

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101019\
 Data File : VX013005.D
 Acq On : 10 Oct 2019 18:50
 Operator : JC/SP
 Sample : K5261-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MSD

Quant Time: Oct 11 04:41:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273230	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	106901	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
35) Dibromofluoromethane	5.49	113	85232	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	
50) Toluene-d8	8.71	98	319995	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	11.14	95	125075	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	80405	49.723	ug/l	97
3) Chloromethane	1.32	50	91128	51.782	ug/l	98
4) Vinyl Chloride	1.40	62	105900	58.301	ug/l	99
5) Bromomethane	1.63	94	37013	49.019	ug/l	99
6) Chloroethane	1.71	64	57116	51.466	ug/l	98
7) Trichlorofluoromethane	1.92	101	129645	52.880	ug/l	95
8) Diethyl Ether	2.18	74	51878	52.424	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80887	50.978	ug/l	98
10) Methyl Iodide	2.50	142	100969	55.543	ug/l	99
11) Tert butyl alcohol	3.03	59	125337	238.455	ug/l	98
12) 1,1-Dichloroethene	2.36	96	85637	53.418	ug/l	96
13) Acrolein	2.28	56	93890	251.354	ug/l	99
14) Allyl chloride	2.72	41	150080	52.568	ug/l	99
15) Acrylonitrile	3.13	53	272364	273.433	ug/l	98
16) Acetone	2.44	43	227057	217.252	ug/l	99
17) Carbon Disulfide	2.56	76	222338	48.639	ug/l	100
18) Methyl Acetate	2.76	43	122978	49.643	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	308229	55.675	ug/l	99
20) Methylene Chloride	2.84	84	97926	50.983	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	133583	77.743	ug/l	96
22) Diisopropyl ether	3.84	45	300355	54.903	ug/l	95
23) Vinyl Acetate	3.80	43	1232678	261.014	ug/l	99
24) 1,1-Dichloroethane	3.69	63	173657	56.425	ug/l	100
25) 2-Butanone	4.66	43	371514	256.221	ug/l	99
26) 2,2-Dichloropropane	4.57	77	120590	46.595	ug/l	92
27) cis-1,2-Dichloroethene	4.58	96	213833	107.963	ug/l	95
28) Bromochloromethane	5.00	49	52304	56.929	ug/l	99
29) Tetrahydrofuran	5.12	42	243069	272.418	ug/l	99
30) Chloroform	5.20	83	170386	53.955	ug/l	99
31) Cyclohexane	5.57	56	143849	49.985	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	149442	55.851	ug/l	98
36) 1,1-Dichloropropene	5.79	75	124591	51.864	ug/l	99
37) Ethyl Acetate	4.82	43	133083	49.544	ug/l	100
38) Carbon Tetrachloride	5.78	117	123010	52.609	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX013005.D
 Acq On : 10 Oct 2019 18:50
 Operator : JC/SP
 Sample : K5261-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MSD

Quant Time: Oct 11 04:41:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	142012	48.746	ug/l	97
40) Benzene	6.14	78	386358	54.454	ug/l	99
41) Methacrylonitrile	5.03	41	78776	53.370	ug/l	100
42) 1,2-Dichloroethane	6.18	62	139075	54.627	ug/l	99
43) Isopropyl Acetate	6.43	43	223436	51.824	ug/l	100
44) Trichloroethene	7.21	130	132937	67.567	ug/l	94
45) 1,2-Dichloropropane	7.51	63	99607	55.083	ug/l	99
46) Dibromomethane	7.65	93	66203	54.950	ug/l	99
47) Bromodichloromethane	7.89	83	130102	55.335	ug/l	99
48) Methyl methacrylate	7.76	41	113577	54.059	ug/l	99
49) 1,4-Dioxane	7.73	88	49562	883.292	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	732008	272.318	ug/l	100
52) Toluene	8.78	92	243454	53.635	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	138970	47.477	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	154090	53.286	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	100252	55.809	ug/l	99
56) Ethyl methacrylate	9.17	69	164118	50.984	ug/l	99
57) 1,3-Dichloropropane	9.37	76	168208	54.133	ug/l	99
59) 2-Hexanone	9.49	43	563277	269.190	ug/l	100
60) Dibromochloromethane	9.58	129	100802	50.410	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102971	54.492	ug/l	100
64) Tetrachloroethene	9.33	164	86512	50.646	ug/l	95
65) Chlorobenzene	10.14	112	254817	52.102	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	93645	55.224	ug/l	99
67) Ethyl Benzene	10.25	91	459894	52.939	ug/l	99
68) m/p-Xylenes	10.35	106	348865	107.495	ug/l	99
69) o-Xylene	10.70	106	169769	53.642	ug/l	99
70) Stvrene	10.71	104	294038	54.651	ug/l	99
71) Bromoform	10.85	173	68043	47.284	ug/l #	100
73) Isopropylbenzene	11.01	105	447189	53.833	ug/l	100
74) N-amyl acetate	10.89	43	187297	52.352	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	151325	54.770	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	173860	69.376	ug/l	77
77) Bromobenzene	11.25	156	103788	53.020	ug/l	98
78) n-propylbenzene	11.35	91	477283	52.215	ug/l	100
79) 2-Chlorotoluene	11.42	91	312113	54.331	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	379714	54.742	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	44687	46.193	ug/l	98
82) 4-Chlorotoluene	11.51	91	348396	52.911	ug/l	99
83) tert-Butylbenzene	11.77	119	365537	54.023	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	382807	54.492	ug/l	100
85) sec-Butylbenzene	11.94	105	420922	53.695	ug/l	100
86) p-Isopropyltoluene	12.06	119	386553	53.168	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	188185	51.768	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	188418	51.179	ug/l	99
89) n-Butylbenzene	12.39	91	321019	52.536	ug/l	99
90) Hexachloroethane	12.59	117	66150	49.162	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	187559	52.630	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36235	55.954	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	113056	50.643	ug/l	98

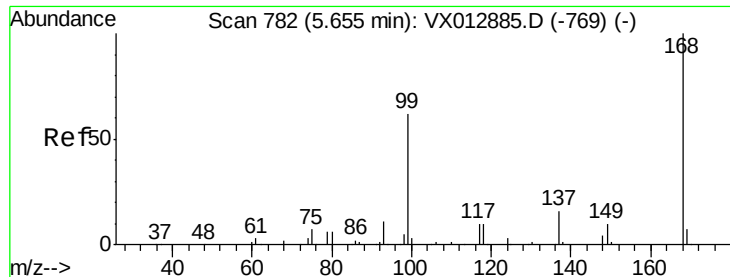
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
Data File : VX013005.D
Acq On : 10 Oct 2019 18:50
Operator : JC/SP
Sample : K5261-03MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S49-0555MSD

Quant Time: Oct 11 04:41:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	48999	47.560	ug/l	99
95) Naphthalene	13.83	128	409928	52.971	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	117111	50.764	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

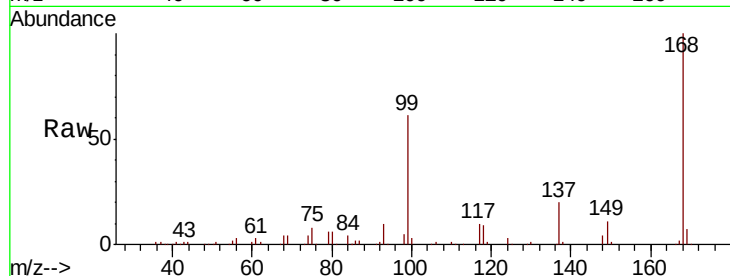
S49-0555MSD

Tot Ion:168 Resp: 158640

Ion Ratio Lower Upper

168 100

99 60.9 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

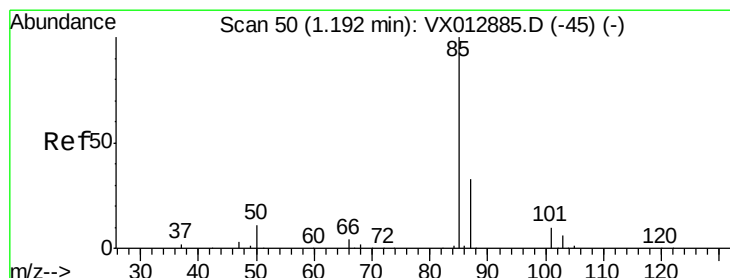
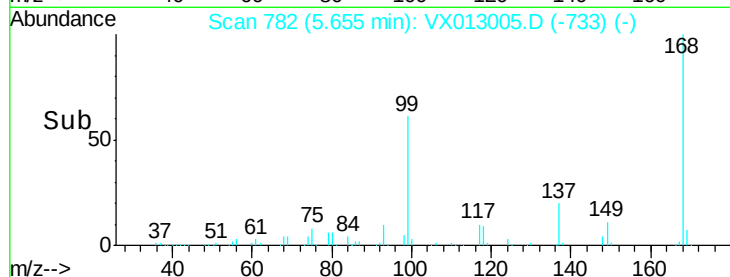
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.723 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013005.D

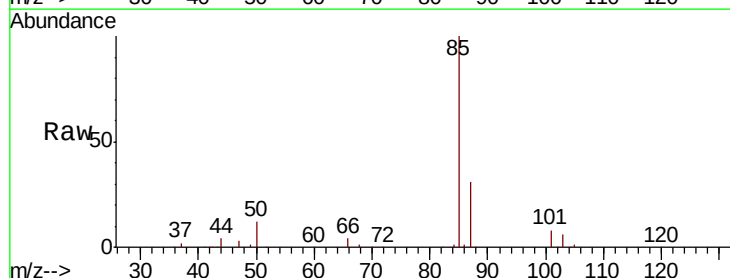
Acq: 10 Oct 2019 18:50

Tgt Ion: 85 Resp: 80405

Ion Ratio Lower Upper

85 100

87 31.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

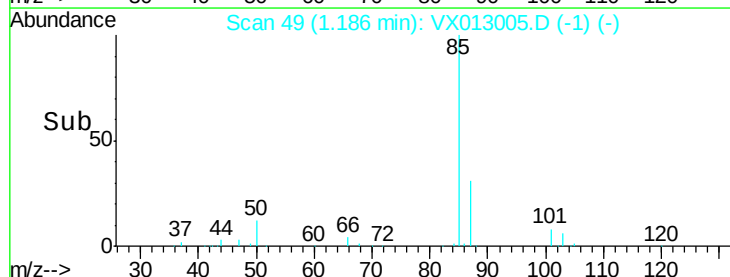
60000

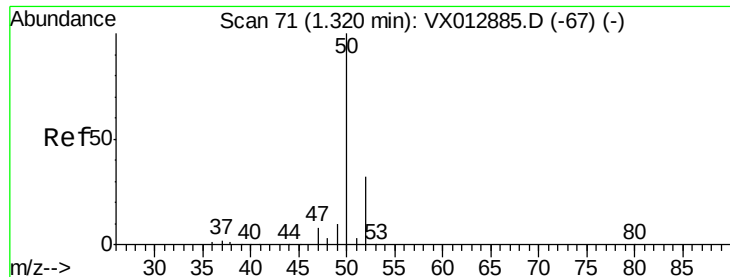
40000

20000

0

Time-->





#3

Chloromethane

Concen: 51.782 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

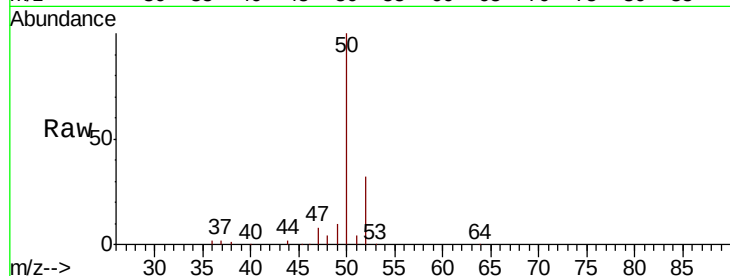
S49-0555MSD

Tot Ion: 50 Resp: 91128

Ion Ratio Lower Upper

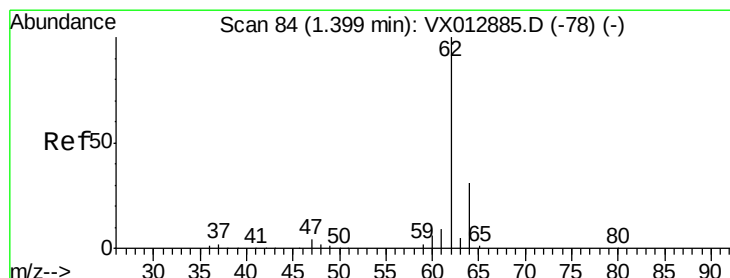
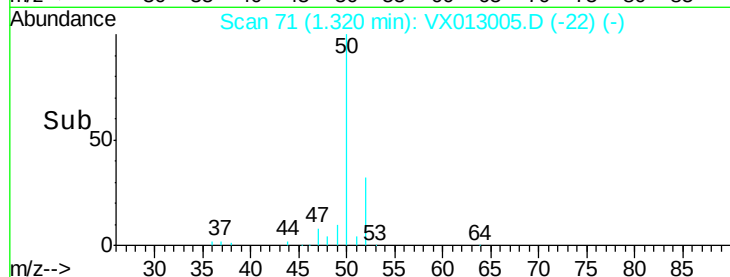
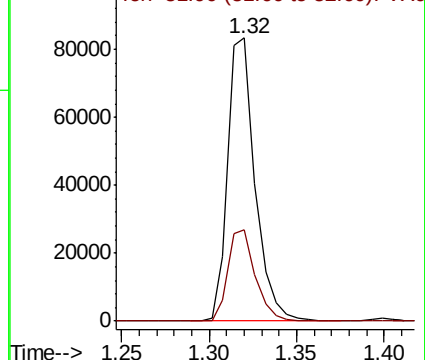
50 100

52 32.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 58.301 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013005.D

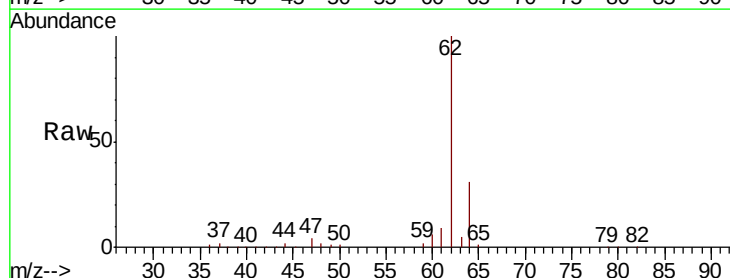
Acq: 10 Oct 2019 18:50

Tgt Ion: 62 Resp: 105900

Ion Ratio Lower Upper

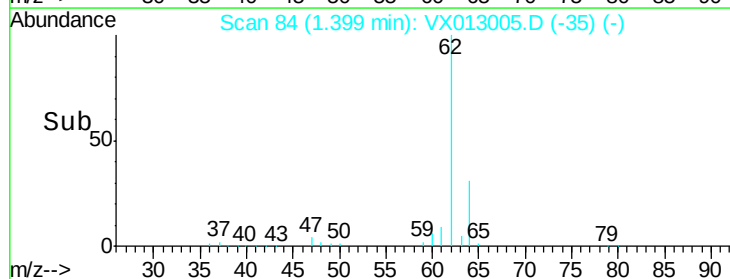
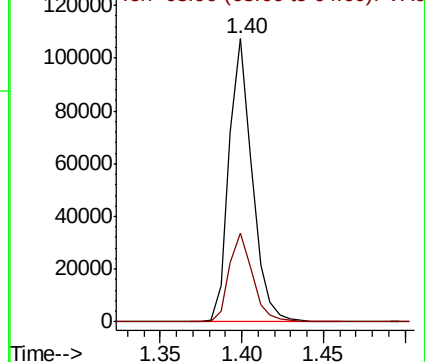
62 100

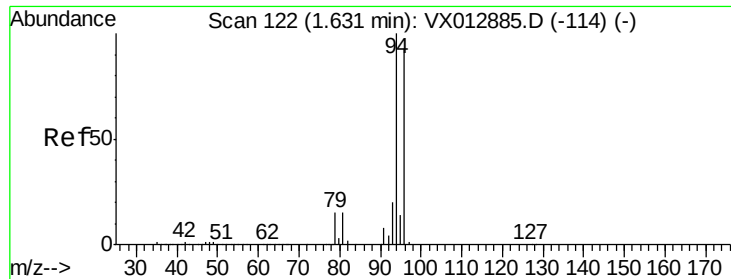
64 31.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.019 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

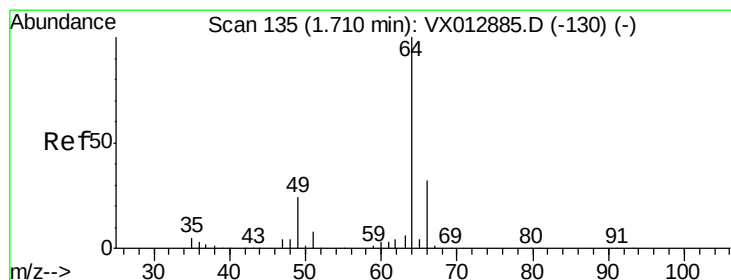
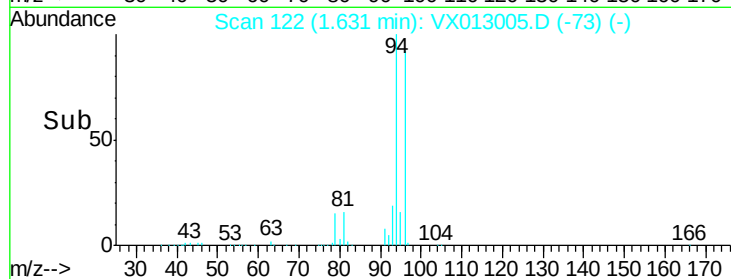
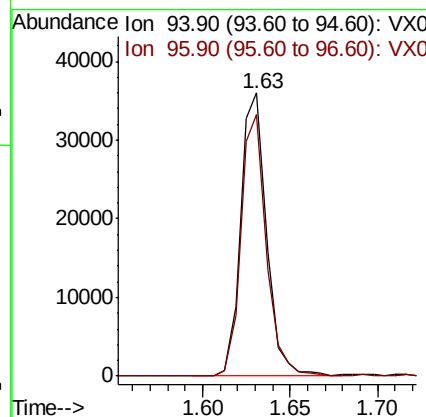
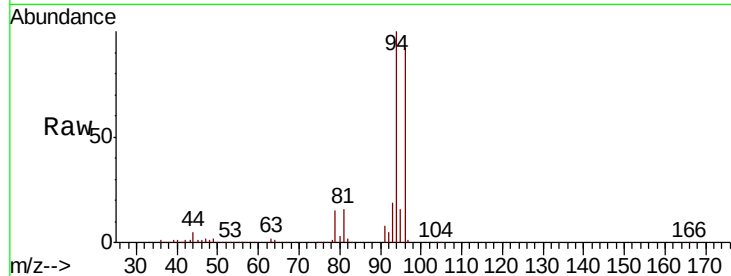
S49-0555MSD

Tot Ion: 94 Resp: 37013

Ion Ratio Lower Upper

94 100

96 92.3 74.7 112.1



#6

Chloroethane

Concen: 51.466 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013005.D

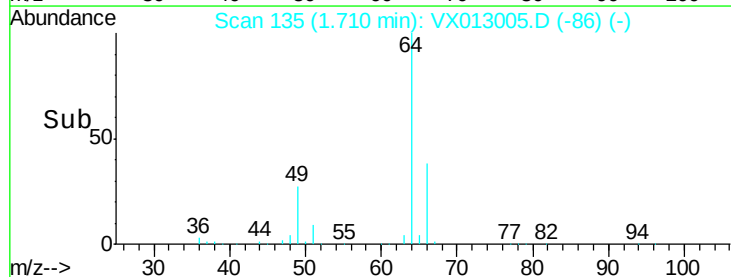
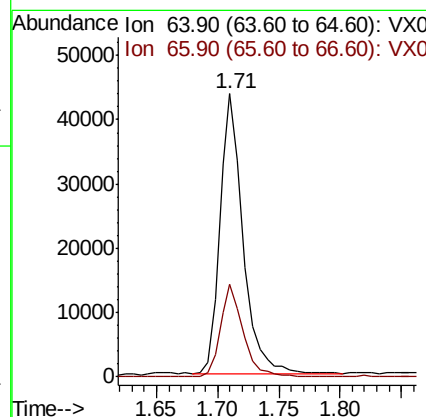
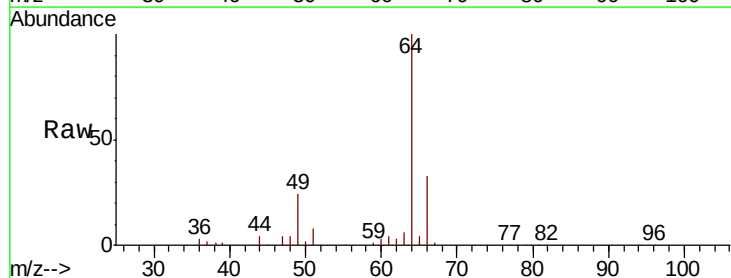
Acq: 10 Oct 2019 18:50

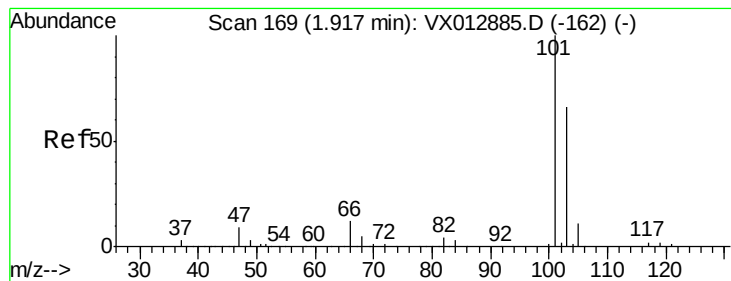
Tgt Ion: 64 Resp: 57116

Ion Ratio Lower Upper

64 100

66 32.9 25.6 38.4



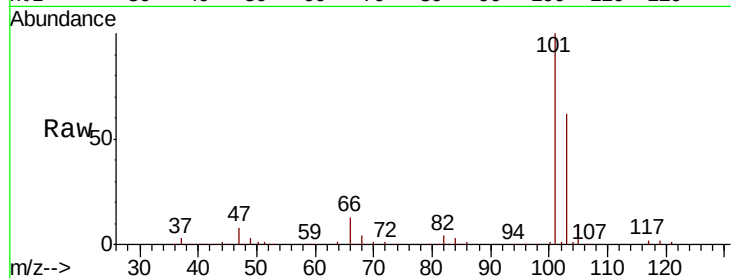


#7

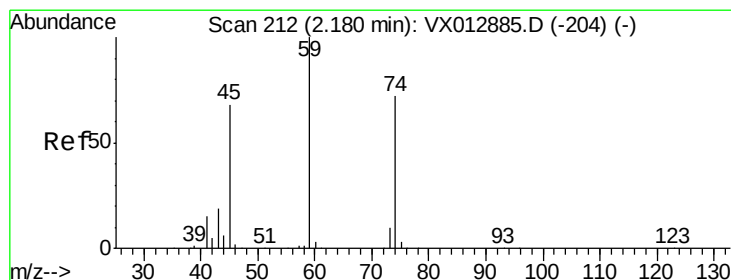
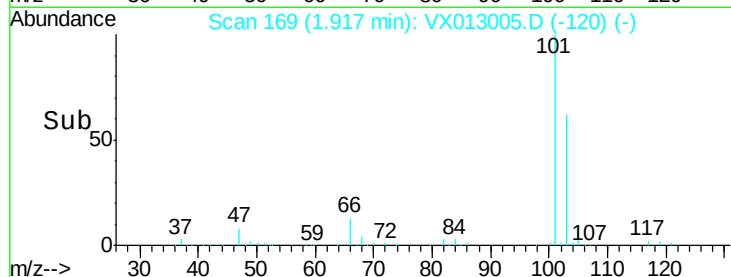
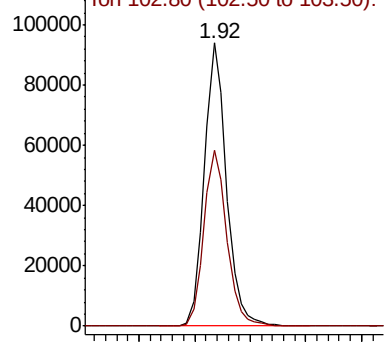
Trichlorofluoromethane
Concen: 52.880 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

Instrument :
MSVOA_X
ClientSampled :
S49-0555MSD

Tot Ion:101 Resp: 129645
Ion Ratio Lower Upper
101 100
103 62.0 52.5 78.7



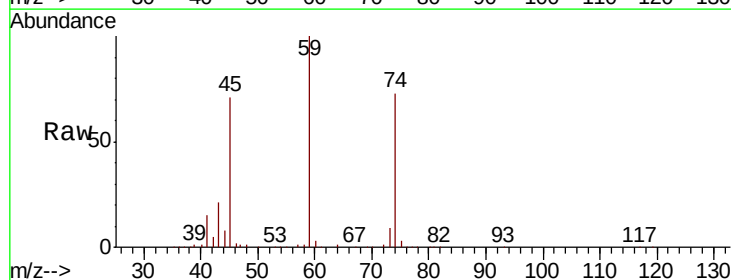
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



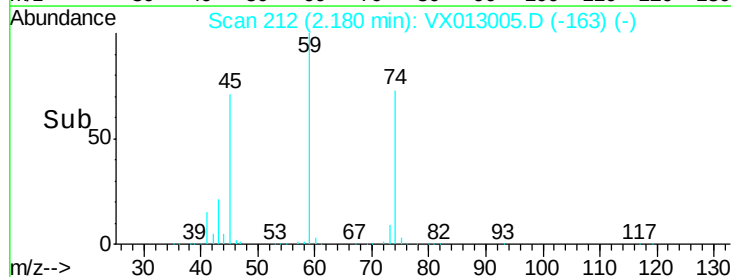
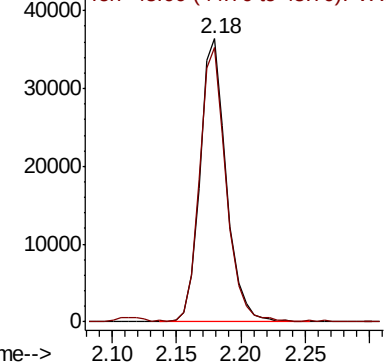
#8

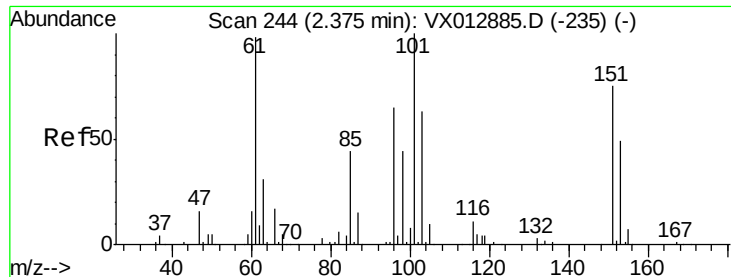
Diethyl Ether
Concen: 52.424 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

Tgt Ion: 74 Resp: 51878
Ion Ratio Lower Upper
74 100
45 97.1 47.8 143.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.978 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MSD

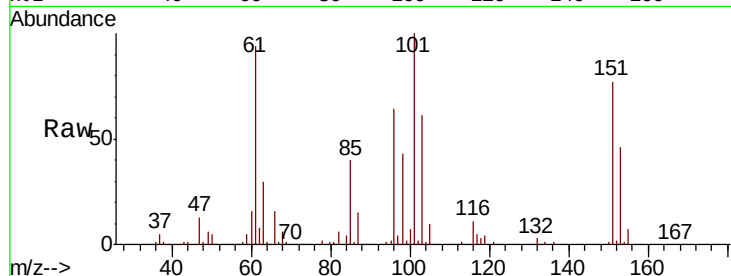
Tot Ion:101 Resp: 80887

Ion Ratio Lower Upper

101 100

85 42.2 35.2 52.8

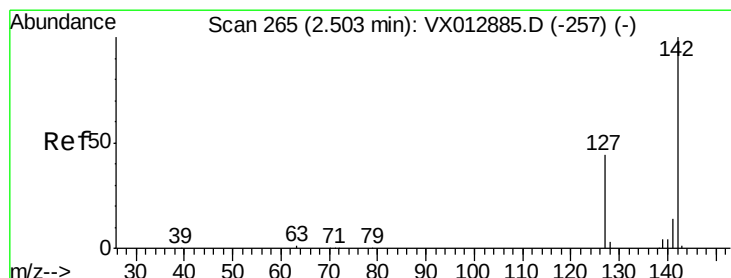
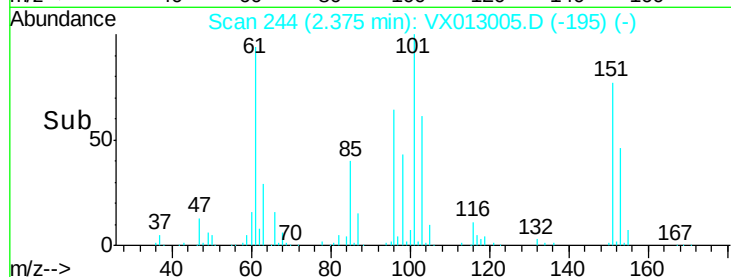
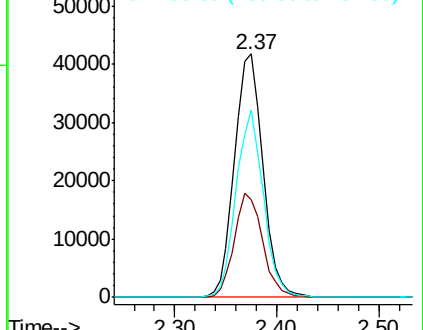
151 73.5 60.3 90.5



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: 55.543 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

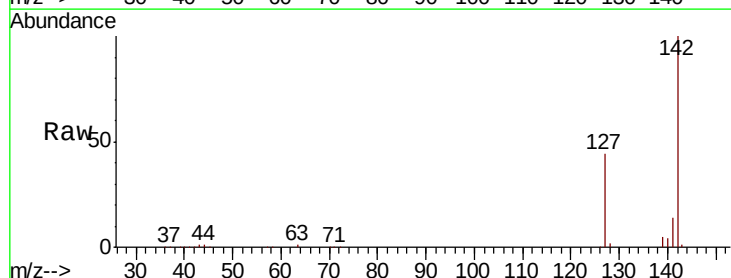
Tgt Ion:142 Resp: 100969

Ion Ratio Lower Upper

142 100

127 44.0 34.9 52.3

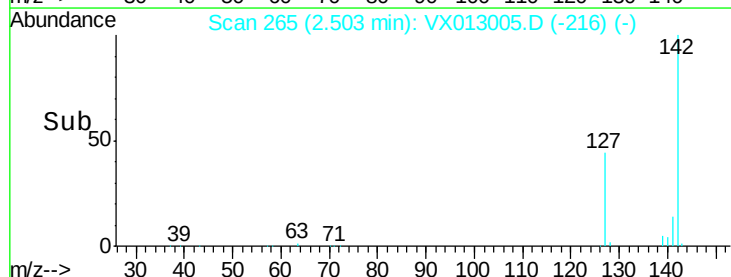
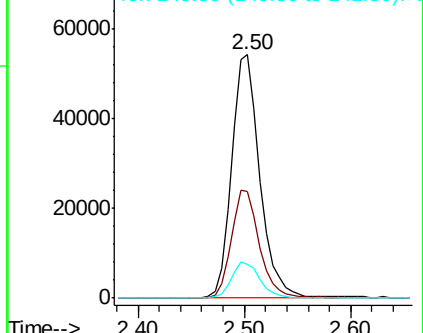
141 14.8 11.6 17.4

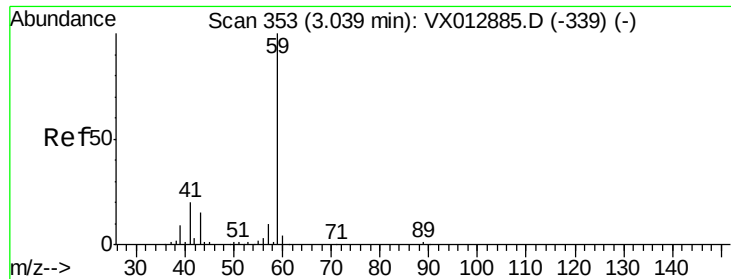


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



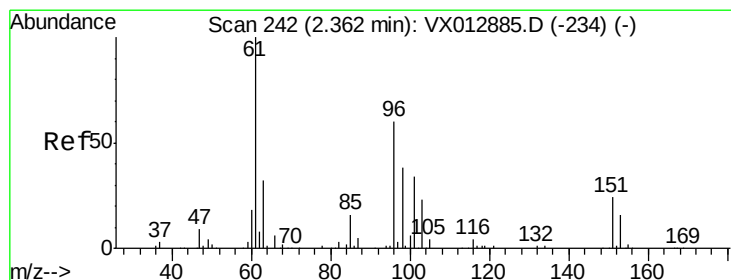
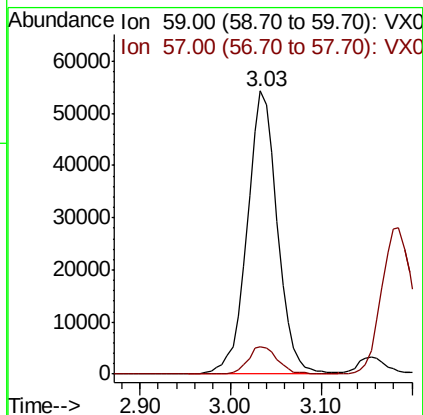
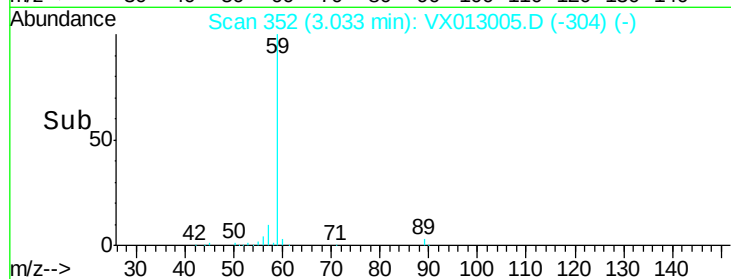
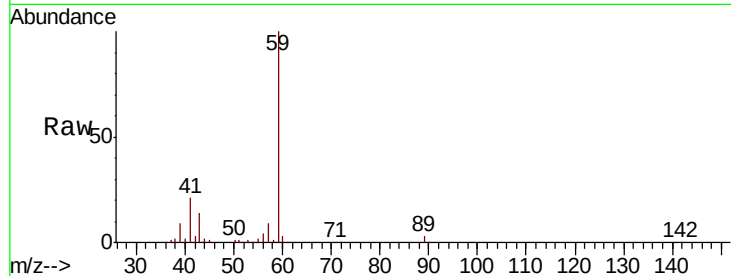


#11

Tert butyl alcohol
 Concen: 238.455 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MSD

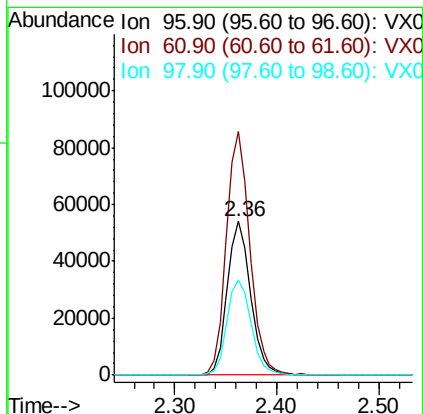
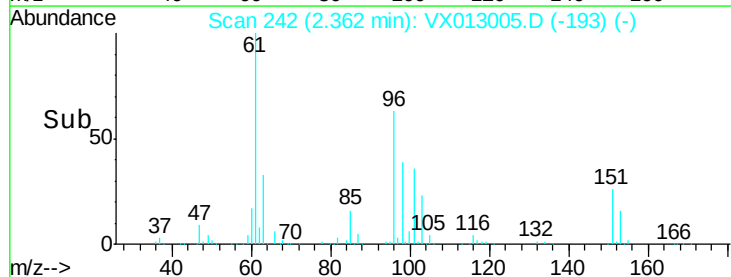
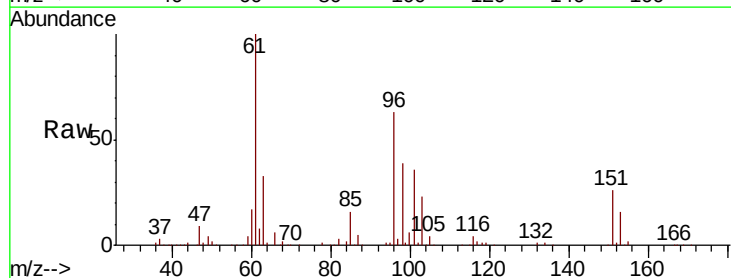
Tot Ion: 59 Resp: 125337
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.3 12.5

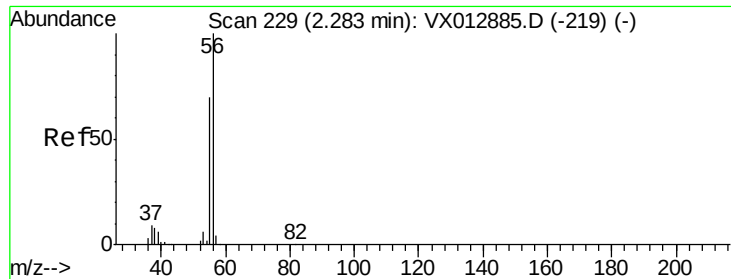


#12

1,1-Dichloroethene
 Concen: 53.418 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Tgt Ion: 96 Resp: 85637
 Ion Ratio Lower Upper
 96 100
 61 158.5 132.2 198.4
 98 62.1 50.5 75.7





#13

Acrolein

Concen: 251.354 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

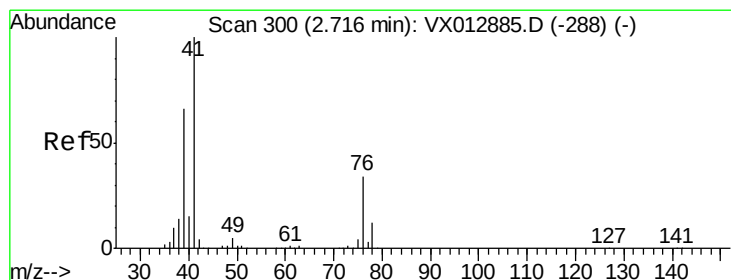
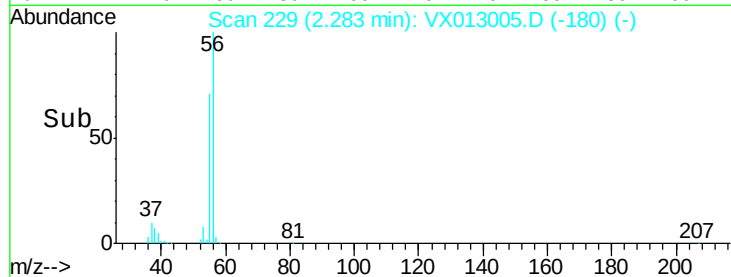
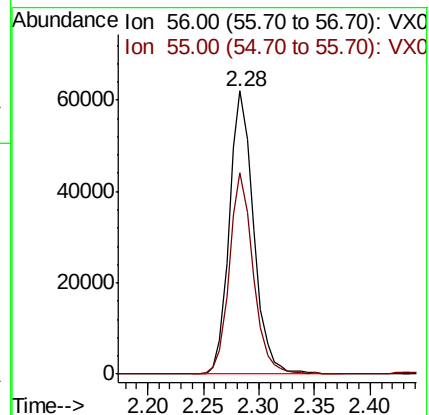
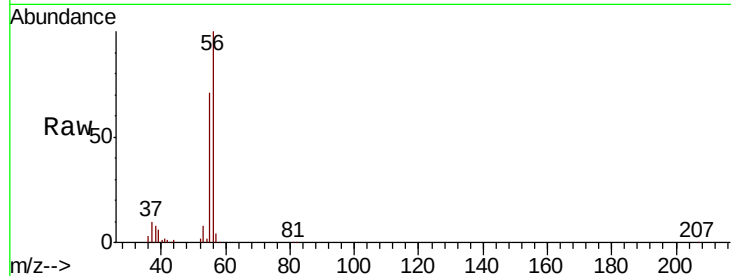
S49-0555MSD

Tot Ion: 56 Resp: 93890

Ion Ratio Lower Upper

56 100

55 70.2 56.6 85.0



#14

Allyl chloride

Concen: 52.568 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

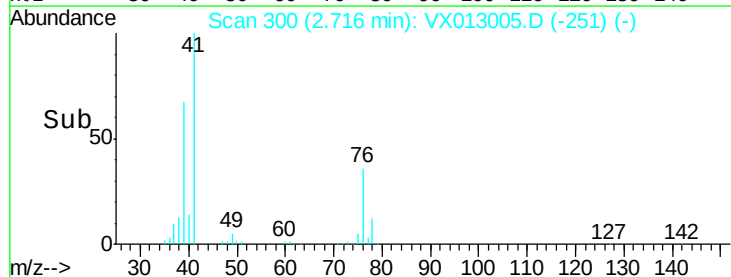
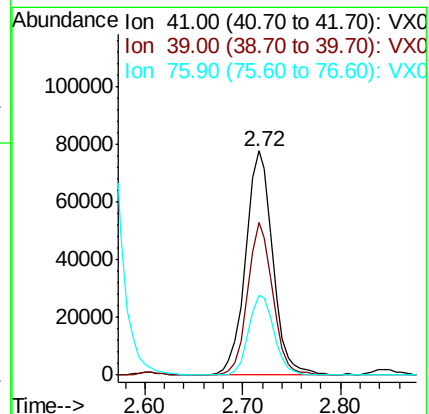
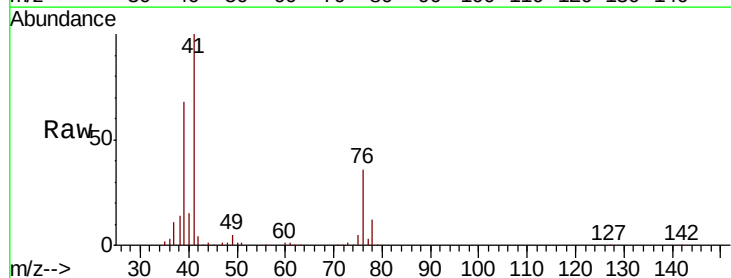
Tgt Ion: 41 Resp: 150080

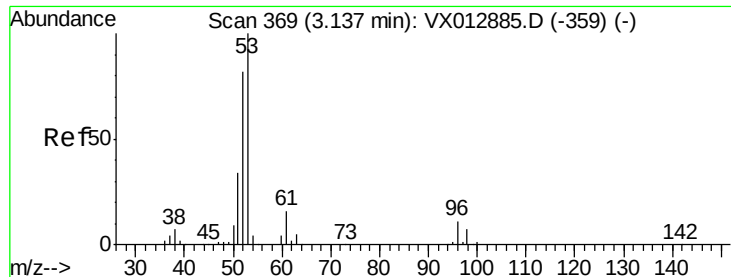
Ion Ratio Lower Upper

41 100

39 62.9 51.0 76.6

76 33.5 26.2 39.4





#15

Acrylonitrile

Concen: 273.433 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MSD

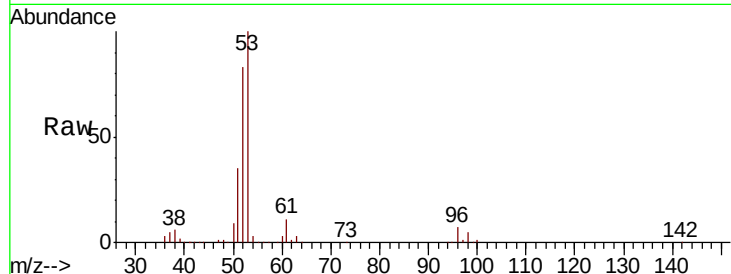
Tot Ion: 53 Resp: 272364

Ion Ratio Lower Upper

53 100

52 84.0 66.2 99.2

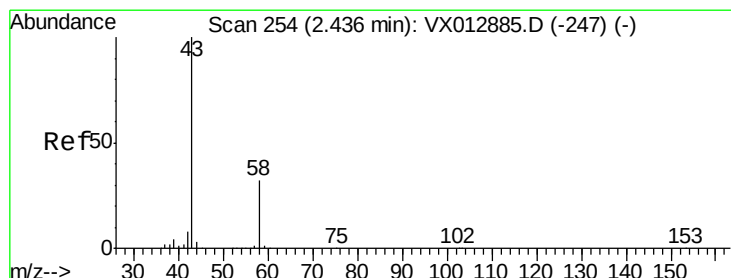
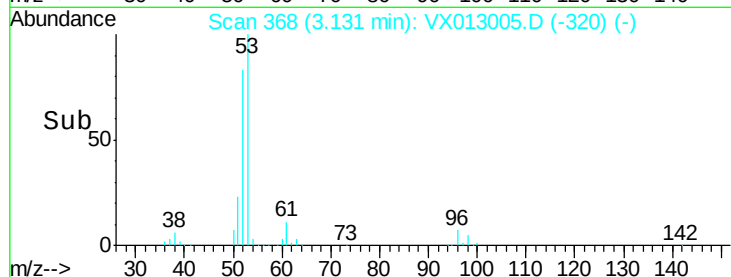
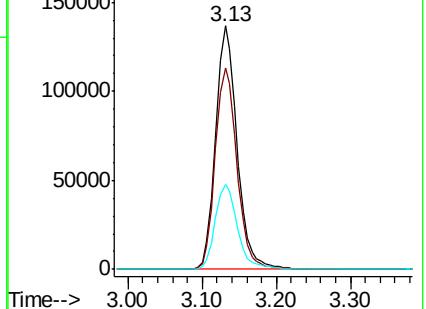
51 36.6 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 217.252 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013005.D

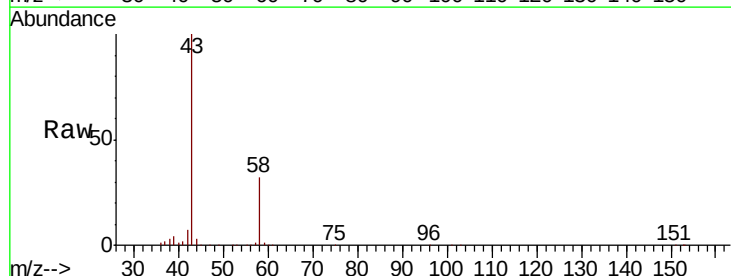
Acq: 10 Oct 2019 18:50

Tgt Ion: 43 Resp: 227057

Ion Ratio Lower Upper

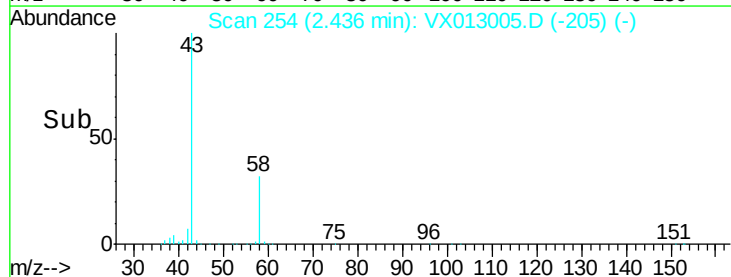
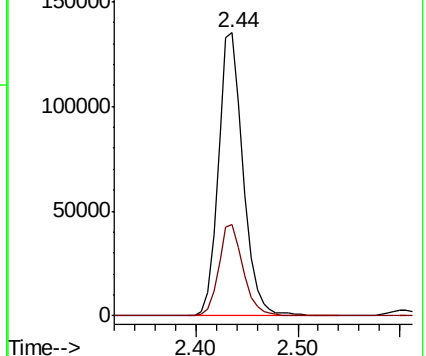
43 100

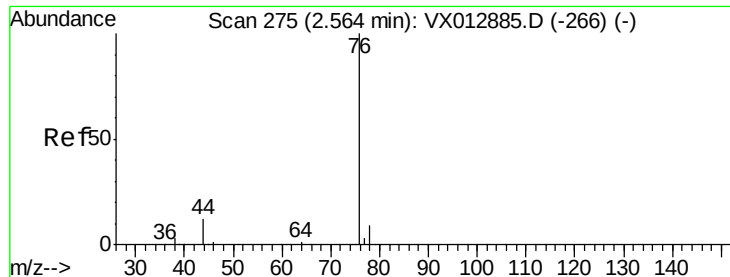
58 32.5 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.639 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

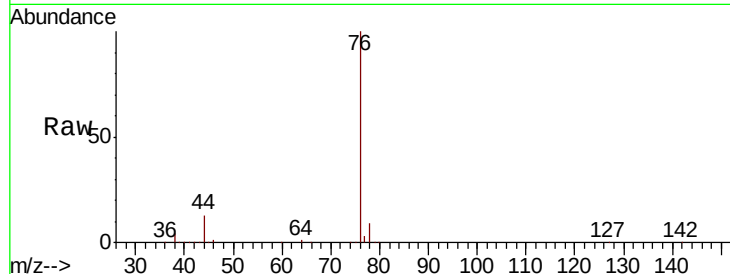
S49-0555MSD

Tot Ion: 76 Resp: 222338

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

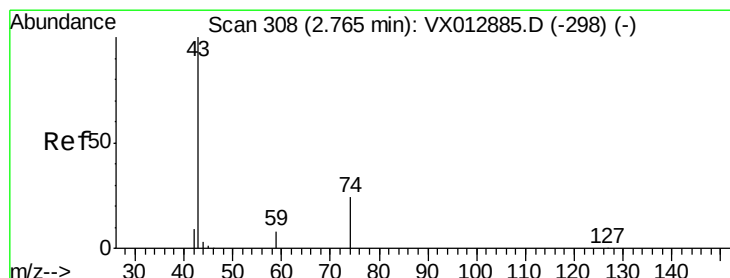
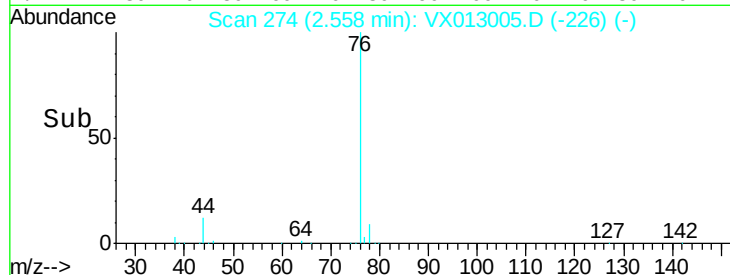
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.643 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX013005.D

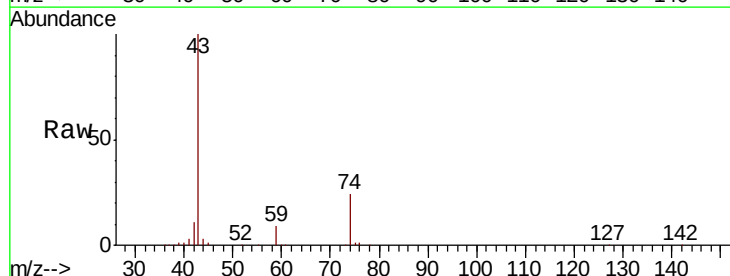
Acq: 10 Oct 2019 18:50

Tgt Ion: 43 Resp: 122978

Ion Ratio Lower Upper

43 100

74 24.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

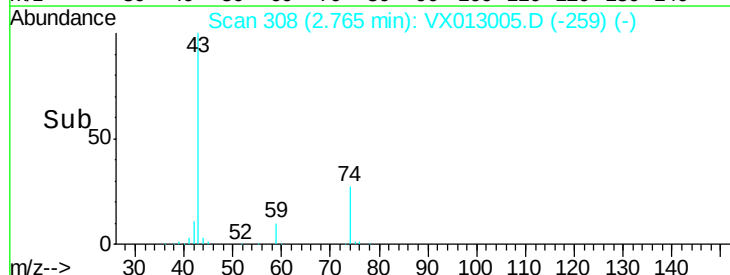
60000

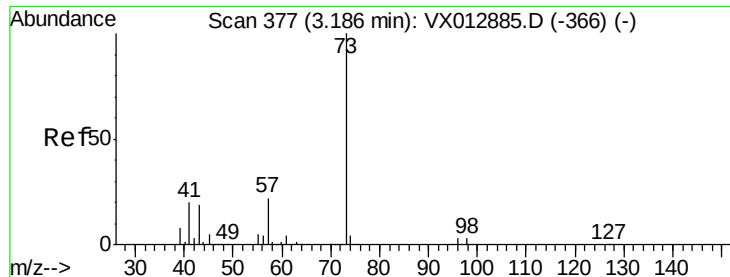
40000

20000

0

Time-->



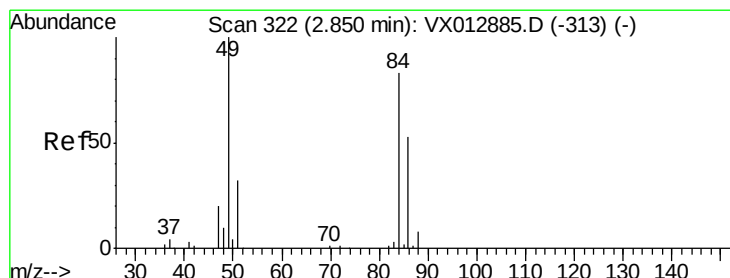
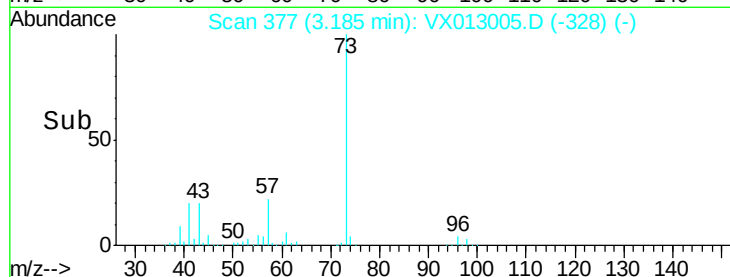
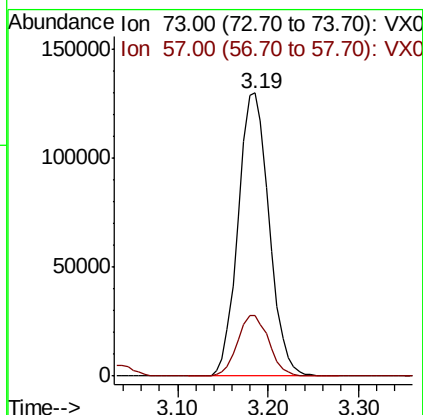
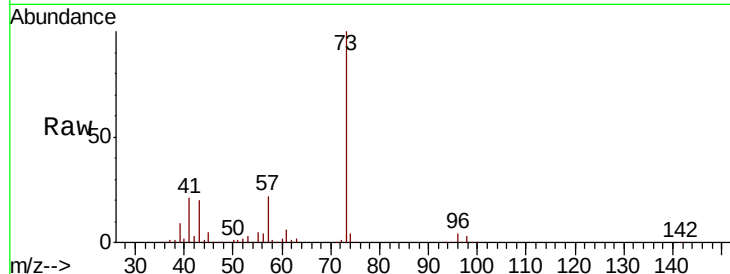


#19

Methyl tert-butyl Ether
 Concen: 55.675 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Instrument :
 MSVOA_X
 ClientSampled :
 S49-0555MSD

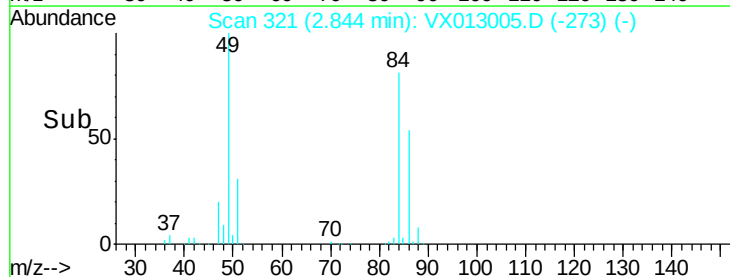
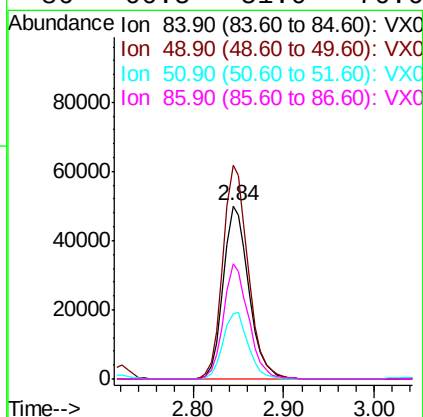
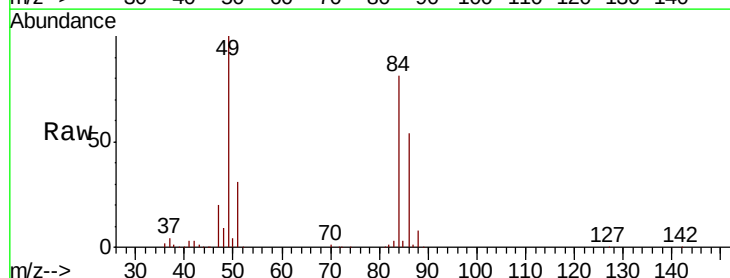
Tot Ion: 73 Resp: 308229
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.8 26.6

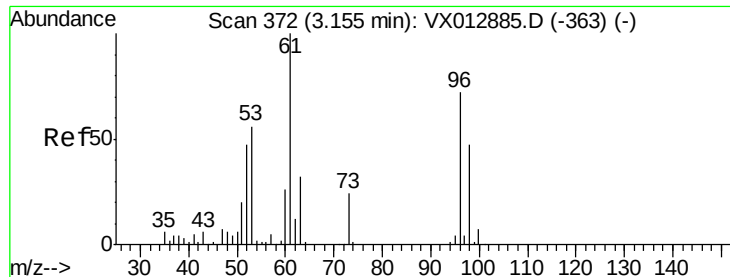


#20

Methylene Chloride
 Concen: 50.983 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Tgt Ion: 84 Resp: 97926
 Ion Ratio Lower Upper
 84 100
 49 123.4 96.6 144.8
 51 37.8 30.7 46.1
 86 66.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 77.743 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

S49-0555MSD

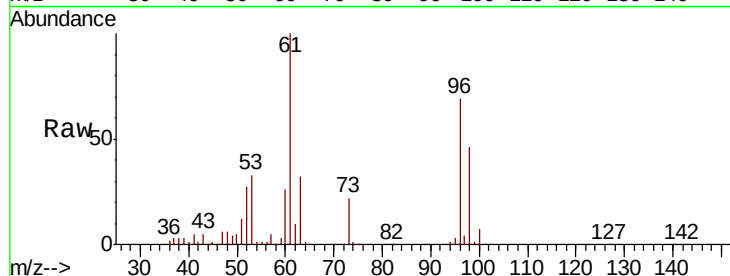
Tot Ion: 96 Resp: 133583

Ion Ratio Lower Upper

96 100

61 144.2 110.4 165.6

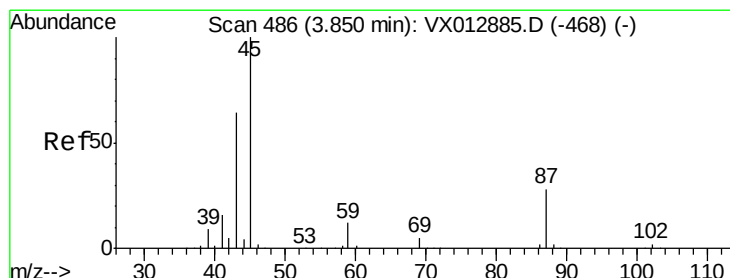
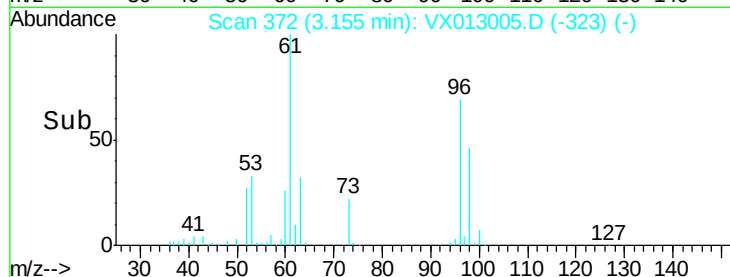
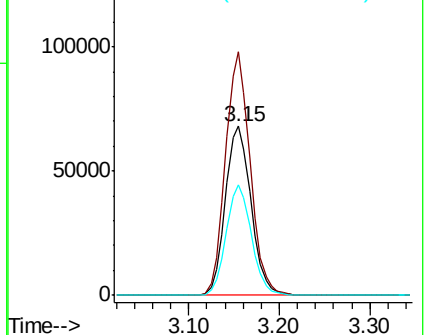
98 65.8 51.5 77.3



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



#22

Diisopropyl ether

Concen: 54.903 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Tgt Ion: 45 Resp: 300355

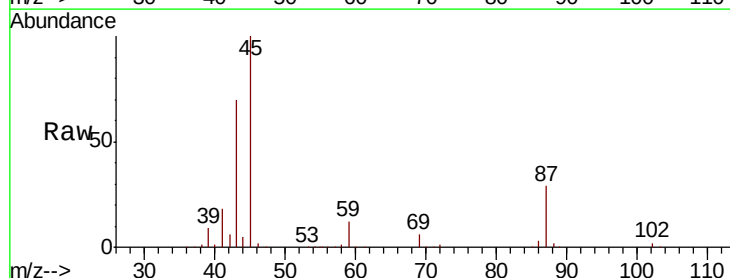
Ion Ratio Lower Upper

45 100

43 70.2 51.4 77.0

87 28.8 22.5 33.7

59 11.6 9.7 14.5

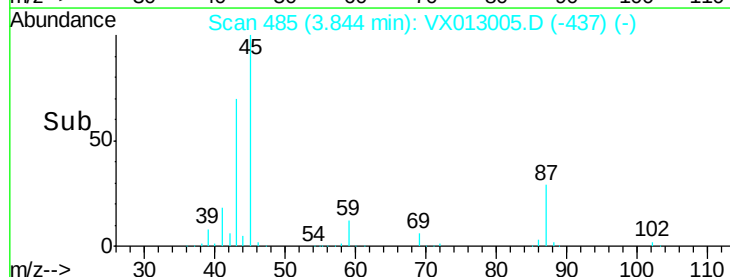
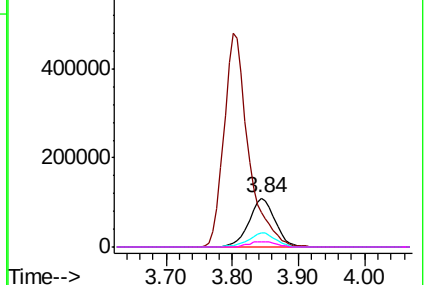


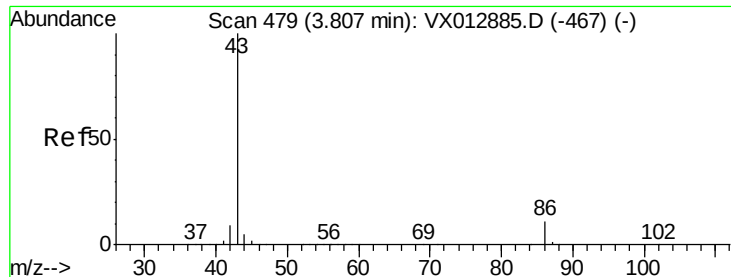
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 261.014 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

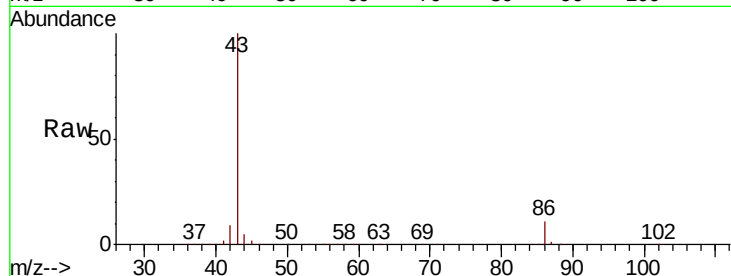
S49-0555MSD

Tot Ion: 43 Resp: 1232678

Ion Ratio Lower Upper

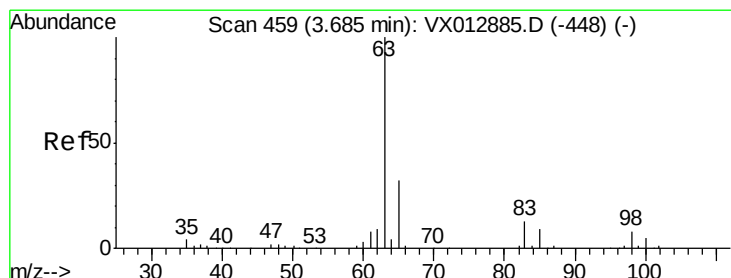
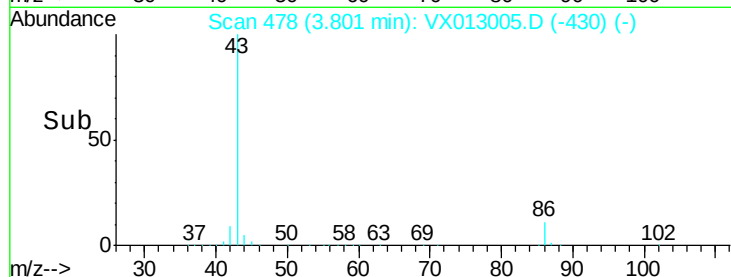
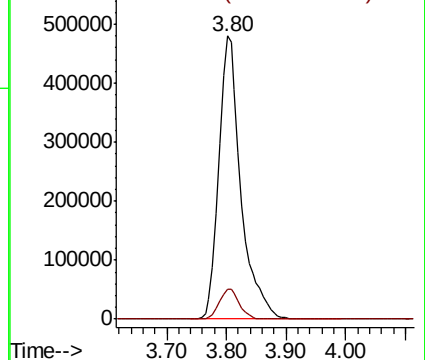
43 100

86 10.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 56.425 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

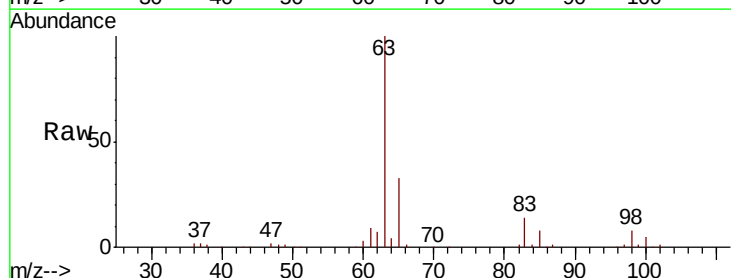
Tgt Ion: 63 Resp: 173657

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

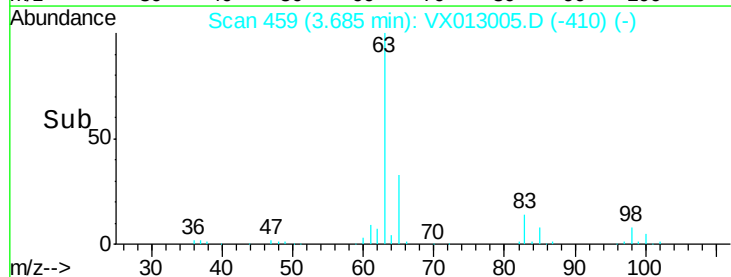
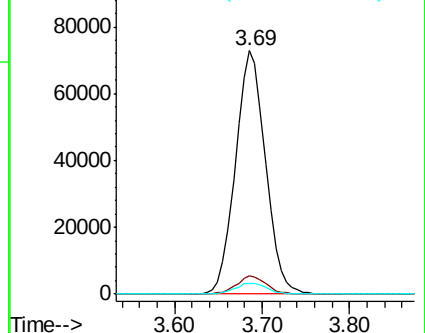
100 4.6 2.3 6.9

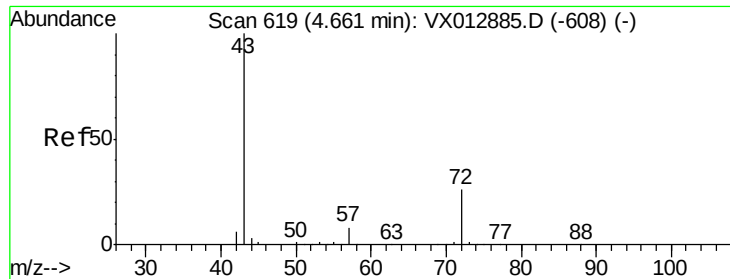


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 256.221 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

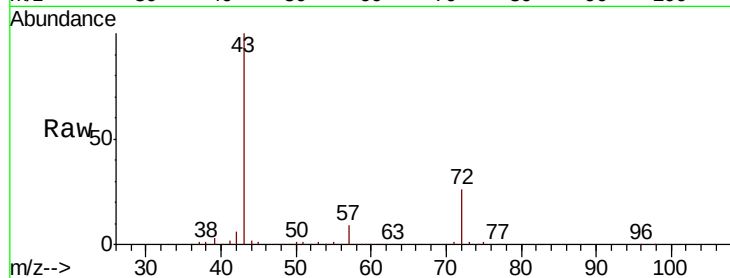
S49-0555MSD

Tot Ion: 43 Resp: 371514

Ion Ratio Lower Upper

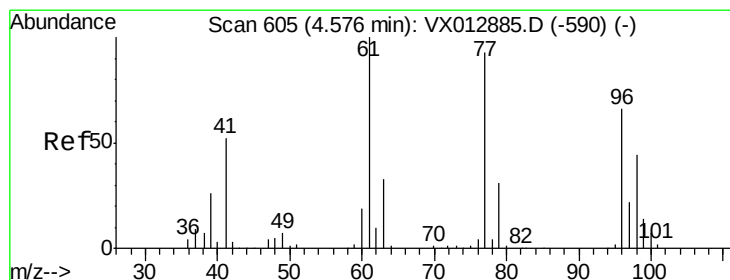
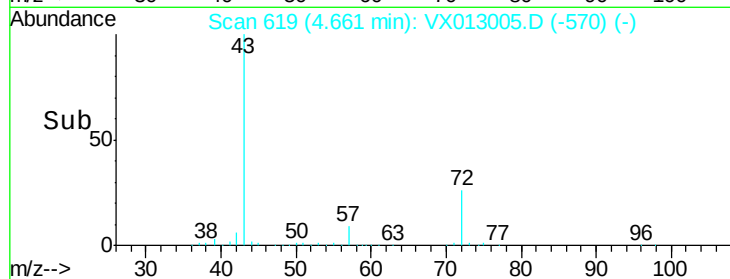
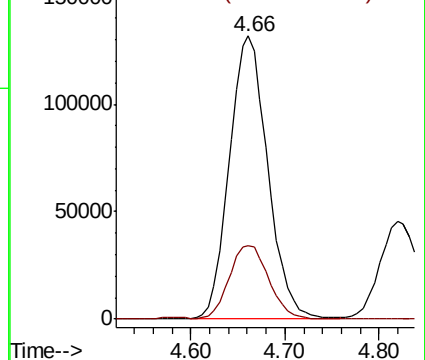
43 100

72 26.0 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.595 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013005.D

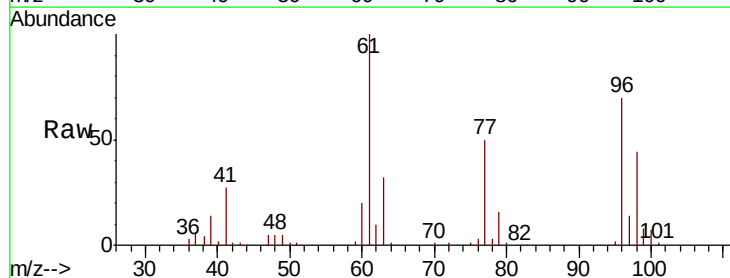
Acq: 10 Oct 2019 18:50

Tgt Ion: 77 Resp: 120590

Ion Ratio Lower Upper

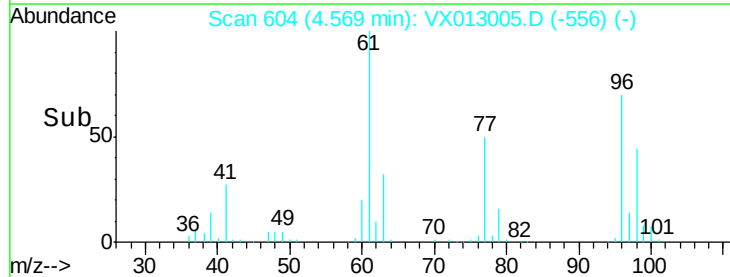
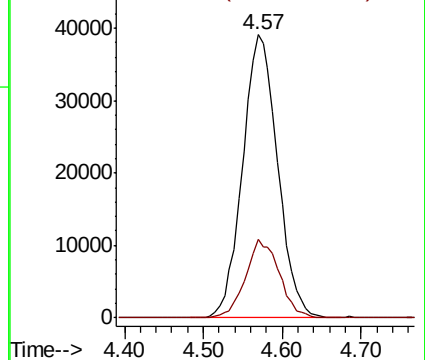
77 100

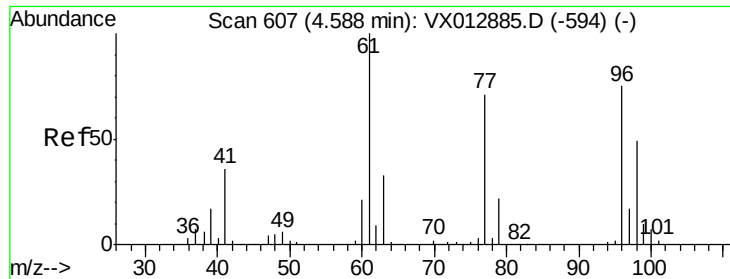
97 26.6 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



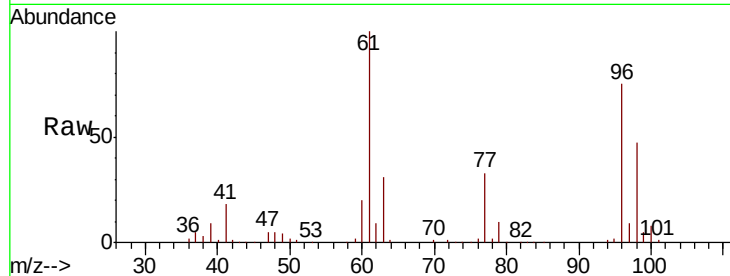


#27

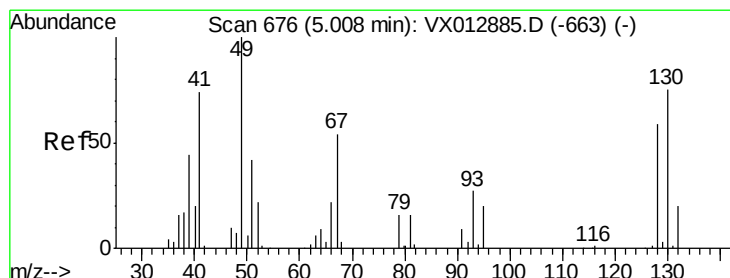
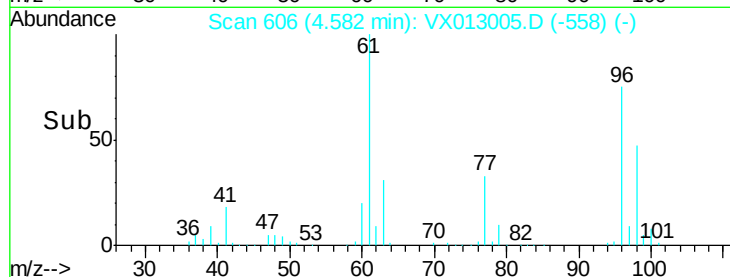
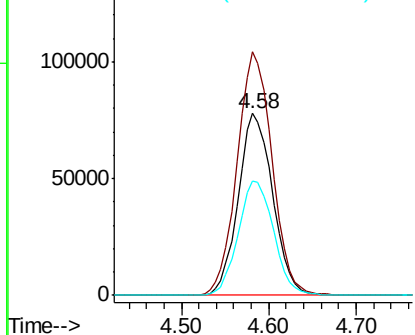
cis-1,2-Dichloroethene
Concen: 107.963 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

Instrument :
MSVOA_X
ClientSampleId :
S49-0555MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	290.6
98	64.4	0.0	128.8



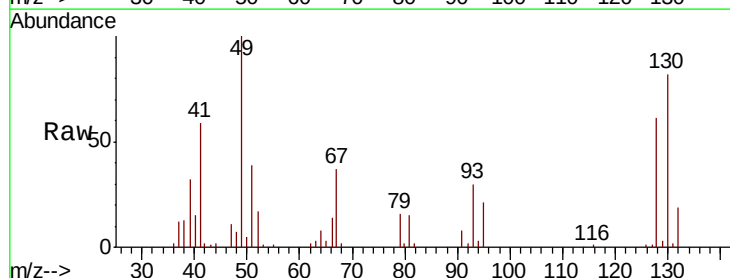
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



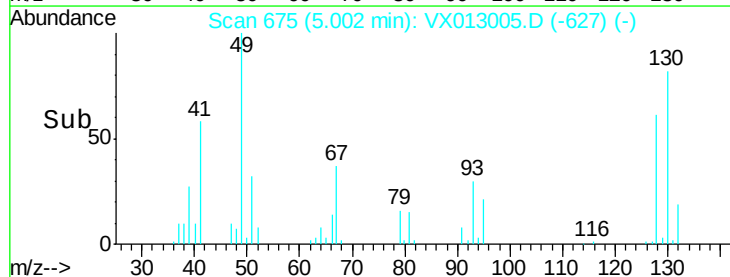
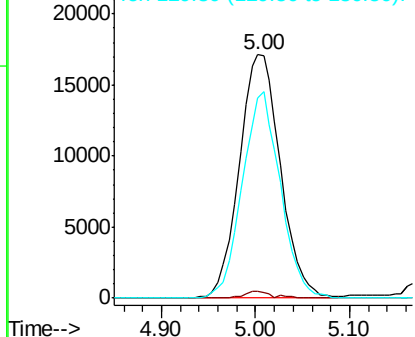
#28

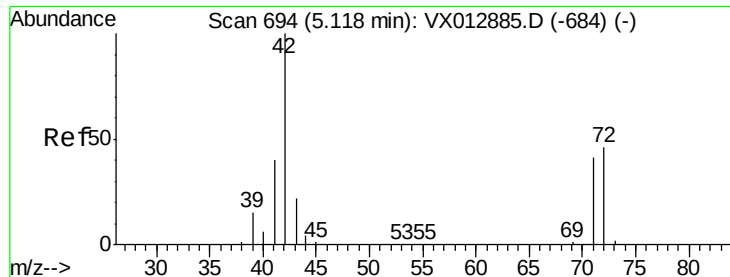
Bromochloromethane
Concen: 56.929 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.2
130	78.4	62.1	93.1



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: 272.418 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MSD

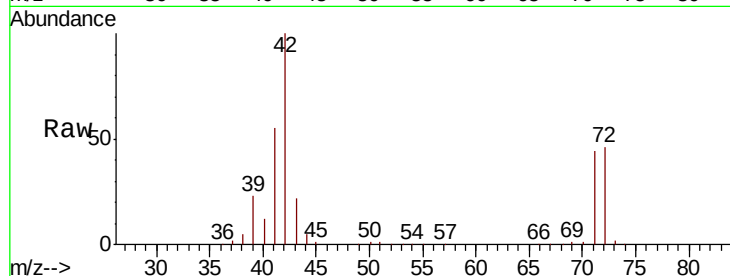
Tot Ion: 42 Resp: 243069

Ion Ratio Lower Upper

42 100

72 46.3 36.9 55.3

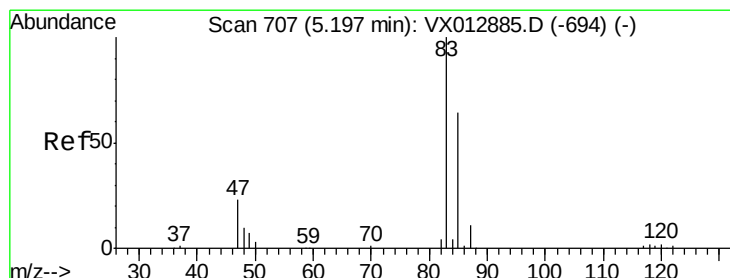
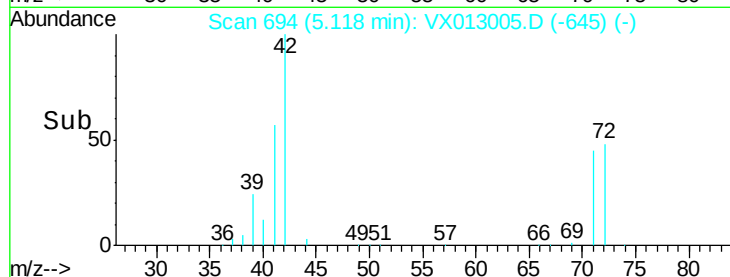
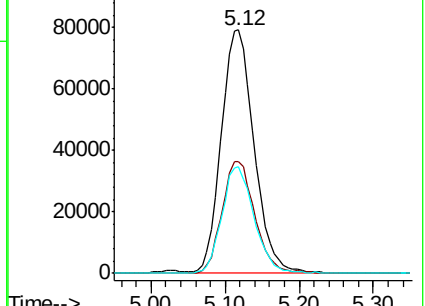
71 43.1 33.5 50.3



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: 53.955 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013005.D

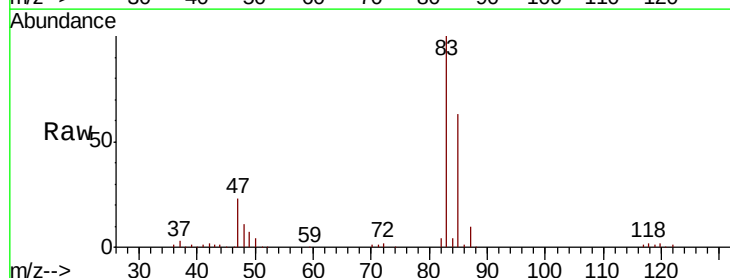
Acq: 10 Oct 2019 18:50

Tgt Ion: 83 Resp: 170386

Ion Ratio Lower Upper

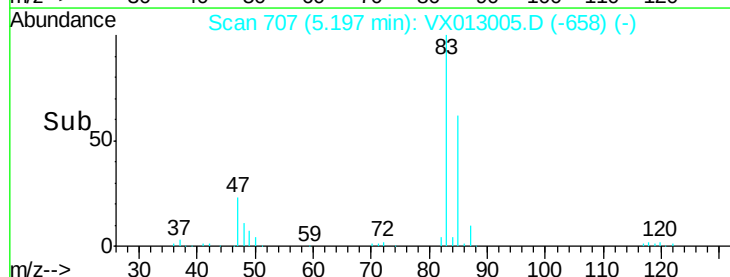
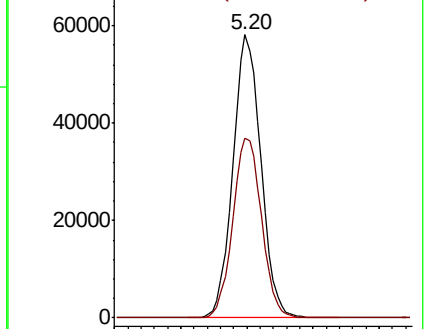
83 100

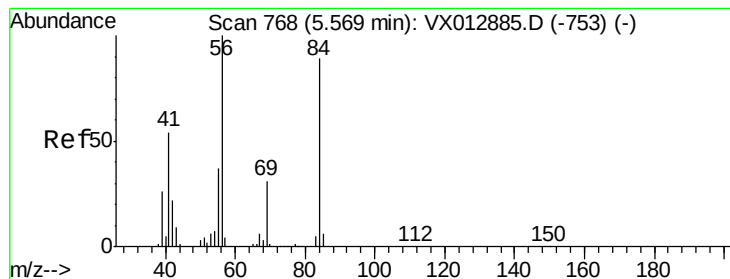
85 63.4 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.985 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MSD

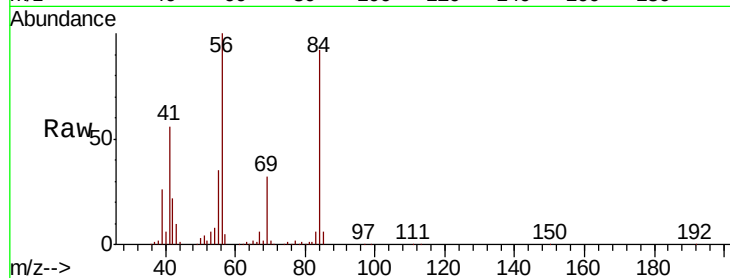
Tot Ion: 56 Resp: 143849

Ion Ratio Lower Upper

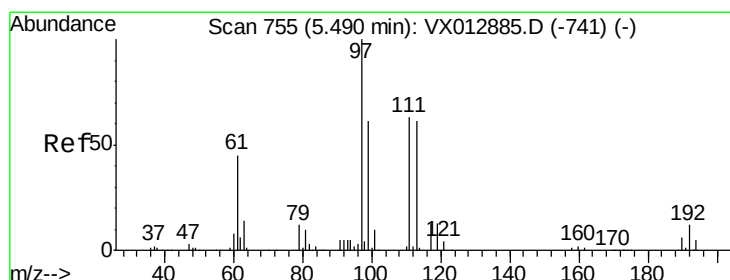
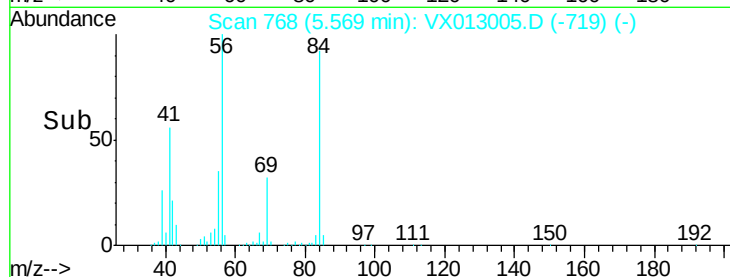
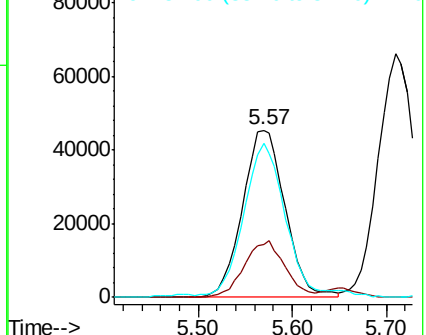
56 100

69 31.7 25.2 37.8

84 90.4 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 55.851 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

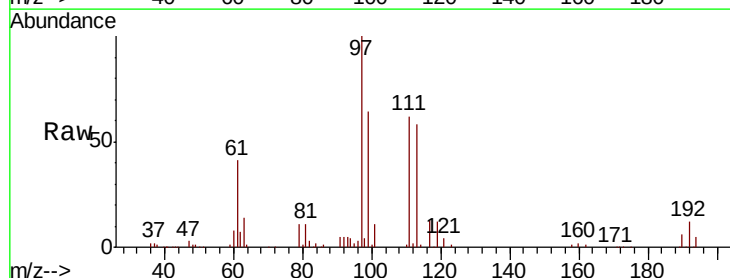
Tgt Ion: 97 Resp: 149442

Ion Ratio Lower Upper

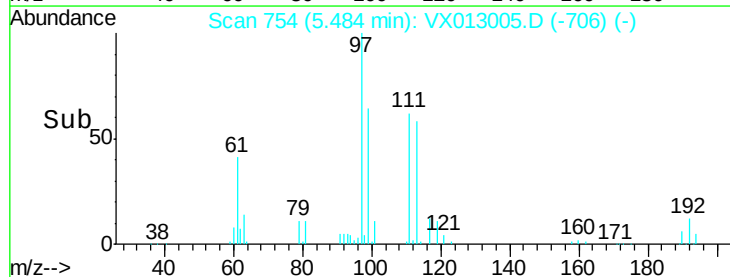
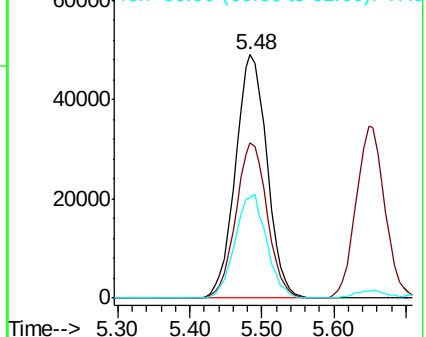
97 100

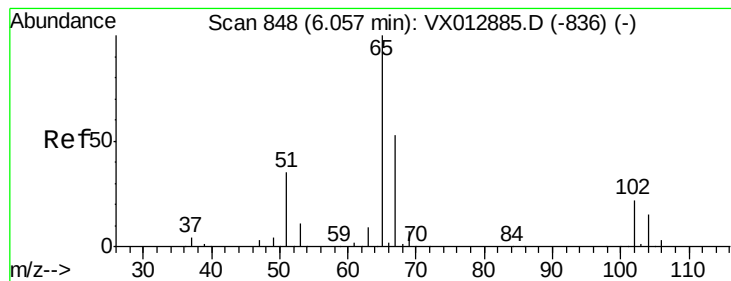
99 63.4 52.3 78.5

61 42.8 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.914 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

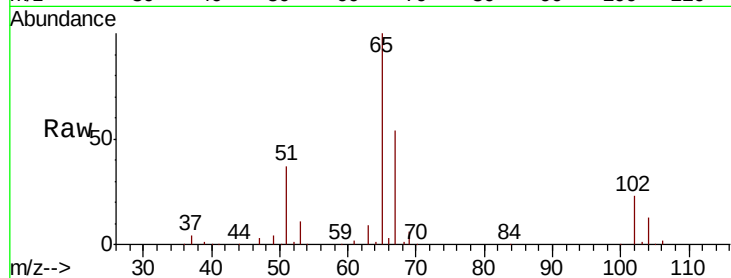
S49-0555MSD

Tot Ion: 65 Resp: 106901

Ion Ratio Lower Upper

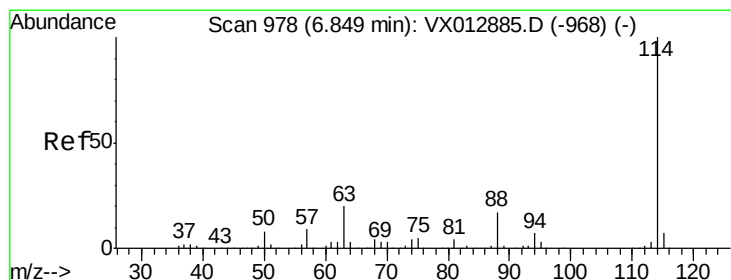
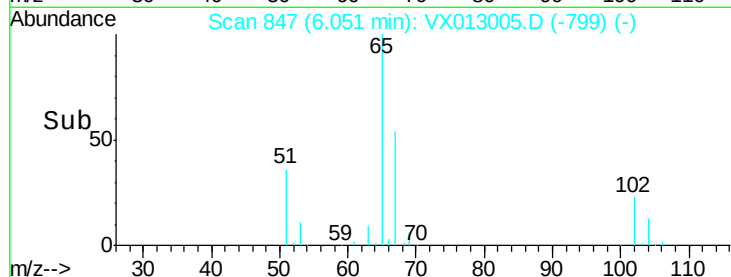
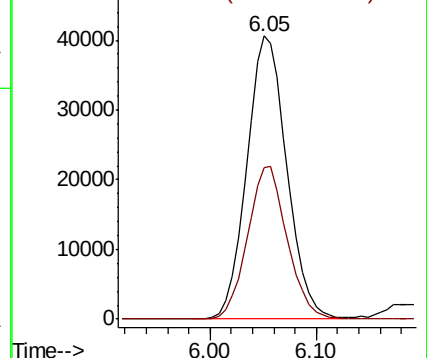
65 100

67 53.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

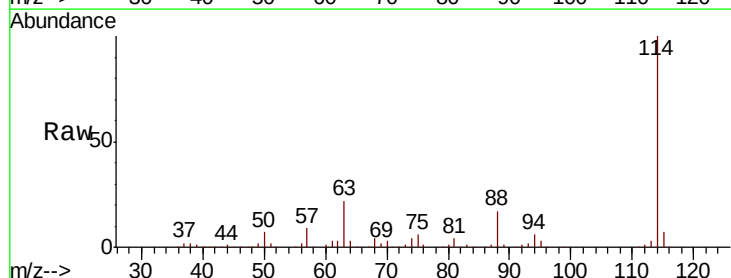
Tgt Ion: 114 Resp: 273230

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.8

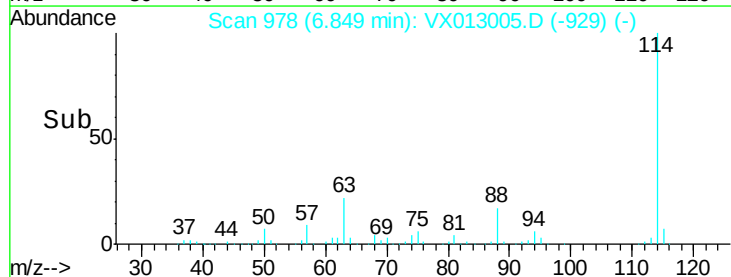
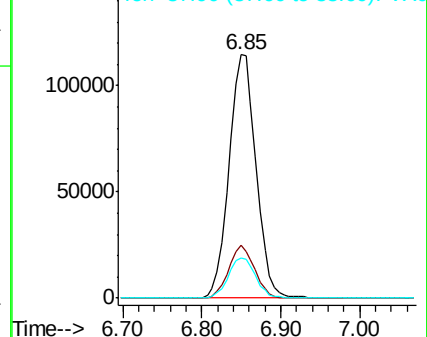
88 16.6 0.0 33.8

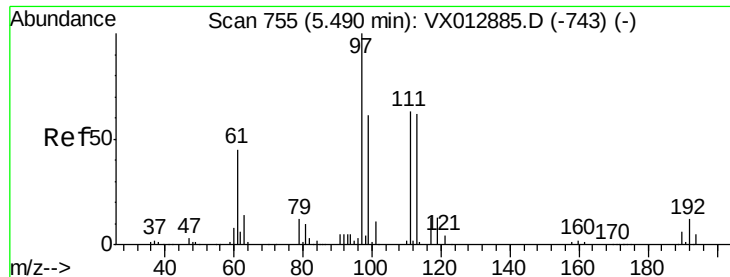


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

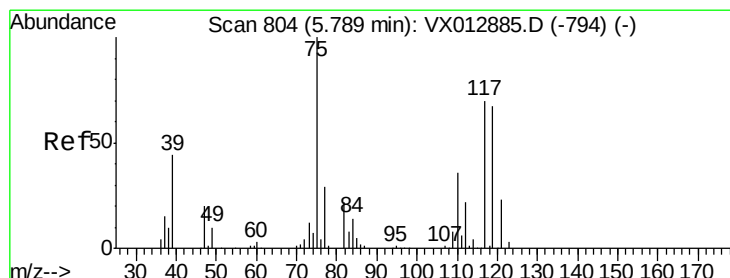
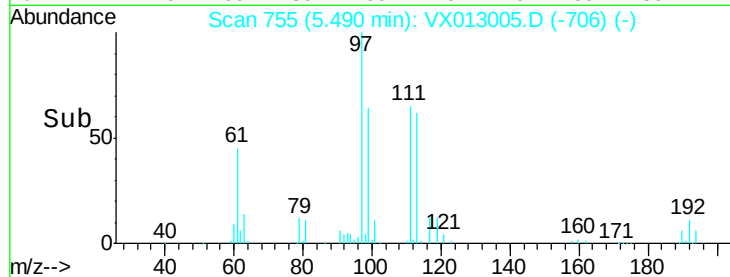
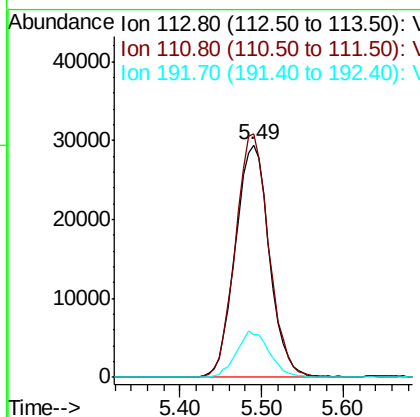
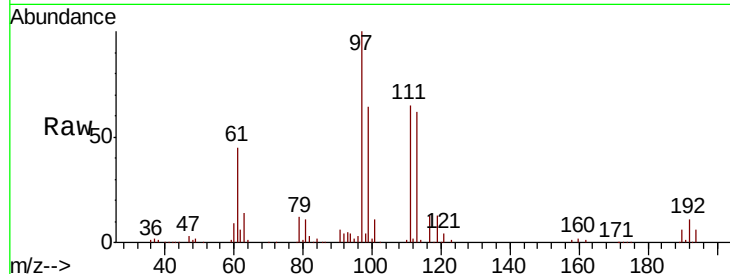




#35
 Dibromofluoromethane
 Concen: 54.350 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

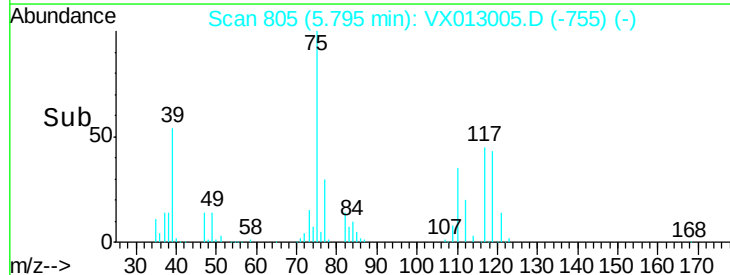
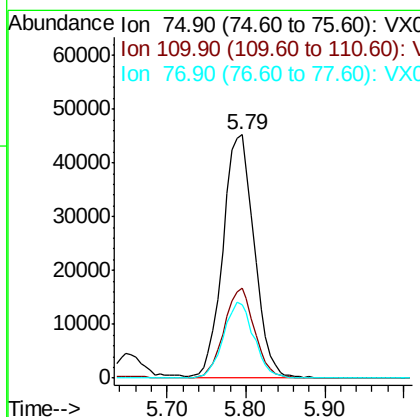
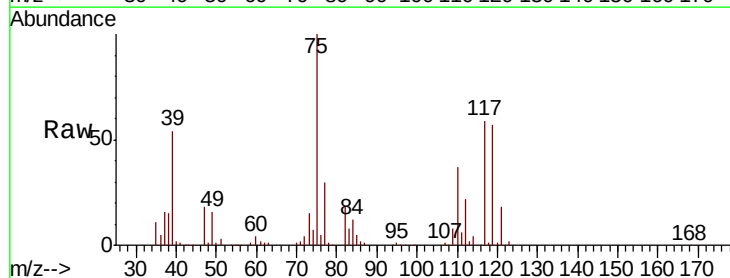
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MSD

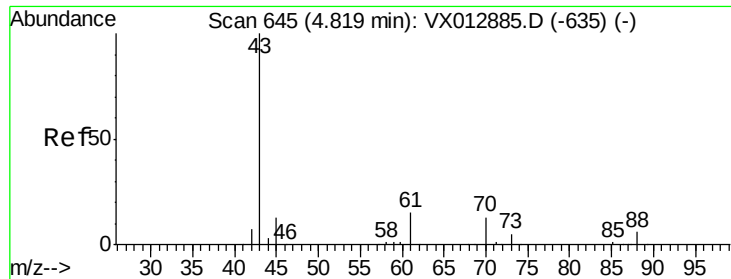
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.2	124.8
192	19.3	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 51.864 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.6	52.9
77	30.6	24.4	36.6

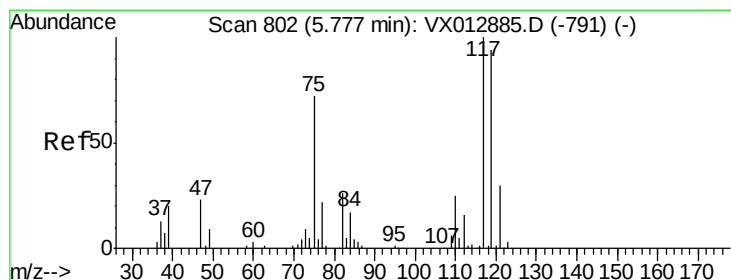
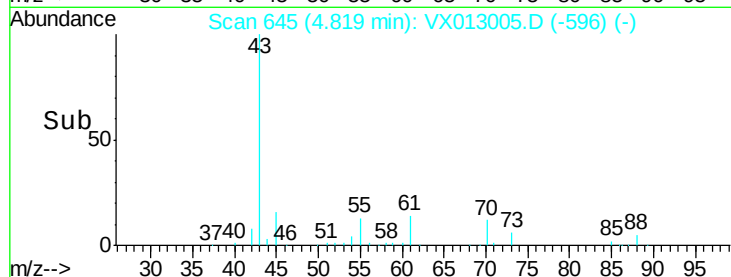
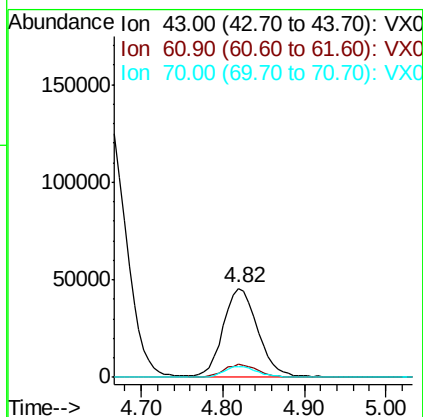
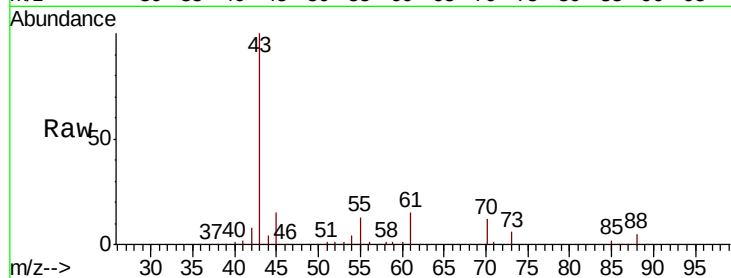




#37
Ethyl Acetate
Concen: 49.544 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

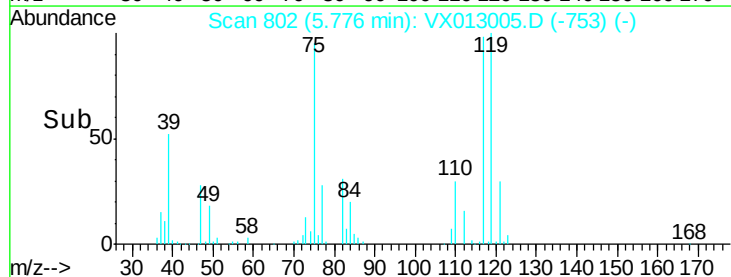
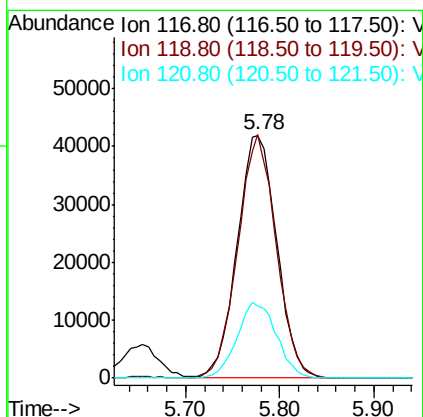
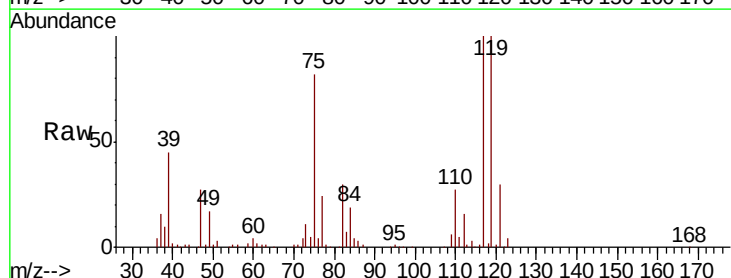
Instrument :
MSVOA_X
ClientSampleId :
S49-0555MSD

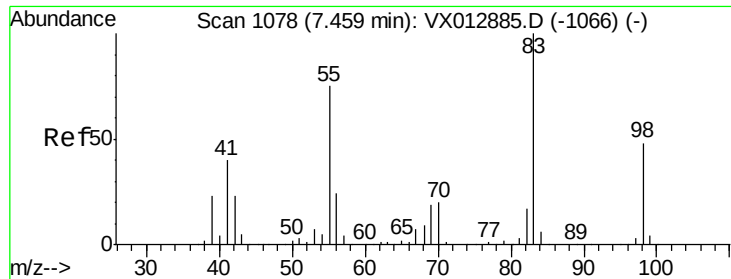
Tot Ion: 43 Resp: 133083
Ion Ratio Lower Upper
43 100
61 14.0 11.4 17.0
70 12.1 9.8 14.6



#38
Carbon Tetrachloride
Concen: 52.609 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

Tgt Ion: 117 Resp: 123010
Ion Ratio Lower Upper
117 100
119 100.5 74.5 111.7
121 29.7 24.2 36.4

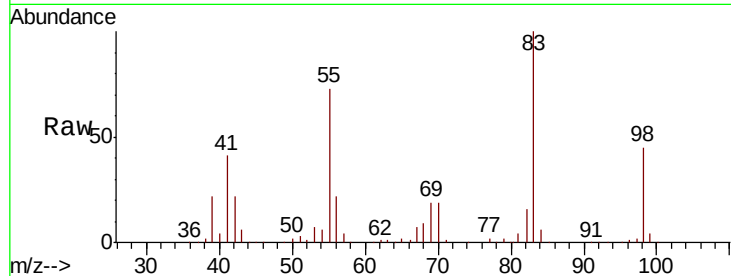




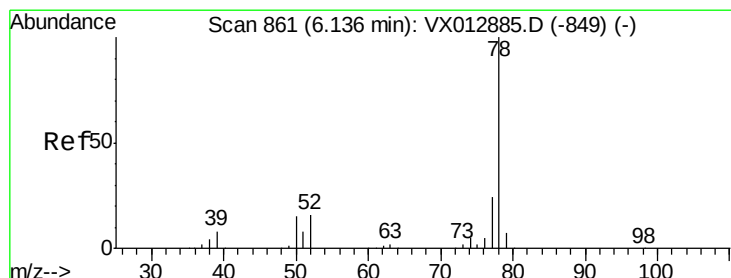
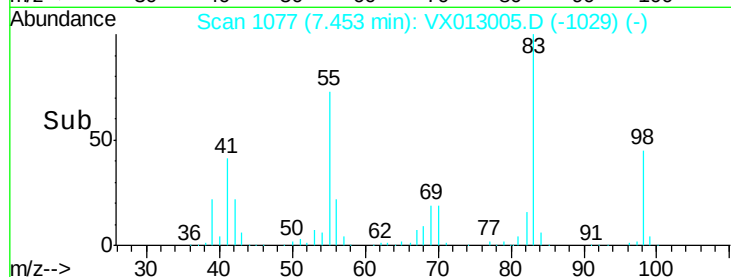
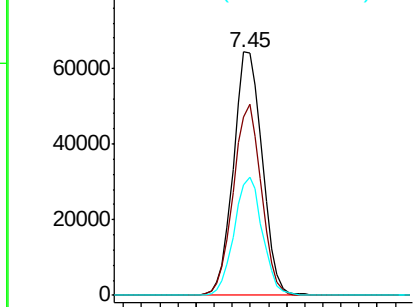
#39
Methylvlcyclohexane
Concen: 48.746 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

Instrument :
MSVOA_X
ClientSampleId :
S49-0555MSD

Tot Ion: 83 Resp: 142012
Ion Ratio Lower Upper
83 100
55 73.1 60.2 90.4
98 45.2 38.5 57.7

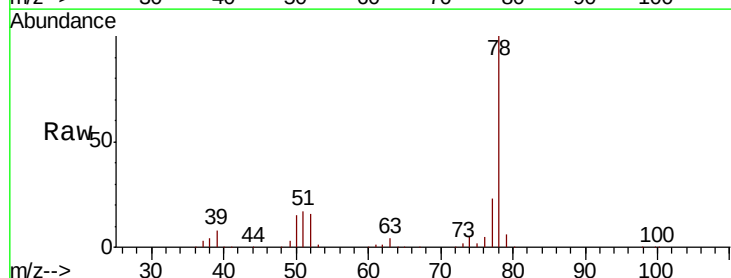


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

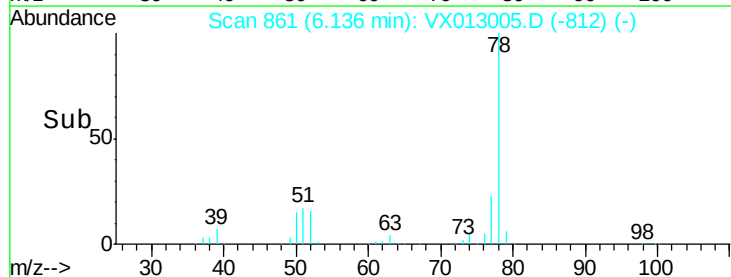
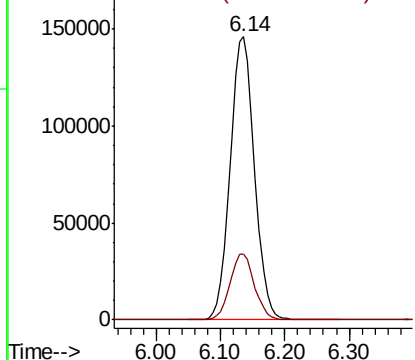


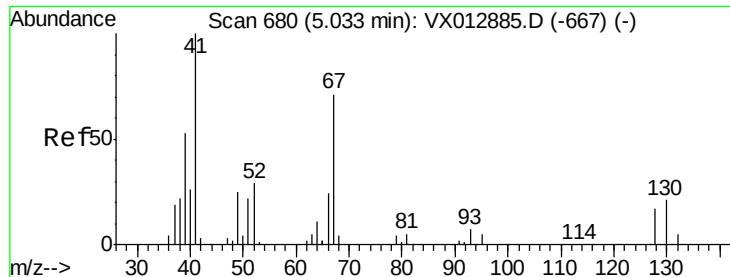
#40
Benzene
Concen: 54.454 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

Tgt Ion: 78 Resp: 386358
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

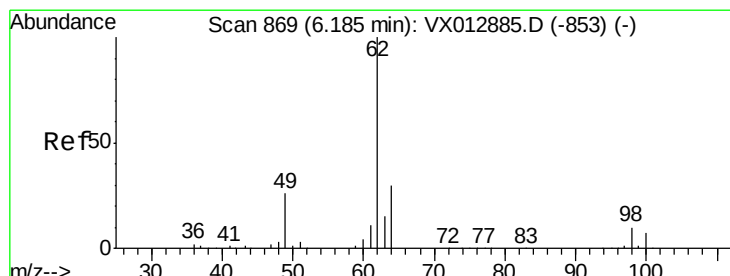
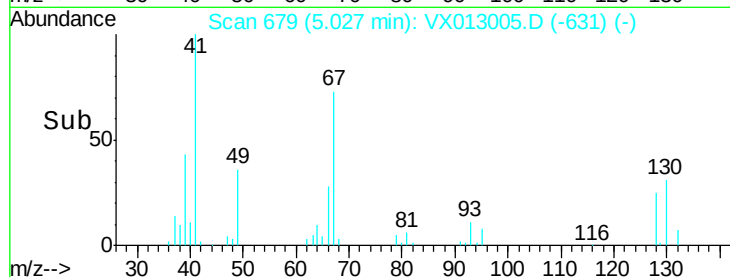
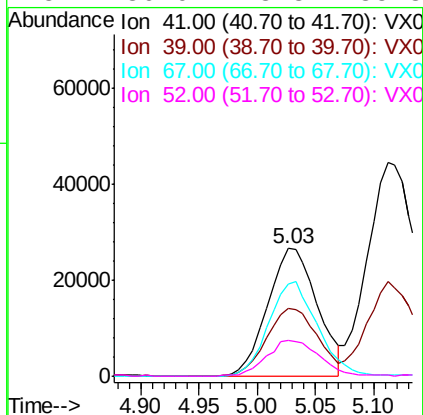
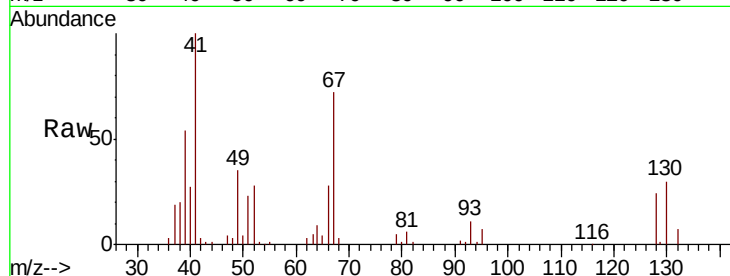




#41
Methacrylonitrile
Concen: 53.370 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

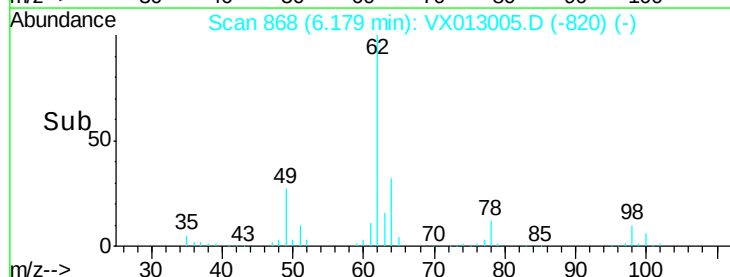
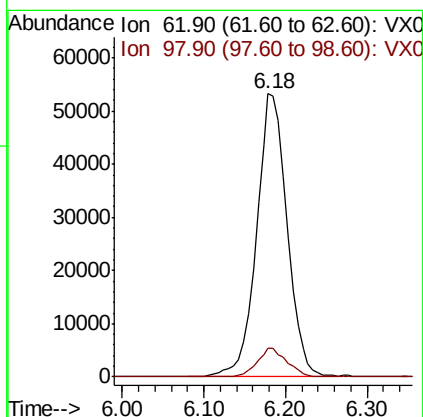
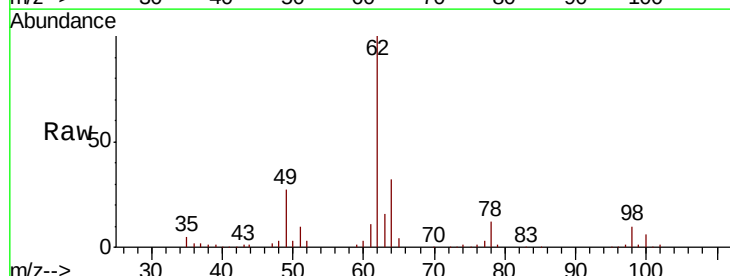
Instrument :
MSVOA_X
ClientSampleId :
S49-0555MSD

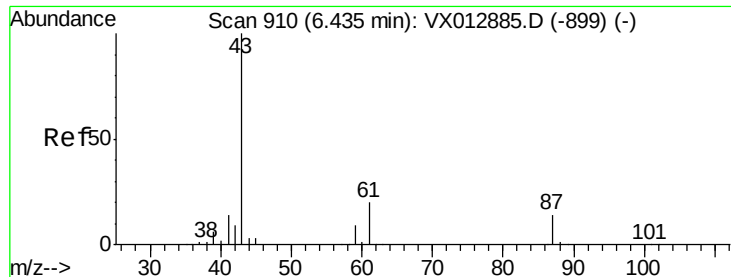
Tot Ion:	41	Resp:	78776
Ion	Ratio	Lower	Upper
41	100		
39	54.6	44.0	66.0
67	73.4	58.5	87.7
52	30.0	23.8	35.8



#42
1,2-Dichloroethane
Concen: 54.627 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

Tgt Ion:	62	Resp:	139075
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.4





#43

Isopropyl Acetate

Concen: 51.824 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MSD

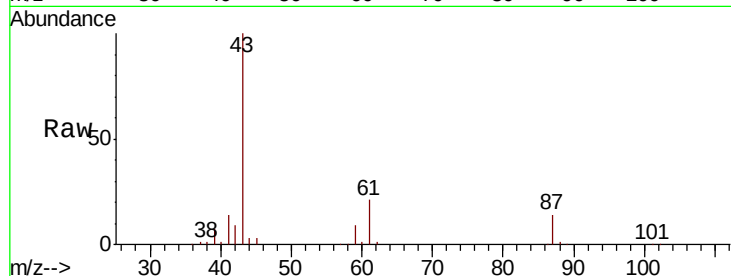
Tot Ion: 43 Resp: 223436

Ion Ratio Lower Upper

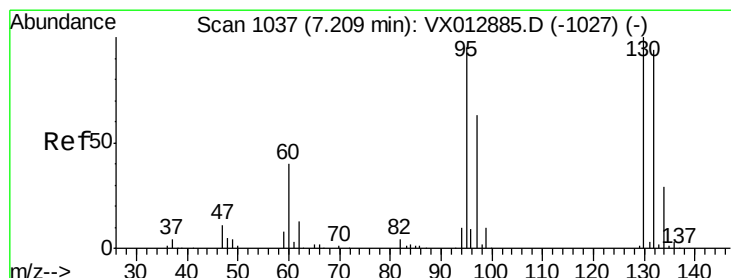
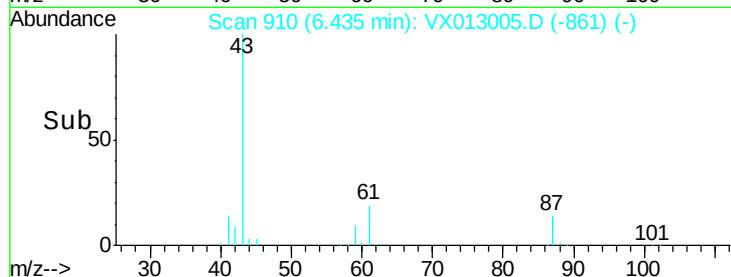
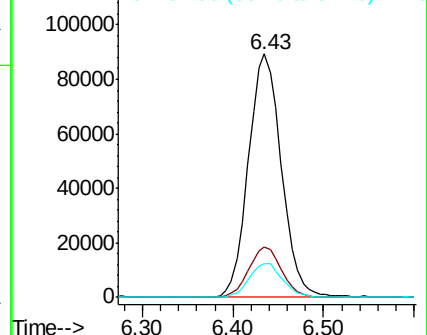
43 100

61 20.8 16.6 24.8

87 14.2 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 67.567 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013005.D

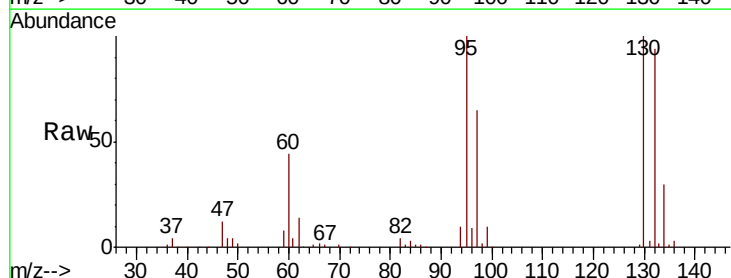
Acq: 10 Oct 2019 18:50

Tgt Ion:130 Resp: 132937

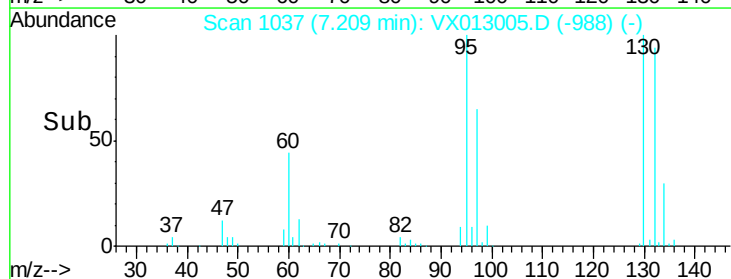
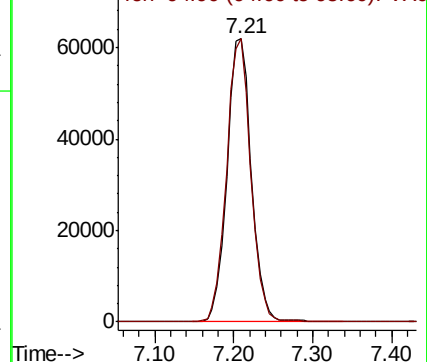
Ion Ratio Lower Upper

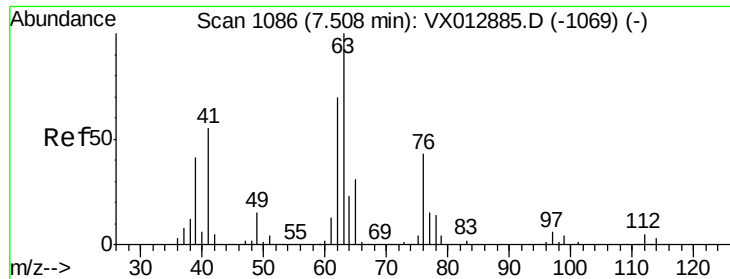
130 100

95 100.0 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 55.083 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

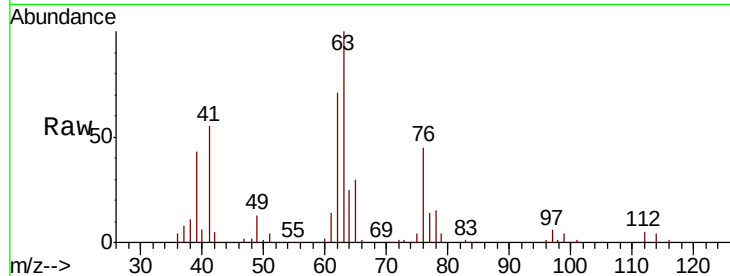
S49-0555MSD

Tot Ion: 63 Resp: 99607

Ion Ratio Lower Upper

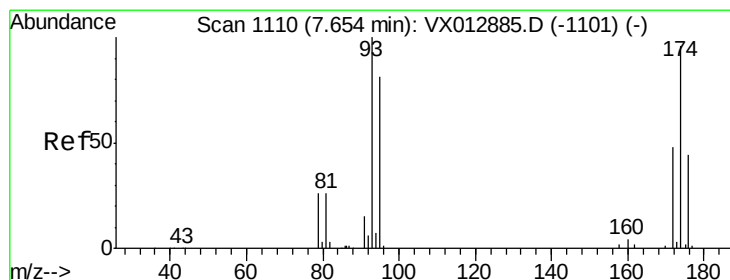
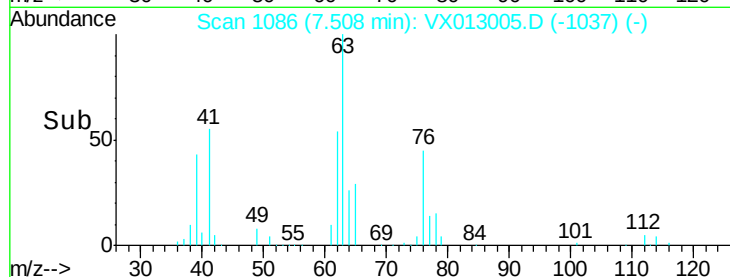
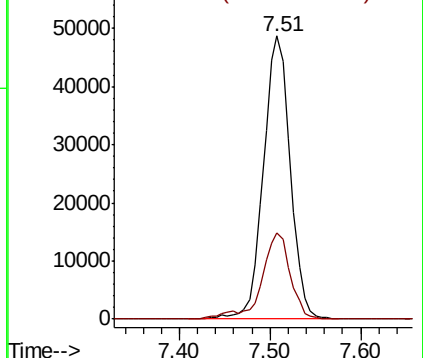
63 100

65 30.3 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.950 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

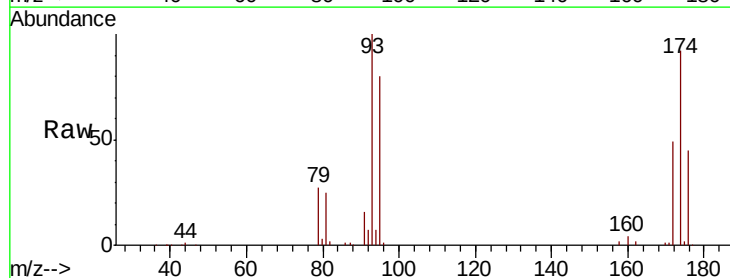
Tgt Ion: 93 Resp: 66203

Ion Ratio Lower Upper

93 100

95 81.9 66.3 99.5

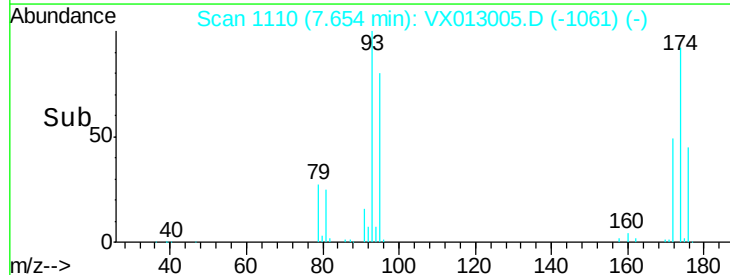
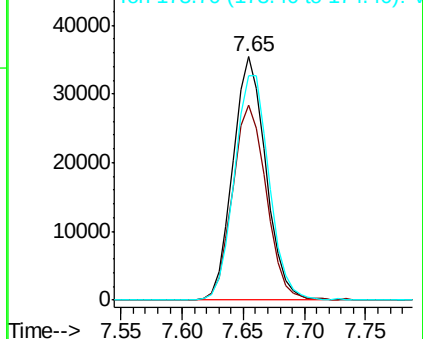
174 97.3 77.8 116.6

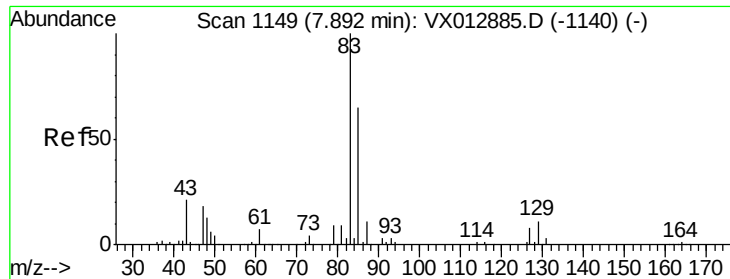


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.335 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MSD

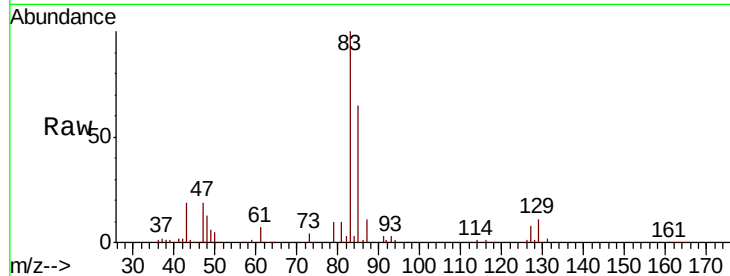
Tot Ion: 83 Resp: 130102

Ion Ratio Lower Upper

83 100

85 64.6 52.4 78.6

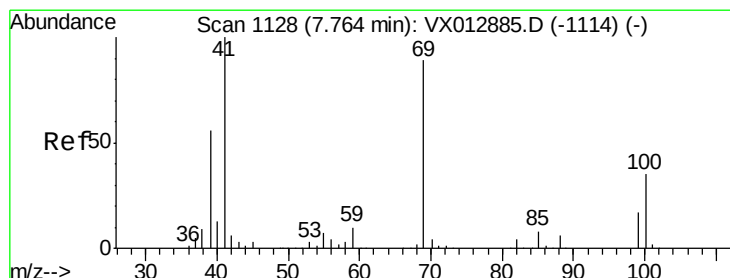
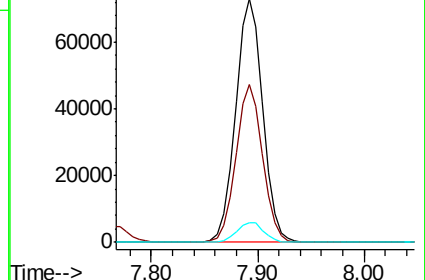
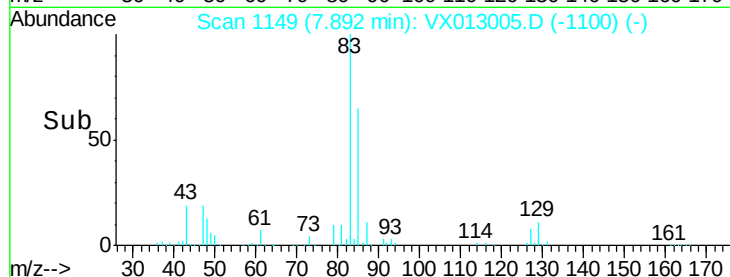
127 8.3 6.6 10.0



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: 54.059 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

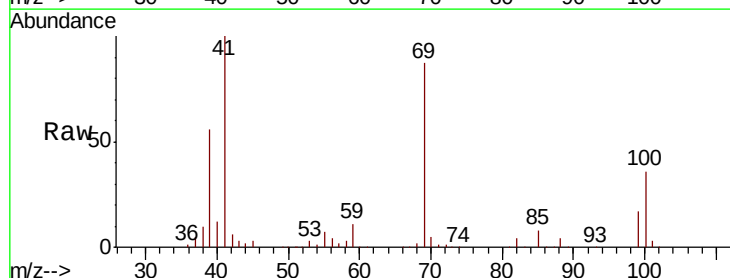
Tgt Ion: 41 Resp: 113577

Ion Ratio Lower Upper

41 100

69 86.1 68.7 103.1

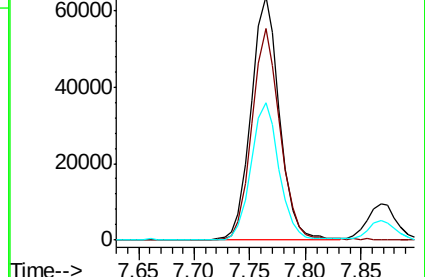
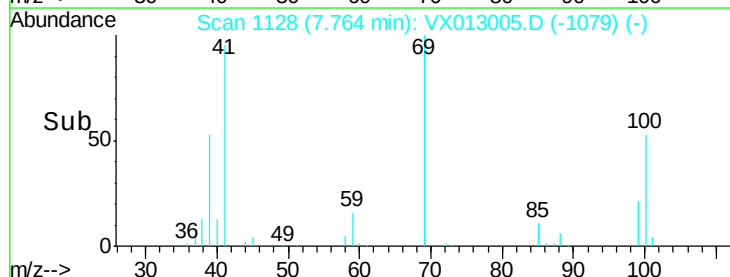
39 56.2 44.3 66.5

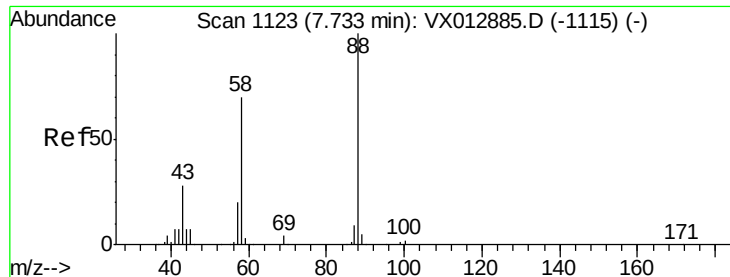


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 883.292 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MSD

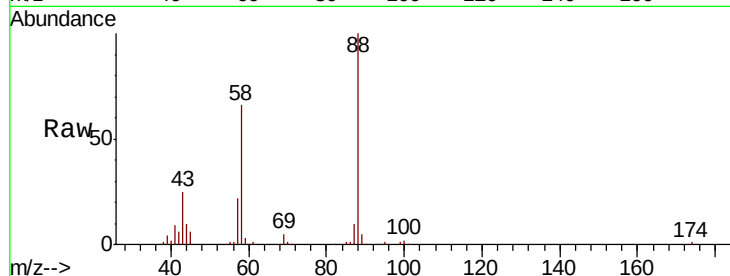
Tot Ion: 88 Resp: 49562

Ion Ratio Lower Upper

88 100

43 31.9 25.0 37.6

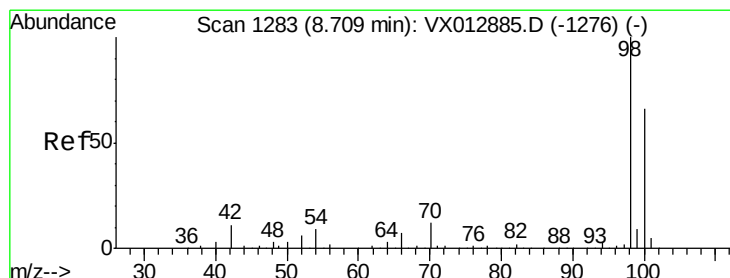
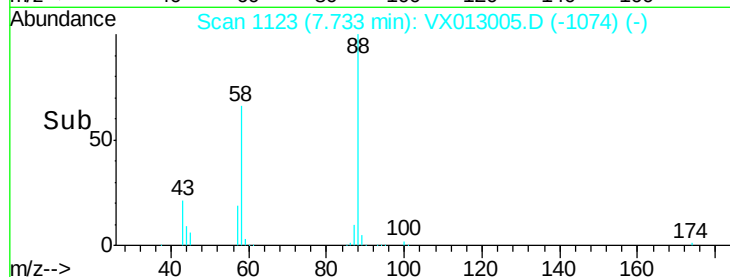
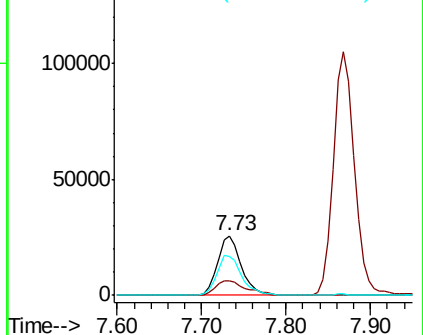
58 70.7 55.4 83.2



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: 52.318 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013005.D

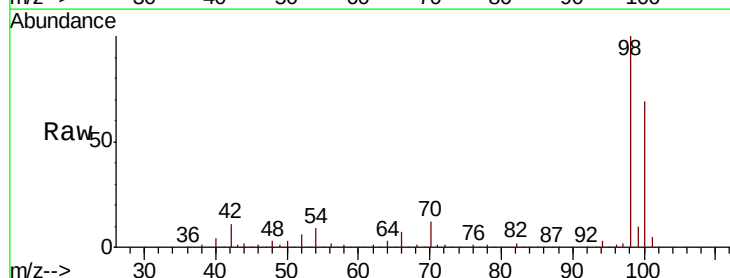
Acq: 10 Oct 2019 18:50

Tgt Ion: 98 Resp: 319995

Ion Ratio Lower Upper

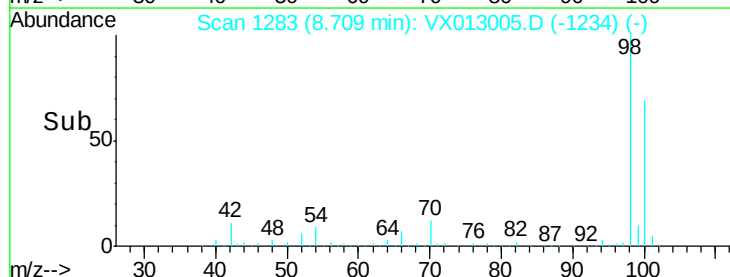
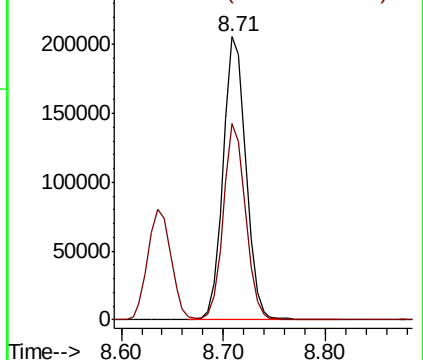
98 100

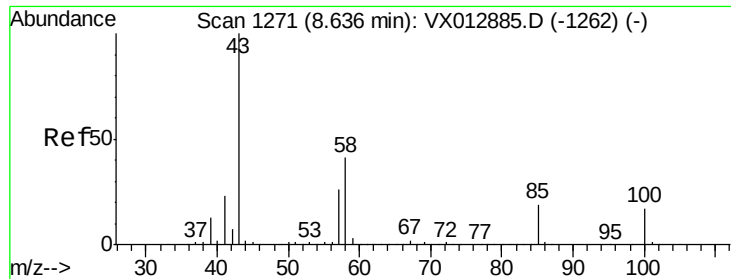
100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

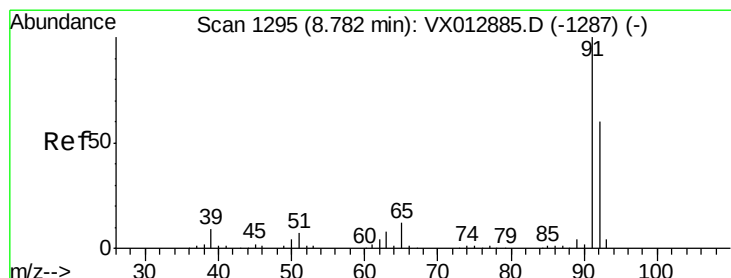
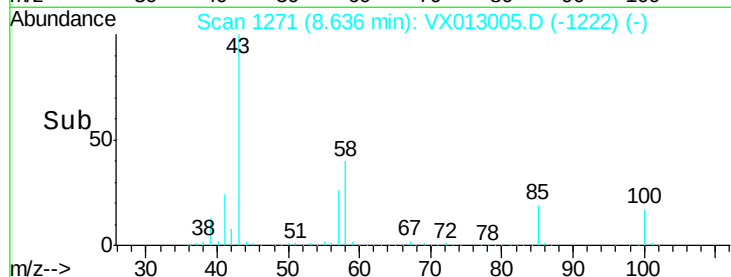
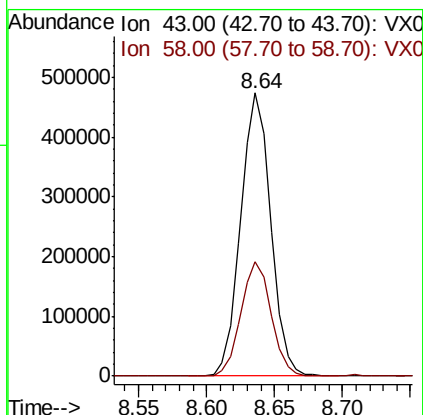
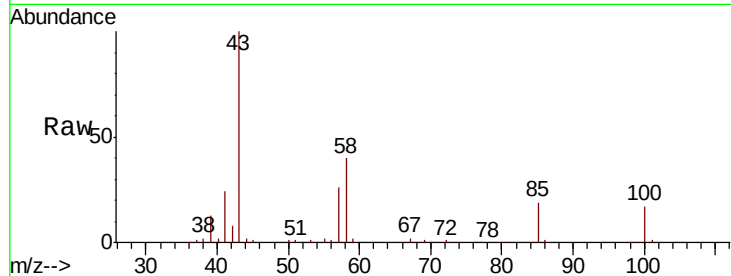




#51
 4-Methyl-2-Pentanone
 Concen: 272.318 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

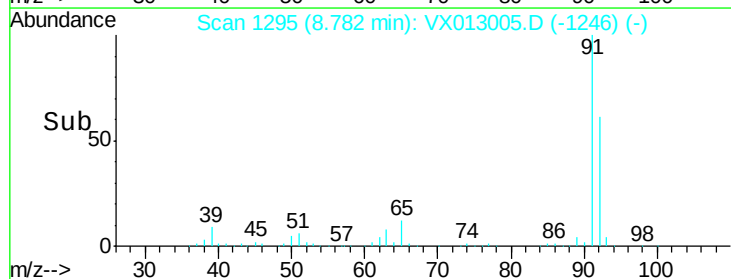
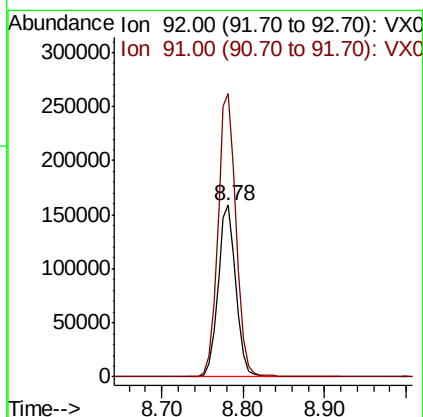
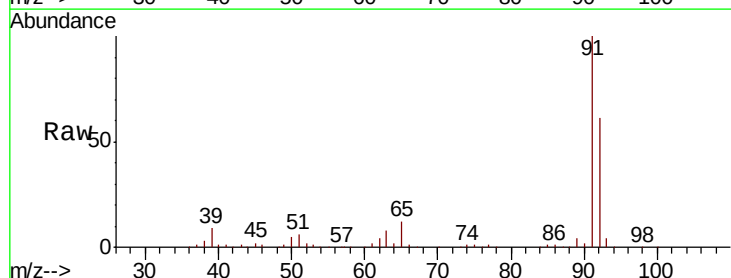
Instrument :
 MSVOA_X
 ClientSampleID :
 S49-0555MSD

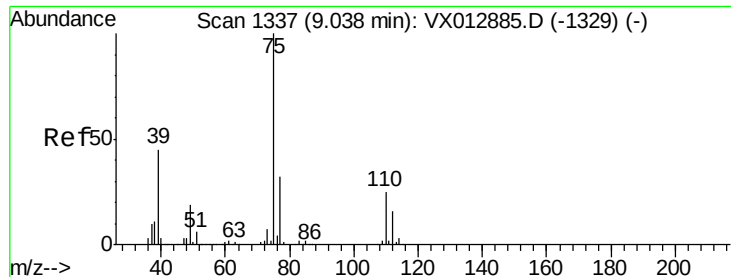
Tot Ion: 43 Resp: 732008
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.4 48.6



#52
 Toluene
 Concen: 53.635 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Tgt Ion: 92 Resp: 243454
 Ion Ratio Lower Upper
 92 100
 91 167.5 135.9 203.9

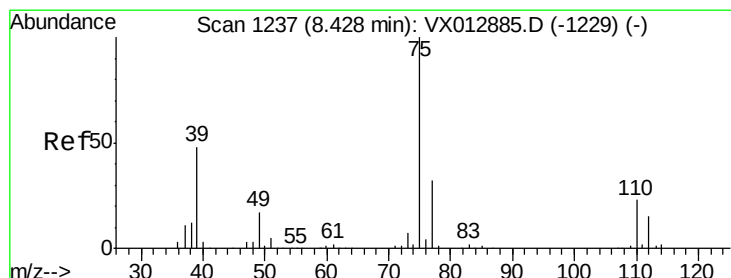
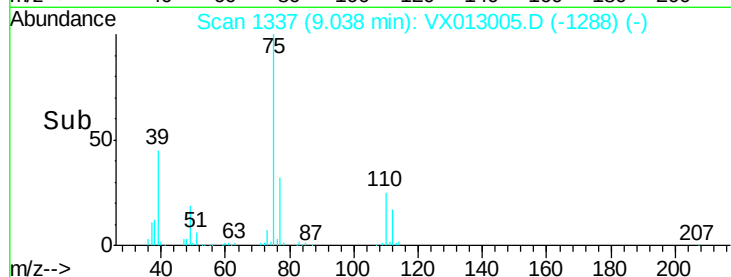
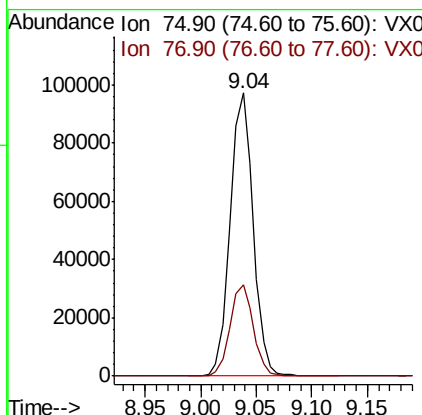
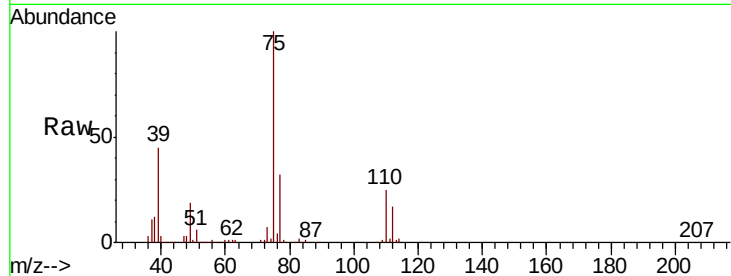




#53
 t-1,3-Dichloropropene
 Concen: 47.477 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

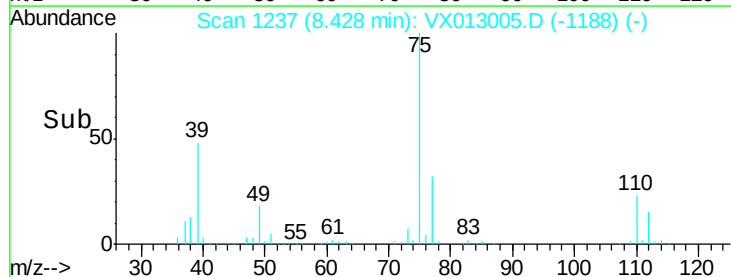
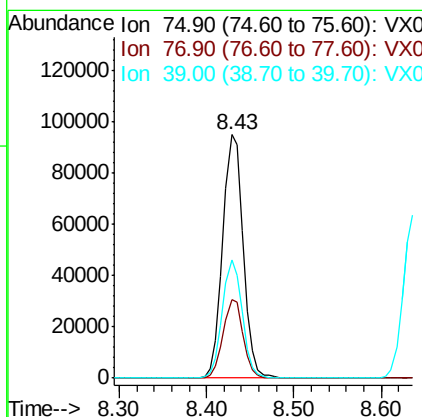
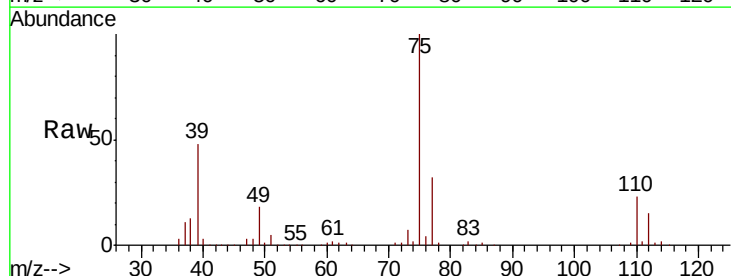
Instrument :
 MSVOA_X
 ClientSampled :
 S49-0555MSD

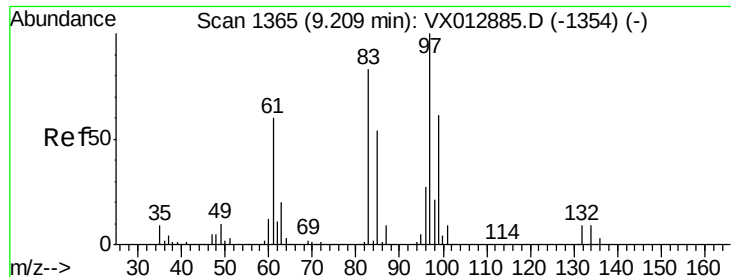
Tot Ion: 75 Resp: 138970
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 53.286 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Tgt Ion: 75 Resp: 154090
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.8
 39 48.3 38.2 57.2

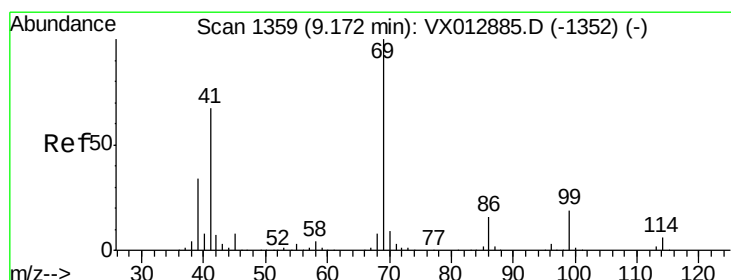
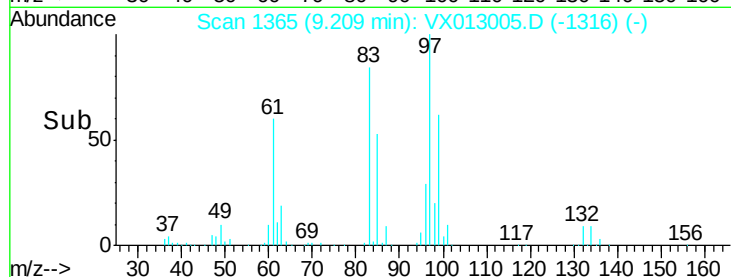
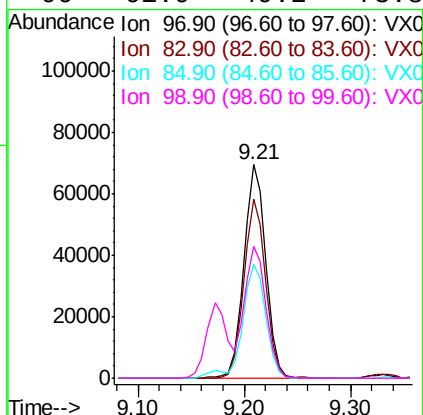
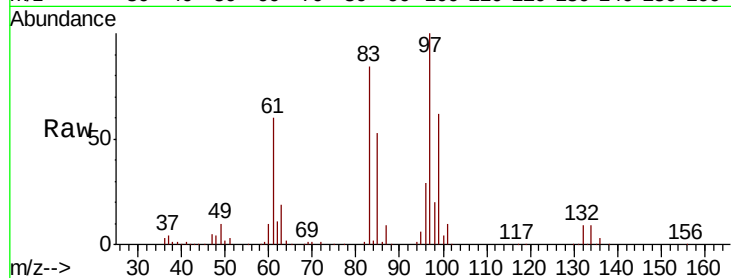




#55
 1,1,2-Trichloroethane
 Concen: 55.809 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

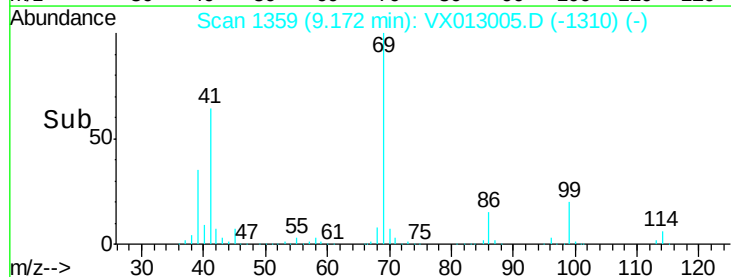
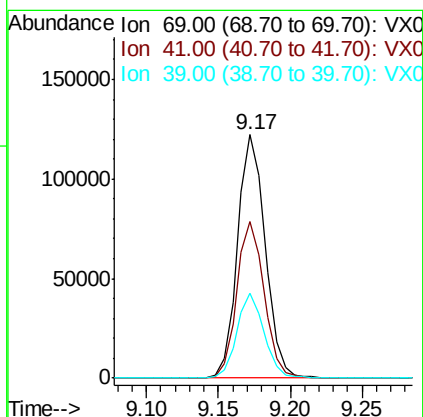
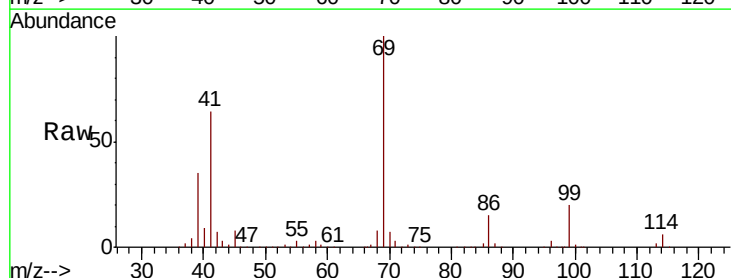
Instrument :
 MSVOA_X
 ClientSampled :
 S49-0555MSD

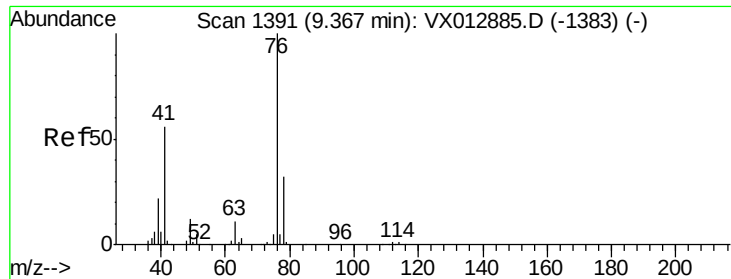
Tot Ion:	97	Resp:	100252
Ion	Ratio	Lower	Upper
97	100		
83	84.2	66.5	99.7
85	53.5	43.1	64.7
99	61.9	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 50.984 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Tgt Ion:	69	Resp:	164118
Ion	Ratio	Lower	Upper
69	100		
41	63.8	52.1	78.1
39	34.2	27.8	41.8

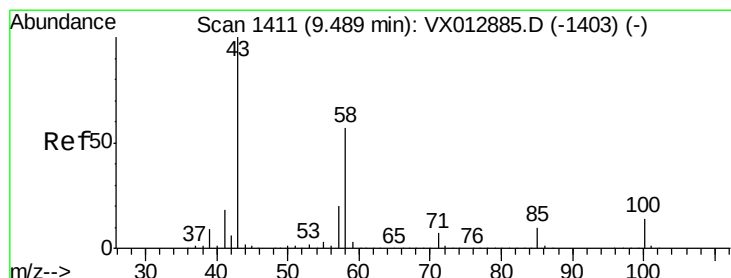
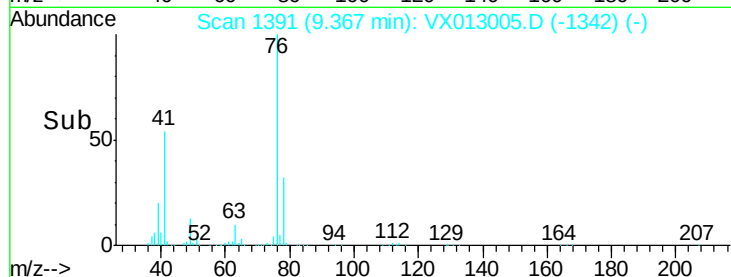
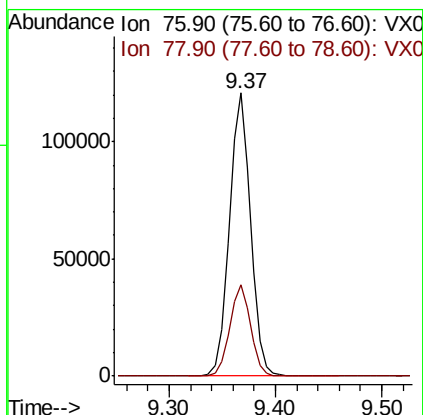
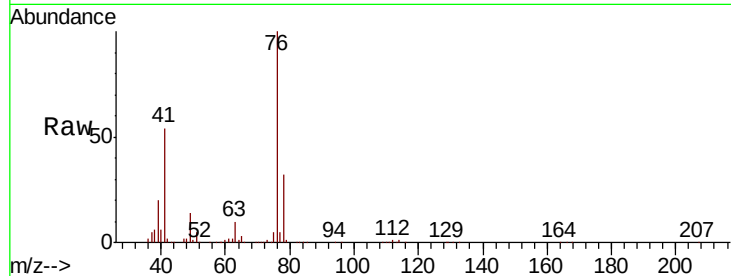




#57
 1,3-Dichloropropane
 Concen: 54.133 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

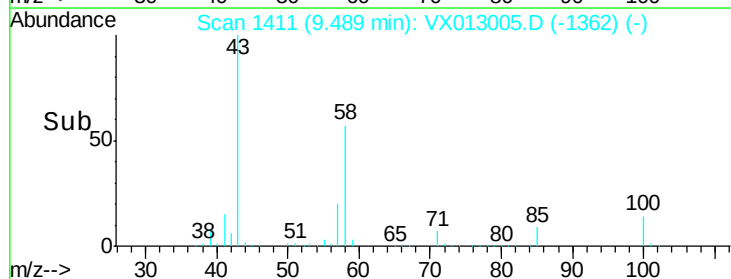
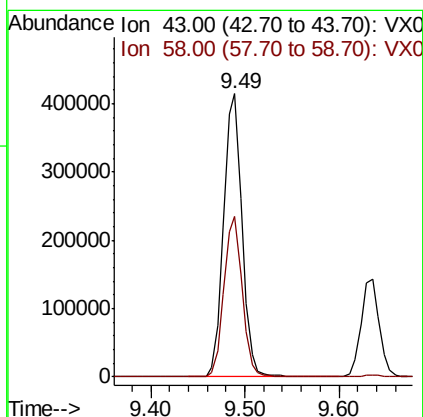
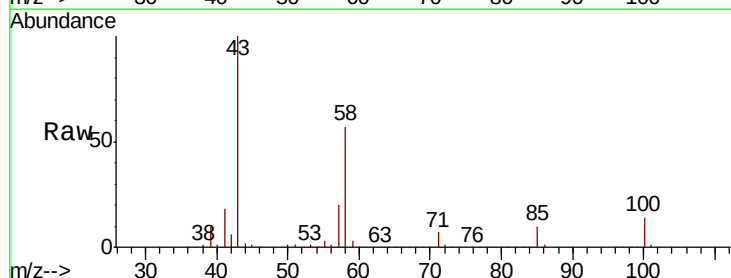
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MSD

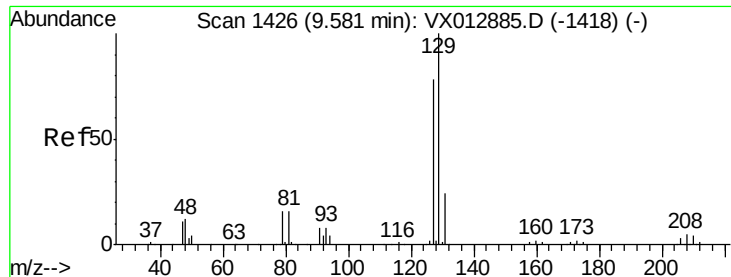
Tot Ion: 76 Resp: 168208
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.1 39.1



#59
 2-Hexanone
 Concen: 269.190 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Tgt Ion: 43 Resp: 563277
 Ion Ratio Lower Upper
 43 100
 58 56.3 28.1 84.3

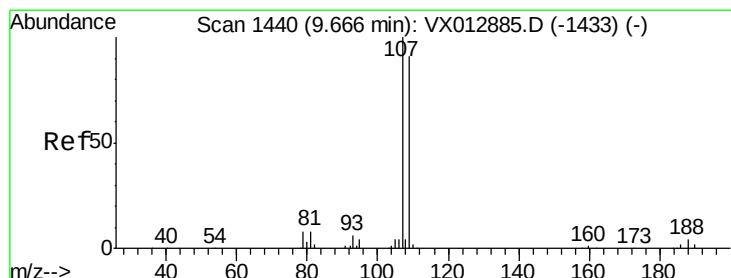
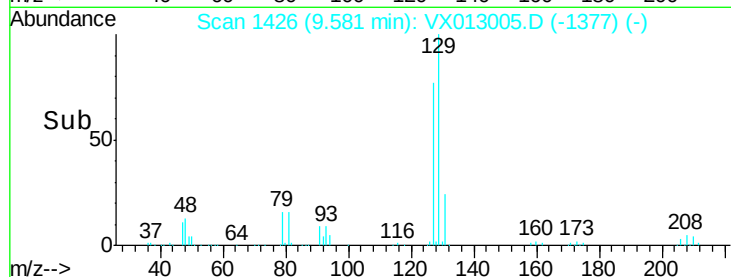
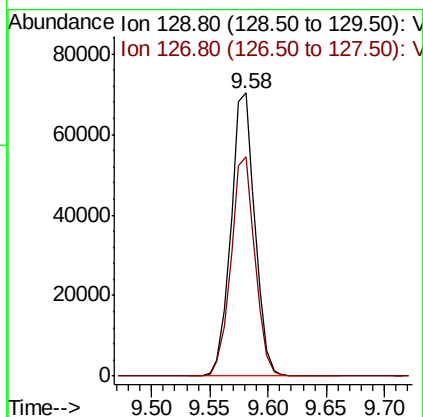
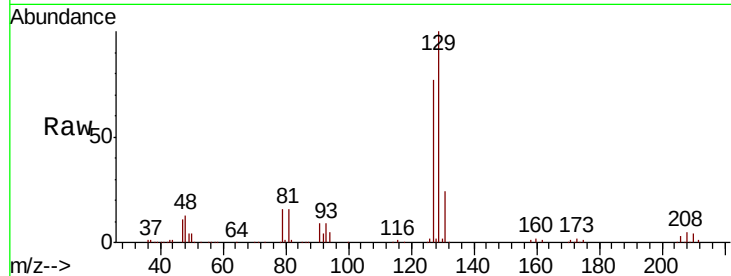




#60
 Dibromochloromethane
 Concen: 50.410 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

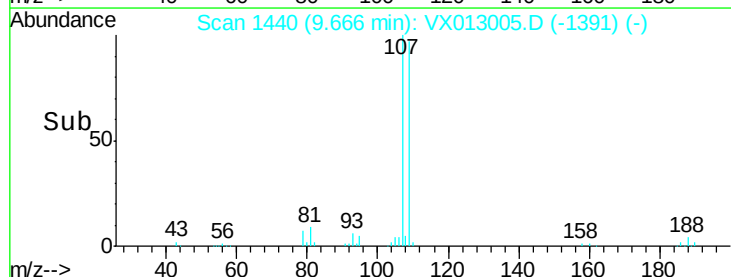
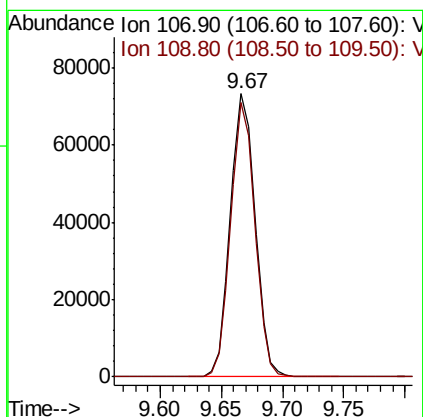
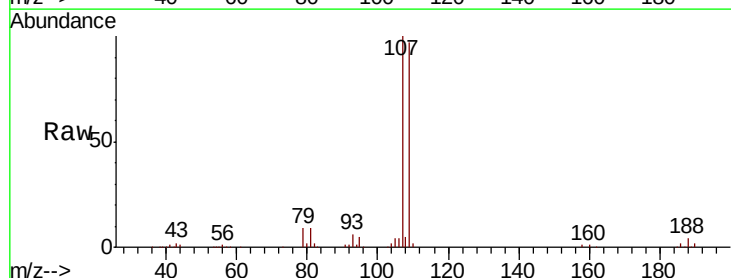
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MSD

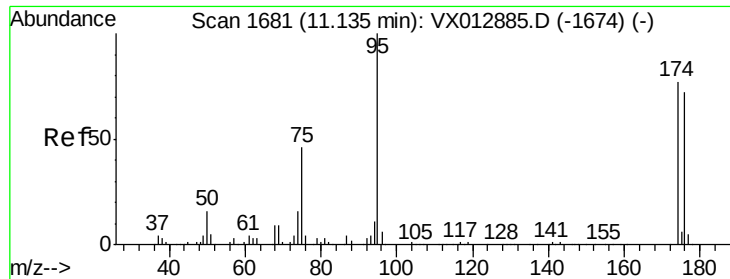
Tot Ion:129 Resp: 100802
 Ion Ratio Lower Upper
 129 100
 127 77.3 38.9 116.7



#61
 1,2-Dibromoethane
 Concen: 54.492 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Tgt Ion:107 Resp: 102971
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.8 113.6





#62

4-Bromofluorobenzene

Concen: 52.629 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MSD

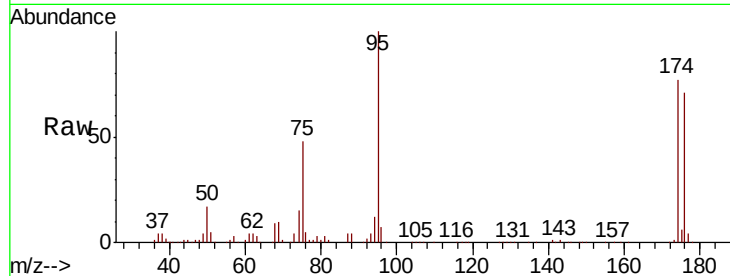
Tot Ion: 95 Resp: 125075

Ion Ratio Lower Upper

95 100

174 72.5 0.0 143.4

176 69.2 0.0 136.0



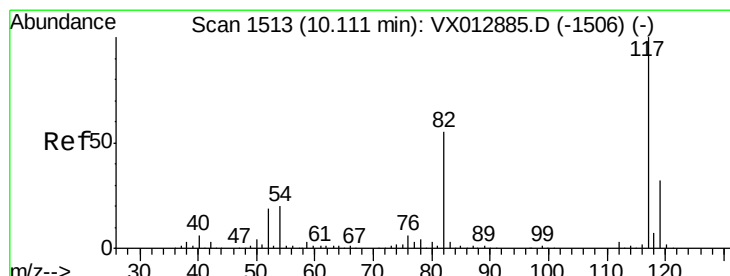
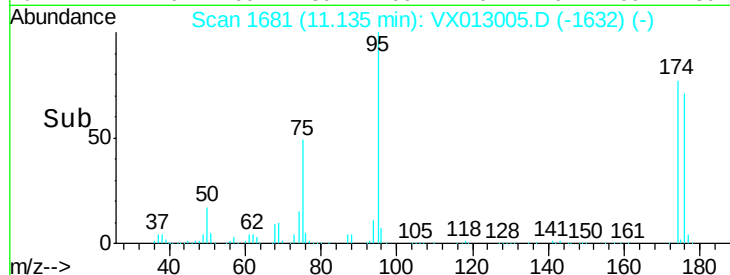
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

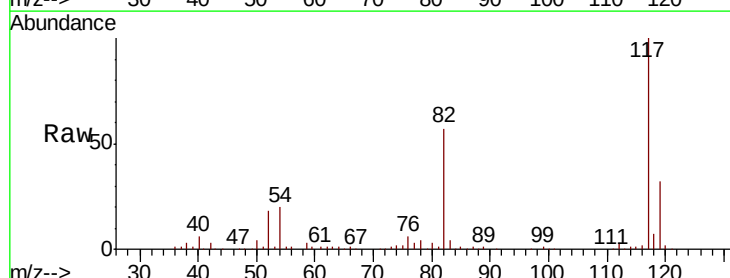
Tgt Ion: 117 Resp: 246278

Ion Ratio Lower Upper

117 100

82 56.5 44.1 66.1

119 31.6 25.8 38.8



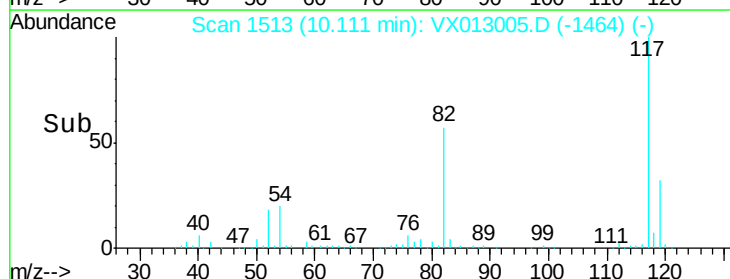
Abundance Ion 116.90 (116.60 to 117.60): V

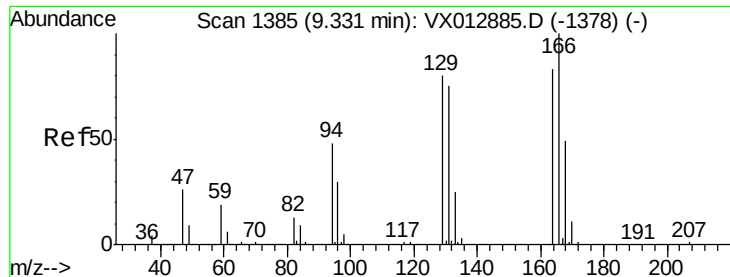
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.11

Time-->





#64

Tetrachloroethene

Concen: 50.646 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MSD

Tot Ion:164 Resp: 86512

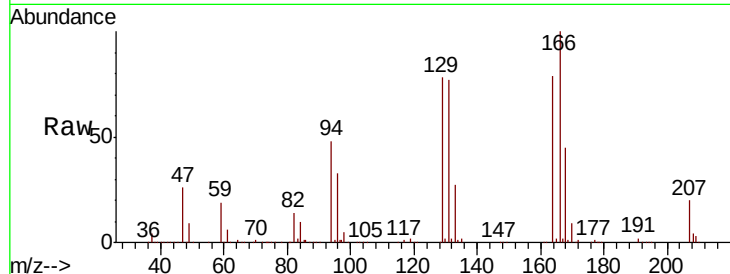
Ion Ratio Lower Upper

164 100

166 127.2 96.9 145.3

129 98.6 77.9 116.9

131 98.2 72.7 109.1

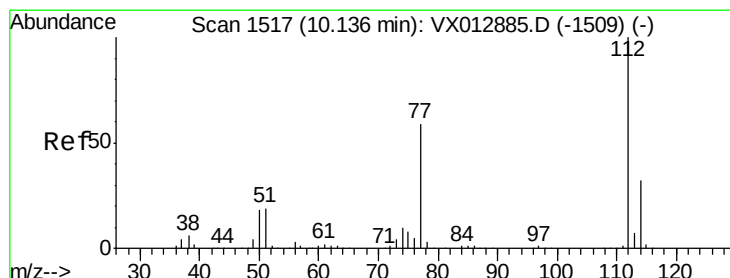
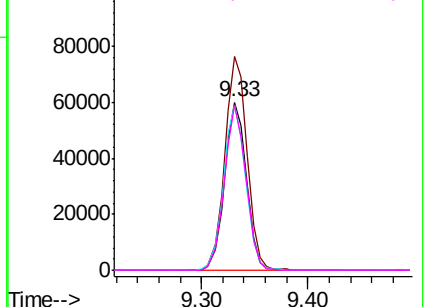
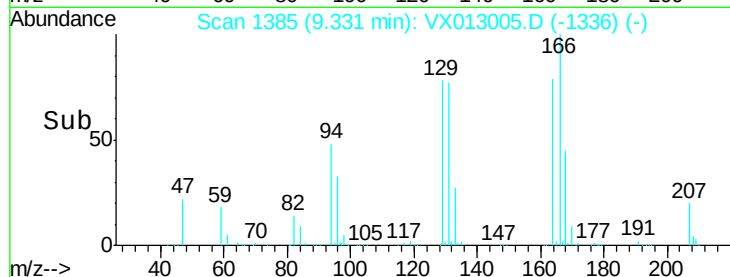


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 52.102 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013005.D

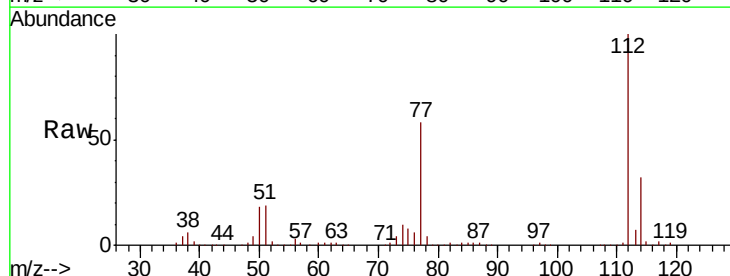
Acq: 10 Oct 2019 18:50

Tgt Ion:112 Resp: 254817

Ion Ratio Lower Upper

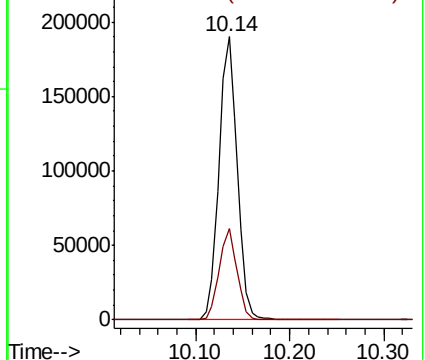
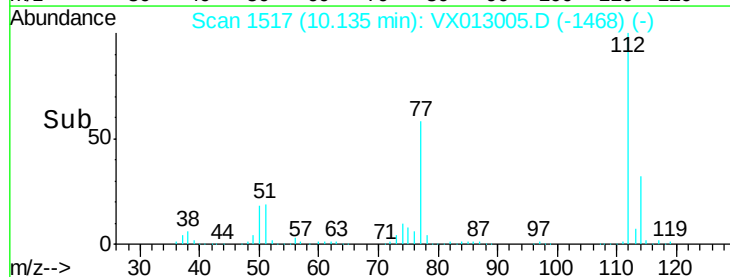
112 100

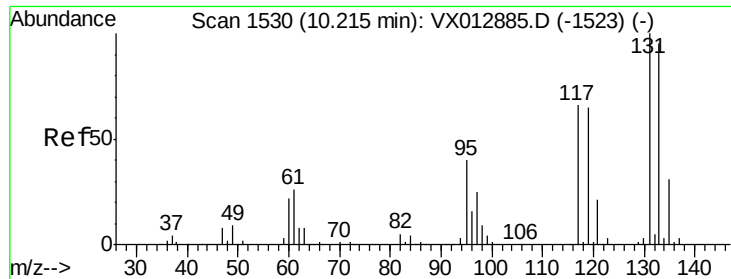
114 32.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

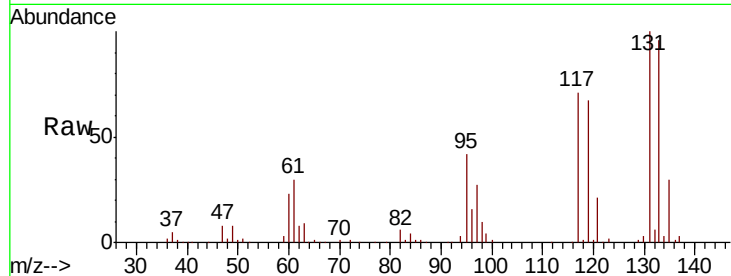




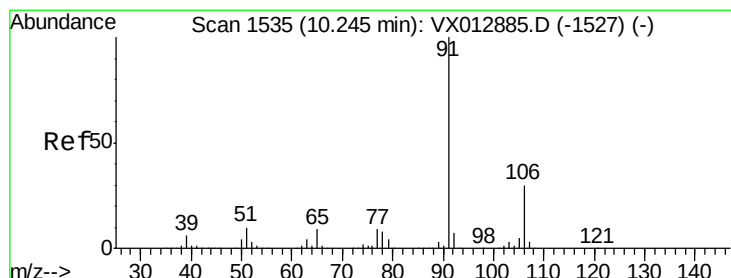
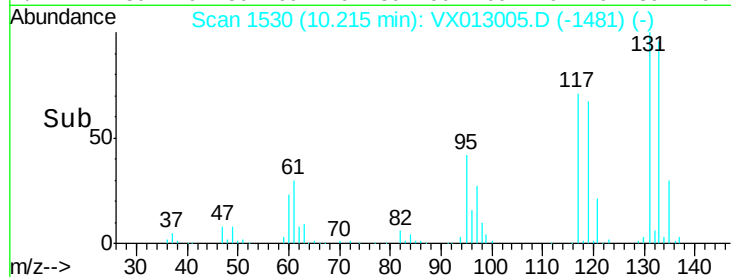
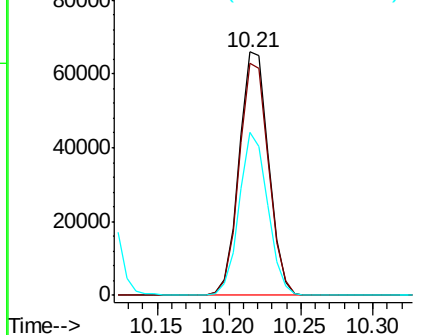
#66
 1,1,1,2-Tetrachloroethane
 Concen: 55.224 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MSD

Tot Ion:131 Resp: 93645
 Ion Ratio Lower Upper
 131 100
 133 95.3 47.2 141.6
 119 64.7 32.6 98.0

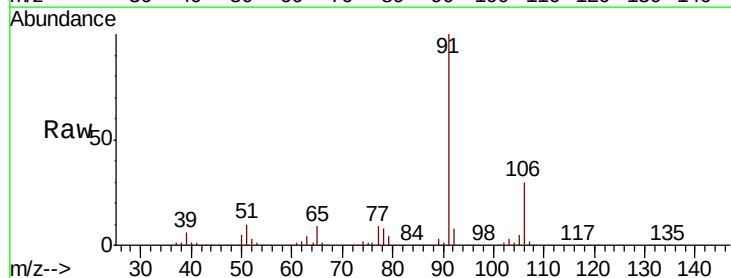


Abundance Ion 130.80 (130.50 to 131.50): V
 Ion 132.80 (132.50 to 133.50): V
 Ion 118.80 (118.50 to 119.50): V

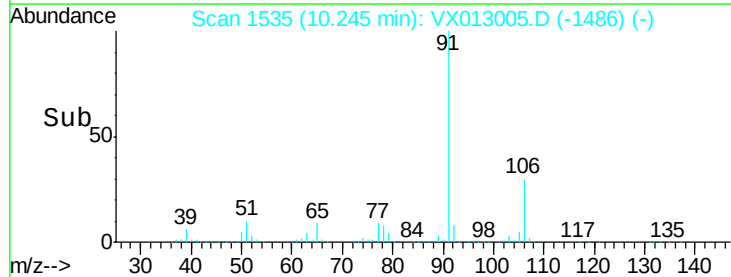
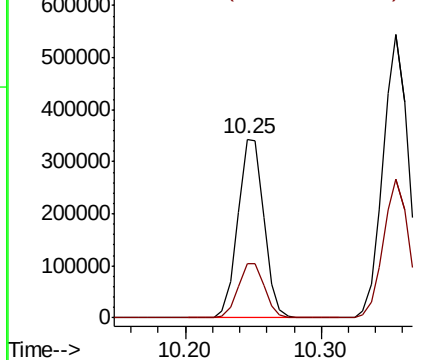


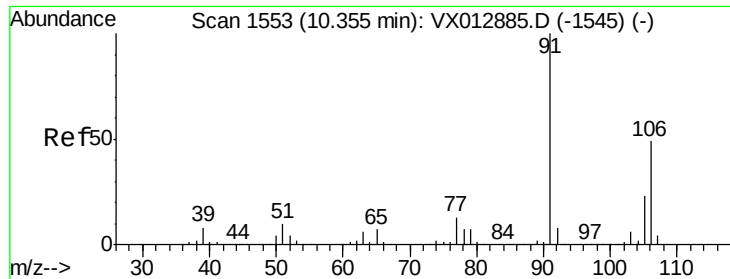
#67
 Ethyl Benzene
 Concen: 52.939 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Tgt Ion: 91 Resp: 459894
 Ion Ratio Lower Upper
 91 100
 106 30.3 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 106.00 (105.70 to 106.70): V

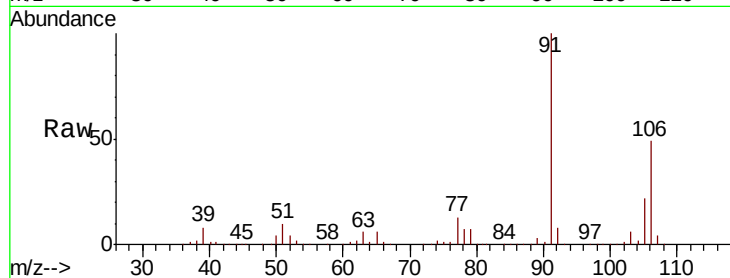




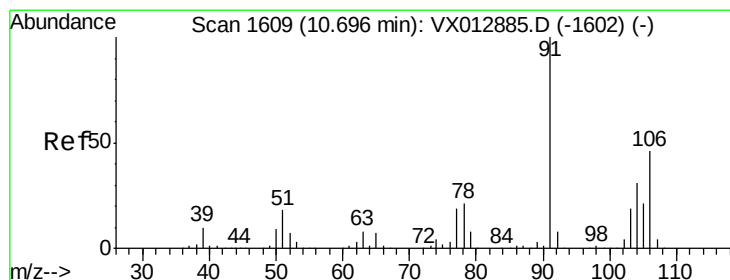
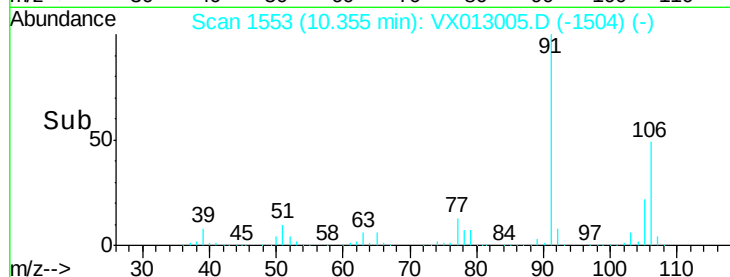
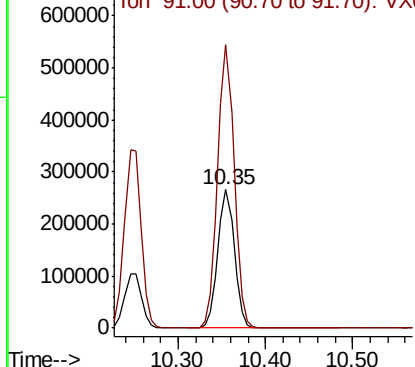
#68
m/p-Xylenes
Concen: 107.495 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

Instrument :
MSVOA_X
ClientSampleId :
S49-0555MSD

Tot Ion:106 Resp: 348865
Ion Ratio Lower Upper
106 100
91 205.1 165.3 247.9

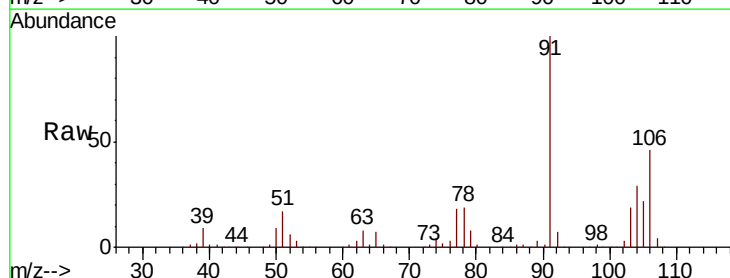


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

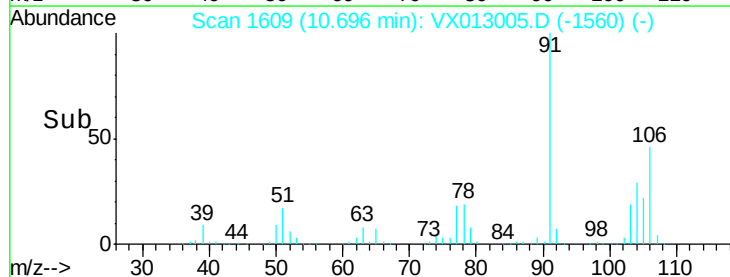
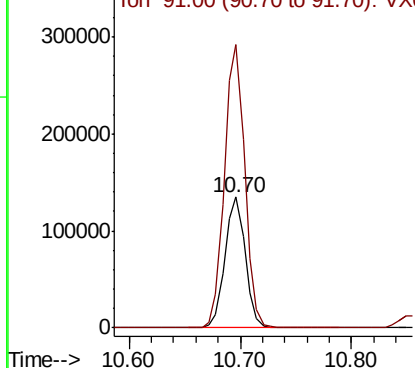


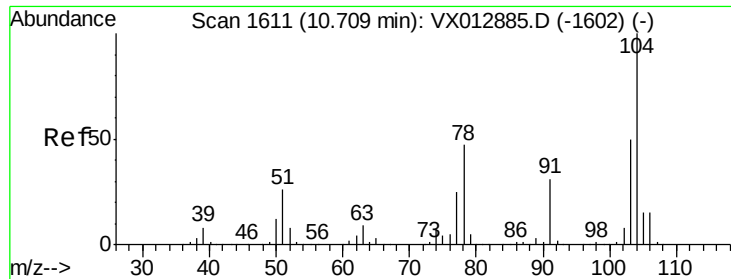
#69
o-Xylene
Concen: 53.642 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

Tgt Ion:106 Resp: 169769
Ion Ratio Lower Upper
106 100
91 216.8 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

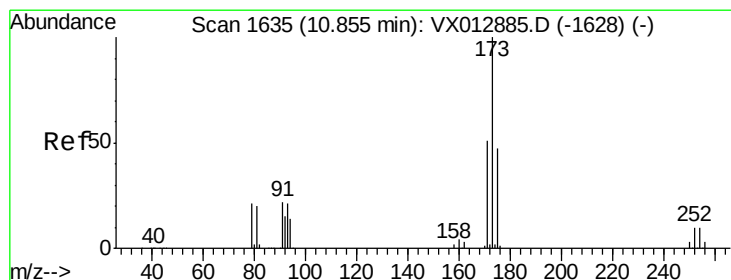
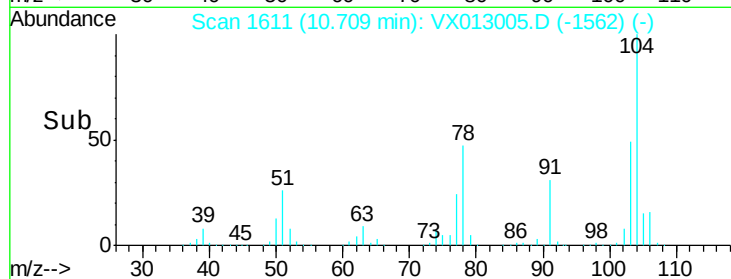
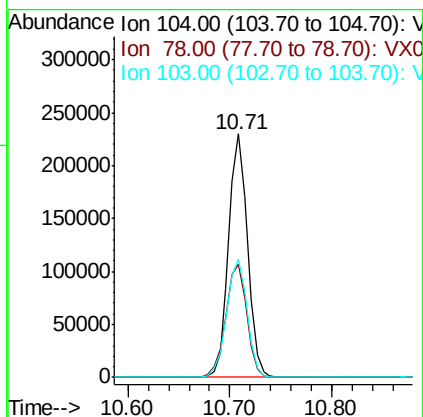
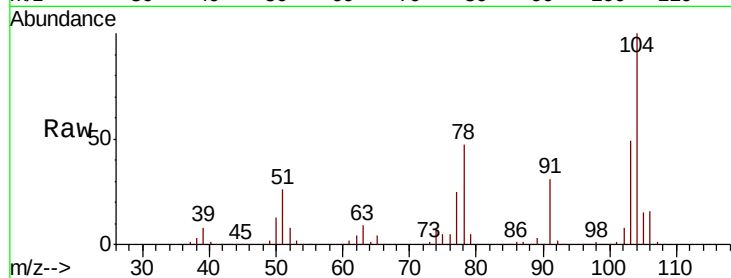




#70
Stvrene
Concen: 54.651 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

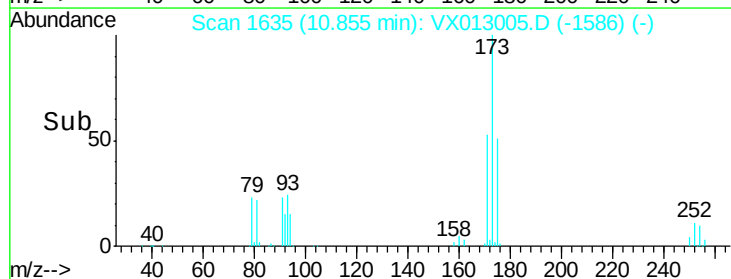
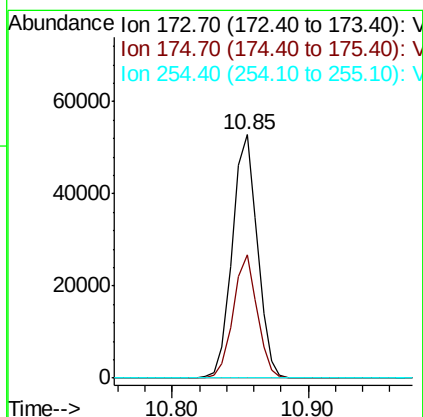
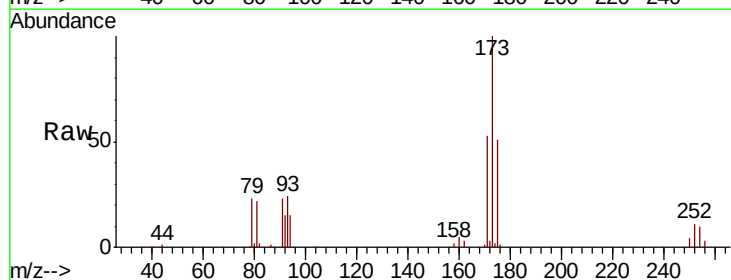
Instrument :
MSVOA_X
ClientSampleId :
S49-0555MSD

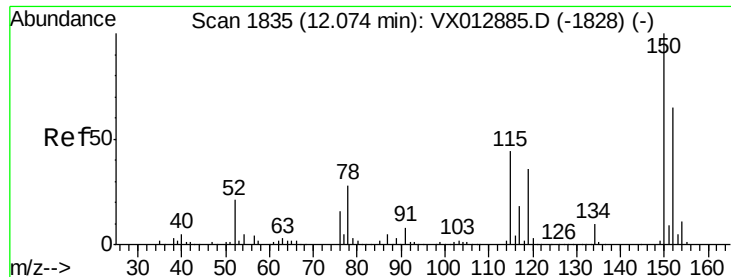
Tot Ion:104 Resp: 294038
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 52.9 43.0 64.4



#71
Bromoform
Concen: 47.284 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

Tgt Ion:173 Resp: 68043
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.3
254 0.2 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MSD

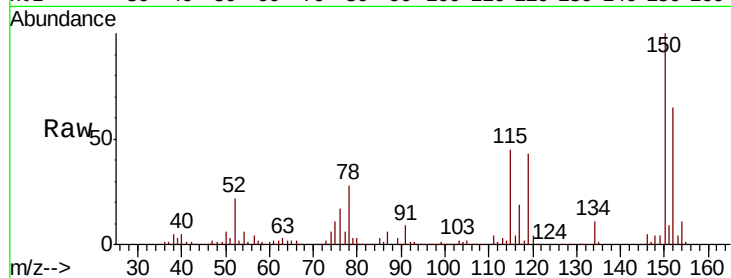
Tot Ion:152 Resp: 112987

Ion Ratio Lower Upper

152 100

115 87.6 44.5 133.5

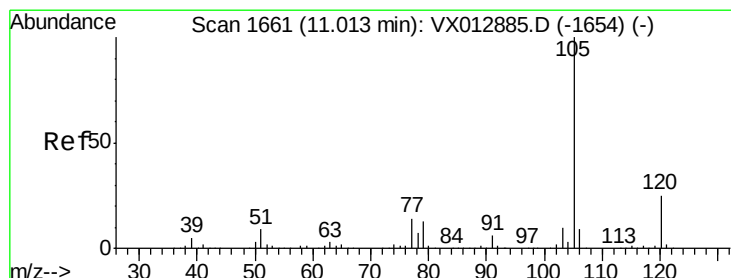
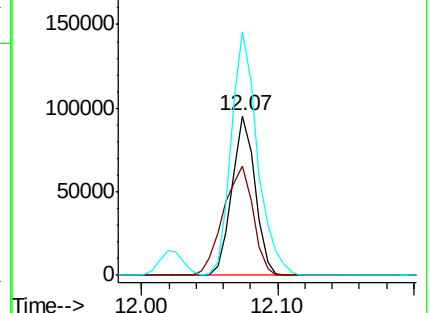
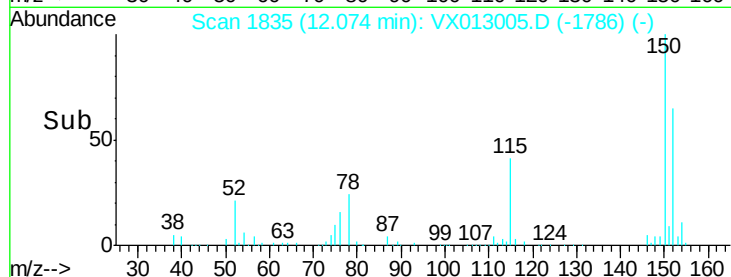
150 172.4 0.0 353.4



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: 53.833 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013005.D

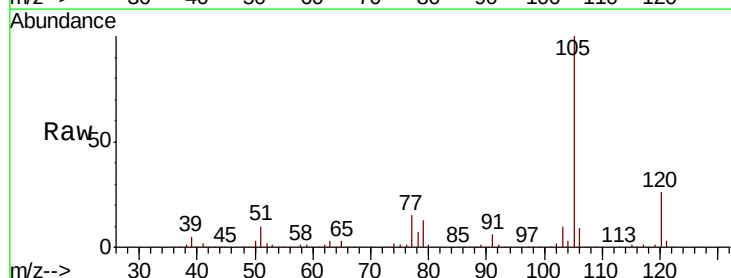
Acq: 10 Oct 2019 18:50

Tgt Ion:105 Resp: 447189

Ion Ratio Lower Upper

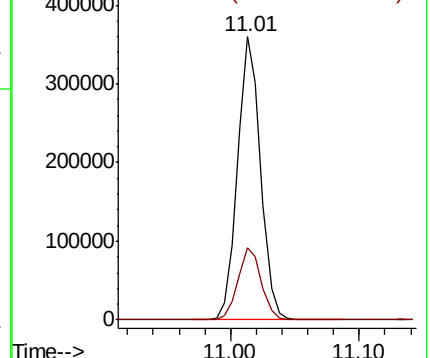
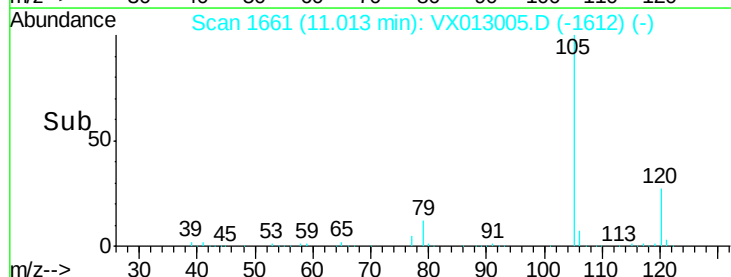
105 100

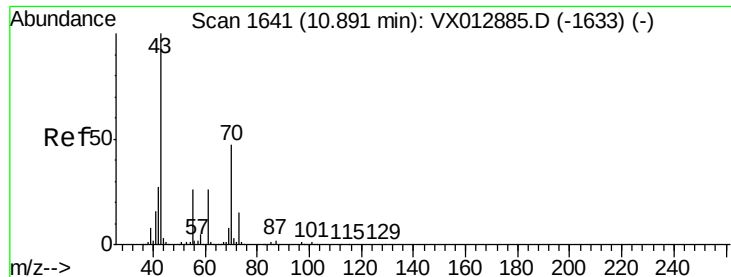
120 25.9 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

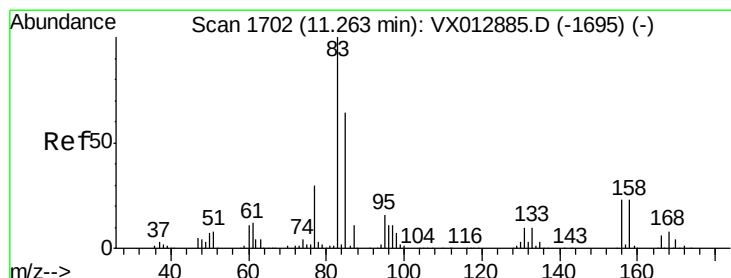
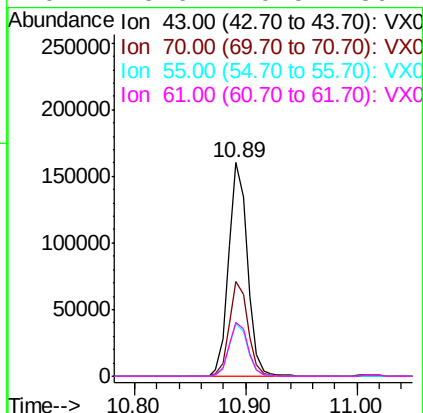
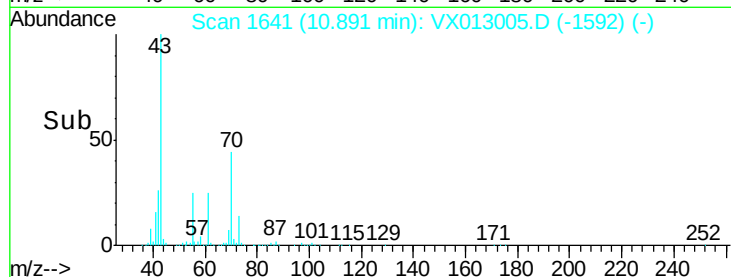
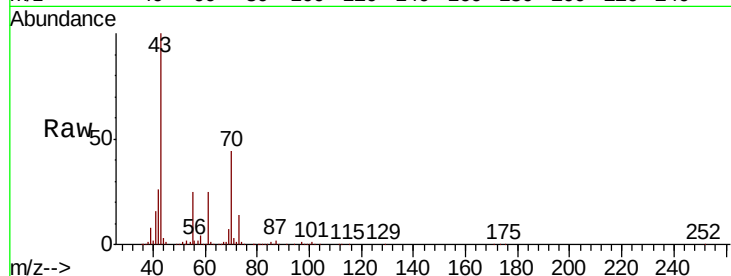




#74
N-amvl acetate
Concen: 52.352 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

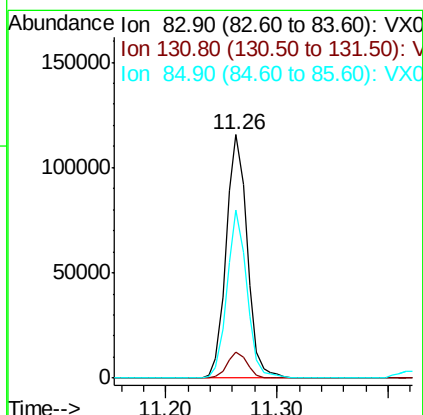
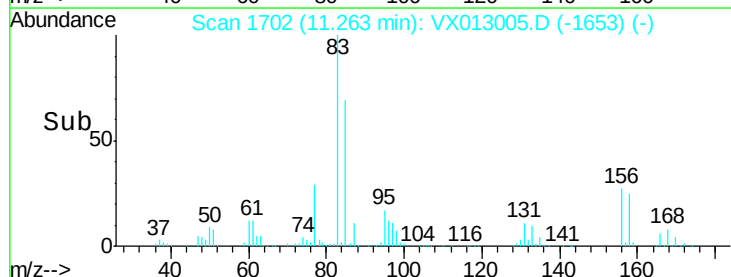
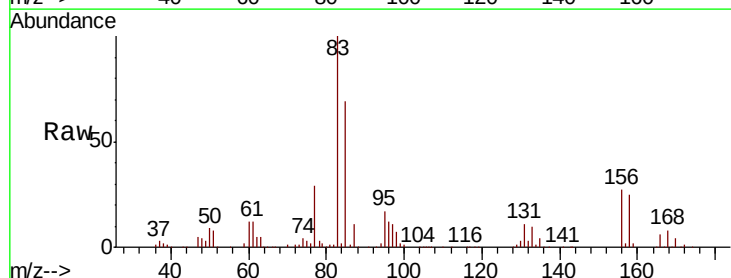
Instrument :
MSVOA_X
ClientSampleId :
S49-0555MSD

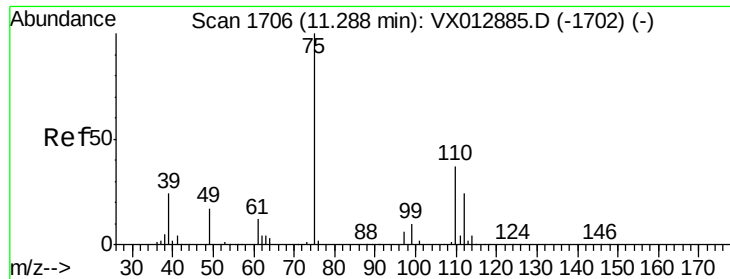
Tot Ion:	43	Resp:	187297
Ion	Ratio	Lower	Upper
43	100		
70	44.1	36.4	54.6
55	25.0	20.2	30.2
61	25.6	20.5	30.7



#75
1,1,2,2-Tetrachloroethane
Concen: 54.770 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

Tgt Ion:	83	Resp:	151325
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.3
85	65.1	32.1	96.5

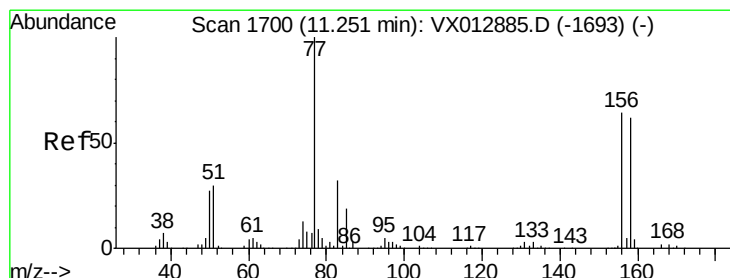
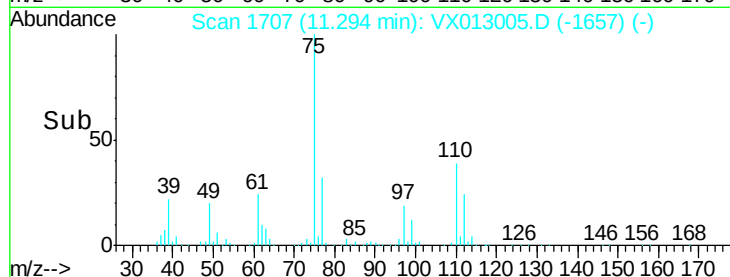
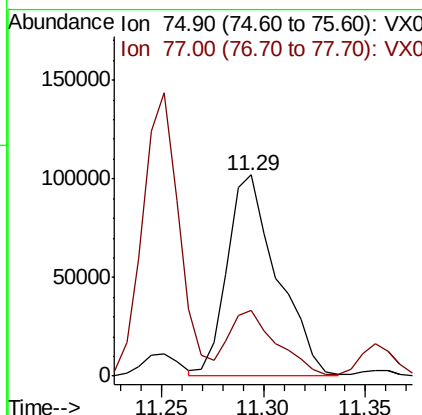
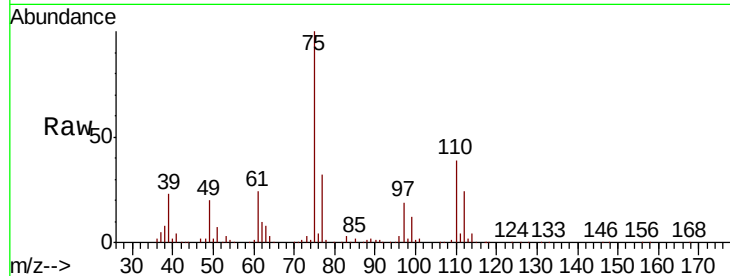




#76
 1,2,3-Trichloropropane
 Concen: 69.376 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

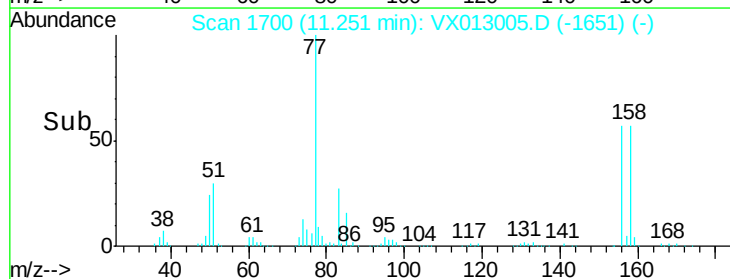
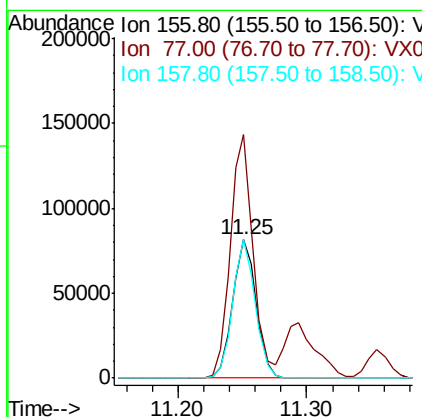
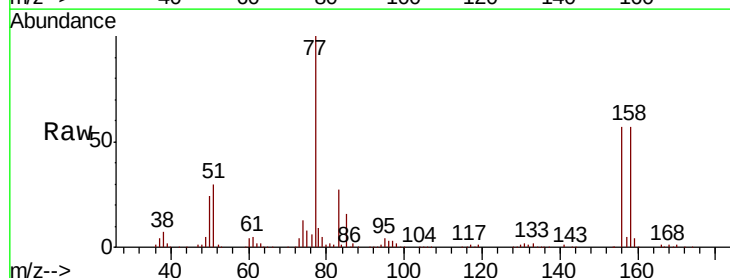
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MSD

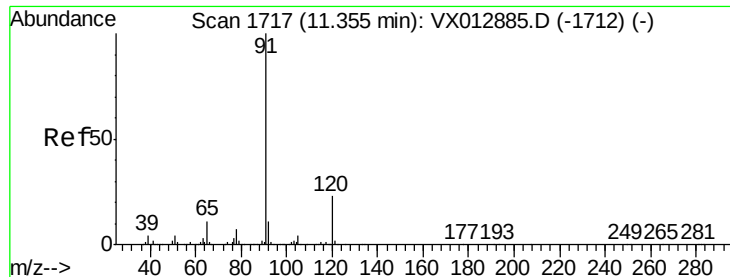
Tot Ion: 75 Resp: 173860
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.9 68.8



#77
 Bromobenzene
 Concen: 53.020 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Tgt Ion: 156 Resp: 103788
 Ion Ratio Lower Upper
 156 100
 77 171.7 83.7 251.0
 158 96.7 48.6 145.9





#78

n-propylbenzene

Concen: 52.215 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

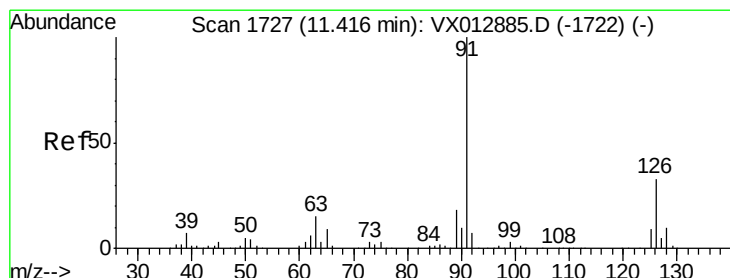
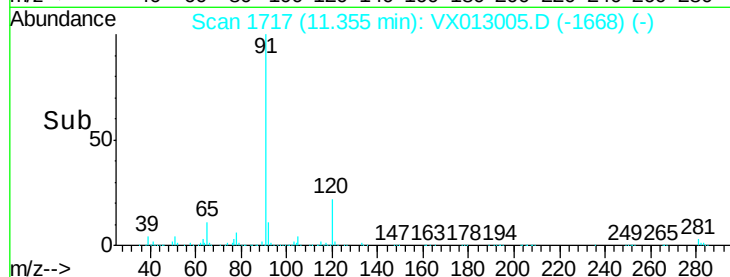
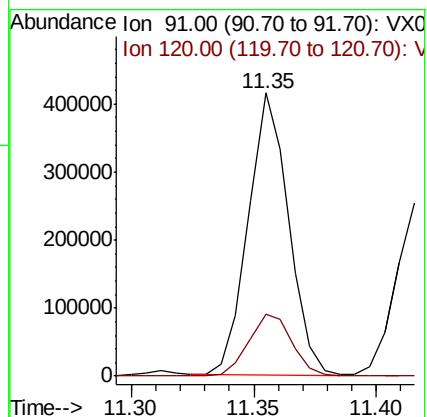
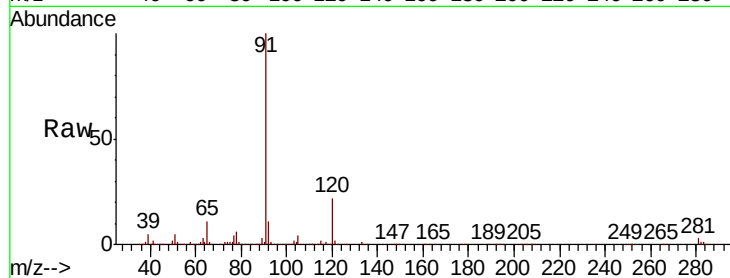
S49-0555MSD

Tot Ion: 91 Resp: 477283

Ion Ratio Lower Upper

91 100

120 23.3 11.7 35.1



#79

2-Chlorotoluene

Concen: 54.331 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013005.D

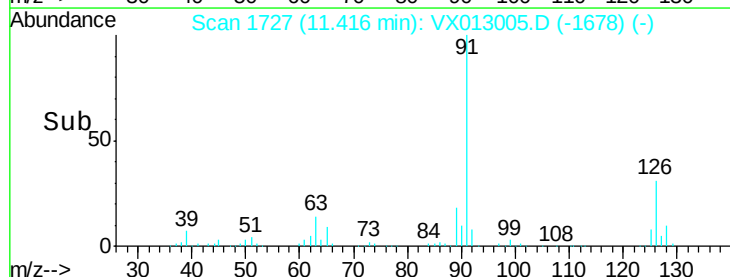
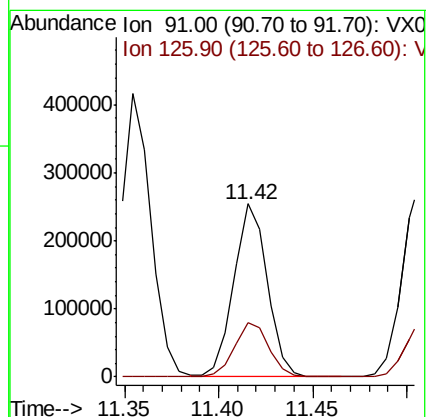
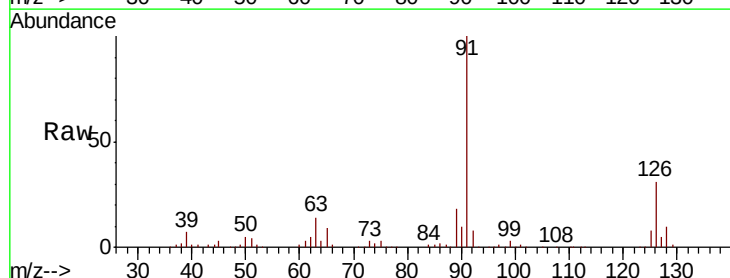
Acq: 10 Oct 2019 18:50

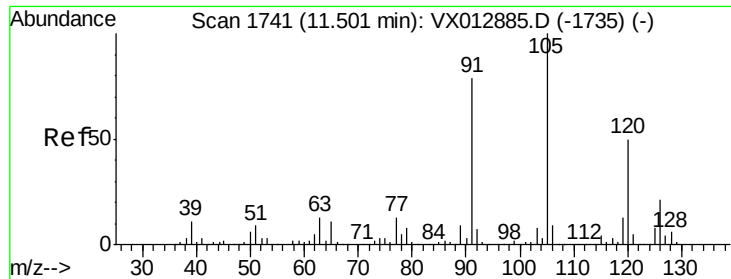
Tgt Ion: 91 Resp: 312113

Ion Ratio Lower Upper

91 100

126 32.2 16.3 48.8

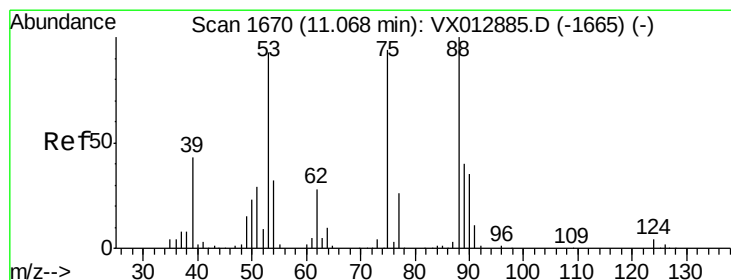
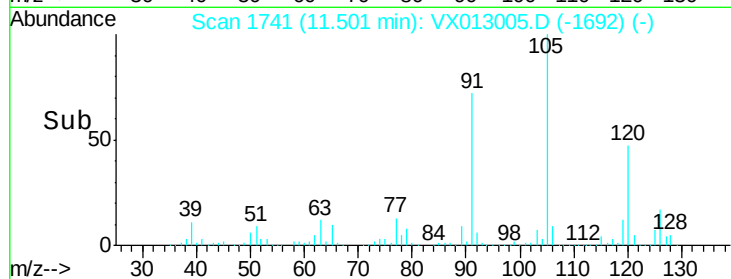
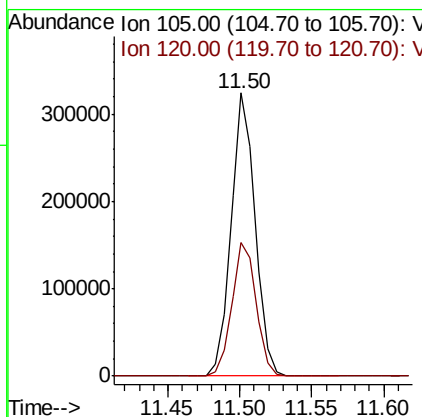
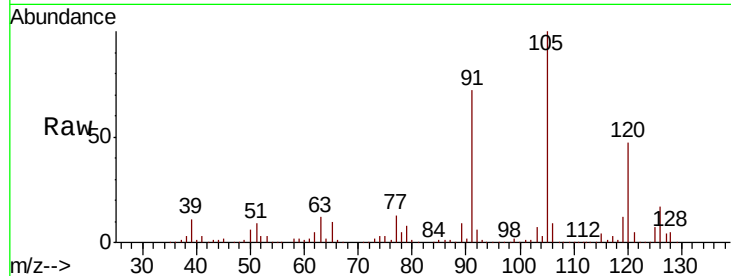




#80
 1,3,5-Trimethylbenzene
 Concen: 54.742 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

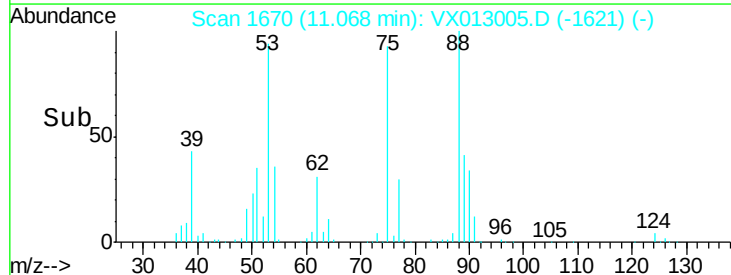
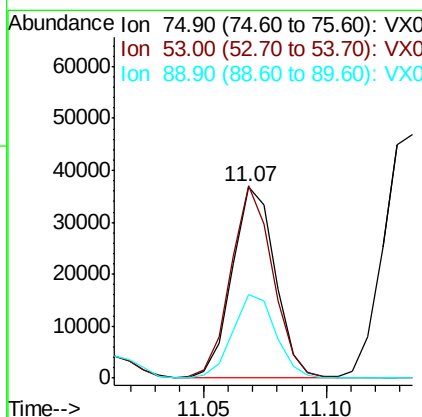
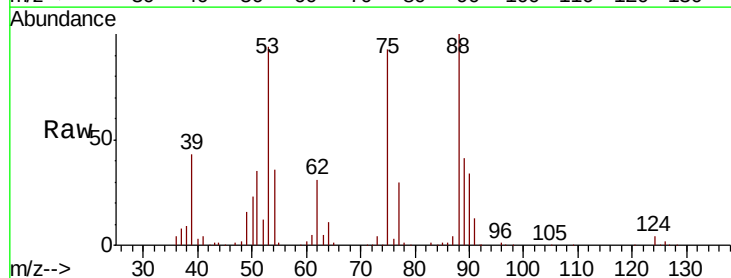
Instrument :
 MSVOA_X
 ClientSampled :
 S49-0555MSD

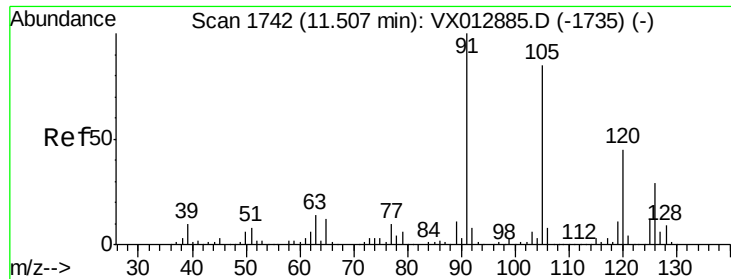
Tot Ion:105 Resp: 379714
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.193 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Tgt Ion: 75 Resp: 44687
 Ion Ratio Lower Upper
 75 100
 53 99.5 78.5 117.7
 89 44.3 37.4 56.2

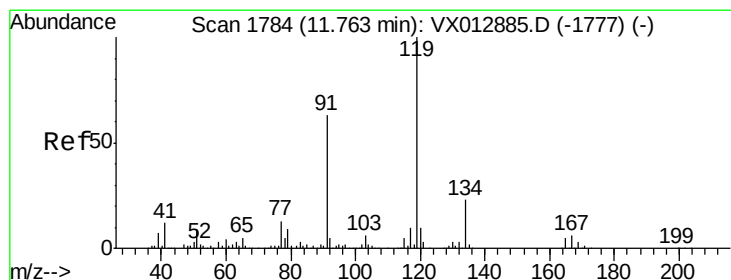
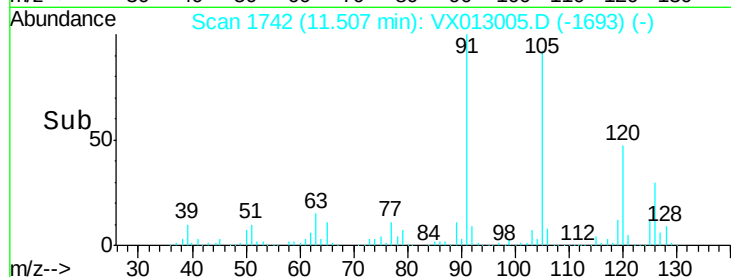
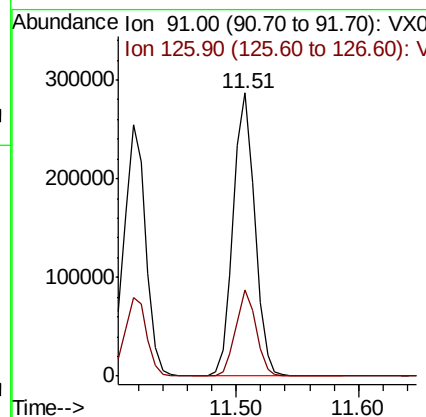
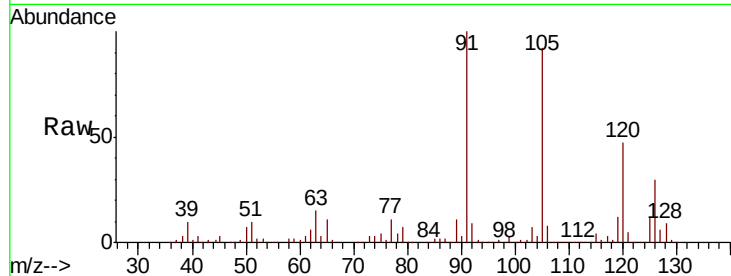




#82
4-Chlorotoluene
Concen: 52.911 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

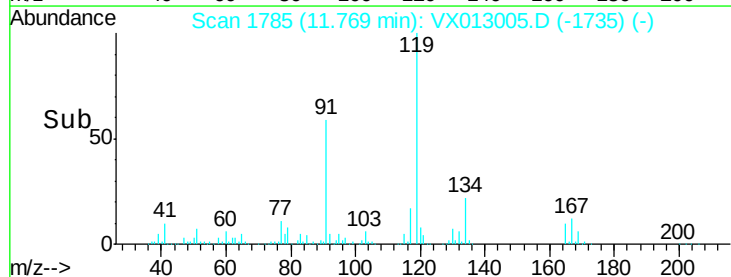
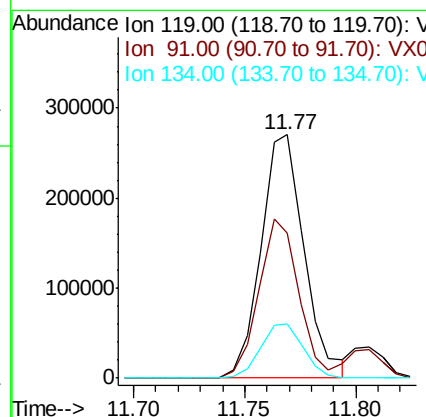
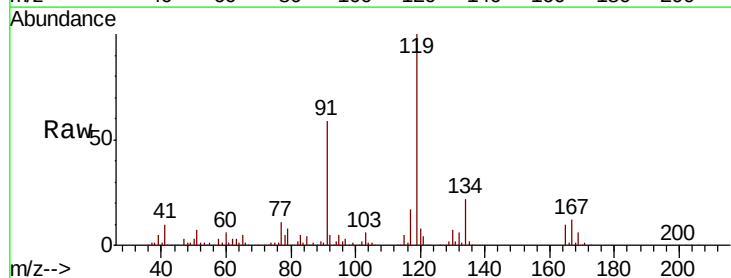
Instrument :
MSVOA_X
ClientSampleId :
S49-0555MSD

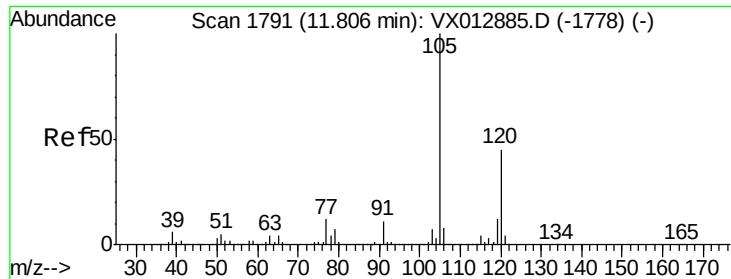
Tot Ion: 91 Resp: 348396
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6



#83
tert-Butylbenzene
Concen: 54.023 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

Tgt Ion: 119 Resp: 365537
Ion Ratio Lower Upper
119 100
91 60.4 29.3 87.9
134 22.1 11.5 34.4

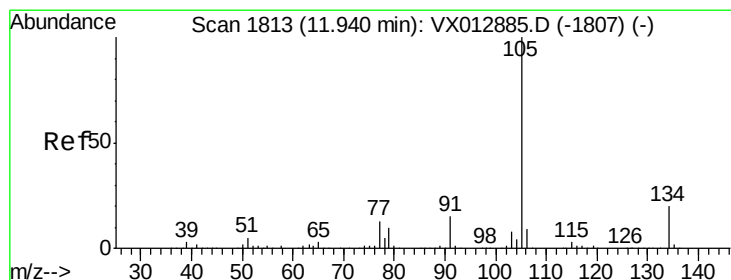
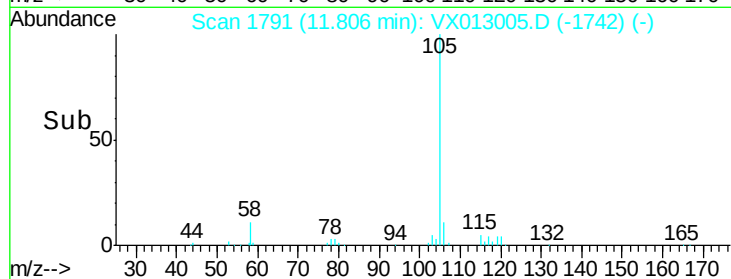
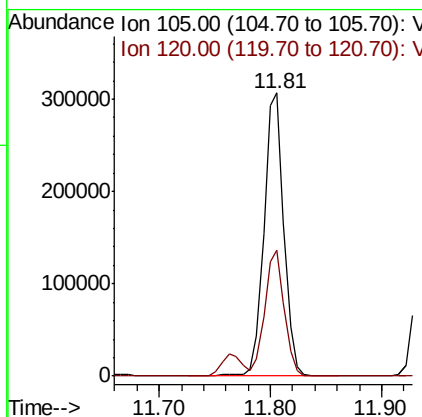
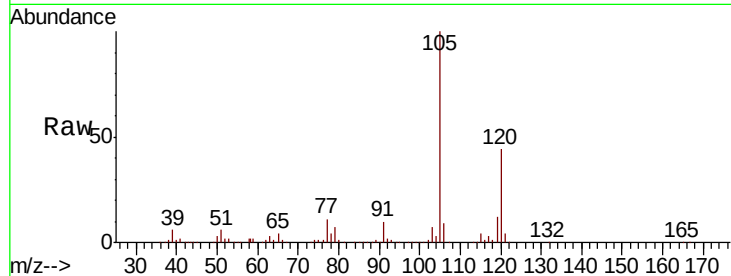




#84
 1,2,4-Trimethylbenzene
 Concen: 54.492 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

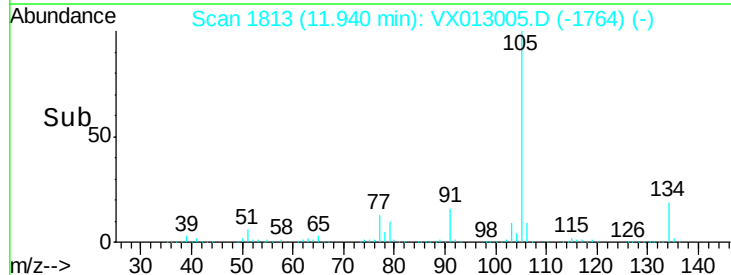
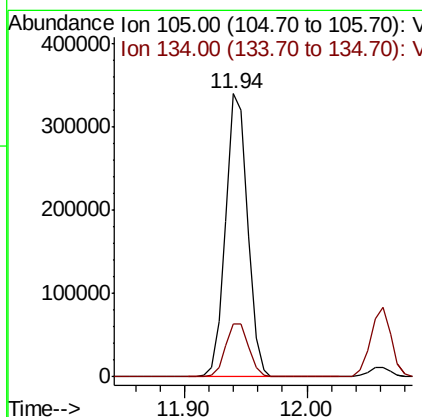
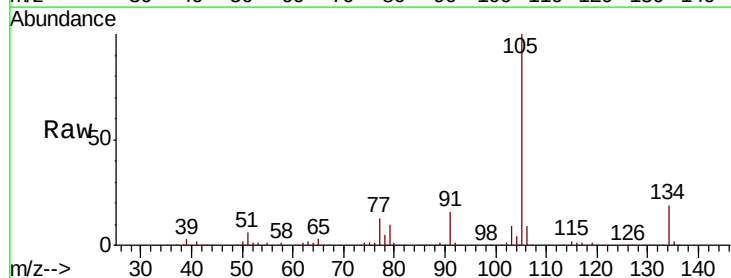
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MSD

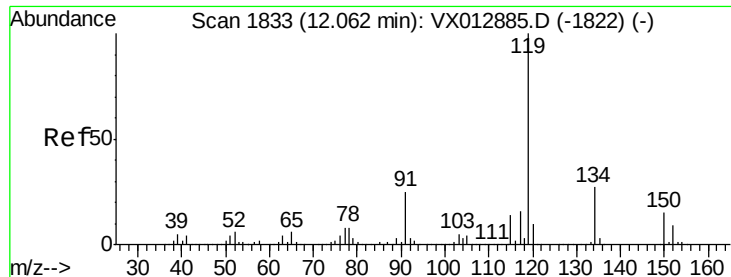
Tot Ion:105 Resp: 382807
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 53.695 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Tgt Ion:105 Resp: 420922
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0





#86

p-Isopropyltoluene

Concen: 53.168 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MSD

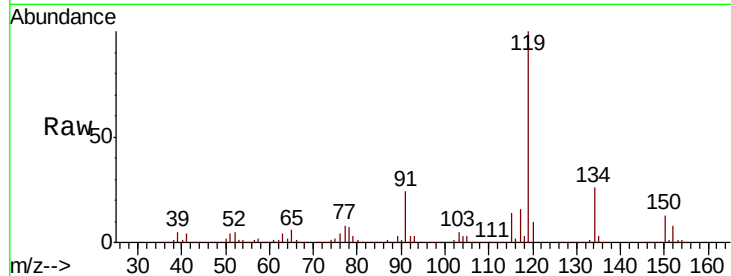
Tot Ion:119 Resp: 386553

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

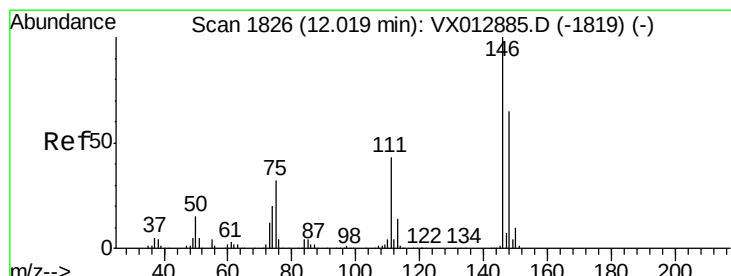
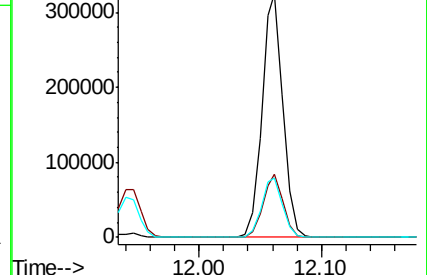
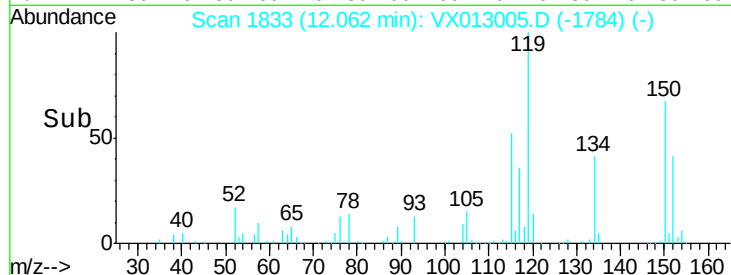
91 24.7 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 51.768 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

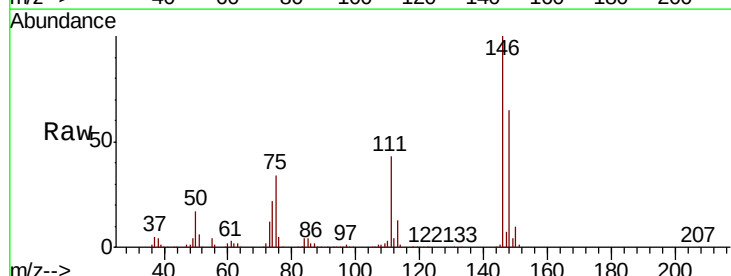
Tgt Ion:146 Resp: 188185

Ion Ratio Lower Upper

146 100

111 43.7 21.1 63.4

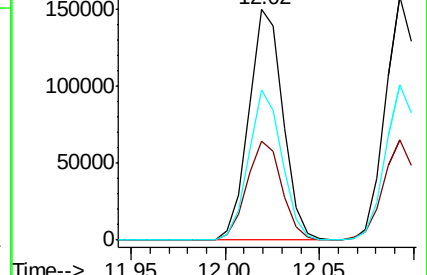
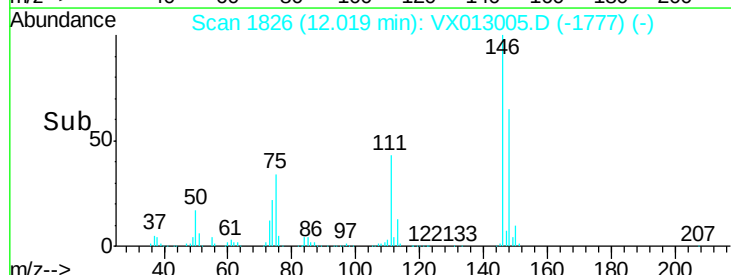
148 63.7 31.6 95.0

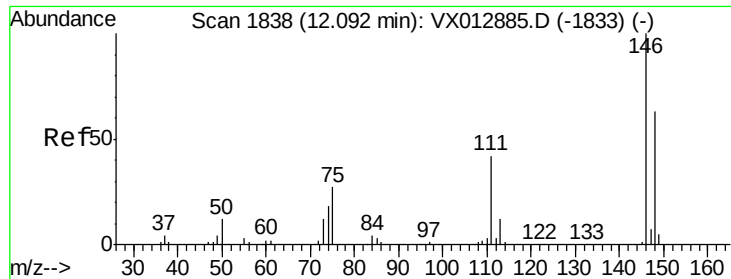


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

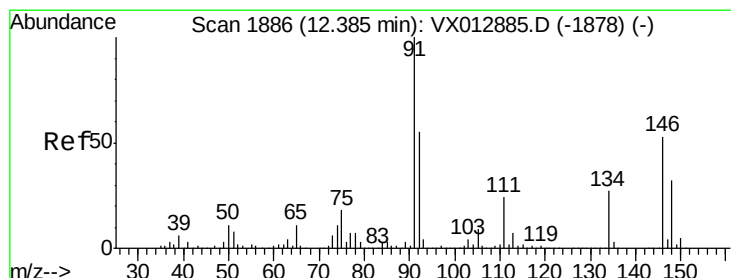
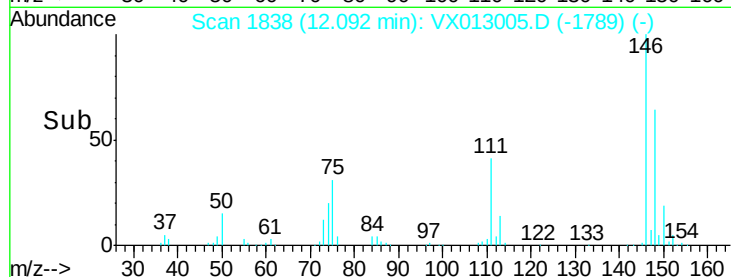
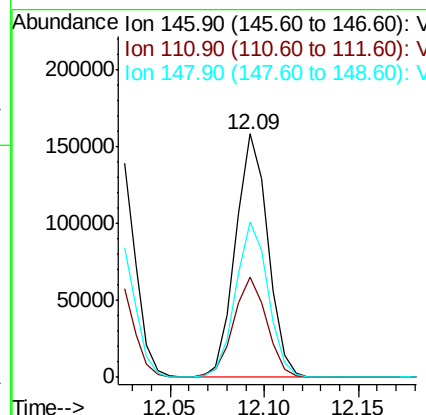
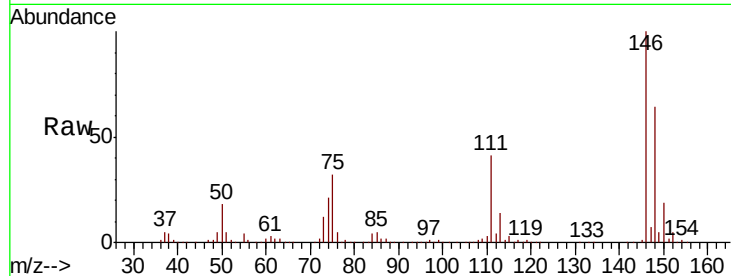




#88
 1,4-Dichlorobenzene
 Concen: 51.179 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

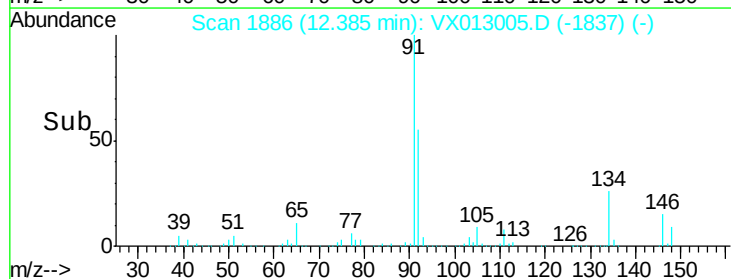
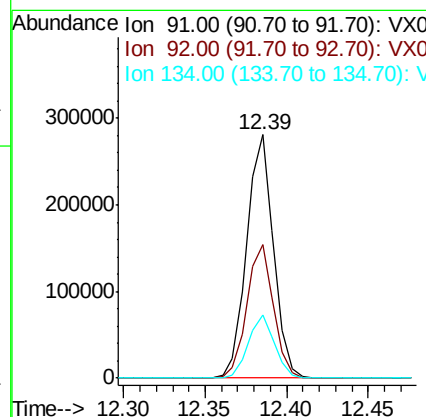
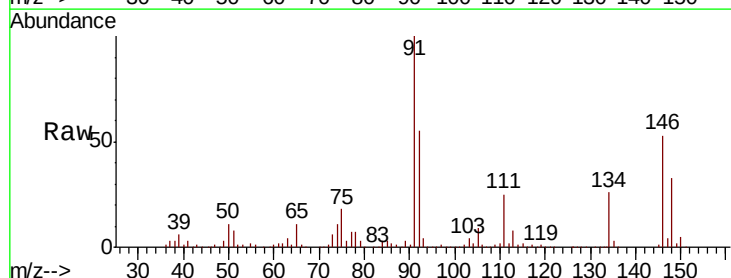
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MSD

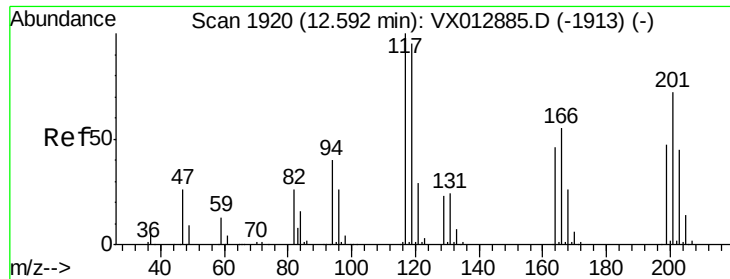
Tot Ion:146 Resp: 188418
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.4 64.3
 148 64.0 32.1 96.5



#89
 n-Butylbenzene
 Concen: 52.536 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Tgt Ion: 91 Resp: 321019
 Ion Ratio Lower Upper
 91 100
 92 54.5 27.5 82.5
 134 25.6 12.9 38.7

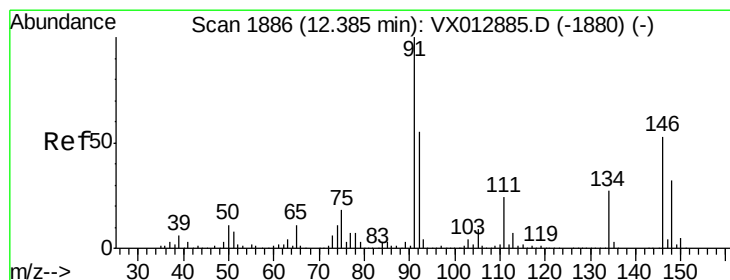
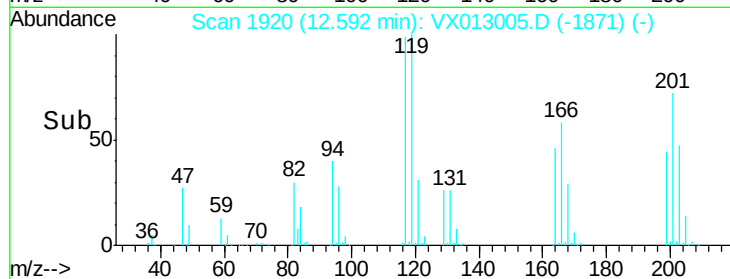
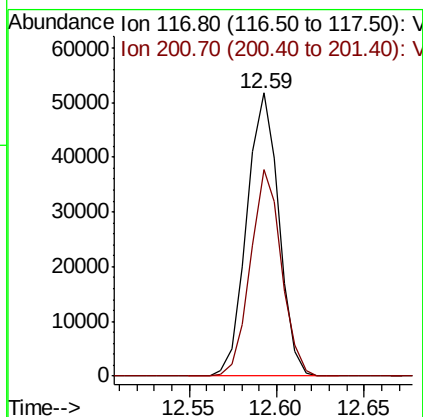
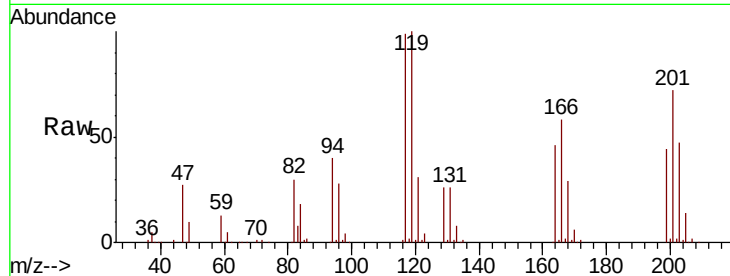




#90
Hexachloroethane
Concen: 49.162 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

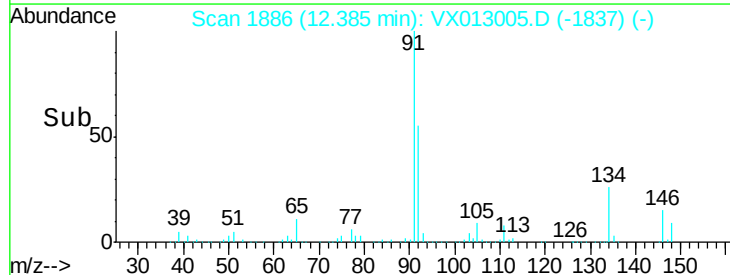
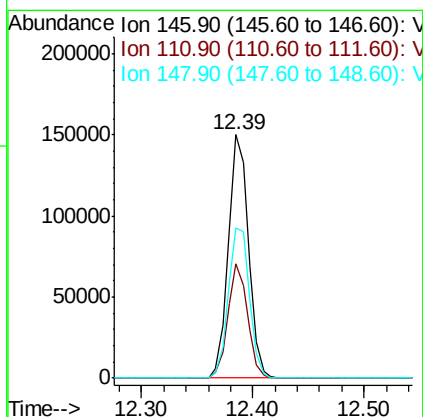
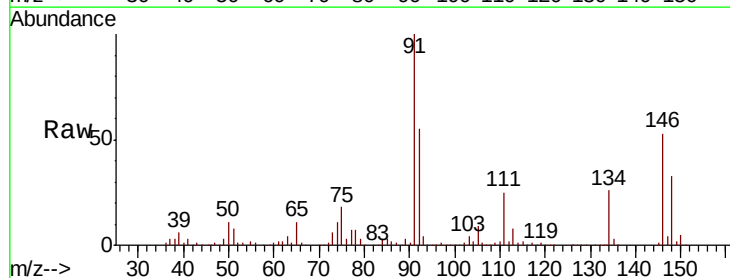
Instrument :
MSVOA_X
ClientSampleId :
S49-0555MSD

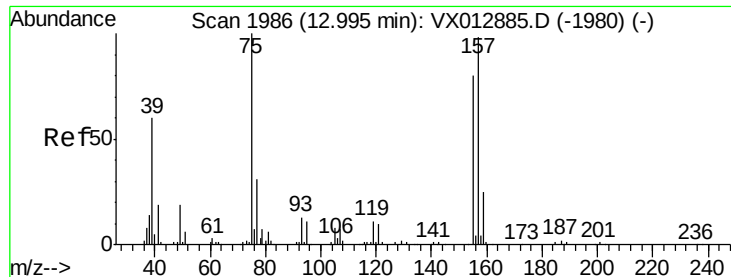
Tot Ion:117 Resp: 66150
Ion Ratio Lower Upper
117 100
201 70.7 36.9 110.7



#91
1,2-Dichlorobenzene
Concen: 52.630 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013005.D
Acq: 10 Oct 2019 18:50

Tgt Ion:146 Resp: 187559
Ion Ratio Lower Upper
146 100
111 45.5 22.7 68.0
148 64.9 31.6 94.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 55.954 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MSD

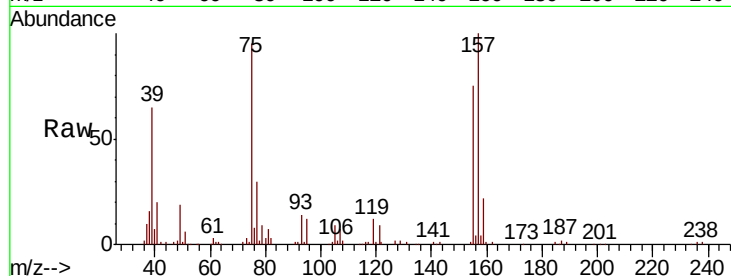
Tot Ion: 75 Resp: 36235

Ion Ratio Lower Upper

75 100

155 82.8 43.0 128.8

157 110.3 54.1 162.3

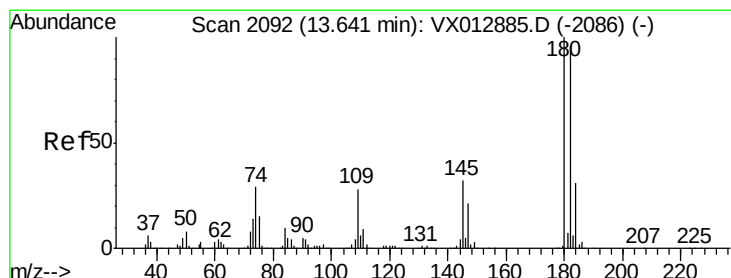
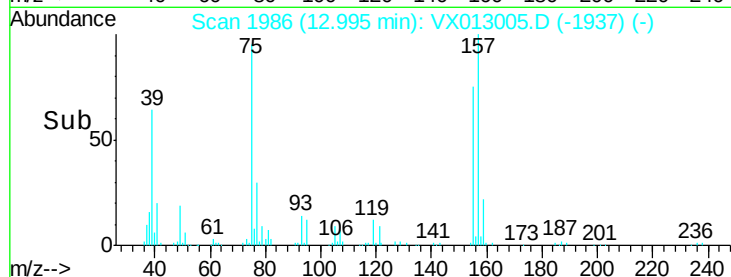


Abundance Ion 74.90 (74.60 to 75.60): VX013005.D (-1937) (-)

Ion 154.80 (154.50 to 155.50): VX013005.D (-1937) (-)

Ion 156.80 (156.50 to 157.50): VX013005.D (-1937) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 50.643 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

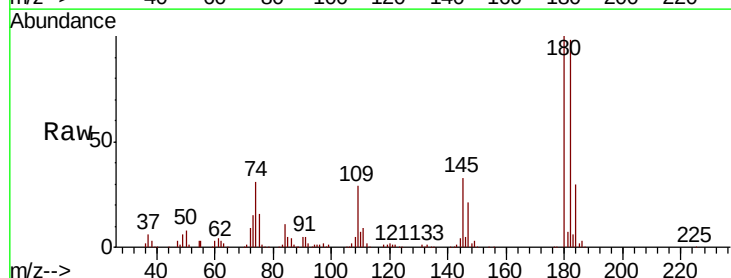
Tgt Ion: 180 Resp: 113056

Ion Ratio Lower Upper

180 100

182 95.6 46.8 140.4

145 33.3 16.2 48.6

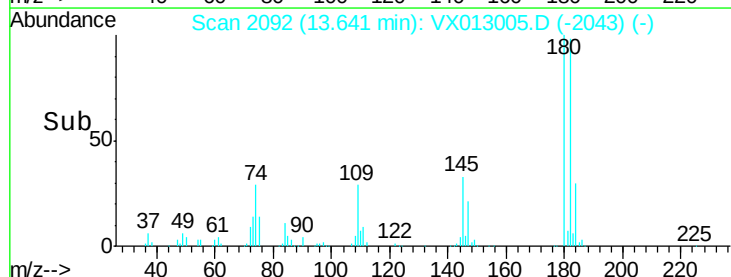


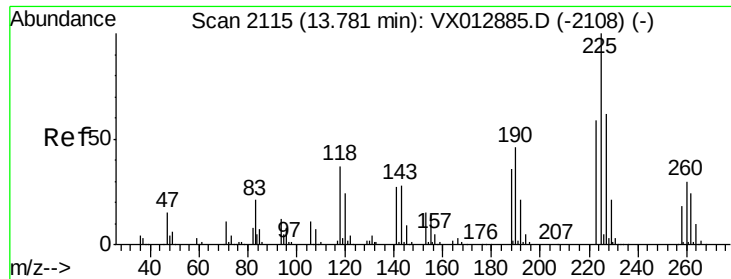
Abundance Ion 179.80 (179.50 to 180.50): VX013005.D (-2043) (-)

Ion 181.80 (181.50 to 182.50): VX013005.D (-2043) (-)

Ion 144.80 (144.50 to 145.50): VX013005.D (-2043) (-)

Time-->





#94

Hexachlorobutadiene

Concen: 47.560 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

S49-0555MSD

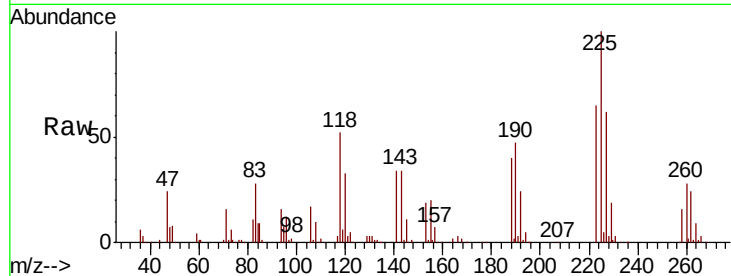
Tot Ion:225 Resp: 48999

Ion Ratio Lower Upper

225 100

223 61.7 31.1 93.2

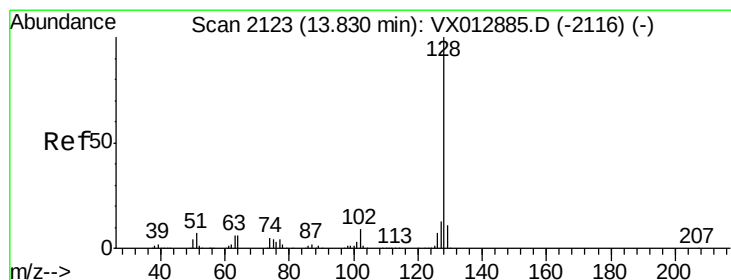
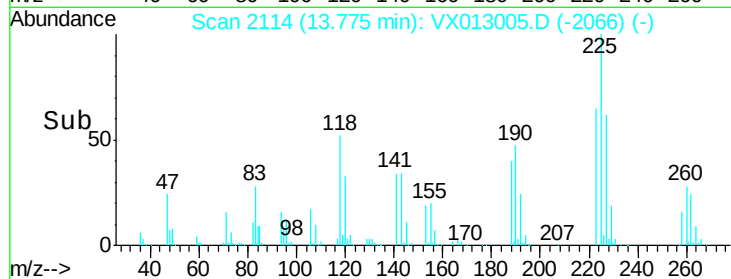
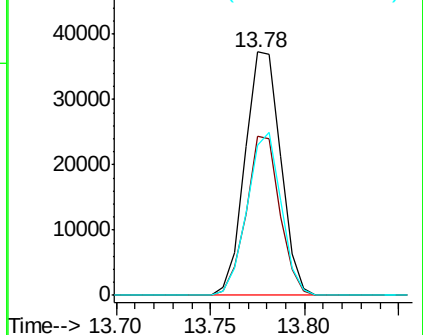
227 63.8 32.3 96.9



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: 52.971 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013005.D

Acq: 10 Oct 2019 18:50

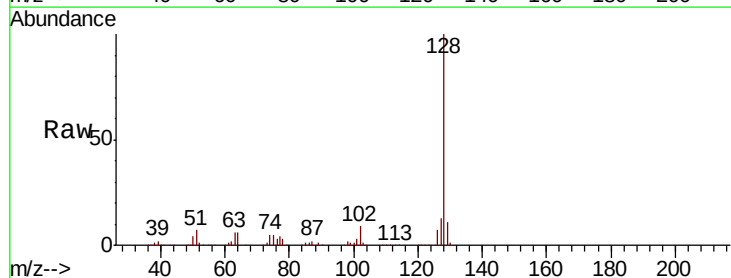
Tgt Ion:128 Resp: 409928

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

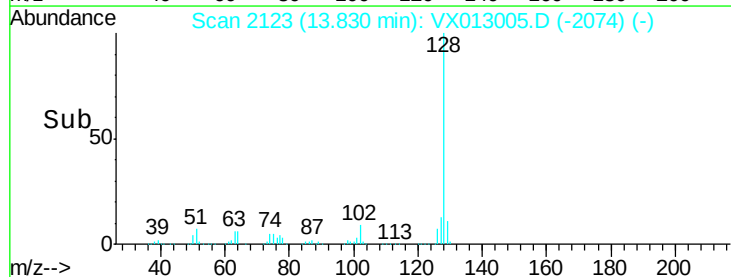
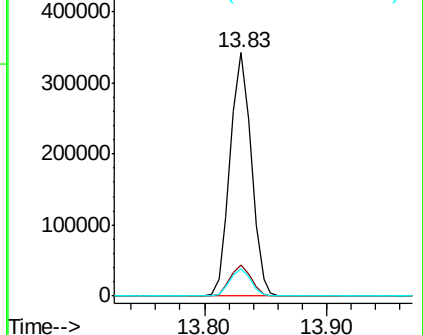
129 11.1 8.8 13.2

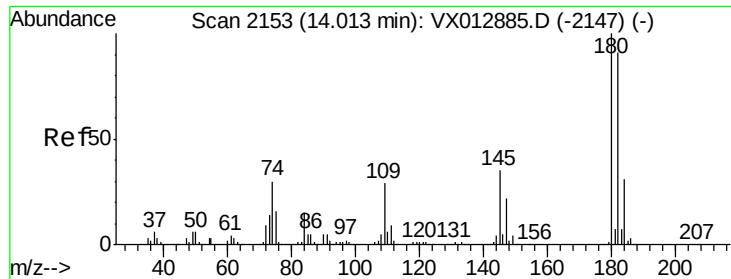


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

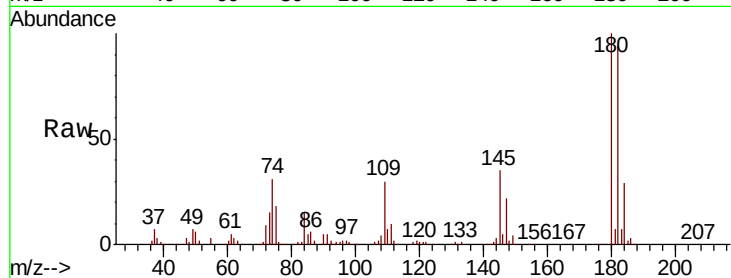




#96
 1,2,3-Trichlorobenzene
 Concen: 50.764 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX013005.D
 Acq: 10 Oct 2019 18:50

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.5	142.5
145	35.5	17.4	52.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

