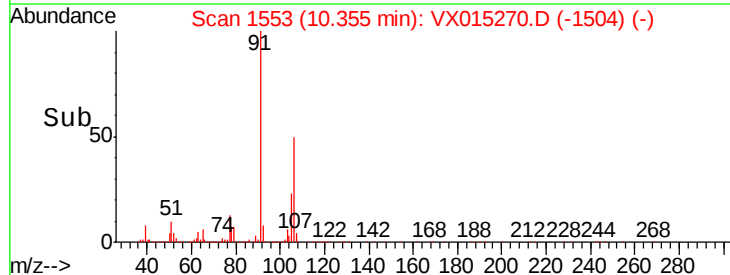
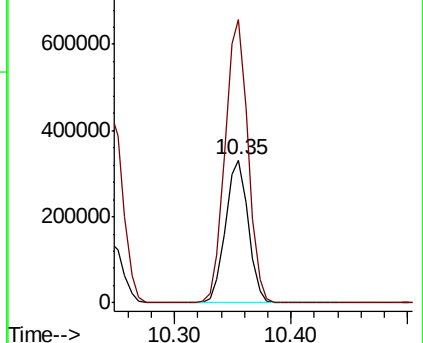
106 100

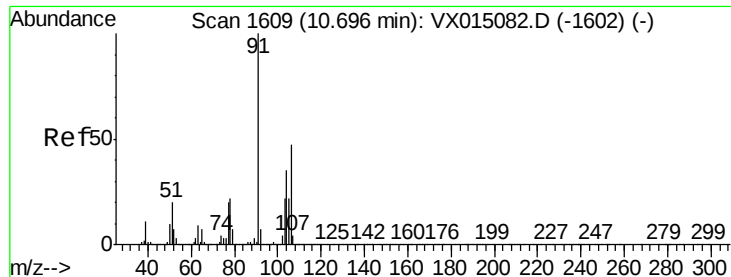
91 199.7 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

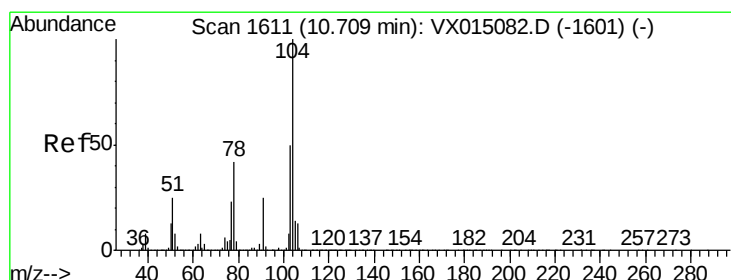
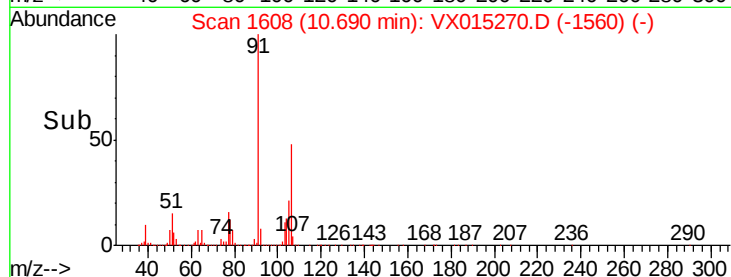
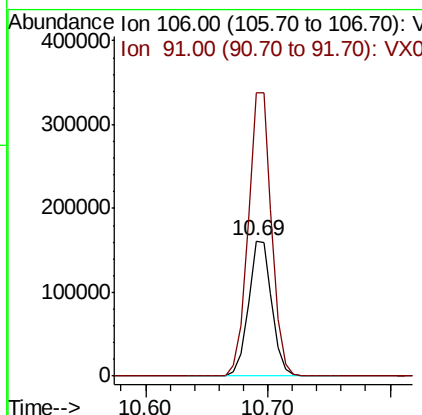
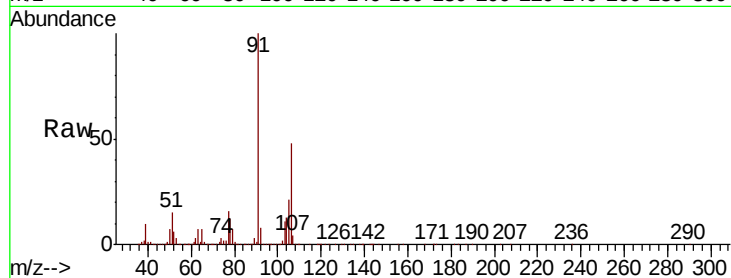




#69
o-Xylene
Concen: 52.542 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

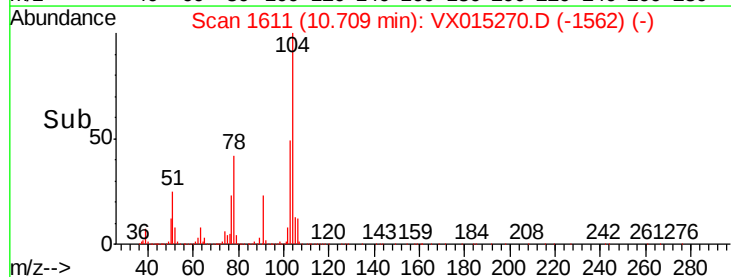
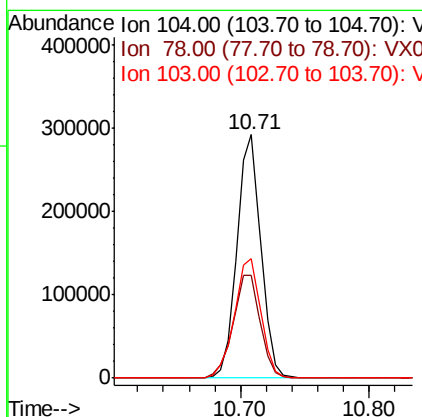
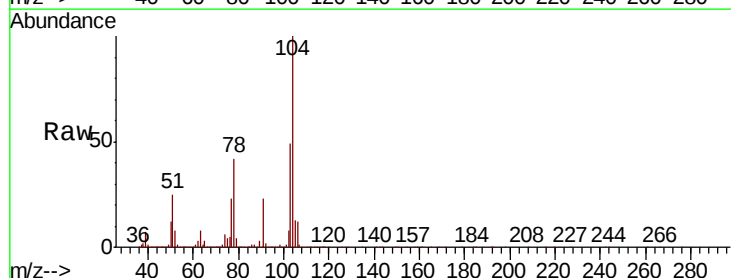
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

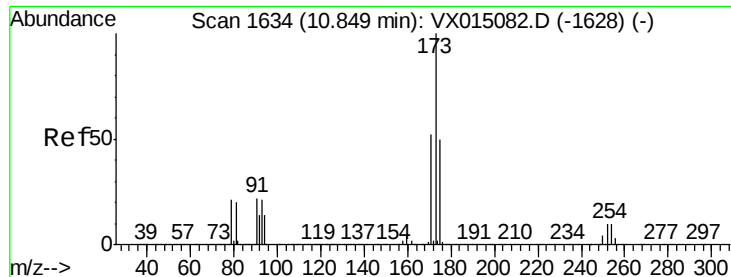
Tot Ion:106 Resp: 213685
Ion Ratio Lower Upper
106 100
91 209.5 105.4 316.1



#70
Styrene
Concen: 54.355 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion:104 Resp: 379030
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.4
103 54.3 43.7 65.5

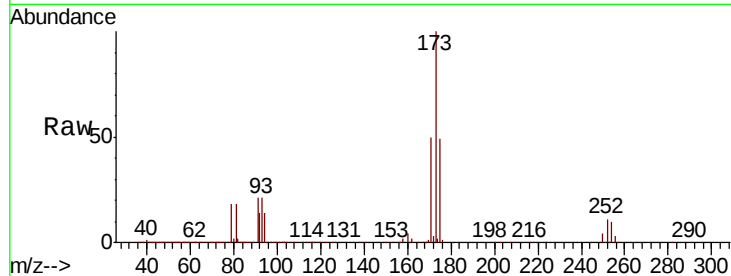




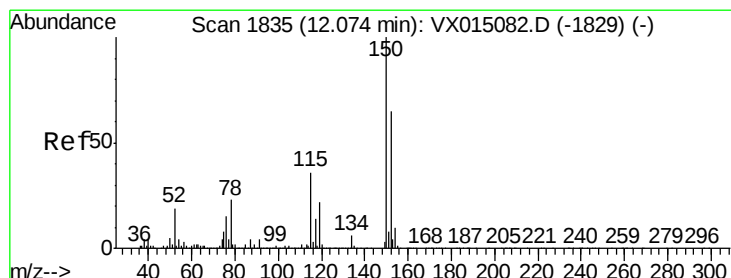
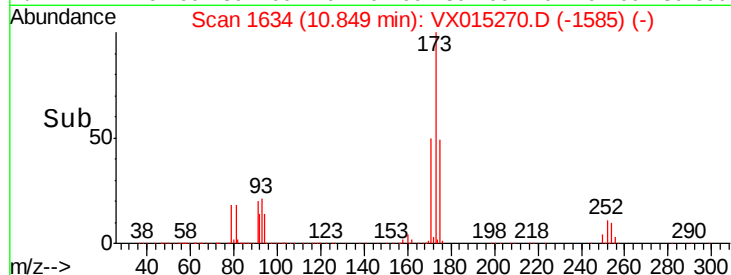
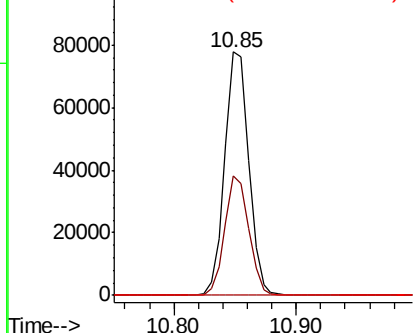
#71
Bromoform
Concen: 55.156 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion:173 Resp: 106038
Ion Ratio Lower Upper
173 100
175 49.1 24.9 74.7
254 0.3 0.2 0.2#

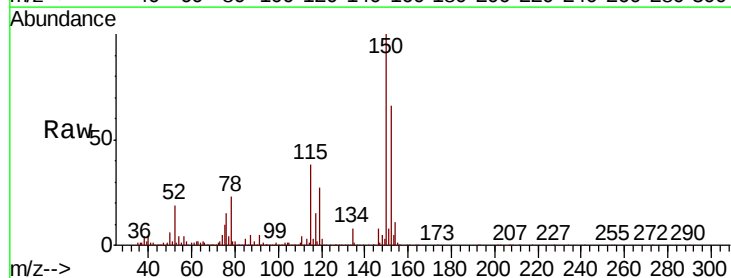


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

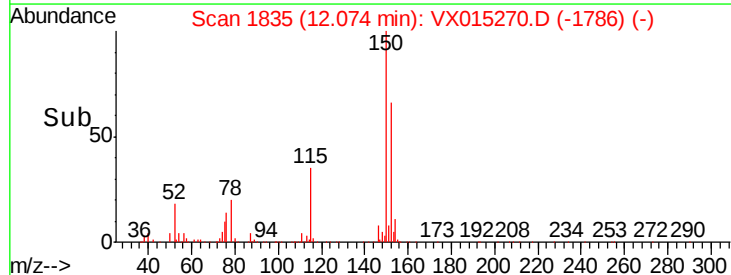
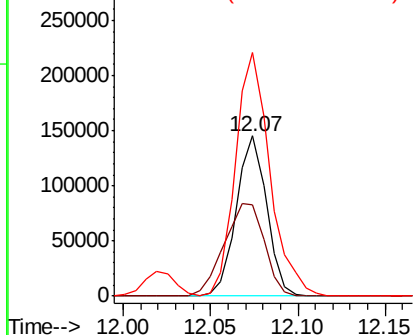


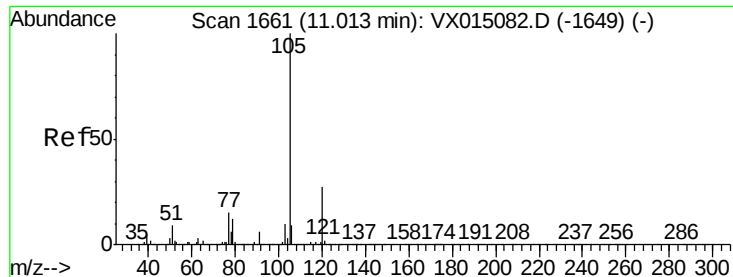
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion:152 Resp: 175573
Ion Ratio Lower Upper
152 100
115 76.7 38.2 114.6
150 171.8 0.0 343.8



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: 51.515 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

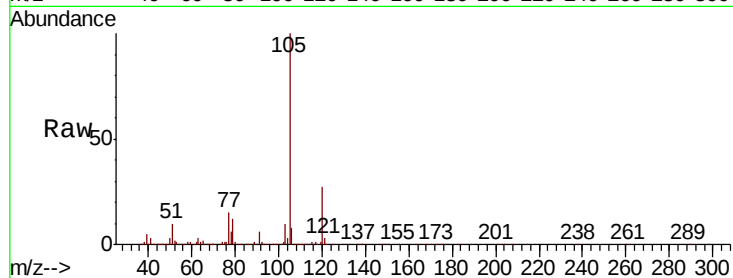
RE131D1-20200309MSD

Tot Ion:105 Resp: 577783

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

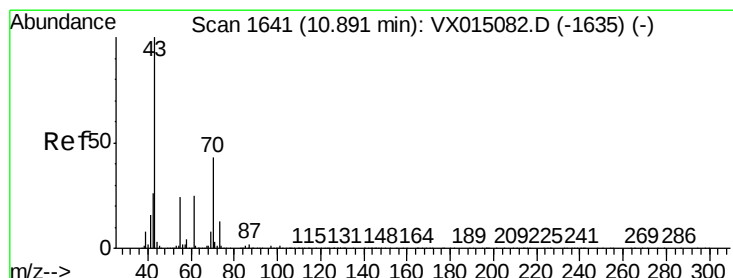
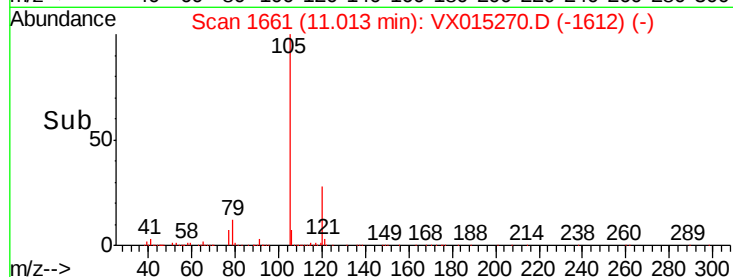
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 50.388 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Tgt Ion: 43 Resp: 238166

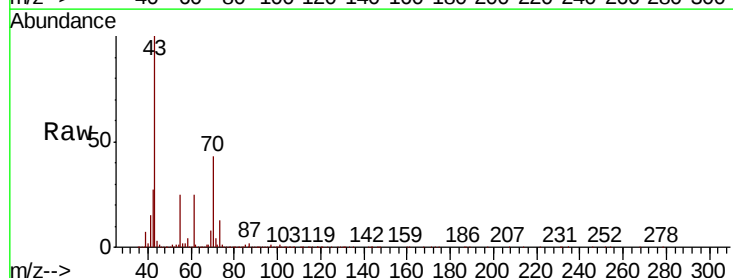
Ion Ratio Lower Upper

43 100

70 43.9 34.7 52.1

55 24.7 19.4 29.0

61 24.7 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

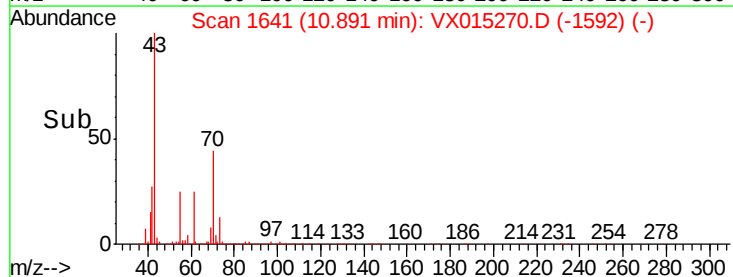
150000

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.699 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

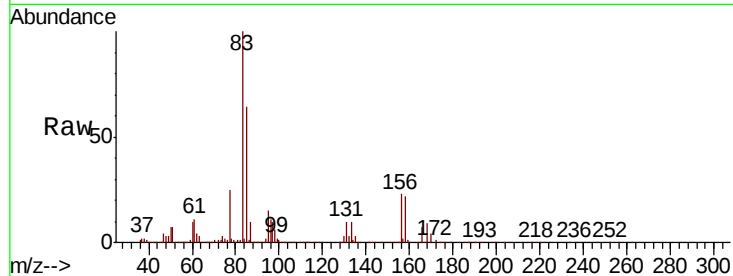
Tot Ion: 83 Resp: 185765

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

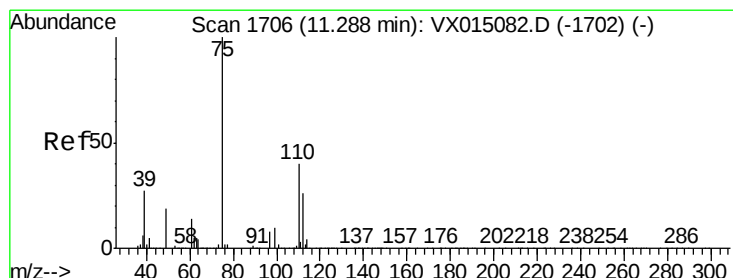
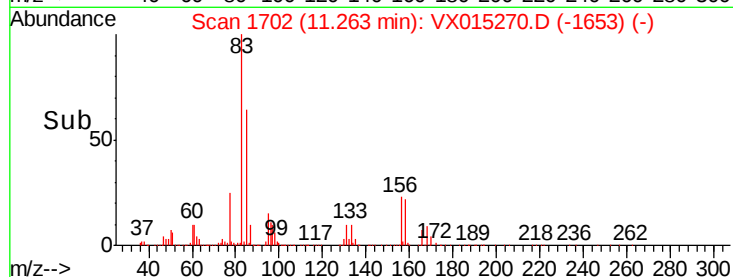
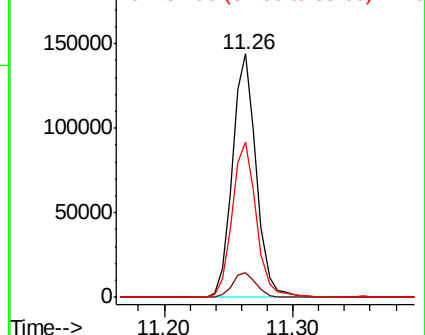
85 64.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.689 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015270.D

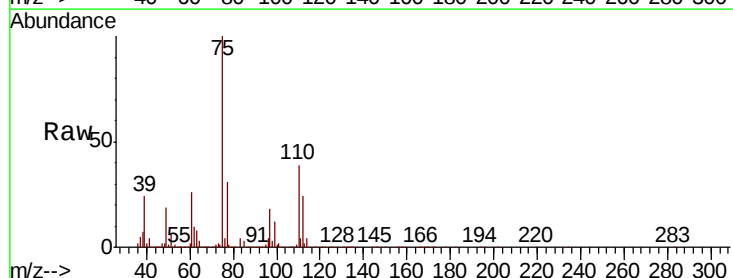
Acq: 13 Mar 2020 19:06

Tgt Ion: 75 Resp: 216043

Ion Ratio Lower Upper

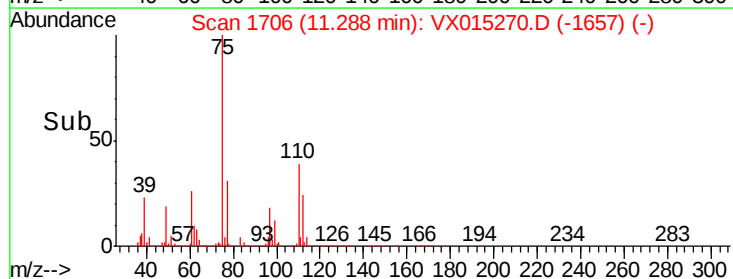
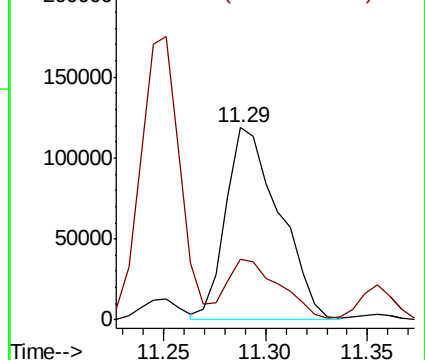
75 100

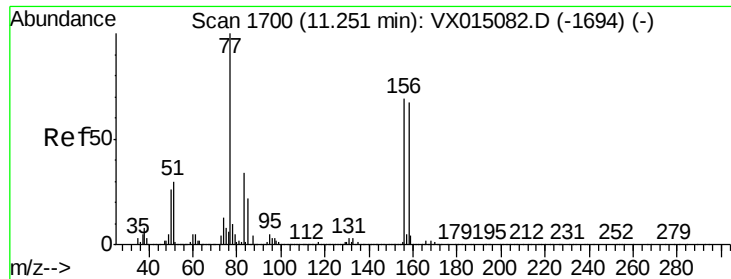
77 30.0 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.359 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

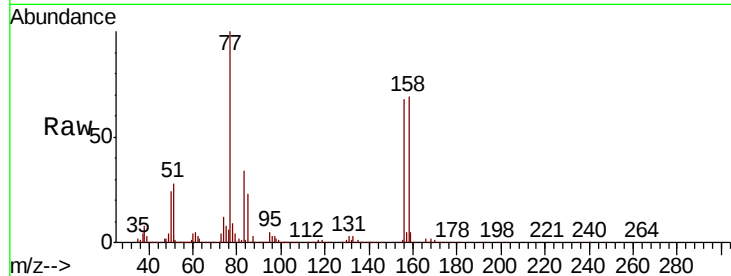
Tot Ion:156 Resp: 151156

Ion Ratio Lower Upper

156 100

77 152.6 75.3 225.9

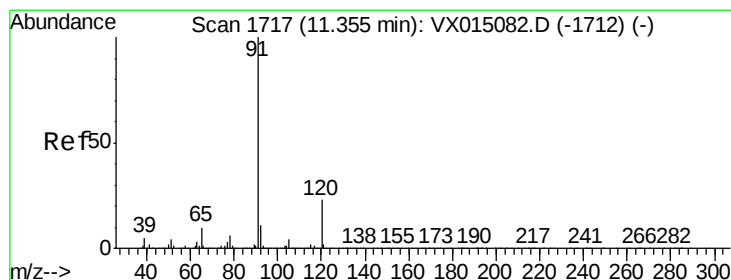
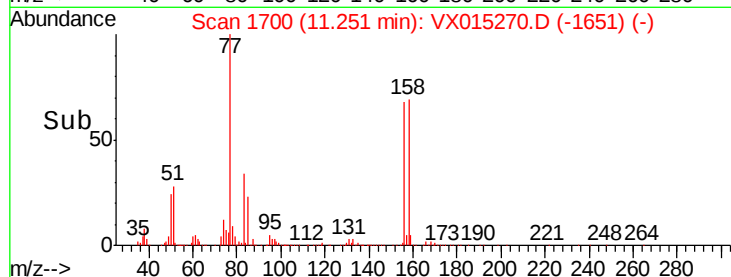
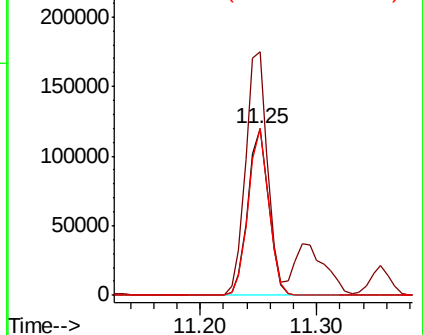
158 98.4 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.801 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015270.D

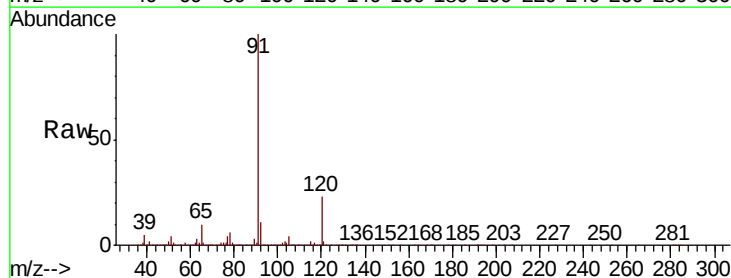
Acq: 13 Mar 2020 19:06

Tgt Ion: 91 Resp: 663752

Ion Ratio Lower Upper

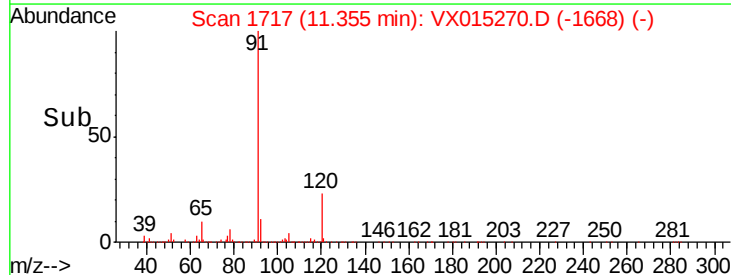
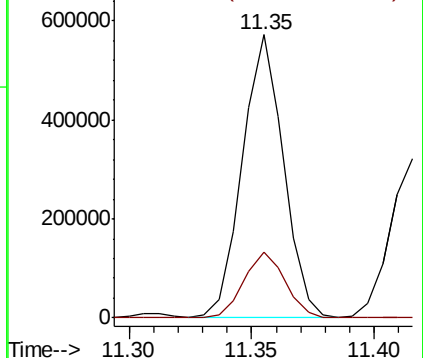
91 100

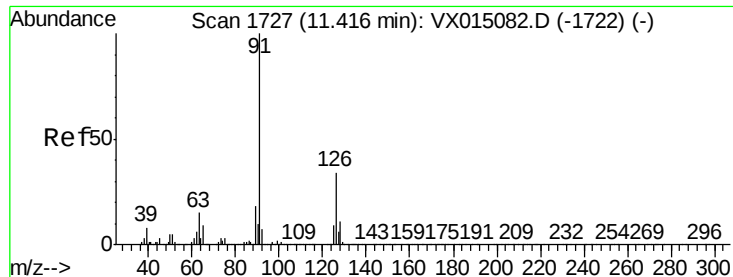
120 23.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

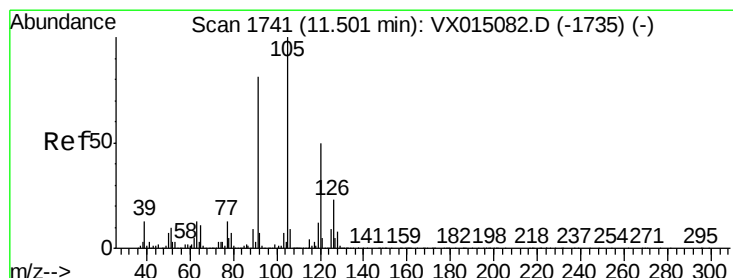
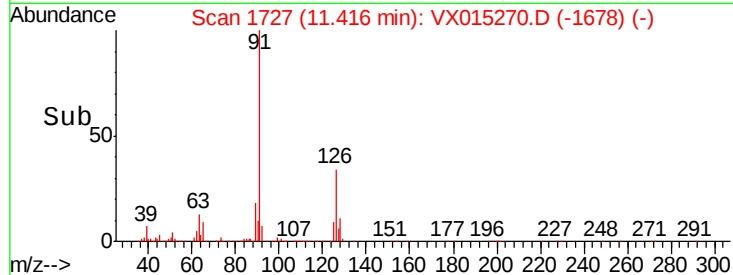
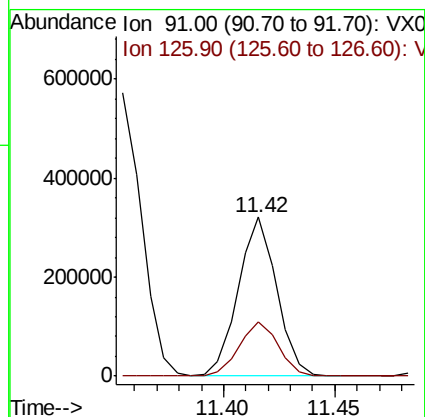
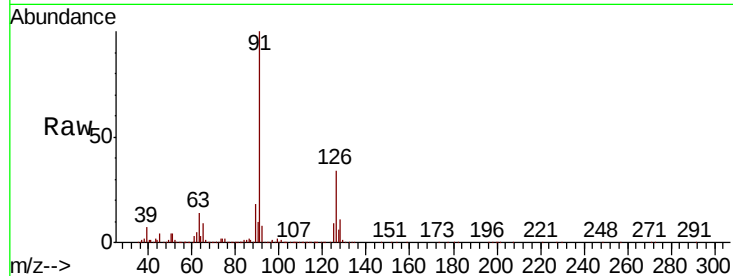




#79
2-Chlorotoluene
Concen: 50.500 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

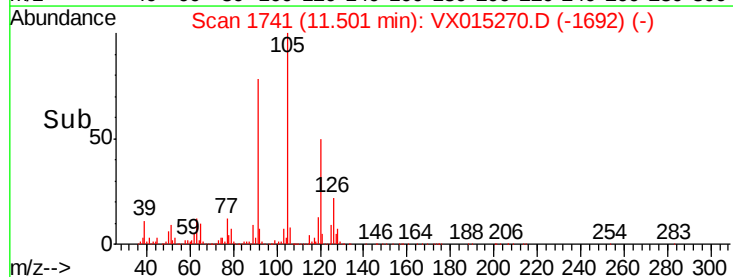
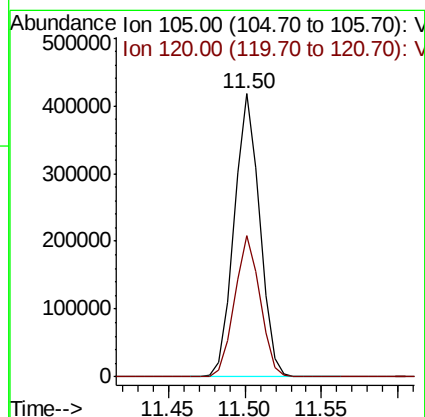
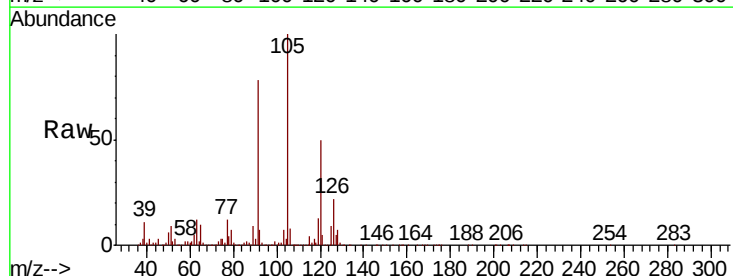
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

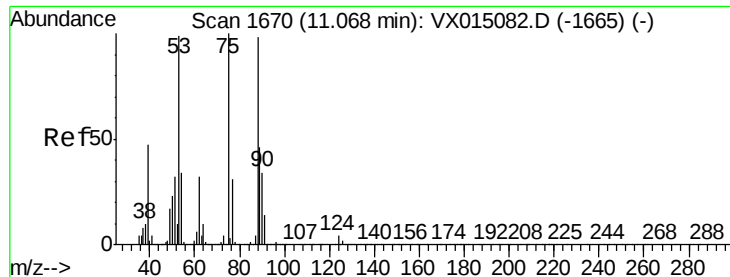
Tot Ion: 91 Resp: 386437
Ion Ratio Lower Upper
91 100
126 34.6 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 51.597 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion: 105 Resp: 481747
Ion Ratio Lower Upper
105 100
120 50.1 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 48.226 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

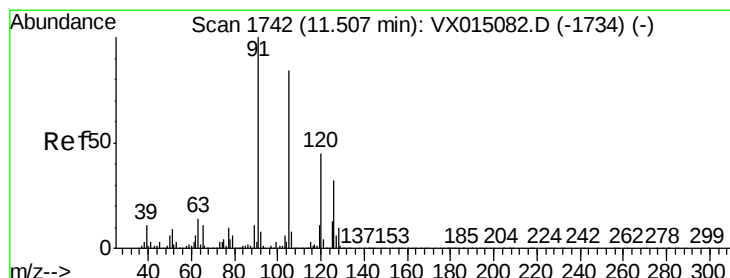
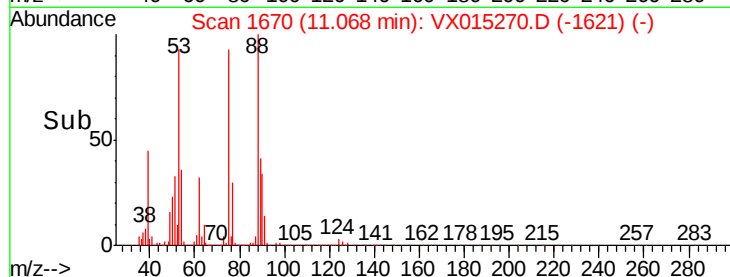
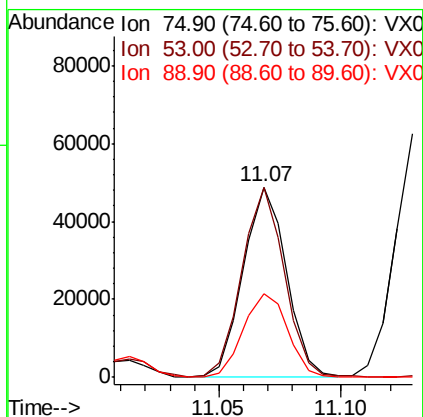
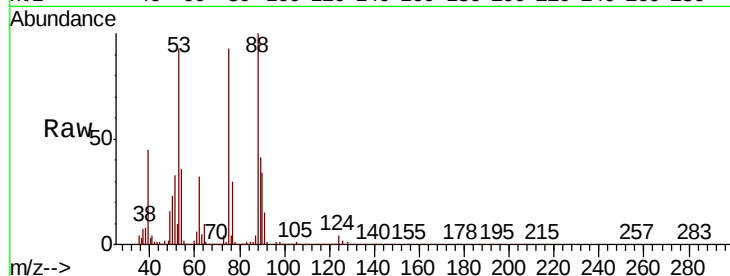
Tot Ion: 75 Resp: 59512

Ion Ratio Lower Upper

75 100

53 97.8 77.9 116.9

89 45.7 36.2 54.2



#82

4-Chlorotoluene

Concen: 49.791 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015270.D

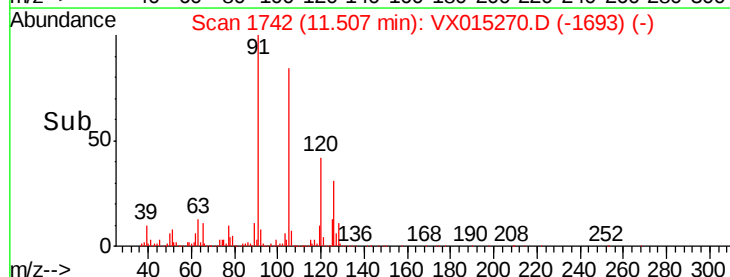
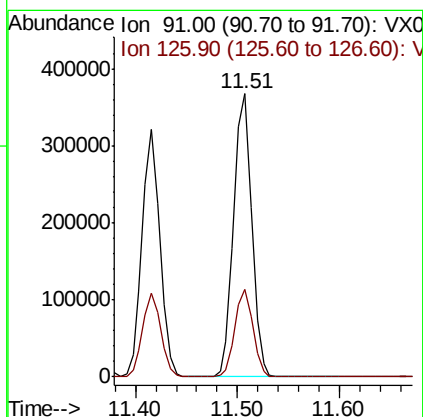
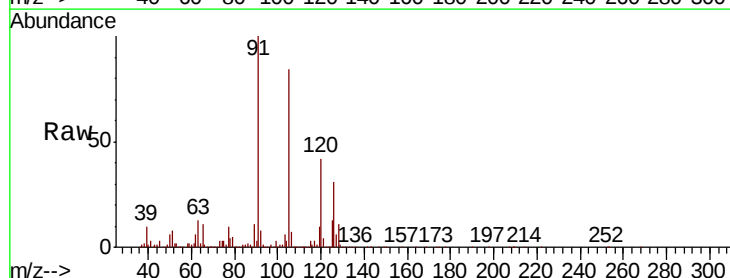
Acq: 13 Mar 2020 19:06

Tgt Ion: 91 Resp: 450141

Ion Ratio Lower Upper

91 100

126 30.4 15.4 46.2





#83

tert-Butylbenzene

Concen: 51.298 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

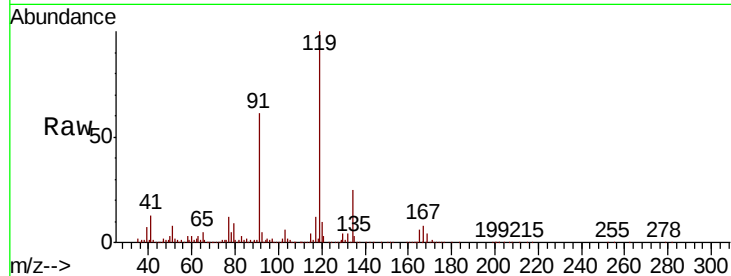
Tot Ion:119 Resp: 463108

Ion Ratio Lower Upper

119 100

91 56.1 28.5 85.6

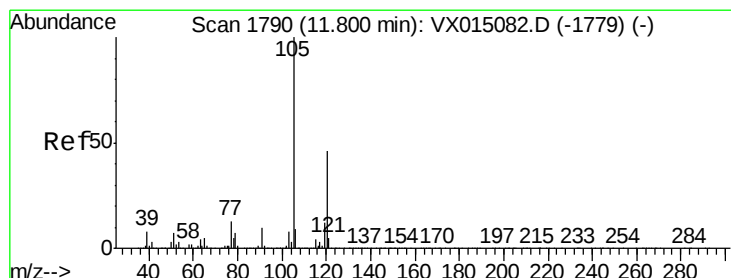
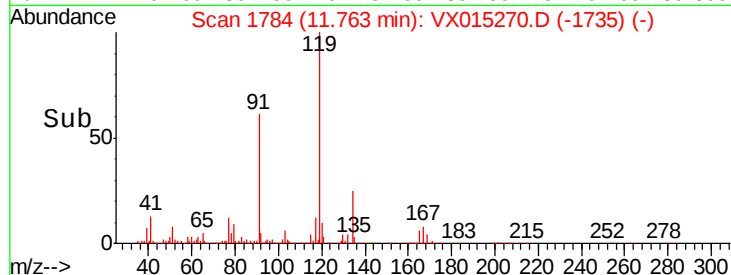
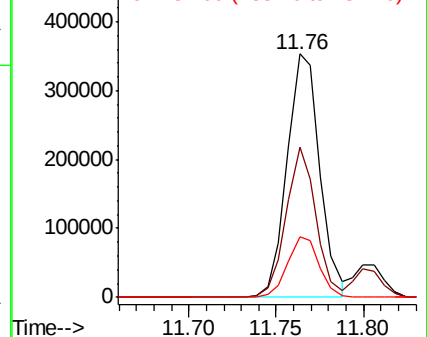
134 24.0 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.077 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015270.D

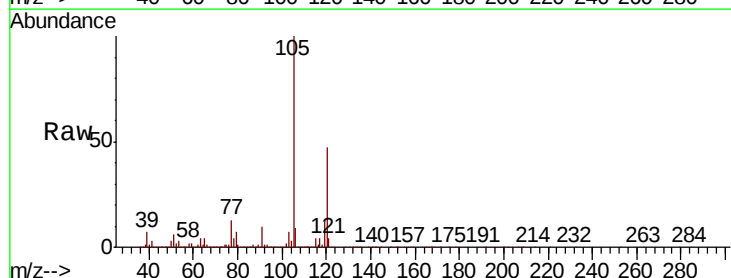
Acq: 13 Mar 2020 19:06

Tgt Ion:105 Resp: 488462

Ion Ratio Lower Upper

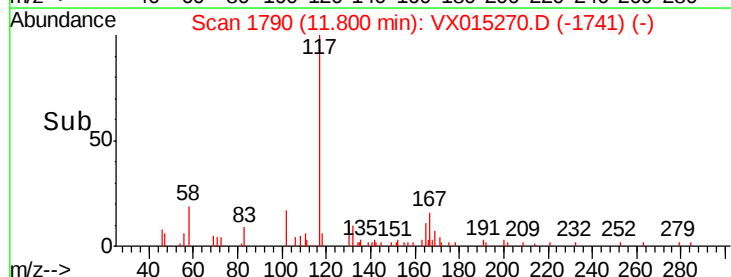
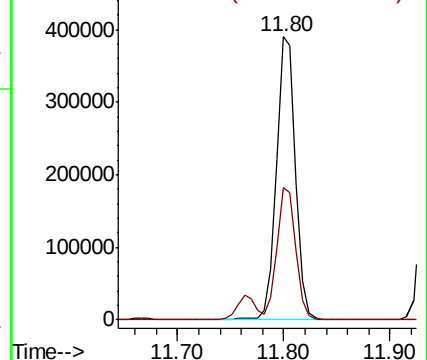
105 100

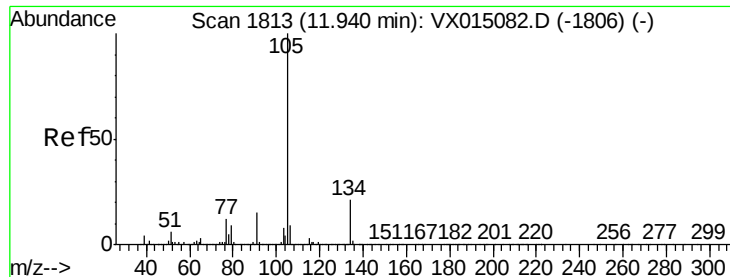
120 46.2 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.931 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

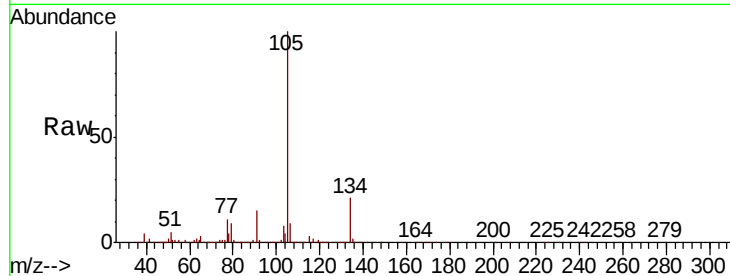
RE131D1-20200309MSD

Tot Ion:105 Resp: 565958

Ion Ratio Lower Upper

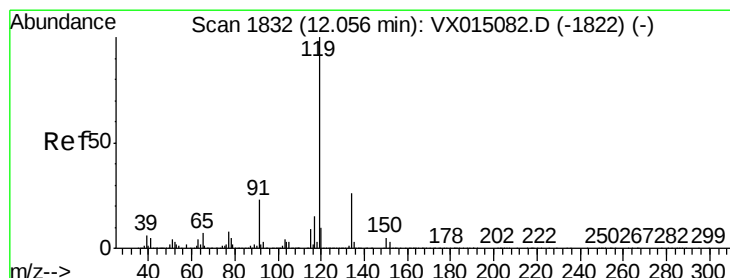
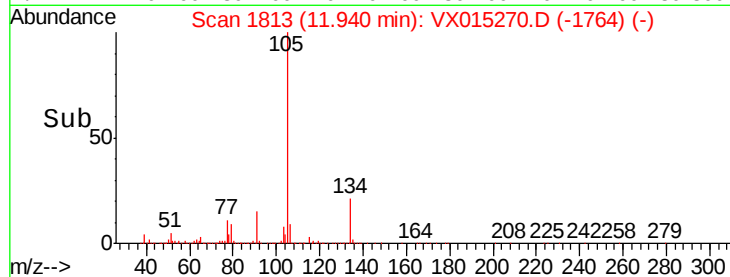
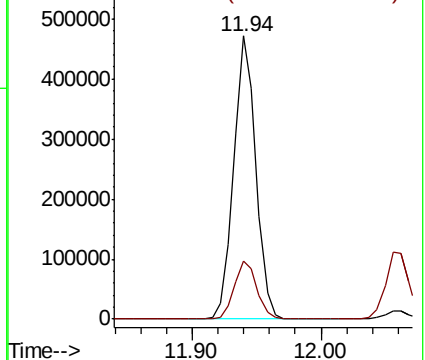
105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.244 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

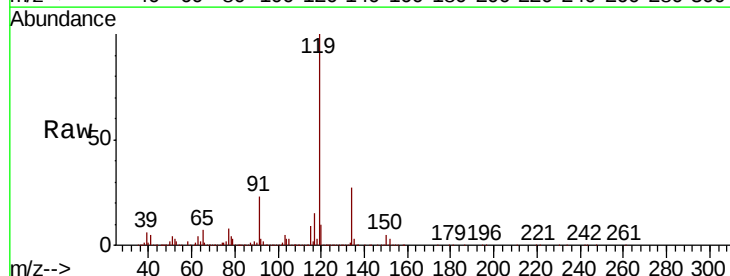
Tgt Ion:119 Resp: 524568

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

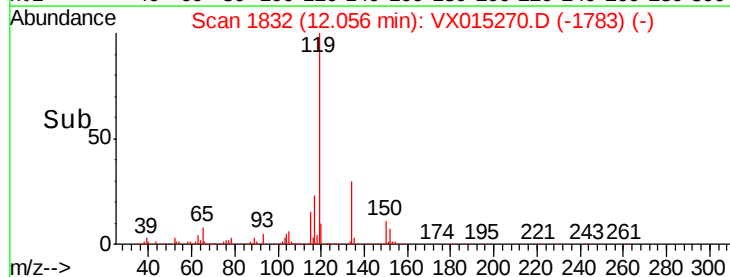
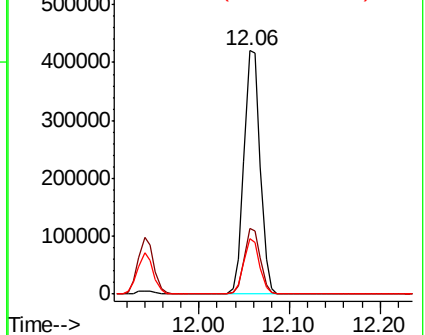
91 22.1 11.3 33.8

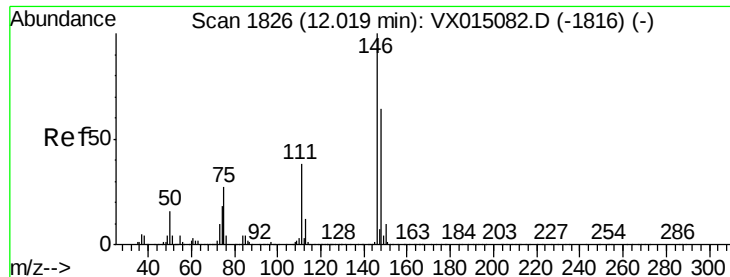


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.212 ug/l

RT: 12.02 min Scan# 1826

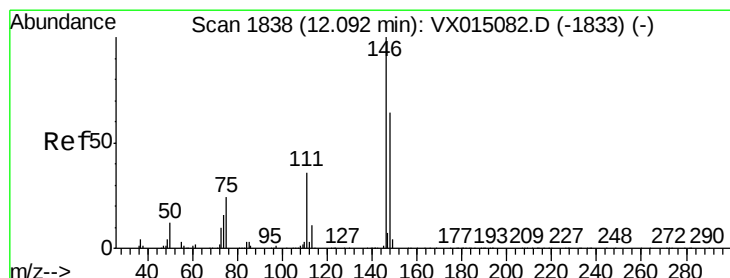
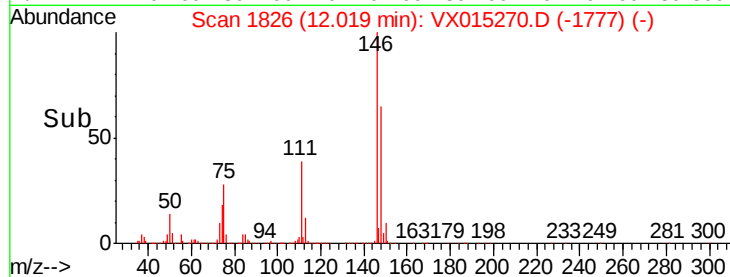
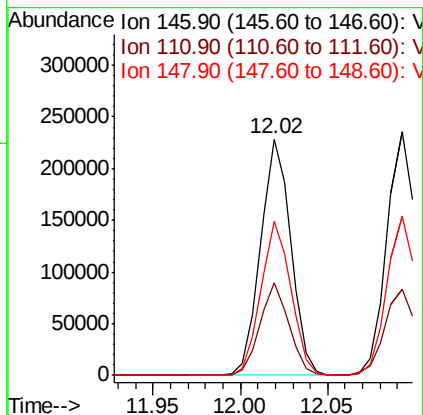
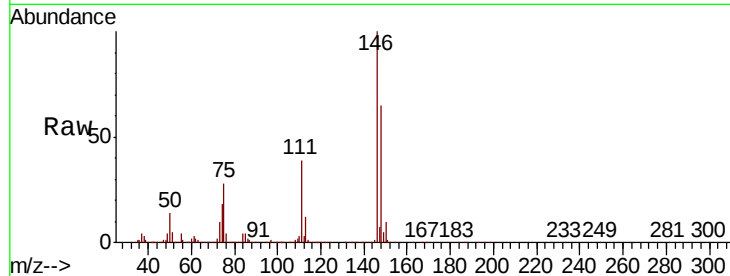
Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.1
148	64.6	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 48.779 ug/l

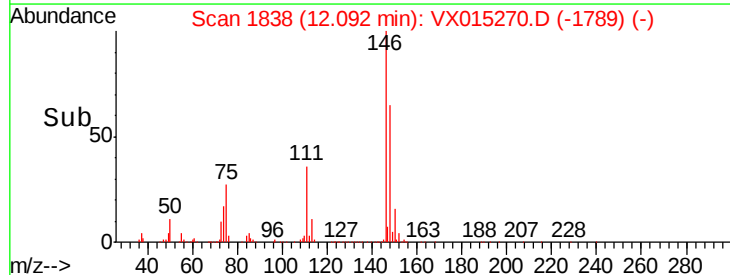
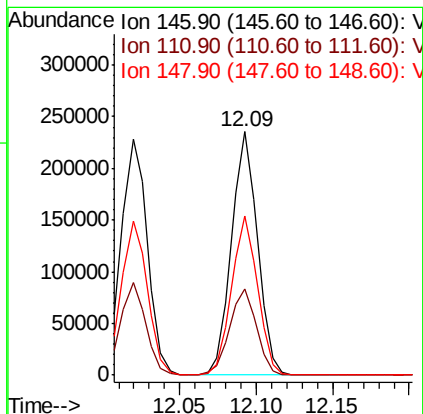
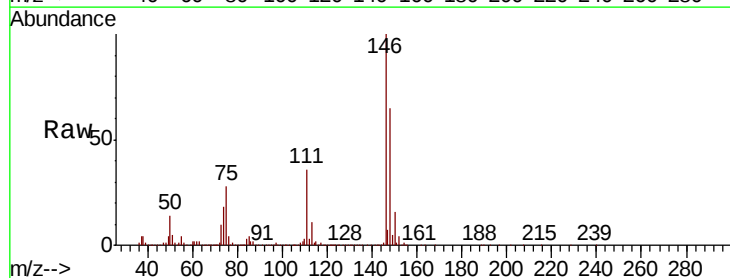
RT: 12.09 min Scan# 1838

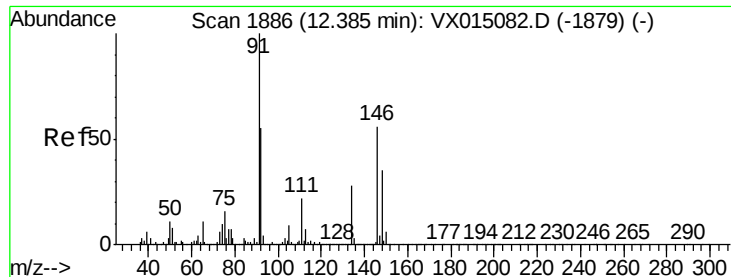
Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.7	56.1
148	65.3	32.5	97.4





#89

n-Butylbenzene

Concen: 51.849 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

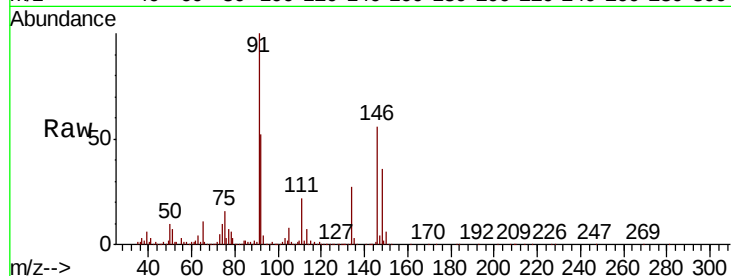
Tot Ion: 91 Resp: 463022

Ion Ratio Lower Upper

91 100

92 53.4 27.2 81.6

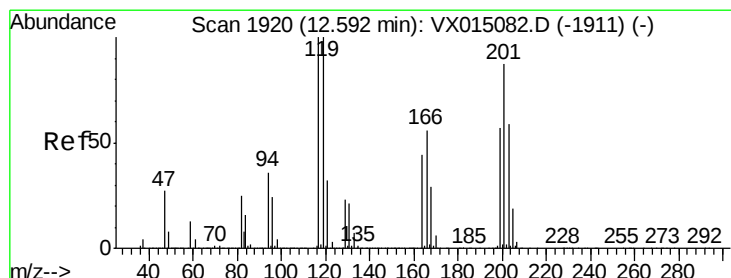
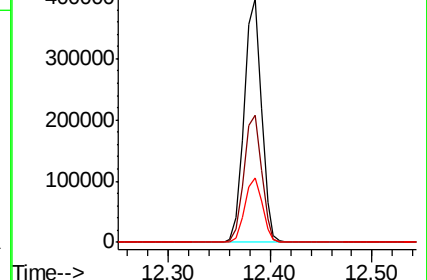
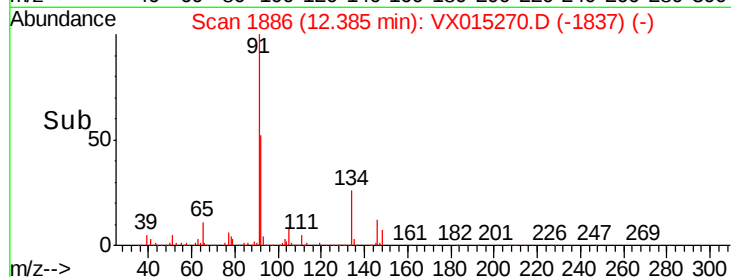
134 26.8 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 48.154 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015270.D

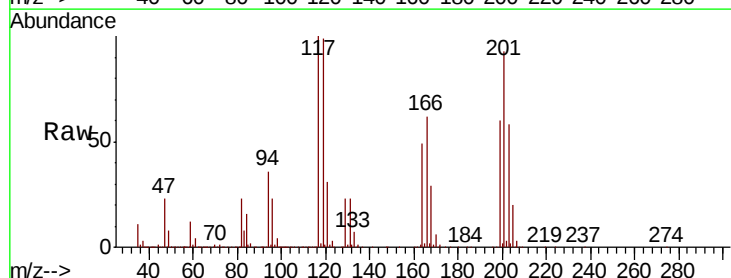
Acq: 13 Mar 2020 19:06

Tgt Ion: 117 Resp: 91407

Ion Ratio Lower Upper

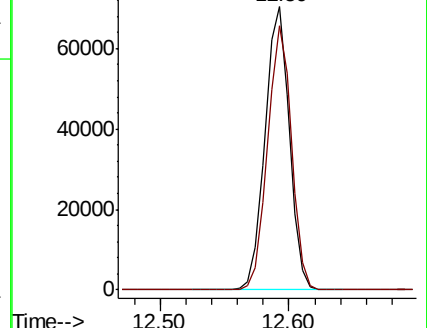
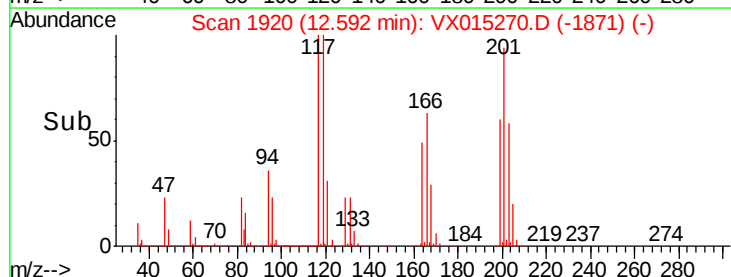
117 100

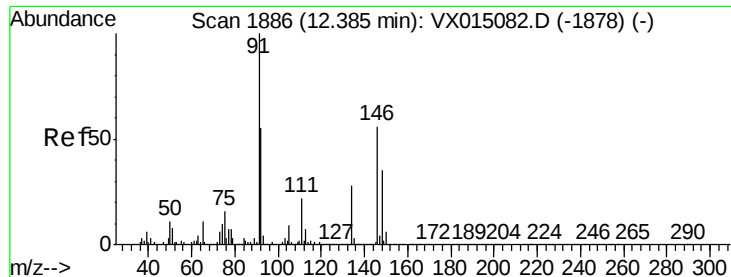
201 92.2 43.5 130.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

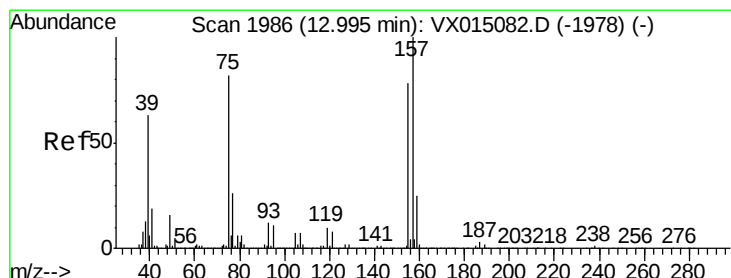
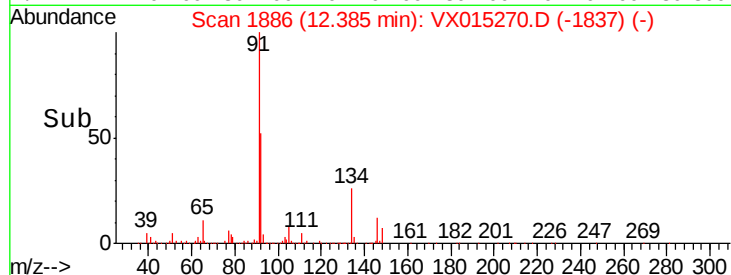
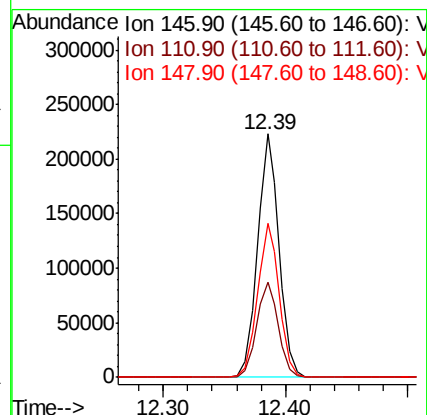
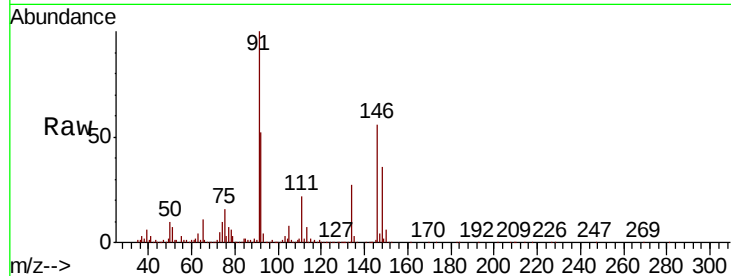




#91
 1,2-Dichlorobenzene
 Concen: 50.024 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

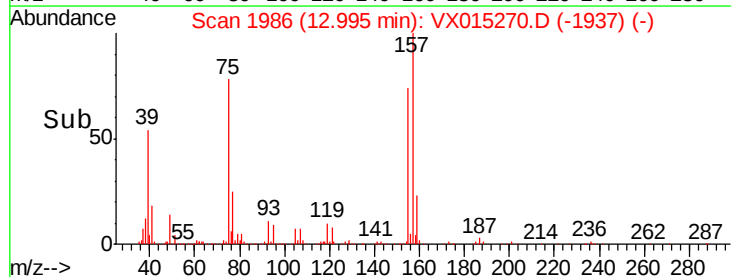
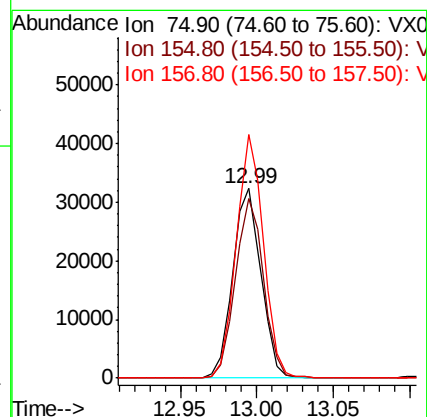
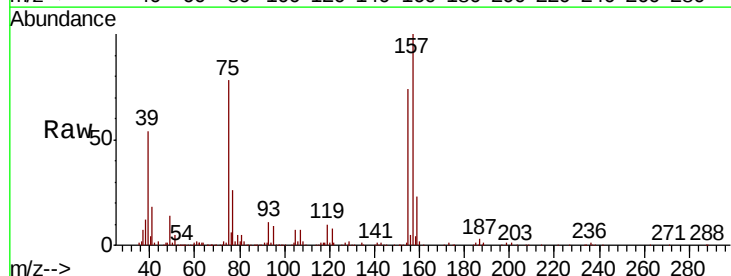
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

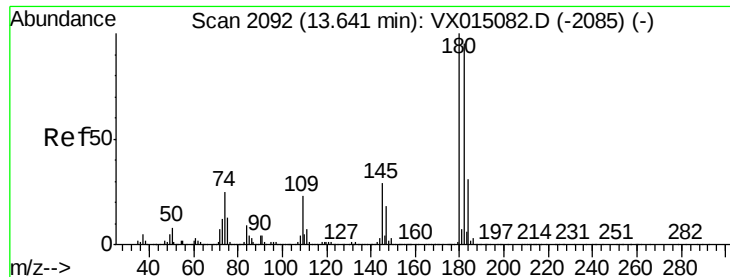
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.9	59.7
148	63.9	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.723 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.3	46.6	139.7
157	124.7	59.2	177.5

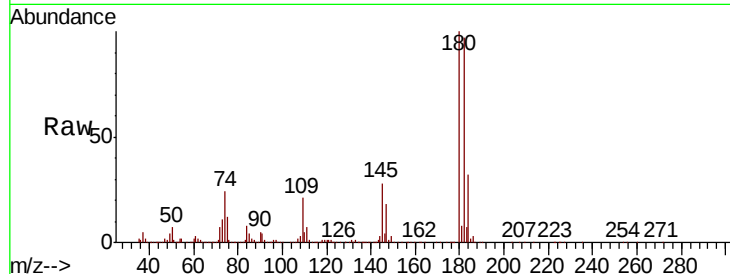




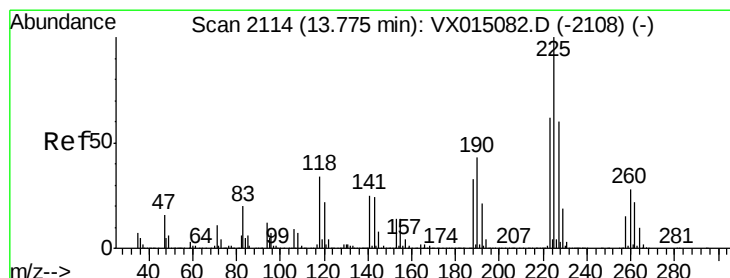
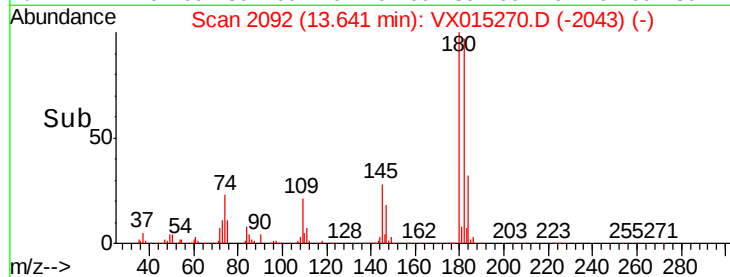
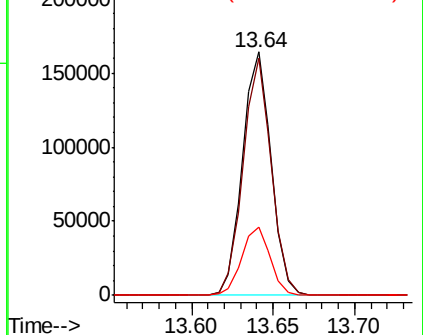
#93
 1,2,4-Trichlorobenzene
 Concen: 53.063 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.6	142.8
145	27.9	14.1	42.2

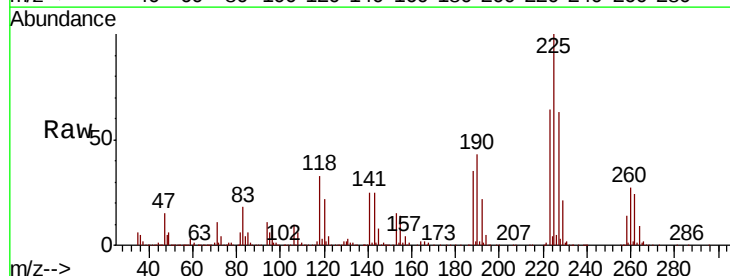


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

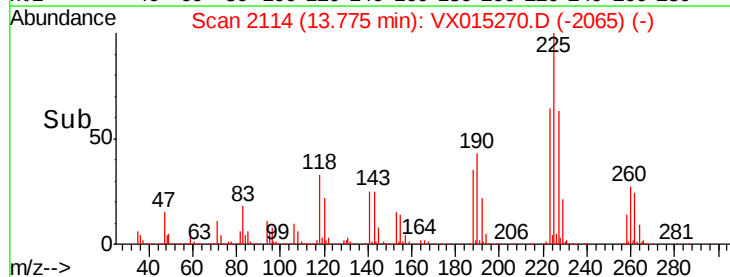
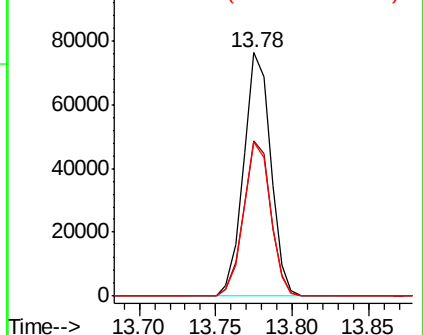


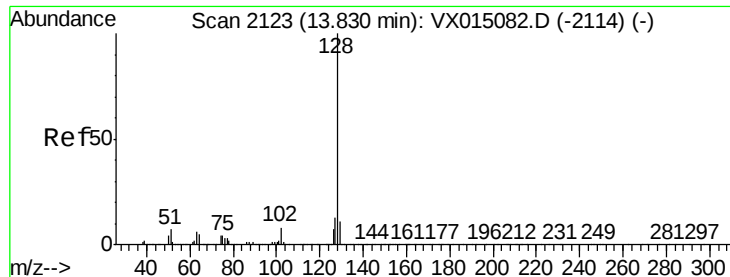
#94
 Hexachlorobutadiene
 Concen: 48.236 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.3	93.9
227	62.9	31.1	93.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

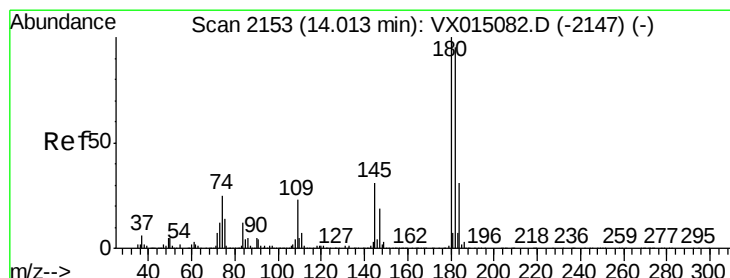
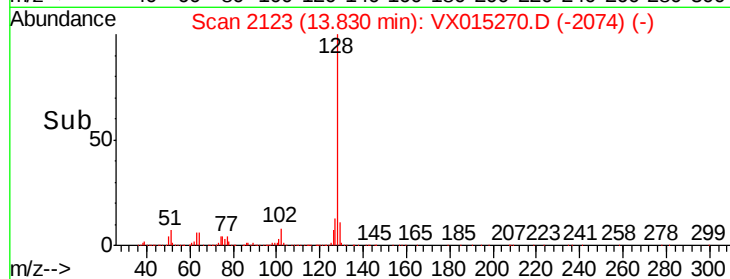
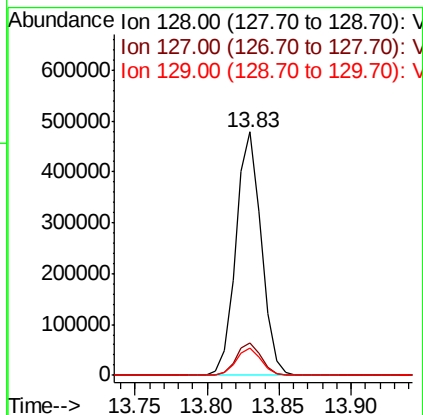
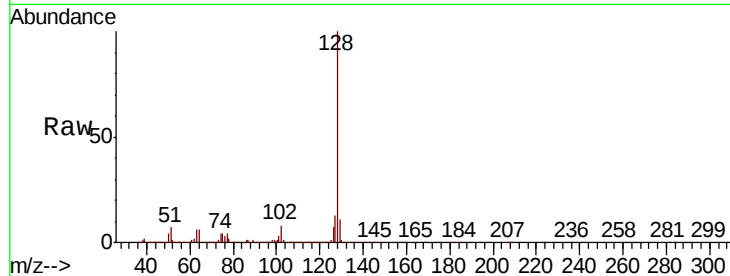




#95
Naphthalene
Concen: 50.597 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.438 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.4
145	29.8	15.1	45.3

