

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042420\
 Data File : VY002479.D
 Acq On : 24 Apr 2020 14:02
 Operator : SY/MD
 Sample : VY0424SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 25 05:50:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	272747	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	436734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	329749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	148905	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	116966	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
35) Dibromofluoromethane	7.74	113	99342	40.33	ug/l	0.00
Spiked Amount			Recovery	=	80.66%	
50) Toluene-d8	10.19	98	439101	44.35	ug/l	0.00
Spiked Amount			Recovery	=	88.70%	
62) 4-Bromofluorobenzene	12.49	95	105272	31.69	ug/l	0.00
Spiked Amount			Recovery	=	63.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	40254	20.153	ug/l	95
3) Chloromethane	2.13	50	42301	16.644	ug/l	99
4) Vinyl Chloride	2.26	62	46461	25.448	ug/l	98
5) Bromomethane	2.66	94	32308	31.530	ug/l	96
6) Chloroethane	2.80	64	29710	32.051	ug/l	97
7) Trichlorofluoromethane	3.14	101	88402	26.703	ug/l	98
8) Diethyl Ether	3.55	74	33394	24.472	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	52647	23.102	ug/l	100
10) Methyl Iodide	4.11	142	74489	21.188	ug/l	99
11) Tert butyl alcohol	4.99	59	28743	128.105	ug/l	98
12) 1,1-Dichloroethene	3.89	96	53911	23.090	ug/l	98
13) Acrolein	3.75	56	21450	119.426	ug/l	99
14) Allyl chloride	4.50	41	76967	22.431	ug/l	95
15) Acrylonitrile	5.19	53	78587	120.363	ug/l	99
16) Acetone	3.97	43	60884	122.209	ug/l	95
17) Carbon Disulfide	4.21	76	156498	21.496	ug/l	99
18) Methyl Acetate	4.50	43	38979	24.314	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	146883	23.313	ug/l	99
20) Methylene Chloride	4.74	84	60613	21.310	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	58146	22.120	ug/l	99
22) Diisopropyl ether	6.14	45	155940	22.985	ug/l	99
23) Vinyl Acetate	6.09	43	506596	117.513	ug/l	99
24) 1,1-Dichloroethane	6.05	63	90156	21.949	ug/l	98
25) 2-Butanone	7.01	43	78670	103.074	ug/l	98
26) 2,2-Dichloropropane	7.01	77	77803	19.806	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	57470	20.101	ug/l	98
28) Bromochloromethane	7.36	49	30292	18.904	ug/l	94
29) Tetrahydrofuran	7.37	42	49822	98.457	ug/l	96
30) Chloroform	7.53	83	85723	19.601	ug/l	100
31) Cyclohexane	7.81	56	77613	18.896	ug/l #	92
32) 1,1,1-Trichloroethane	7.72	97	80076	19.377	ug/l	99
36) 1,1-Dichloropropene	7.94	75	70961	18.949	ug/l	98
37) Ethyl Acetate	7.10	43	36554	19.430	ug/l	98
38) Carbon Tetrachloride	7.92	117	80959	18.800	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	95285	19.505	ug/l	99
40) Benzene	8.18	78	222207	20.530	ug/l	98
41) Methacrylonitrile	7.37	41	46673	40.267	ug/l #	43
42) 1,2-Dichloroethane	8.25	62	65382	20.795	ug/l	99
43) Isopropyl Acetate	8.29	43	75749	21.527	ug/l	98
44) Trichloroethene	8.96	130	68211	20.155	ug/l	97
45) 1,2-Dichloropropane	9.23	63	50662	20.309	ug/l	98
46) Dibromomethane	9.32	93	30703	21.037	ug/l	97
47) Bromodichloromethane	9.52	83	74497	20.411	ug/l	97
48) Methyl methacrylate	9.31	41	34721	21.615	ug/l	97
49) 1,4-Dioxane	9.31	88	9128	490.759	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	200816	109.876	ug/l	100
52) Toluene	10.25	92	137849	19.785	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	81233	21.193	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	90156	20.550	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	38050	17.633	ug/l	96
56) Ethyl methacrylate	10.52	69	62405	21.165	ug/l	98
57) 1,3-Dichloropropane	10.80	76	63383	17.398	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	156245	109.579	ug/l	100
59) 2-Hexanone	10.84	43	115881	90.962	ug/l	97
60) Dibromochloromethane	11.00	129	48351	17.100	ug/l	96
61) 1,2-Dibromoethane	11.10	107	36016	16.831	ug/l	99
64) Tetrachloroethene	10.73	164	60899	20.151	ug/l	97
65) Chlorobenzene	11.53	112	131611	20.703	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	49868	20.907	ug/l	99
67) Ethyl Benzene	11.60	91	227814	20.108	ug/l	99
68) m/p-Xylenes	11.71	106	173915	39.875	ug/l	99
69) o-Xylene	12.04	106	70250	17.393	ug/l	99
70) Styrene	12.05	104	122510	17.420	ug/l	98
71) Bromoform	12.22	173	26964	17.945	ug/l #	99
73) Isopropylbenzene	12.34	105	195521	19.640	ug/l	98
74) N-amyl acetate	12.15	43	41591	17.631	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	27712	18.125	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	46683	36.990	ug/l #	100
77) Bromobenzene	12.62	156	49774	19.936	ug/l	95
78) n-propylbenzene	12.68	91	217393	18.808	ug/l	98
79) 2-Chlorotoluene	12.77	91	121902	19.274	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	168311	19.920	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	12541	18.388	ug/l #	87
82) 4-Chlorotoluene	12.86	91	129961	19.881	ug/l	99
83) tert-Butylbenzene	13.08	119	146876	20.018	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	168056	20.732	ug/l	100
85) sec-Butylbenzene	13.26	105	196523	20.003	ug/l	99
86) p-Isopropyltoluene	13.37	119	191346	20.423	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	96147	20.821	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	94240	20.524	ug/l	98
89) n-Butylbenzene	13.70	91	164310	19.011	ug/l	99
90) Hexachloroethane	13.97	117	32273	19.057	ug/l	93
91) 1,2-Dichlorobenzene	13.75	146	84712	21.302	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6397	21.075	ug/l	98

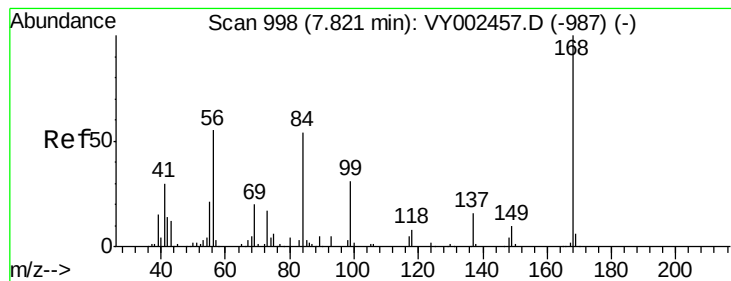
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042420\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	68033	21.676	ug/l	99
94) Hexachlorobutadiene	15.12	225	41583	21.953	ug/l	99
95) Naphthalene	15.25	128	128483	22.072	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	52332	19.657	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

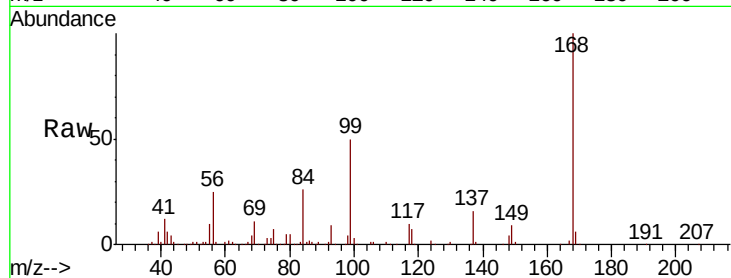
ClientSampleId :

Tot Ion:168 Resp: 272747

Ion Ratio Lower Upper

168 100

99 49.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.81

150000

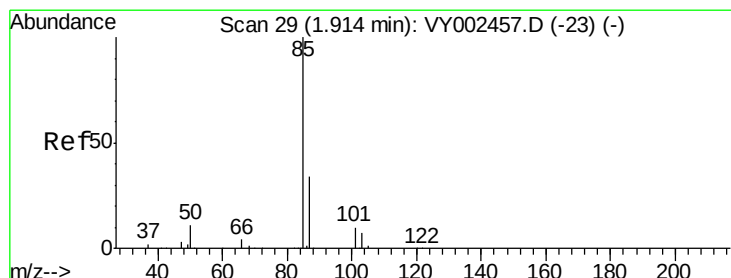
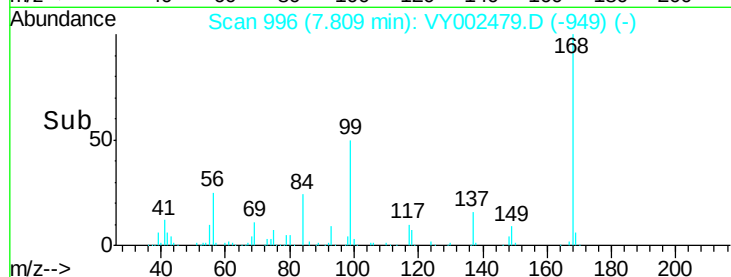
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.153 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY002479.D

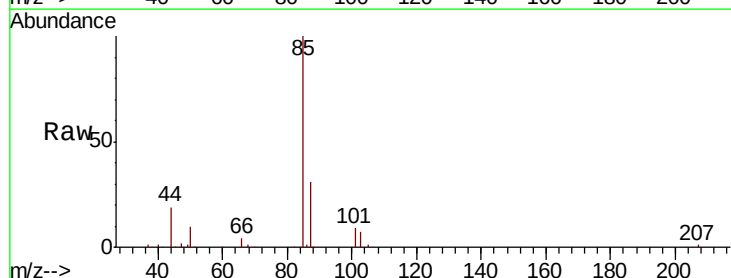
Acq: 24 Apr 2020 14:02

Tgt Ion: 85 Resp: 40254

Ion Ratio Lower Upper

85 100

87 31.4 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY002457.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY002457.D (-23) (-)

1.91

30000

25000

20000

15000

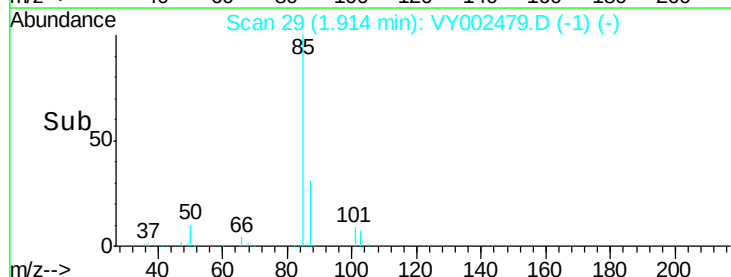
10000

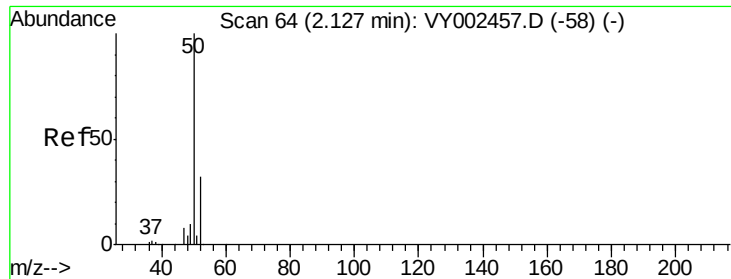
5000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 16.644 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

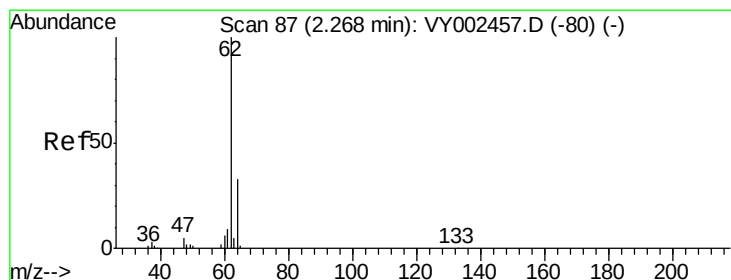
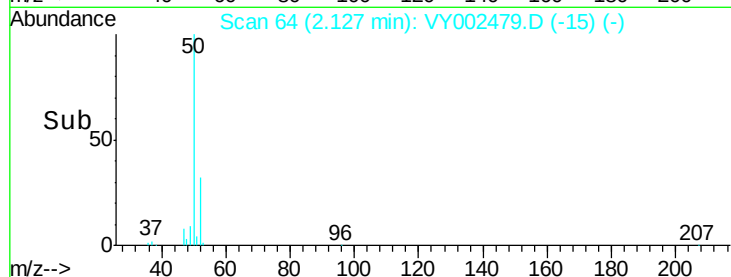
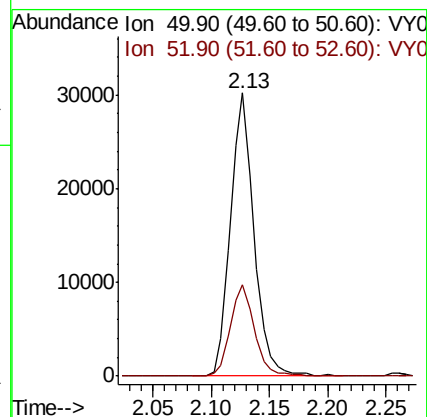
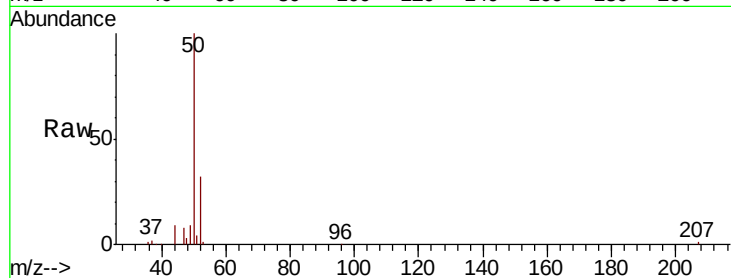
ClientSampleId :

Tot Ion: 50 Resp: 42301

Ion Ratio Lower Upper

50 100

52 32.3 25.2 37.8



#4

Vinyl Chloride

Concen: 25.448 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002479.D

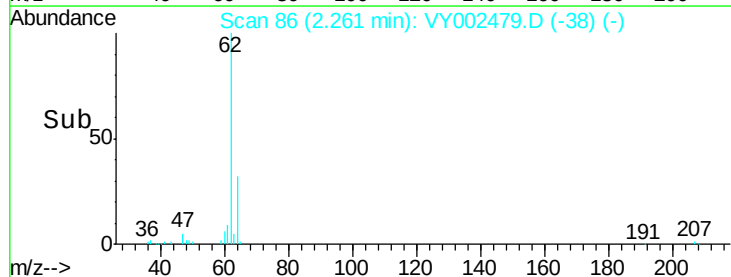
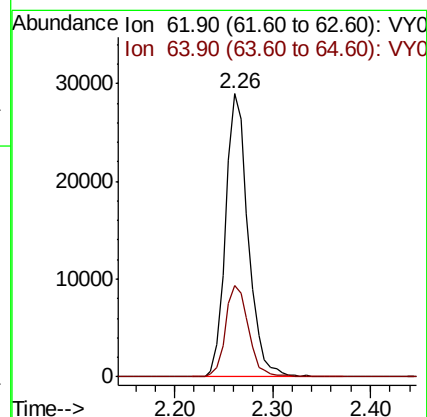
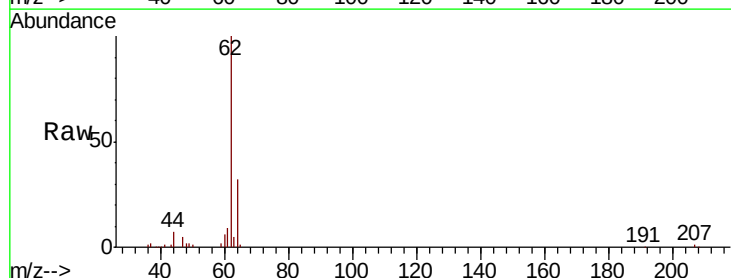
Acq: 24 Apr 2020 14:02

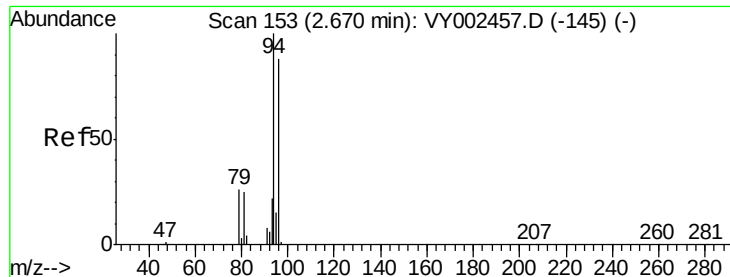
Tgt Ion: 62 Resp: 46461

Ion Ratio Lower Upper

62 100

64 32.1 26.6 39.8





#5

Bromomethane

Concen: 31.530 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

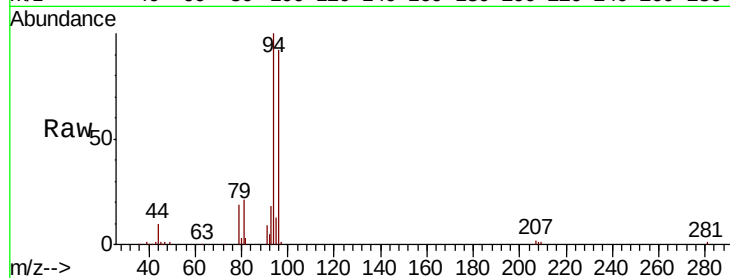
ClientSampleId :

Tot Ion: 94 Resp: 32308

Ion Ratio Lower Upper

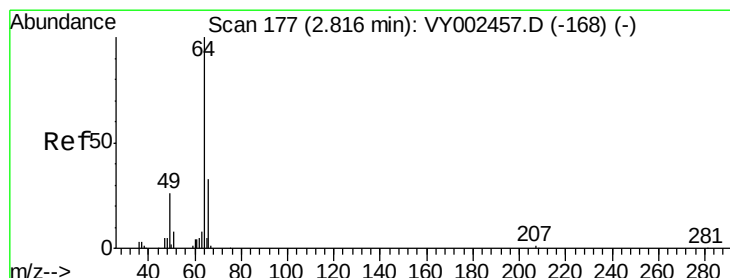
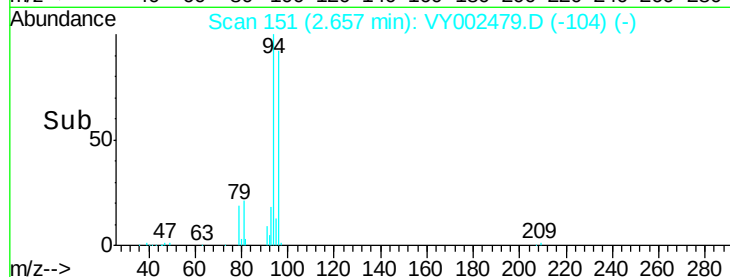
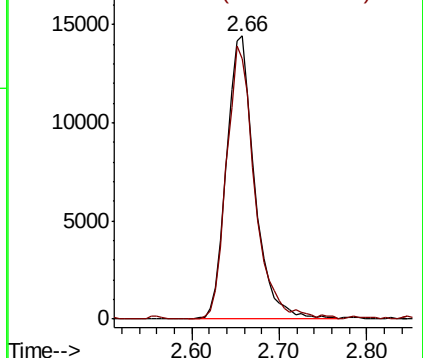
94 100

96 91.8 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 32.051 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY002479.D

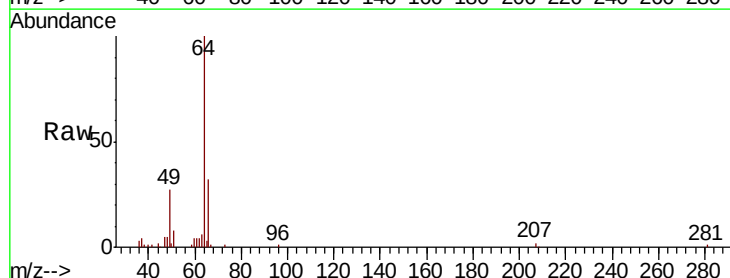
Acq: 24 Apr 2020 14:02

Tgt Ion: 64 Resp: 29710

Ion Ratio Lower Upper

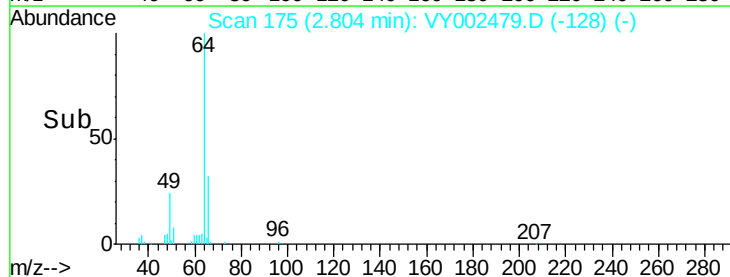
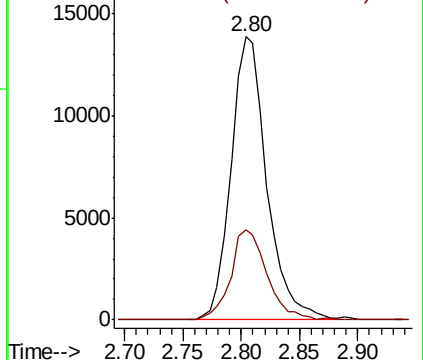
64 100

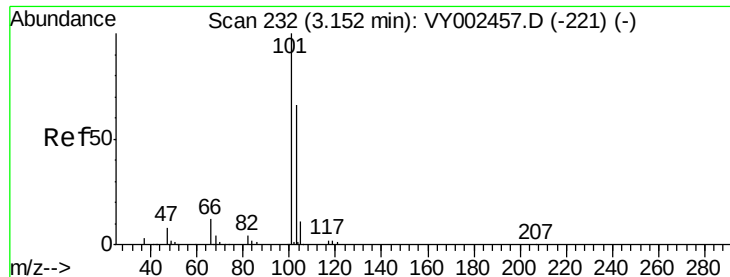
66 31.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



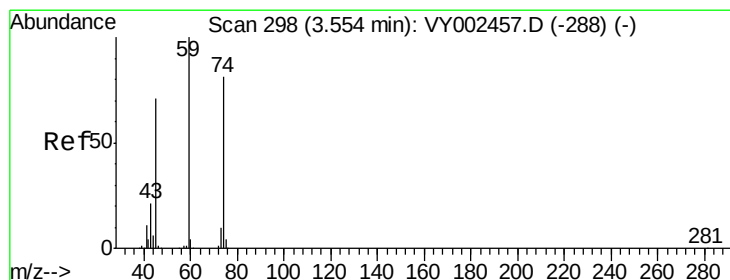
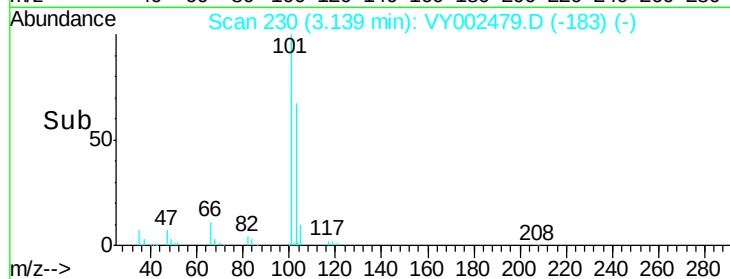
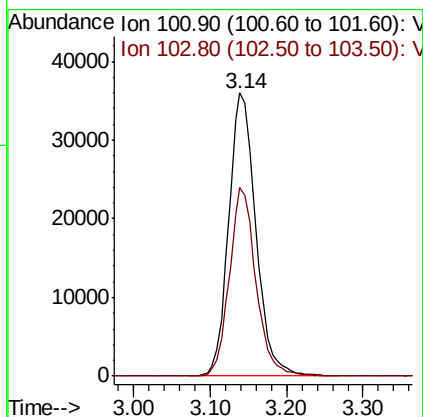
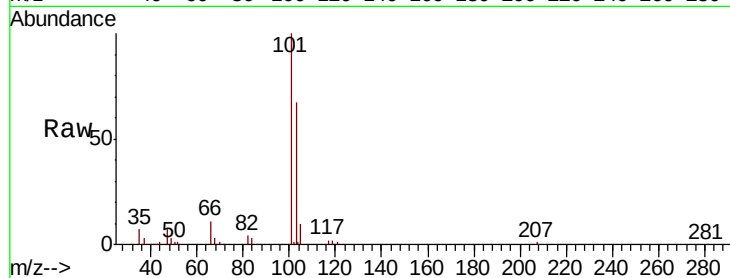


#7

Trichlorofluoromethane
Concen: 26.703 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Instrument :
MSVOA_Y
ClientSampleId :

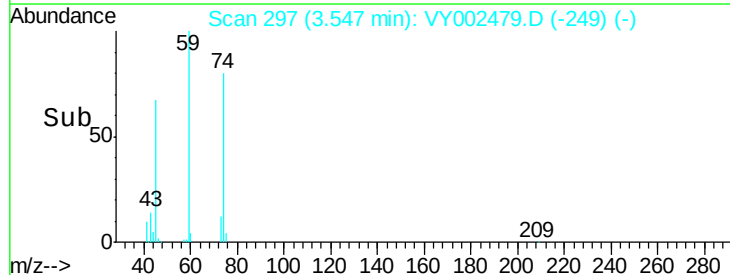
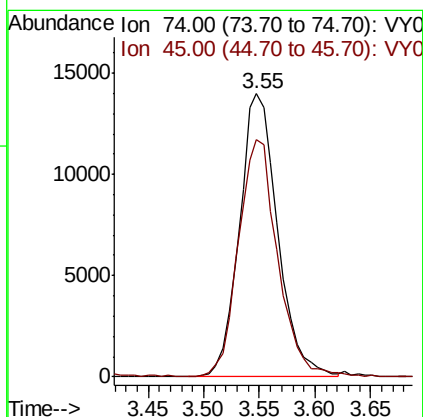
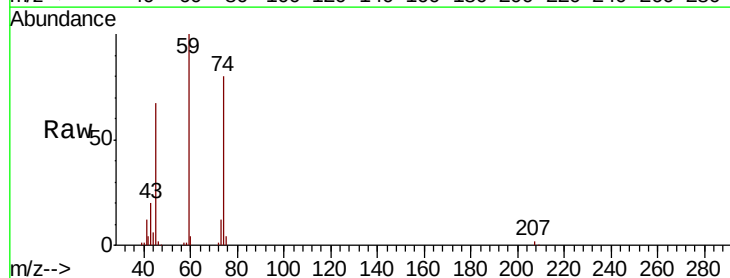
Tot Ion:101 Resp: 88402
Ion Ratio Lower Upper
101 100
103 66.8 52.5 78.7

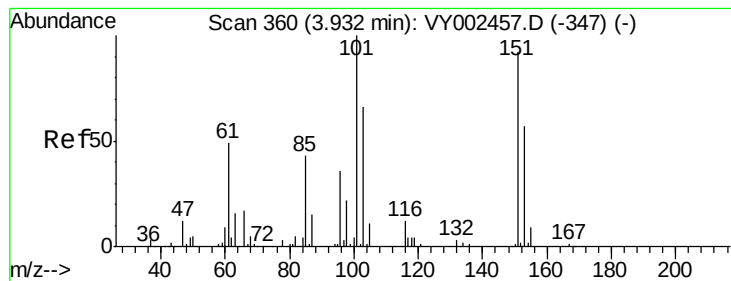


#8

Diethyl Ether
Concen: 24.472 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion: 74 Resp: 33394
Ion Ratio Lower Upper
74 100
45 86.1 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.102 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

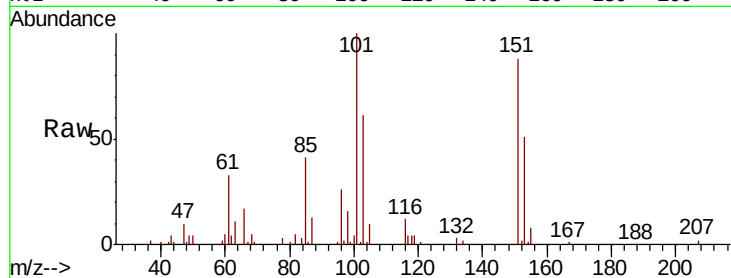
Tot Ion:101 Resp: 52647

Ion Ratio Lower Upper

101 100

85 42.2 34.1 51.1

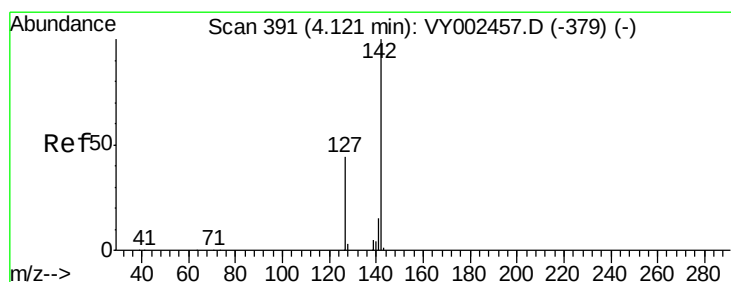
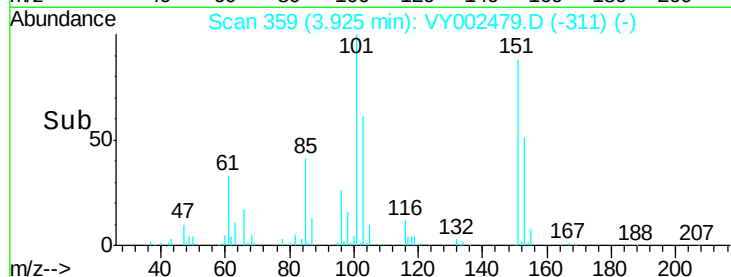
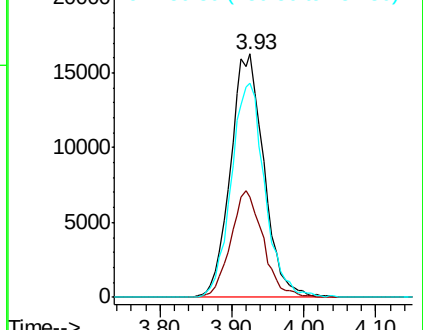
151 87.9 70.3 105.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.188 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

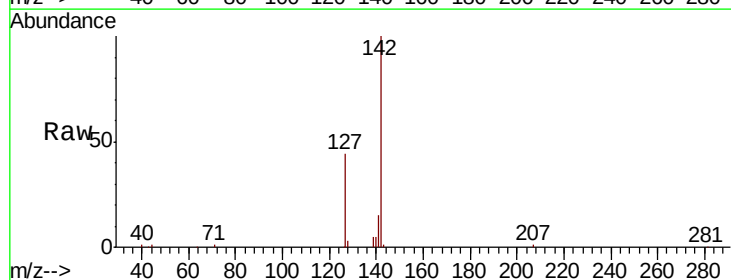
Tgt Ion:142 Resp: 74489

Ion Ratio Lower Upper

142 100

127 43.9 35.8 53.8

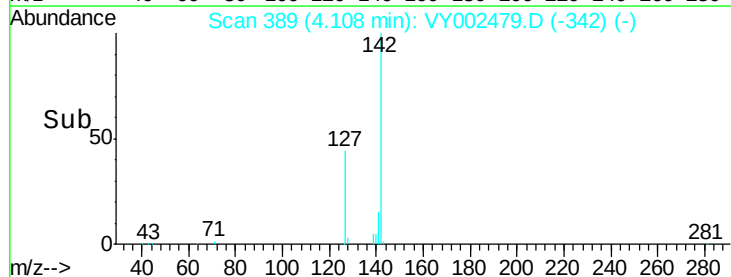
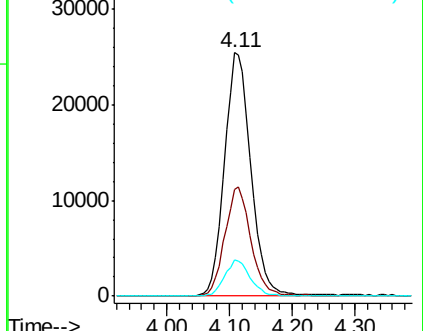
141 14.3 11.6 17.4

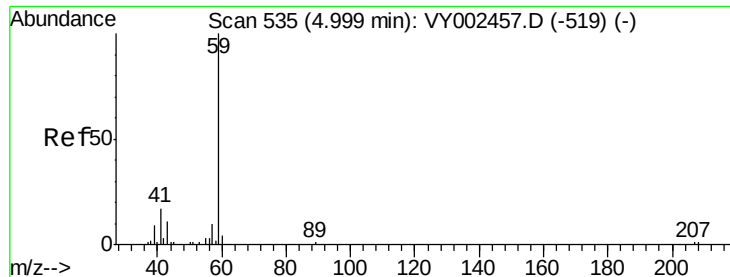


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

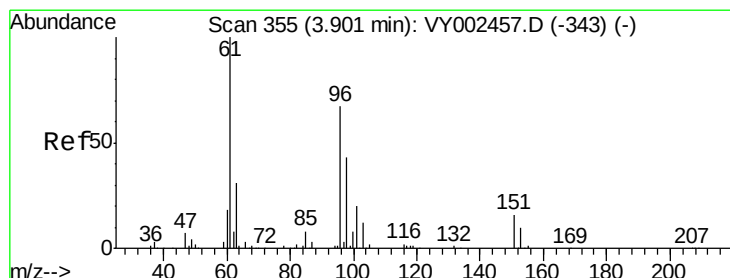
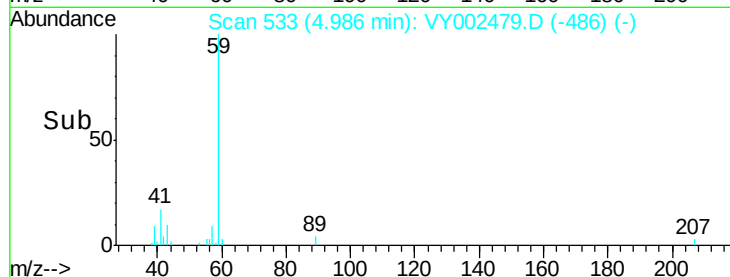
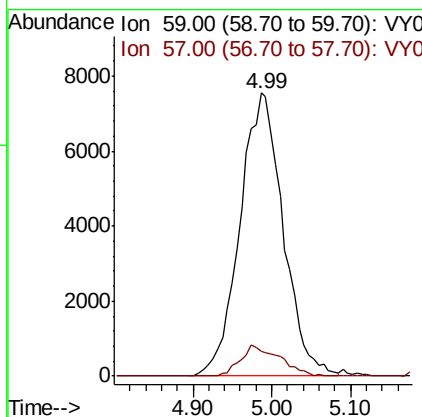
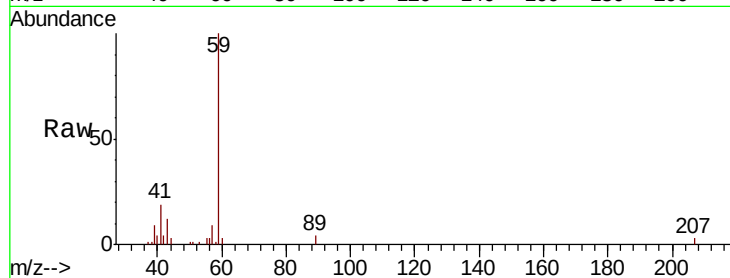




#11
Tert butyl alcohol
Concen: 128.105 ug/l
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

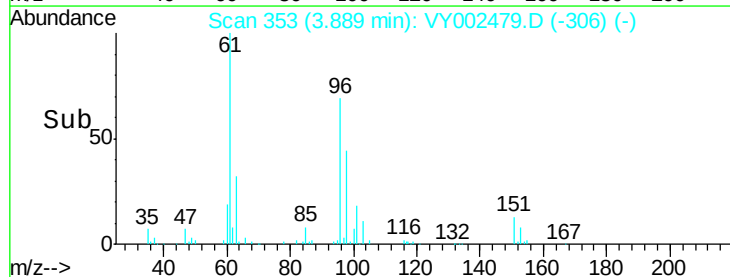
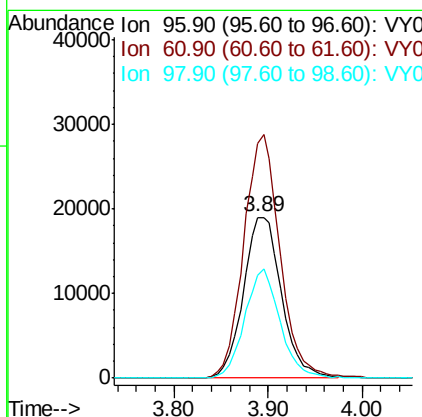
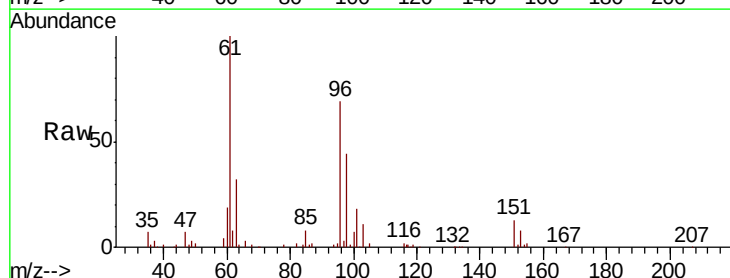
Instrument :
MSVOA_Y
ClientSampleId :

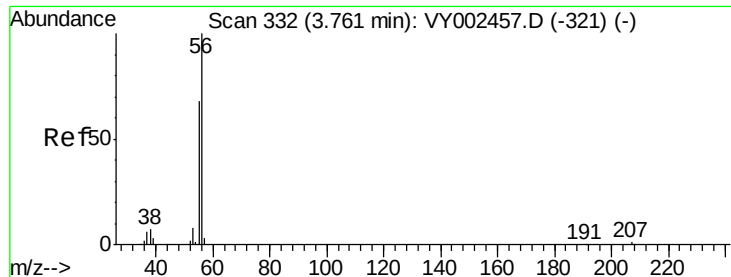
Tot Ion: 59 Resp: 28743
Ion Ratio Lower Upper
59 100
57 9.8 8.4 12.6



#12
1,1-Dichloroethene
Concen: 23.090 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion: 96 Resp: 53911
Ion Ratio Lower Upper
96 100
61 145.9 119.0 178.6
98 64.2 51.4 77.2

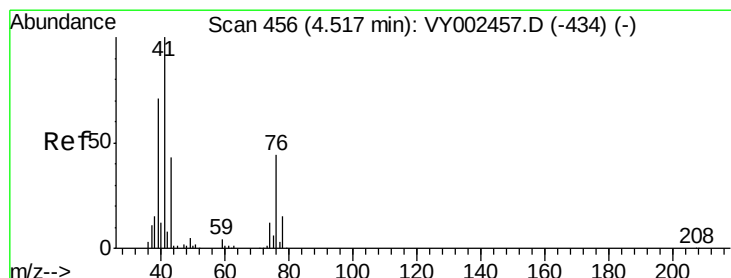
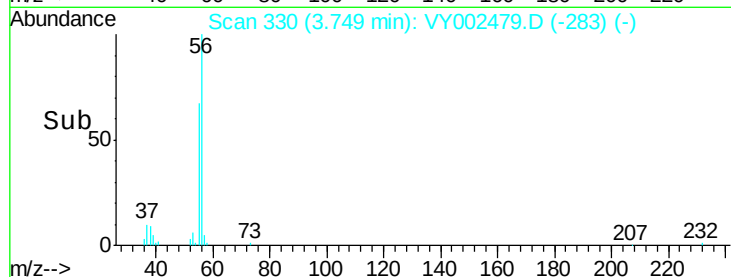
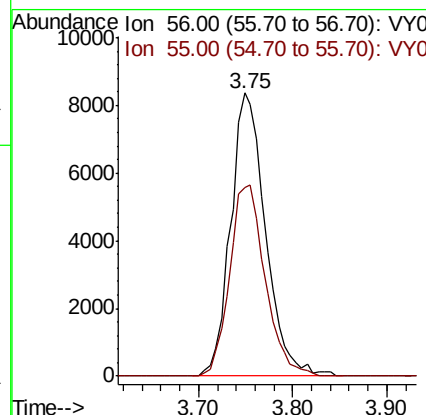
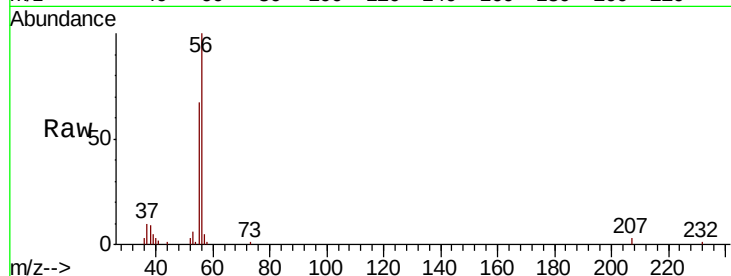




#13
Acrolein
Concen: 119.426 ug/l
RT: 3.75 min Scan# 330
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

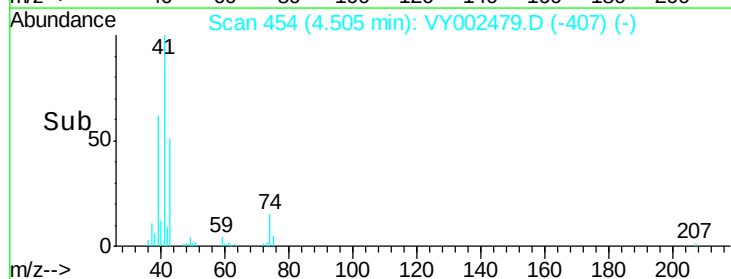
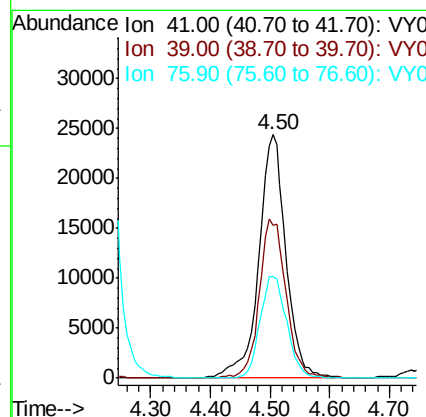
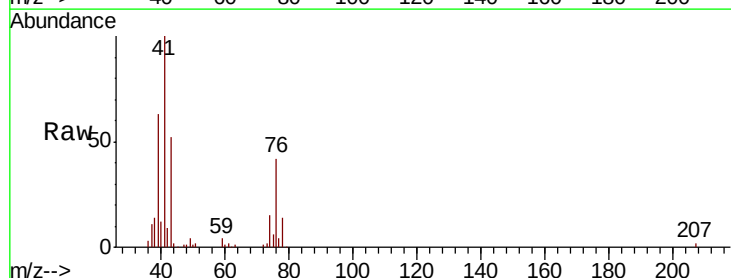
Instrument :
MSVOA_Y
ClientSampleId :

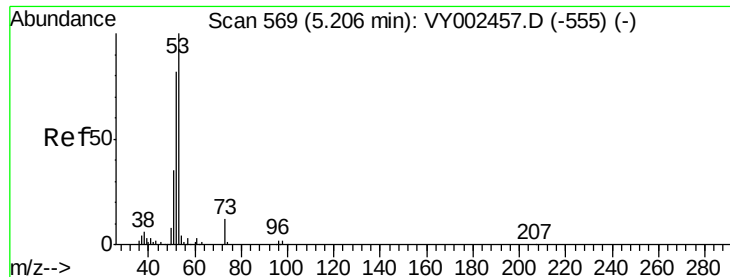
Tot Ion: 56 Resp: 21450
Ion Ratio Lower Upper
56 100
55 68.8 55.8 83.6



#14
Allyl chloride
Concen: 22.431 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion: 41 Resp: 76967
Ion Ratio Lower Upper
41 100
39 64.3 55.1 82.7
76 41.0 34.3 51.5





#15

Acrylonitrile

Concen: 120.363 ug/l

RT: 5.19 min Scan# 567

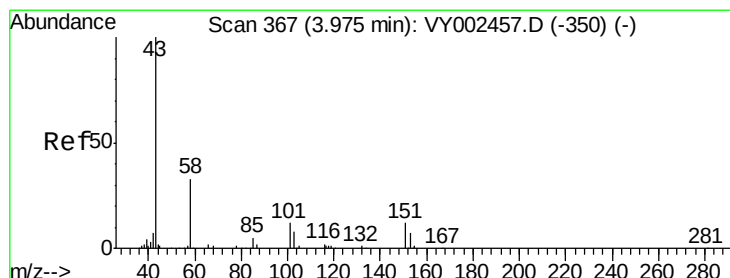
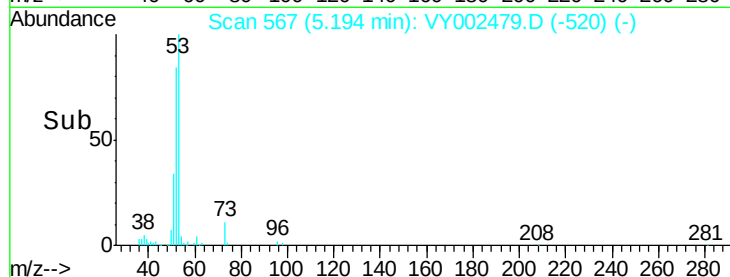
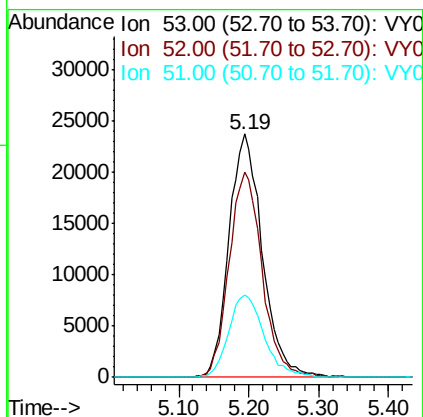
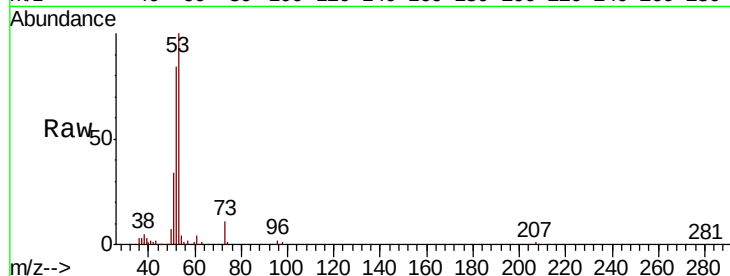
Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	53	Resp:	78587
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.4	98.2
51	36.0	28.3	42.5



#16

Acetone

Concen: 122.209 ug/l

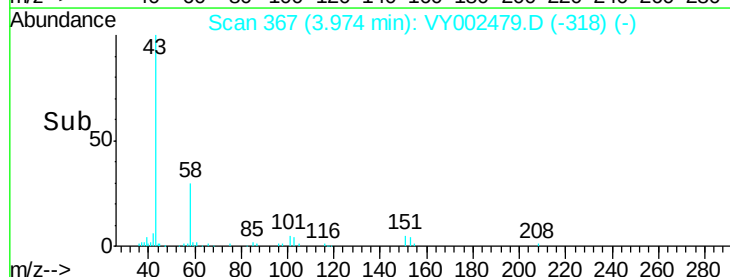
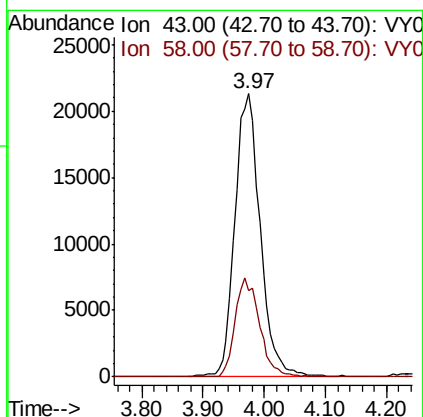
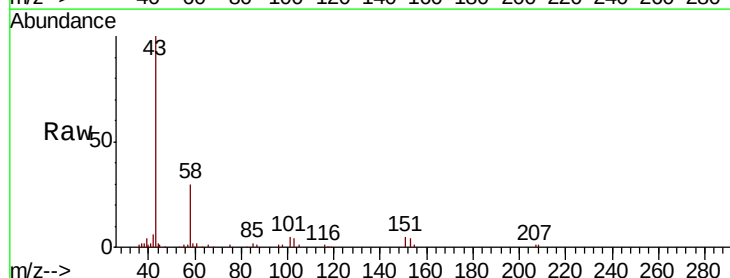
RT: 3.97 min Scan# 367

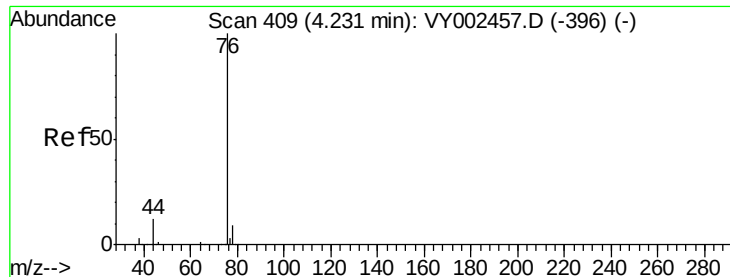
Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Tgt Ion:	43	Resp:	60884
Ion	Ratio	Lower	Upper
43	100		
58	30.4	26.4	39.6





#17

Carbon Disulfide

Concen: 21.496 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.02 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

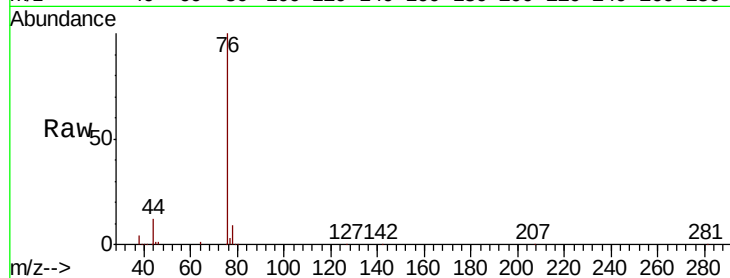
ClientSampleId :

Tot Ion: 76 Resp: 156498

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.21

60000

50000

40000

30000

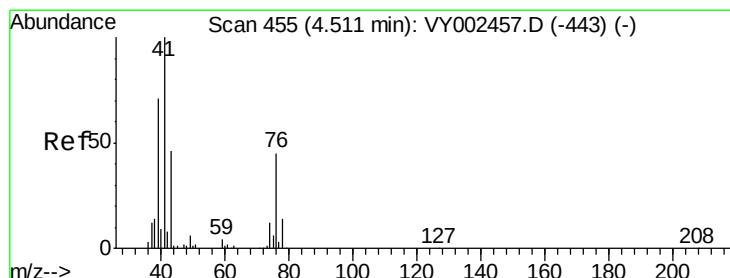
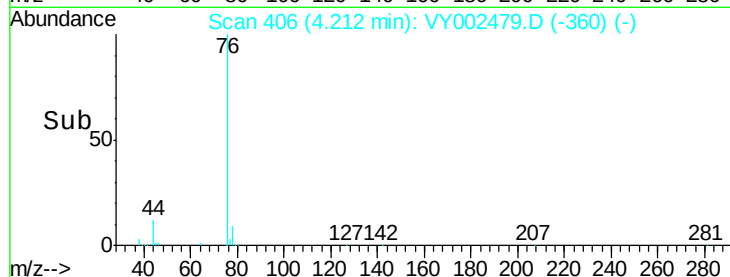
20000

10000

0

4.10 4.20 4.30 4.40

Time-->



#18

Methyl Acetate

Concen: 24.314 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.01 min

Lab File: VY002479.D

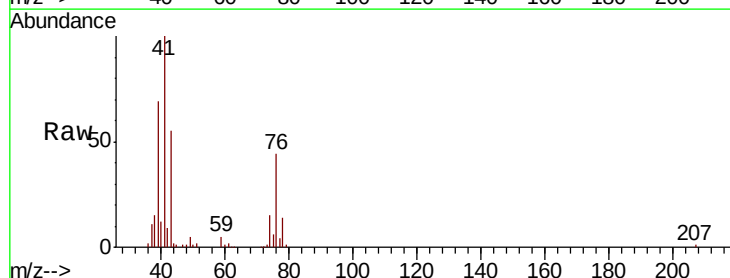
Acq: 24 Apr 2020 14:02

Tgt Ion: 43 Resp: 38979

Ion Ratio Lower Upper

43 100

74 26.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

15000

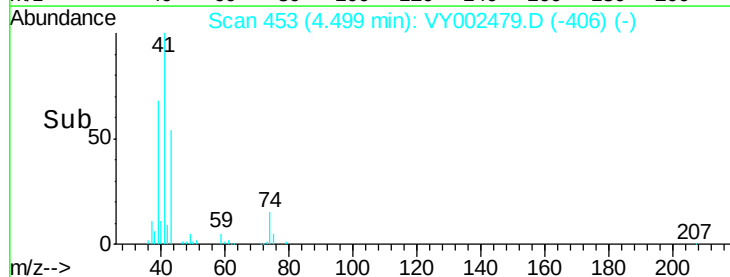
10000

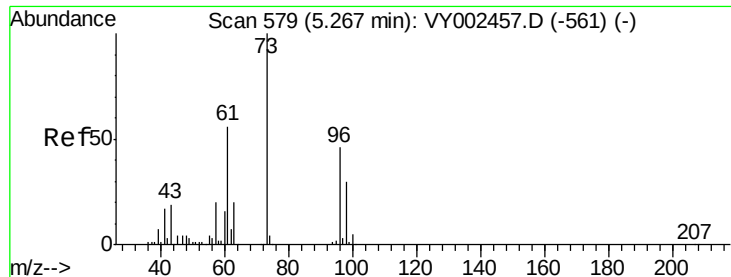
5000

0

4.40 4.50 4.60

Time-->

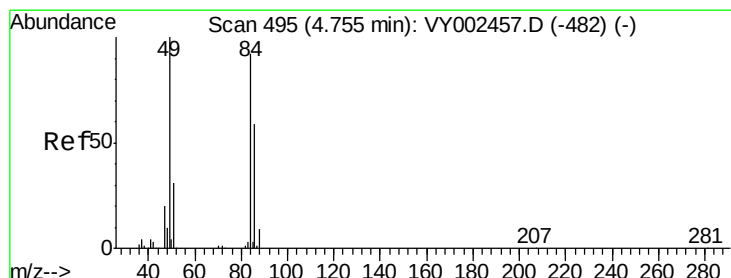
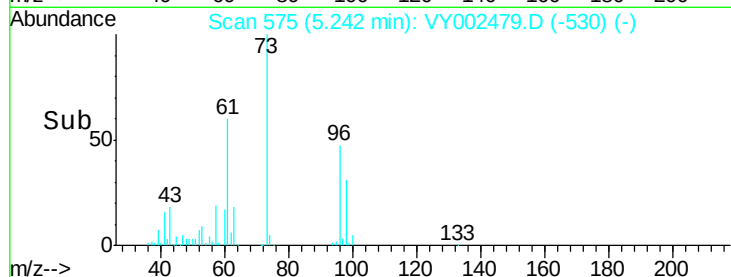
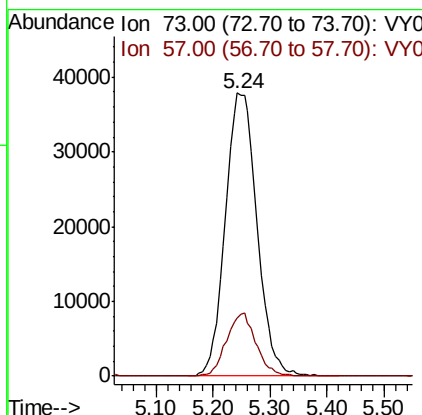
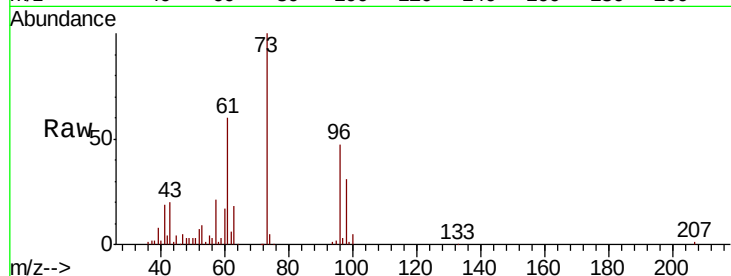




#19
Methyl tert-butyl Ether
Concen: 23.313 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.02 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

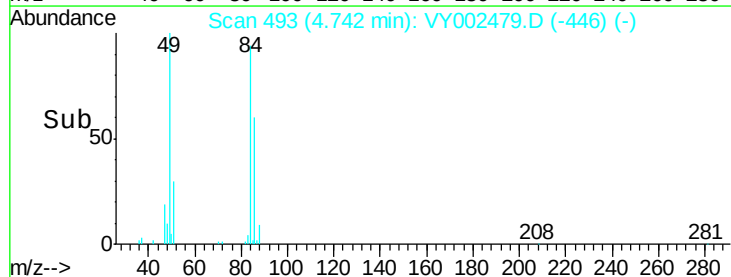
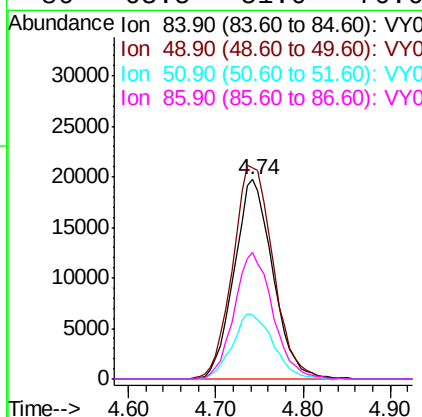
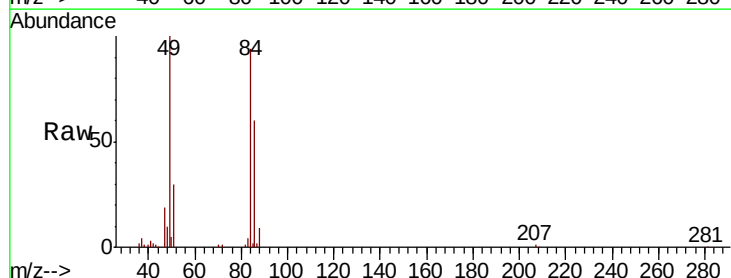
Instrument :
MSVOA_Y
ClientSampleId :

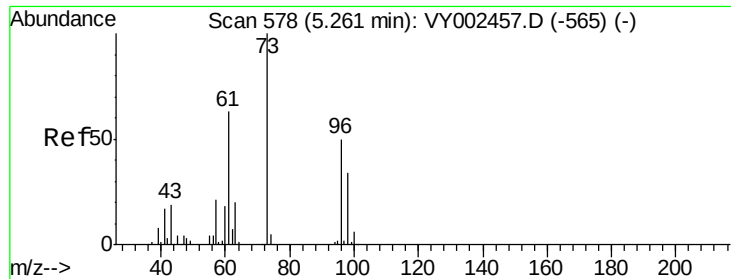
Tot Ion: 73 Resp: 146883
Ion Ratio Lower Upper
73 100
57 20.7 16.0 24.0



#20
Methylene Chloride
Concen: 21.310 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion: 84 Resp: 60613
Ion Ratio Lower Upper
84 100
49 105.8 86.9 130.3
51 32.1 27.3 40.9
86 63.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 22.120 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.02 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

ClientSampled :

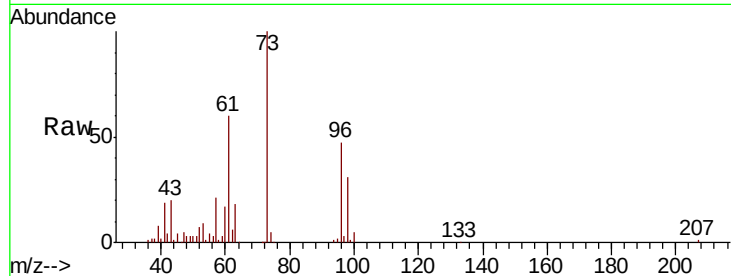
Tot Ion: 96 Resp: 58146

Ion Ratio Lower Upper

96 100

61 125.6 101.4 152.0

98 65.0 53.6 80.4

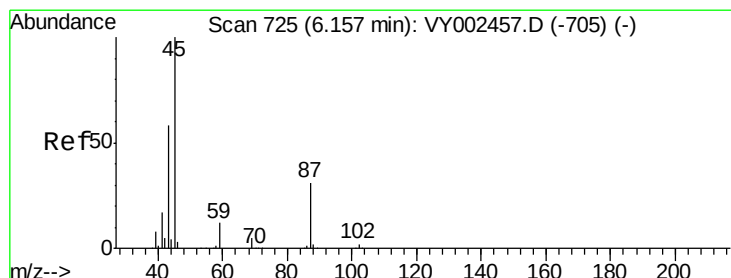
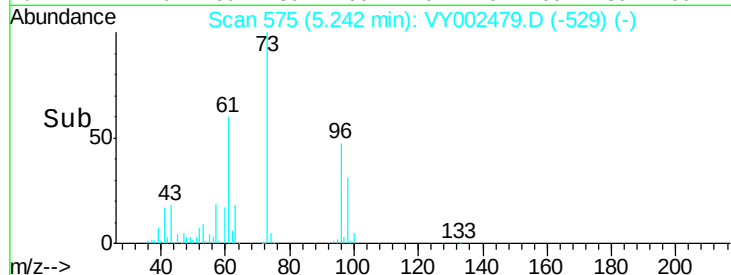
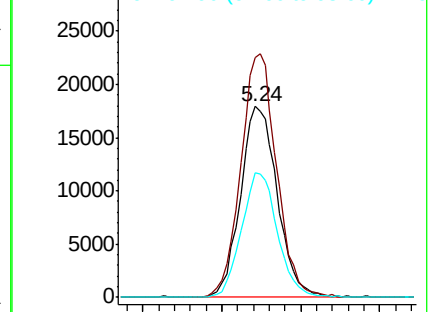


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.985 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Tgt Ion: 45 Resp: 155940

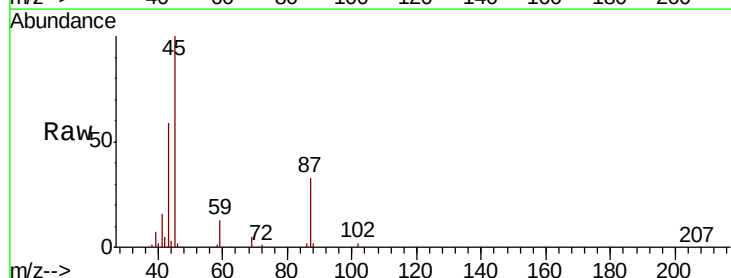
Ion Ratio Lower Upper

45 100

43 58.7 47.1 70.7

87 33.1 25.0 37.6

59 12.8 9.7 14.5



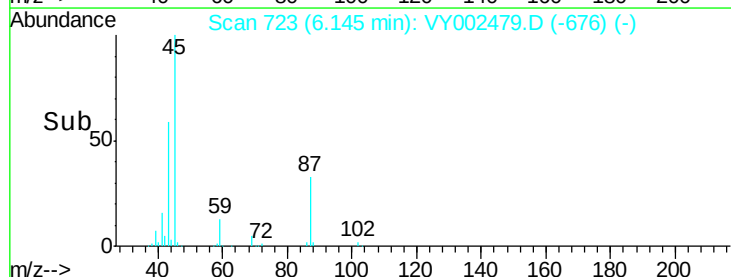
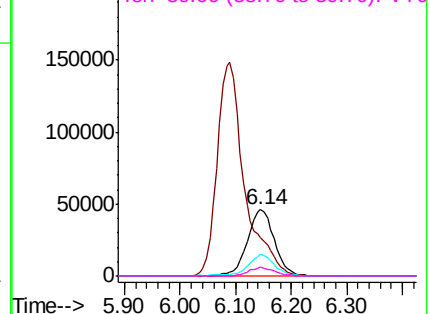
Abundance

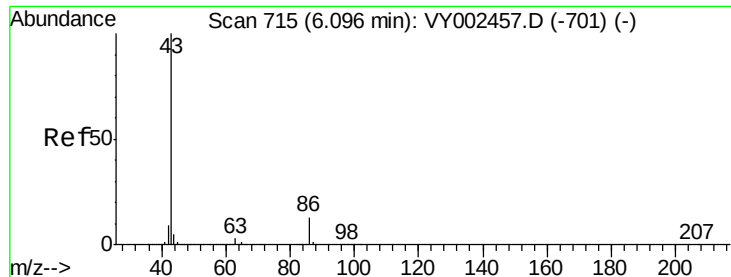
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 117.513 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

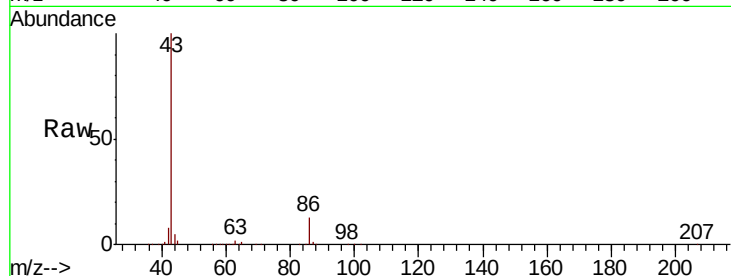
ClientSampleId :

Tot Ion: 43 Resp: 506596

Ion Ratio Lower Upper

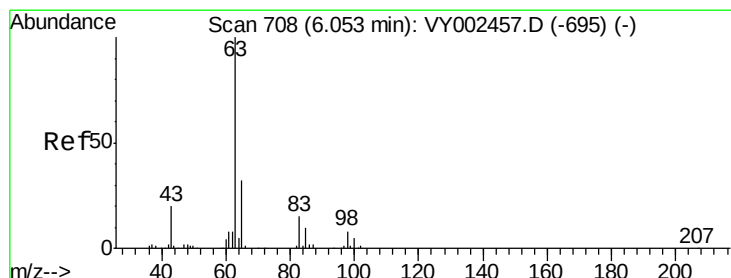
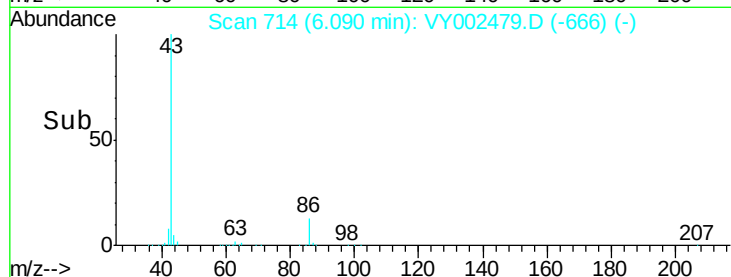
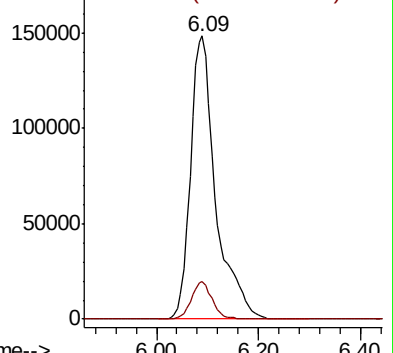
43 100

86 13.3 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.949 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

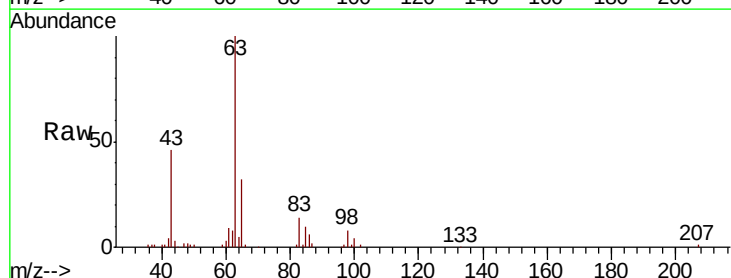
Tgt Ion: 63 Resp: 90156

Ion Ratio Lower Upper

63 100

98 7.6 4.1 12.3

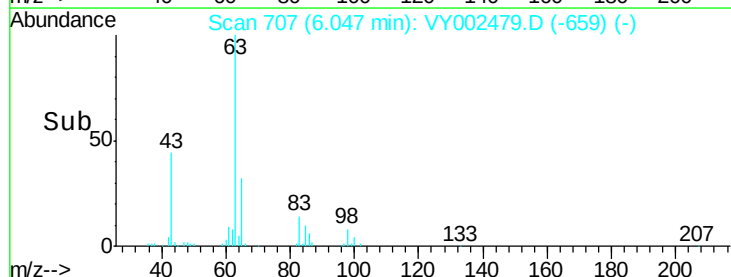
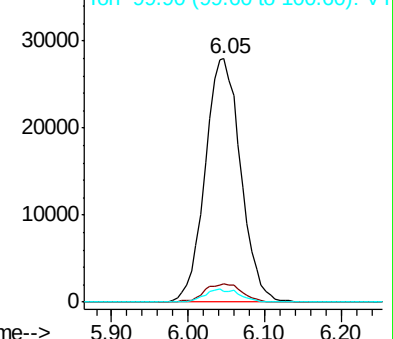
100 4.2 2.5 7.4

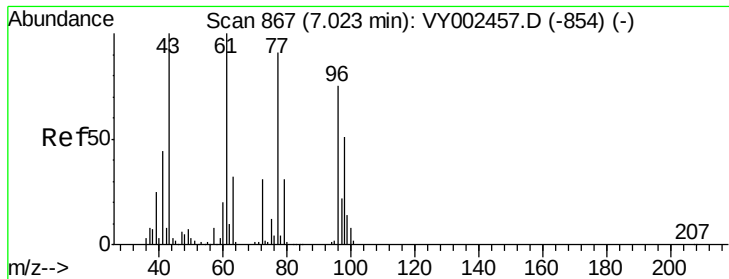


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 103.074 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

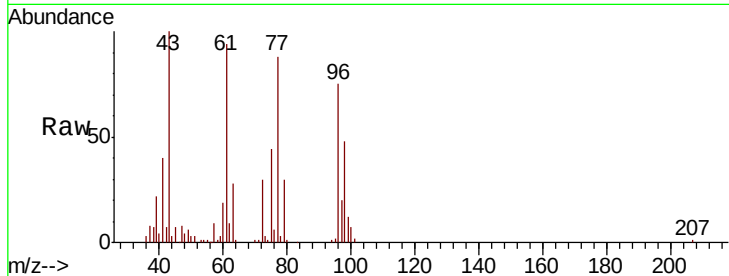
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 78670

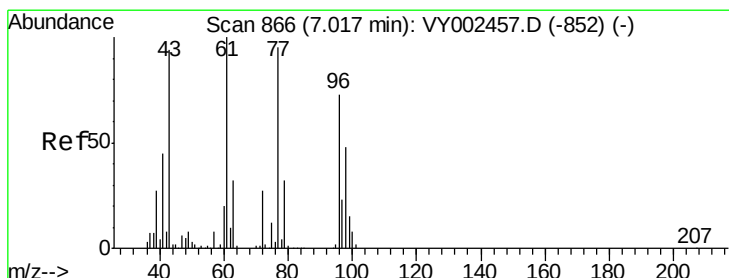
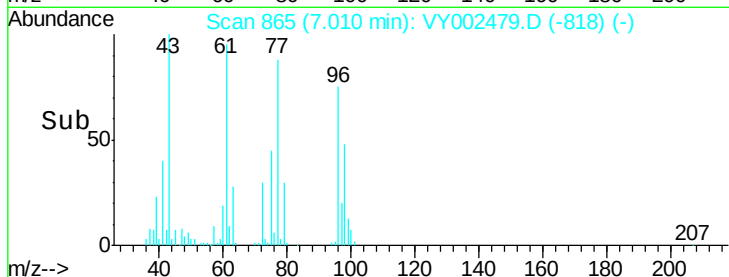
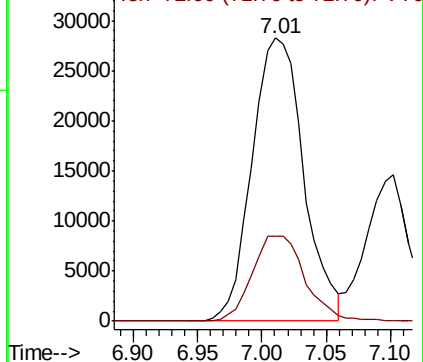
Ion Ratio Lower Upper

43 100

72 30.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 19.806 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002479.D

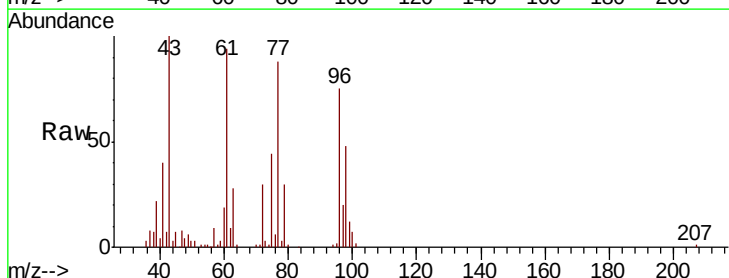
Acq: 24 Apr 2020 14:02

Tgt Ion: 77 Resp: 77803

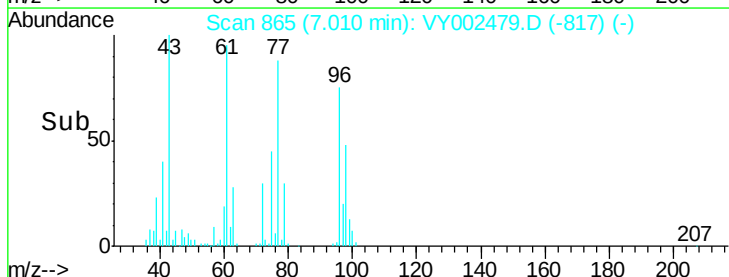
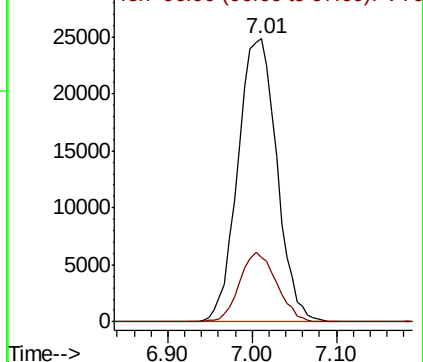
Ion Ratio Lower Upper

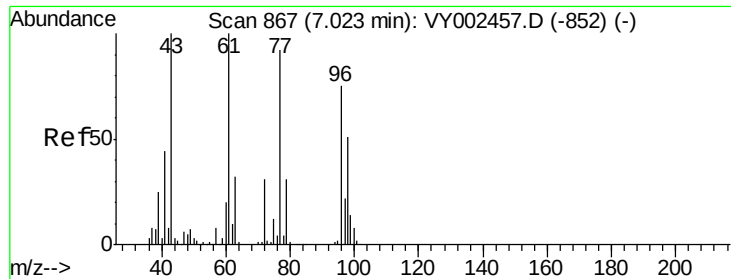
77 100

97 23.4 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0

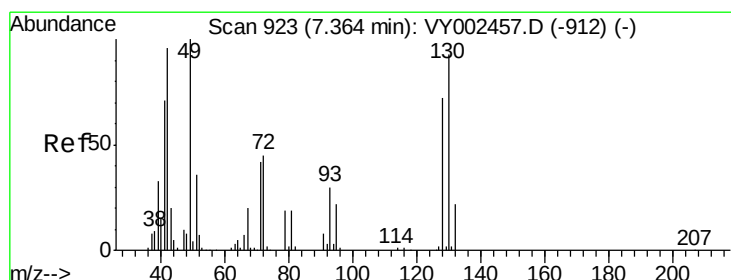
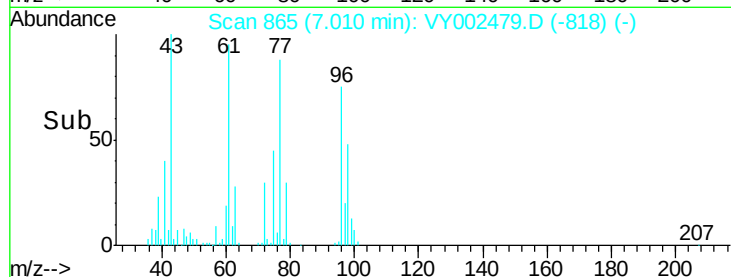
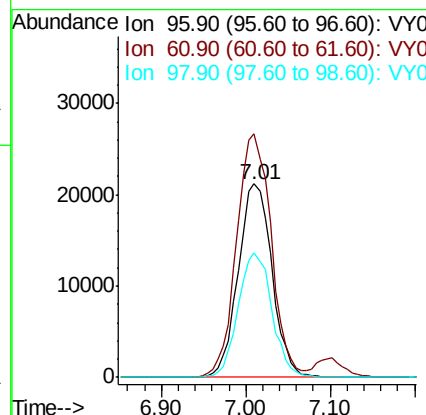
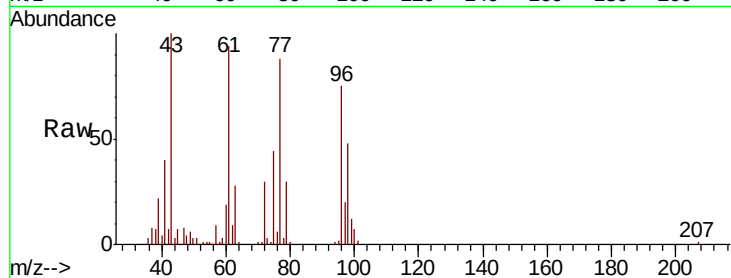




#27
 cis-1,2-Dichloroethene
 Concen: 20.101 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

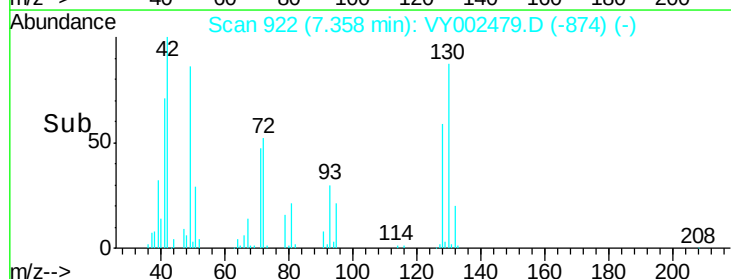
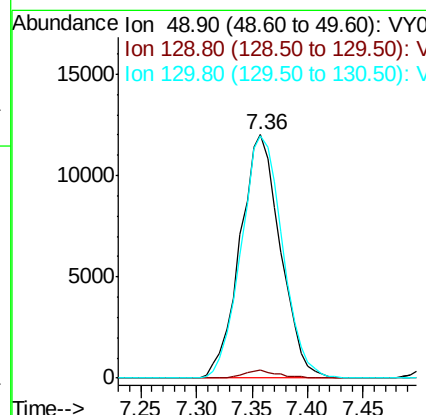
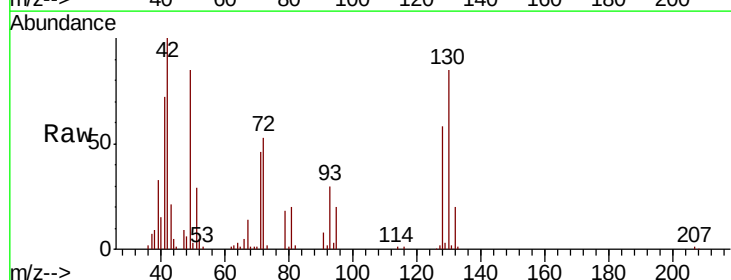
Instrument :
 MSVOA_Y
 ClientSampleId :

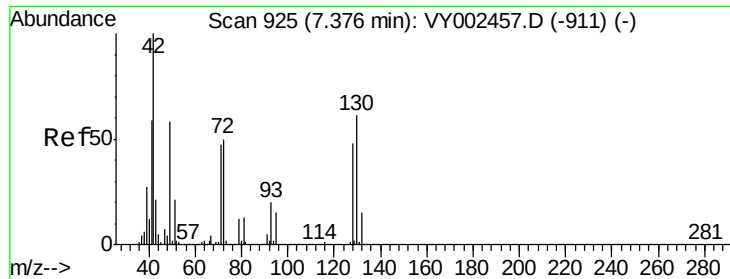
Tot Ion: 96 Resp: 57470
 Ion Ratio Lower Upper
 96 100
 61 129.1 0.0 262.6
 98 64.1 0.0 131.0



#28
 Bromochloromethane
 Concen: 18.904 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

Tgt Ion: 49 Resp: 30292
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 101.8 76.3 114.5

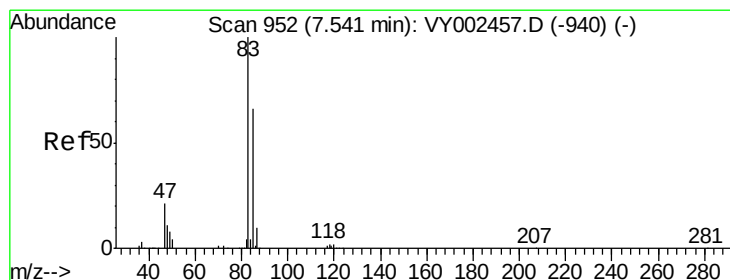
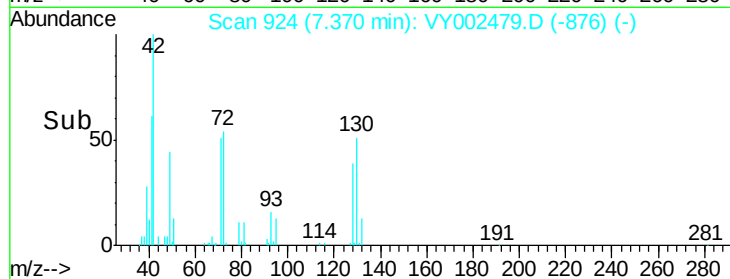
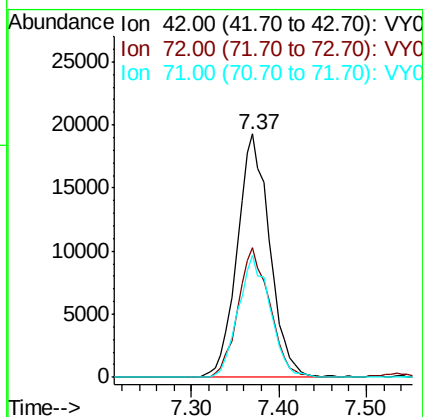
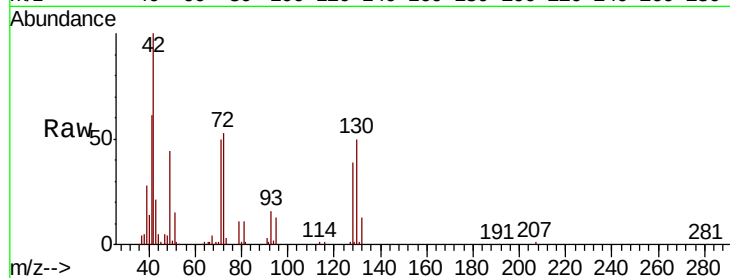




#29
Tetrahydrofuran
Concen: 98.457 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

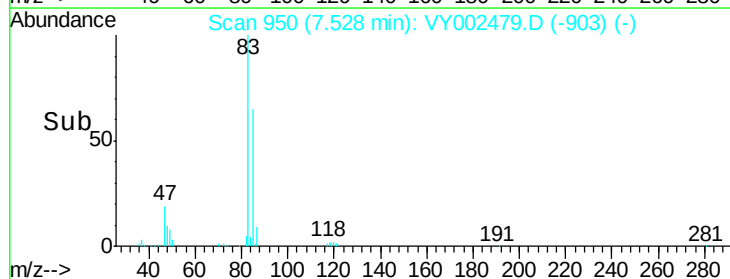
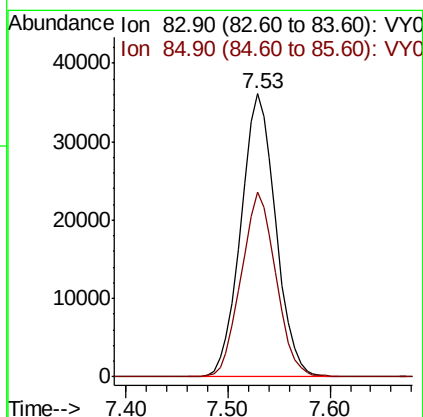
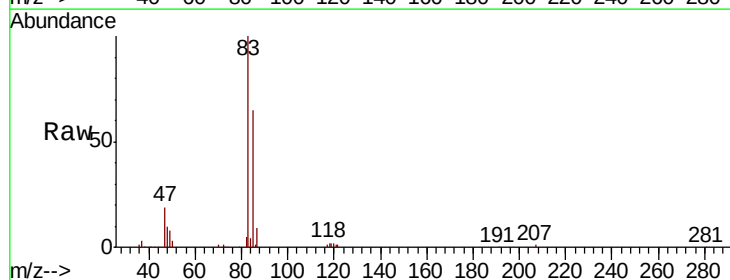
Instrument :
MSVOA_Y
ClientSampleId :

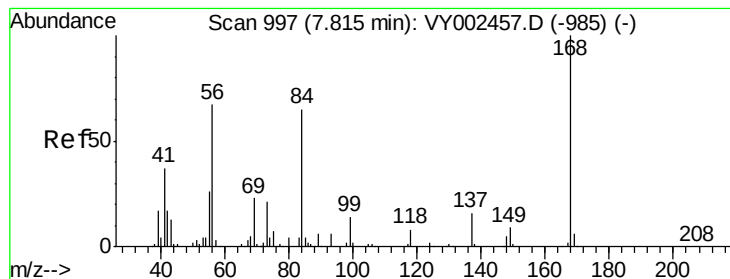
Tot Ion: 42 Resp: 49822
Ion Ratio Lower Upper
42 100
72 52.1 39.5 59.3
71 49.3 37.6 56.4



#30
Chloroform
Concen: 19.601 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion: 83 Resp: 85723
Ion Ratio Lower Upper
83 100
85 65.5 52.4 78.6





#31

Cyclohexane

Concen: 18.896 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

ClientSampled :

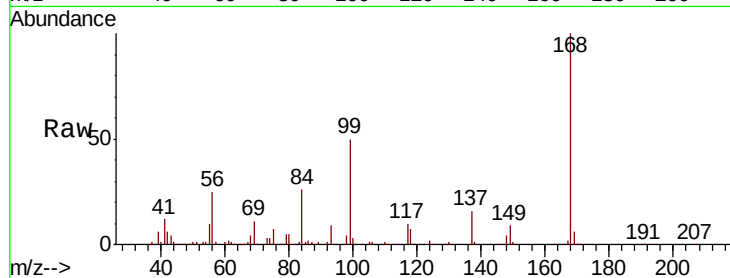
Tot Ion: 56 Resp: 77613

Ion Ratio Lower Upper

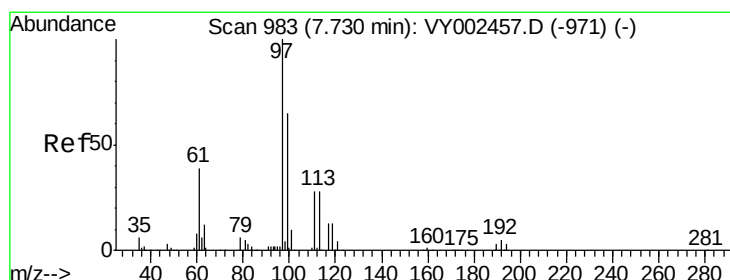
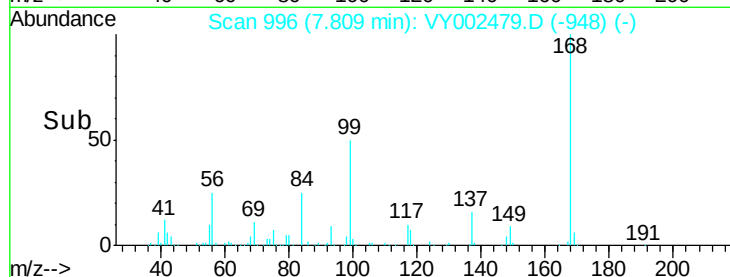
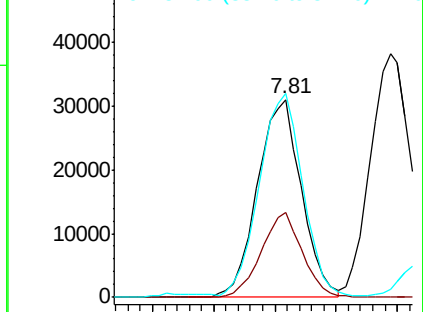
56 100

69 42.7 27.0 40.6#

84 101.6 77.4 116.2



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 19.377 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

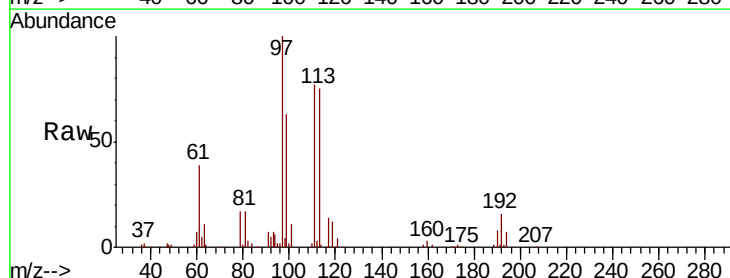
Tgt Ion: 97 Resp: 80076

Ion Ratio Lower Upper

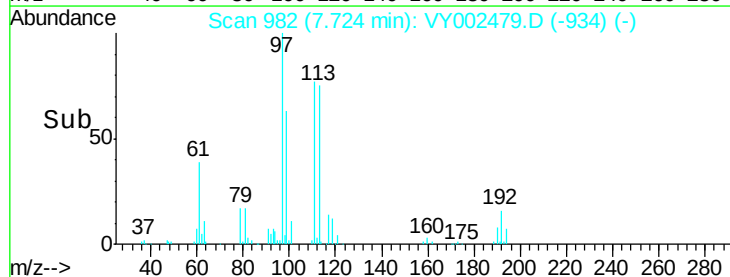
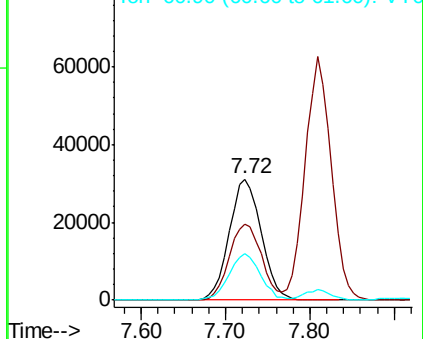
97 100

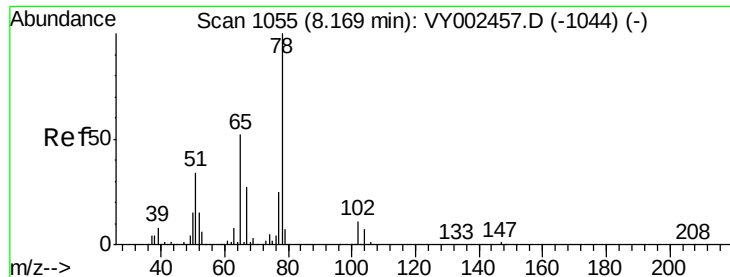
99 63.9 51.6 77.4

61 37.7 30.6 45.8



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

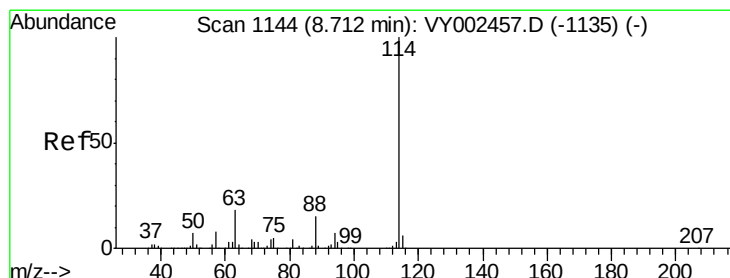
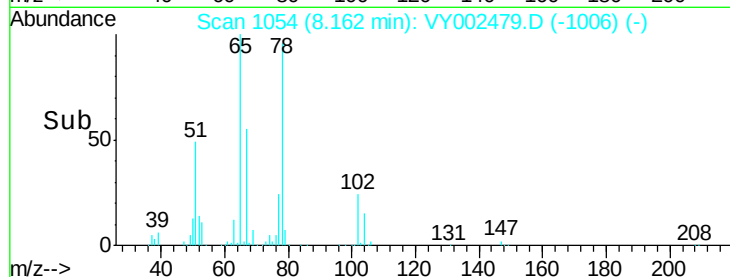
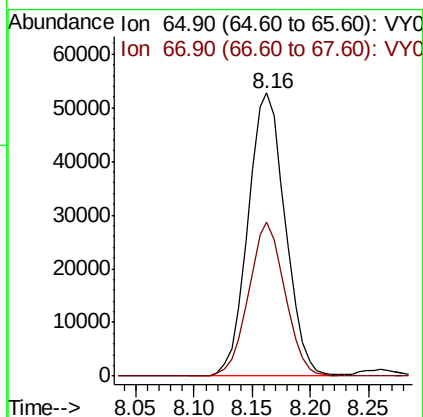
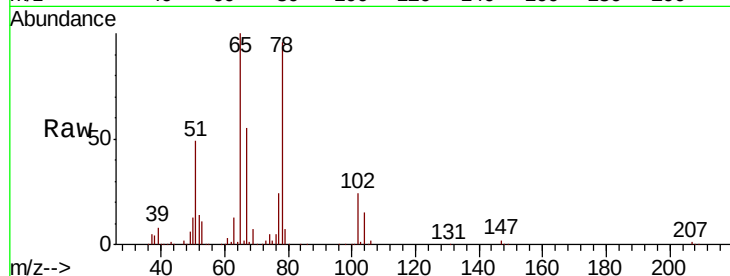




#33
 1,2-Dichloroethane-d4
 Concen: 49.065 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

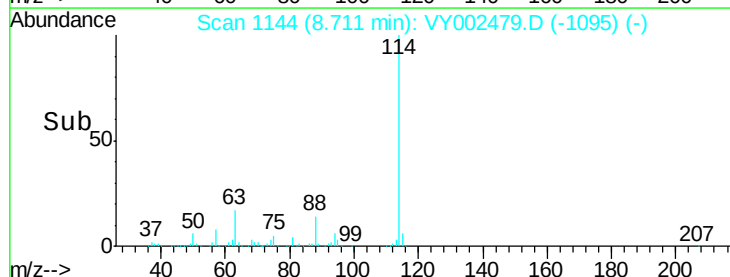
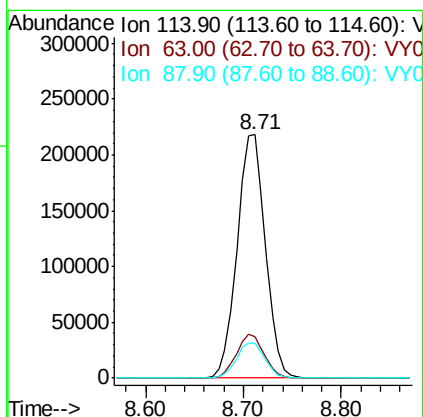
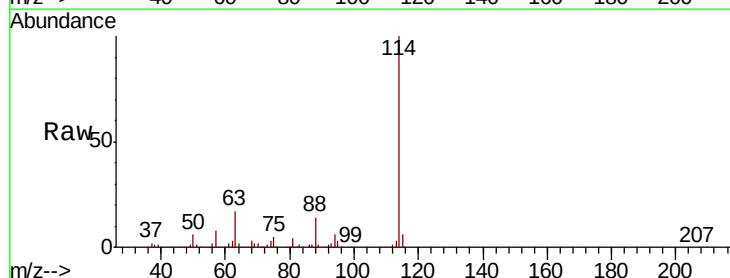
Instrument :
 MSVOA_Y
 ClientSampleId :

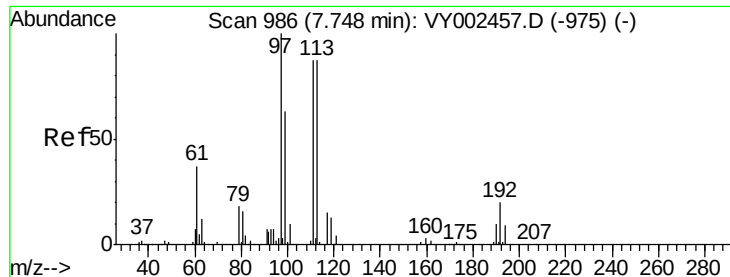
Tot Ion: 65 Resp: 116966
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

Tgt Ion: 114 Resp: 436734
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.6
 88 14.2 0.0 29.4

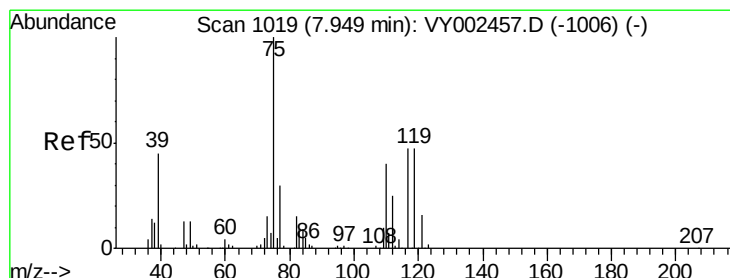
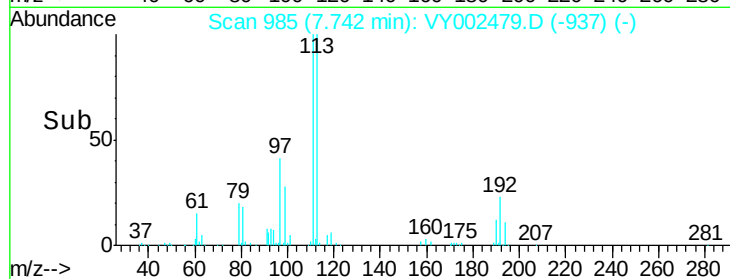
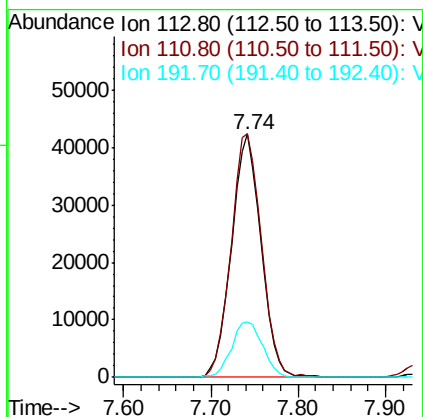
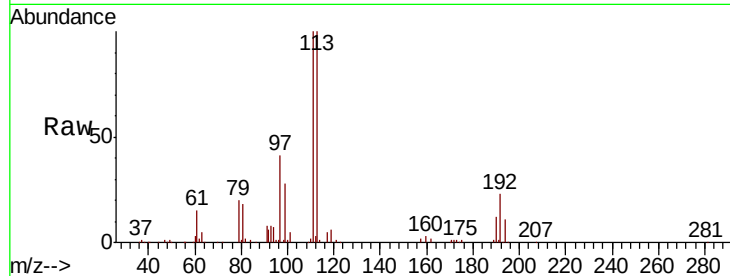




#35
 Dibromofluoromethane
 Concen: 40.327 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

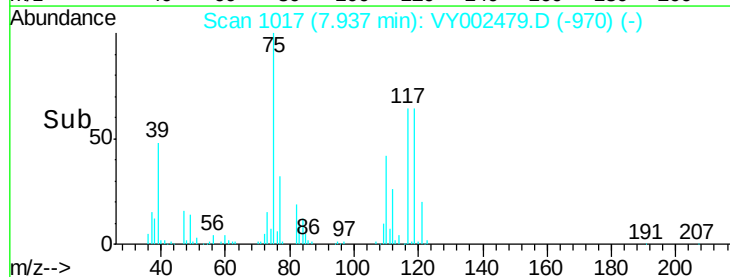
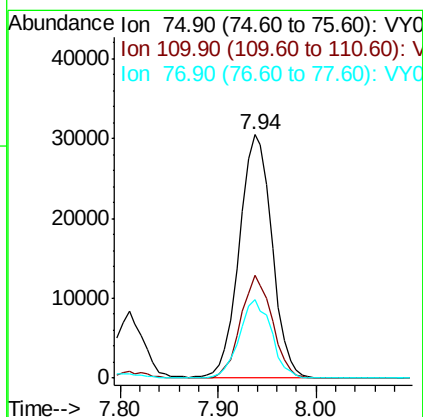
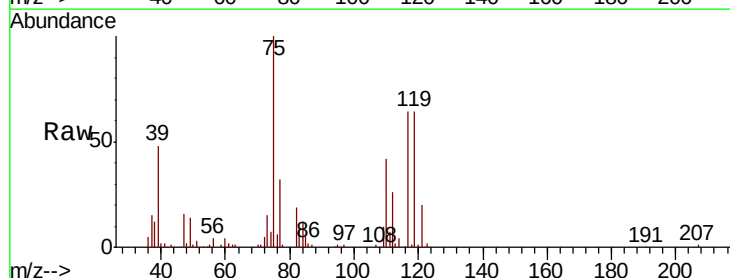
Instrument :
 MSVOA_Y
 ClientSampled :

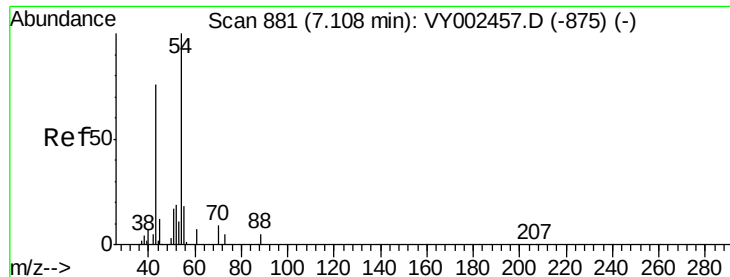
Tot Ion:113 Resp: 99342
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.0 121.4
 192 23.9 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 18.949 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

Tgt Ion: 75 Resp: 70961
 Ion Ratio Lower Upper
 75 100
 110 40.5 19.4 58.4
 77 31.6 24.7 37.1

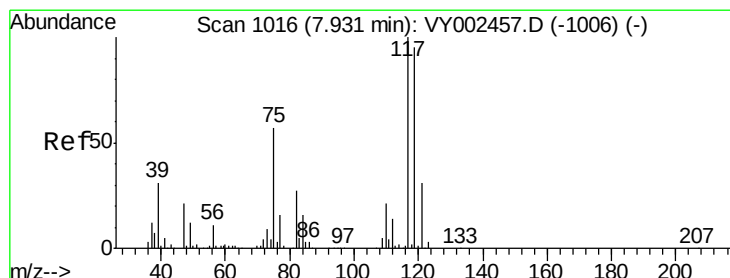
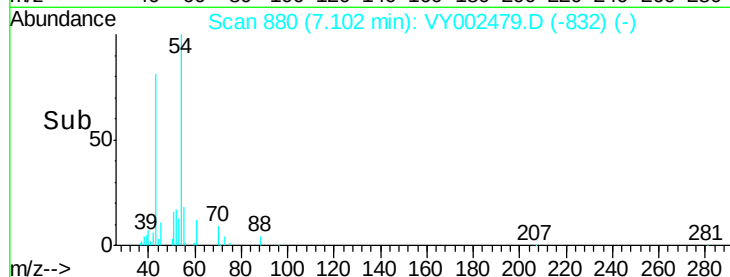
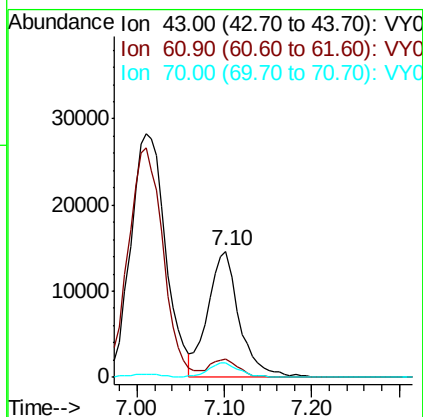
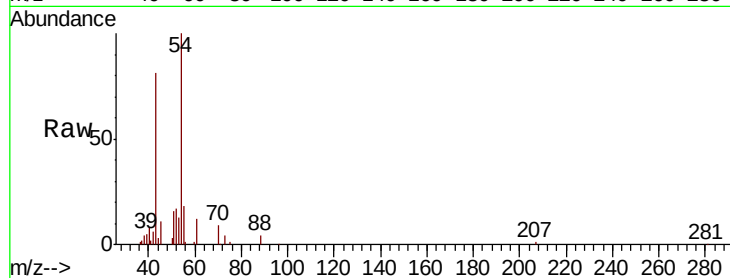




#37
Ethyl Acetate
Concen: 19.430 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

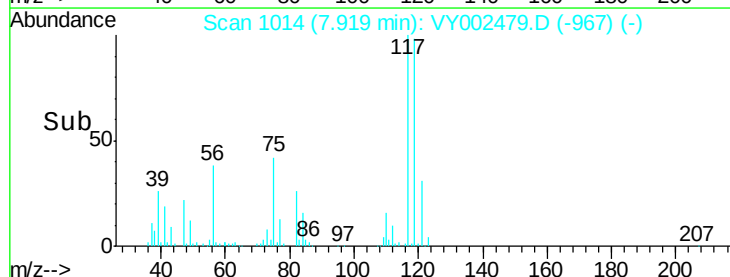
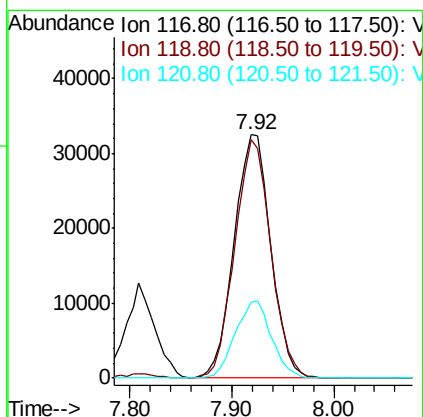
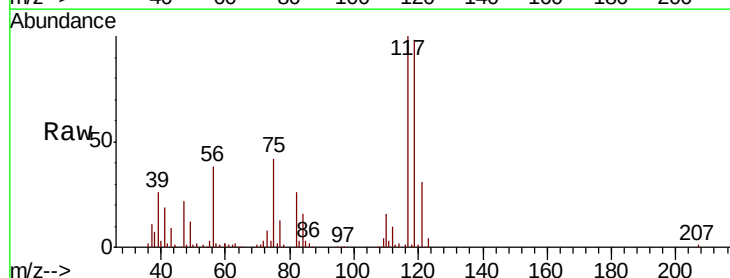
Instrument :
MSVOA_Y
ClientSampleId :

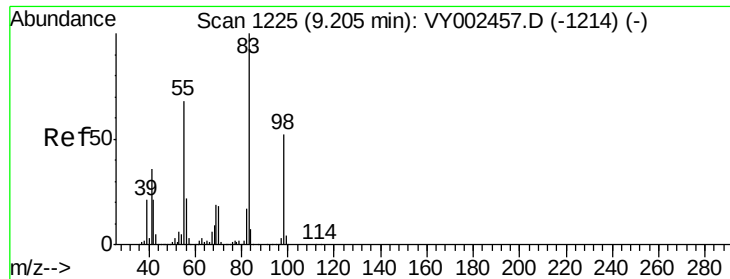
Tot Ion: 43 Resp: 36554
Ion Ratio Lower Upper
43 100
61 13.5 11.8 17.8
70 11.5 9.3 13.9



#38
Carbon Tetrachloride
Concen: 18.800 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion: 117 Resp: 80959
Ion Ratio Lower Upper
117 100
119 97.7 75.9 113.9
121 31.4 24.5 36.7

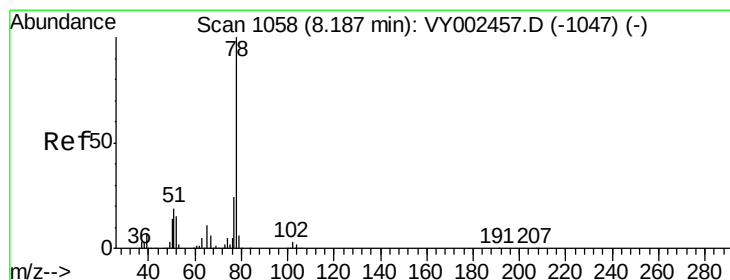
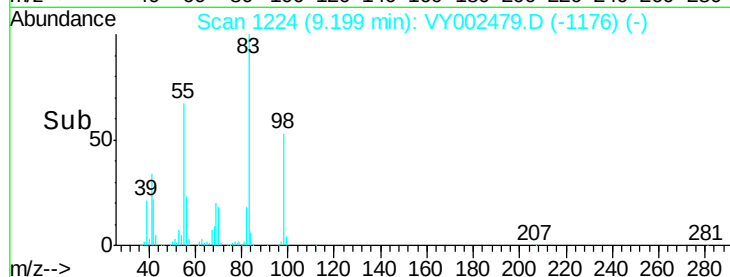
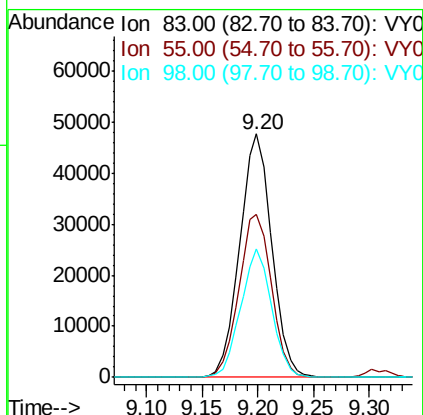
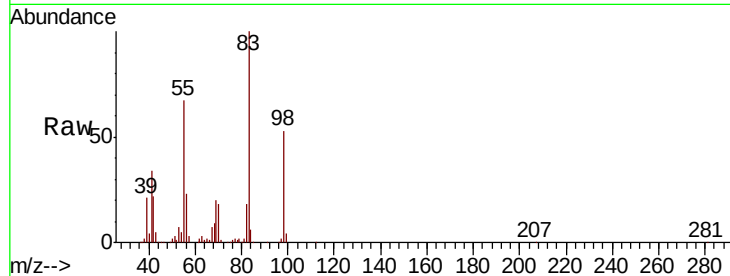




#39
Methylvlcyclohexane
Concen: 19.505 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

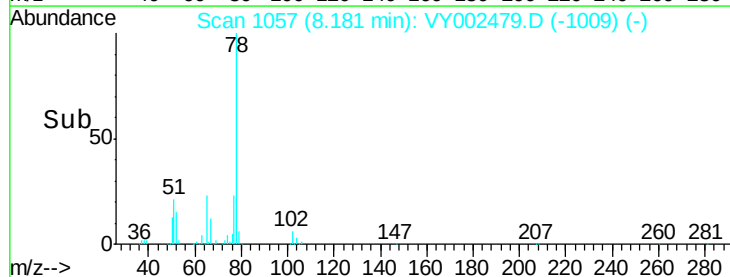
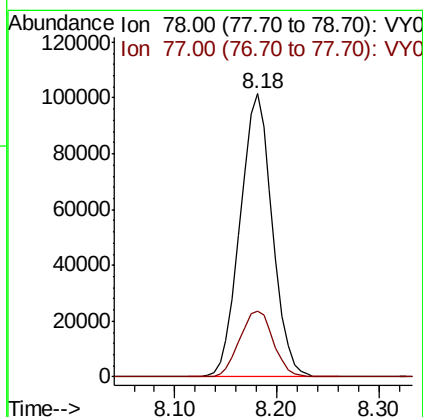
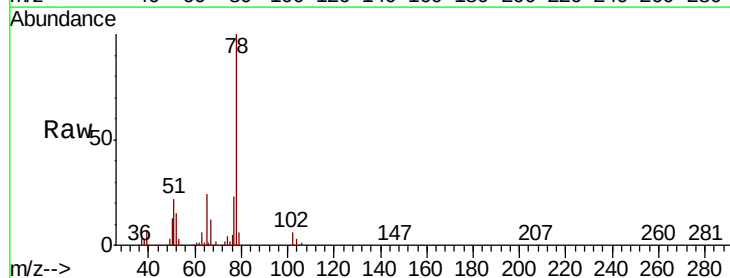
Instrument :
MSVOA_Y
ClientSampleId :

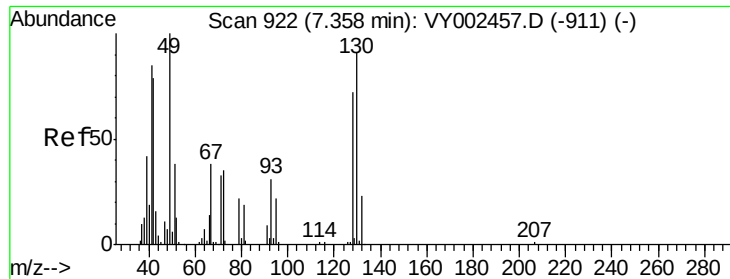
Tot Ion: 83 Resp: 95285
Ion Ratio Lower Upper
83 100
55 67.1 54.2 81.2
98 52.6 41.9 62.9



#40
Benzene
Concen: 20.530 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion: 78 Resp: 222207
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.0

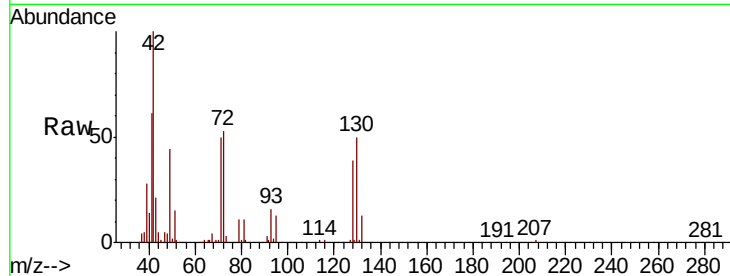




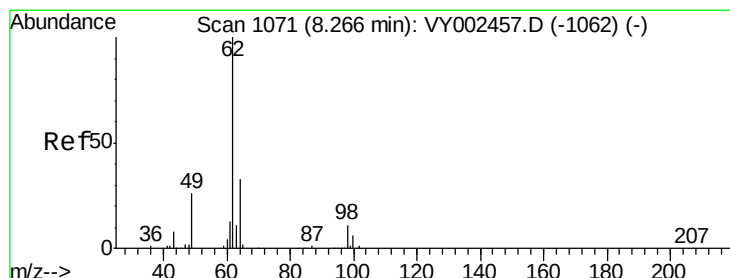
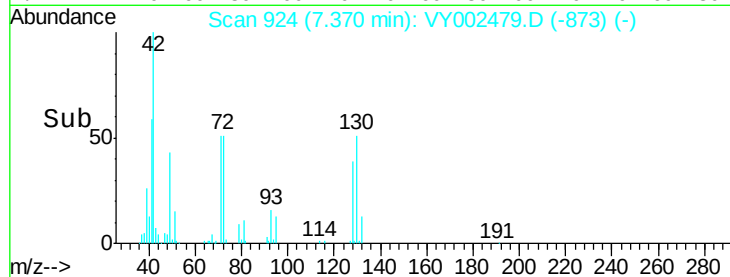
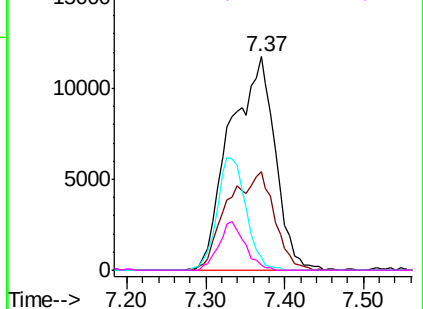
#41
Methacrylonitrile
Concen: 40.267 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 46673
Ion Ratio Lower Upper
41 100
39 48.2 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

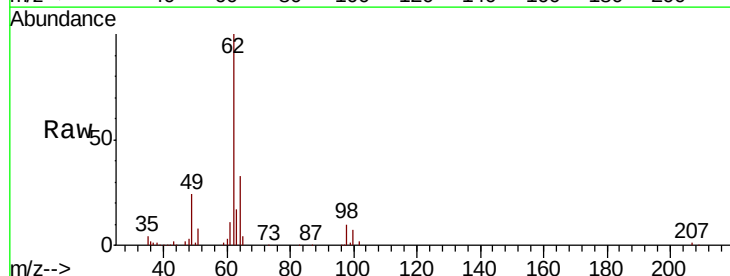


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

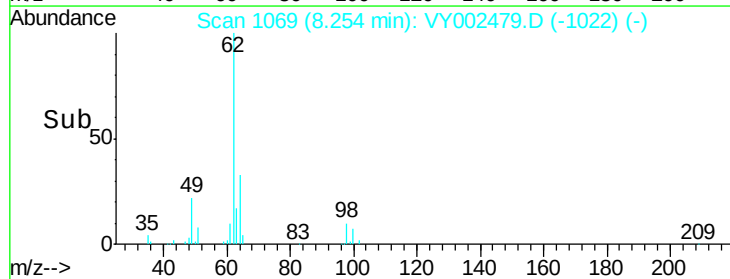
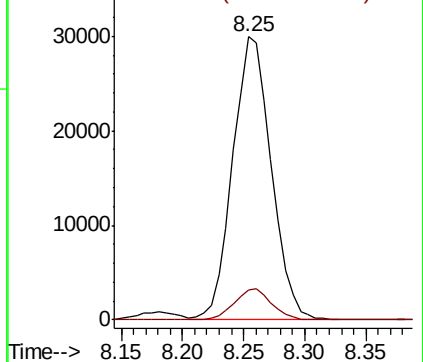


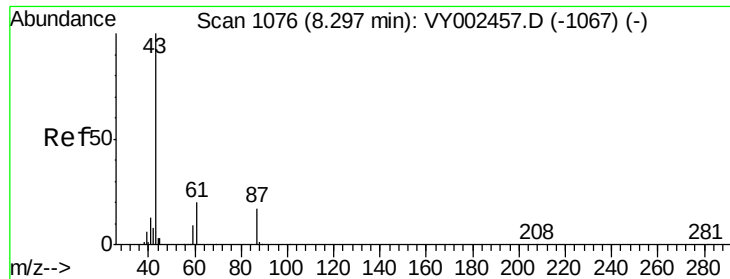
#42
1,2-Dichloroethane
Concen: 20.795 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion: 62 Resp: 65382
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.527 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

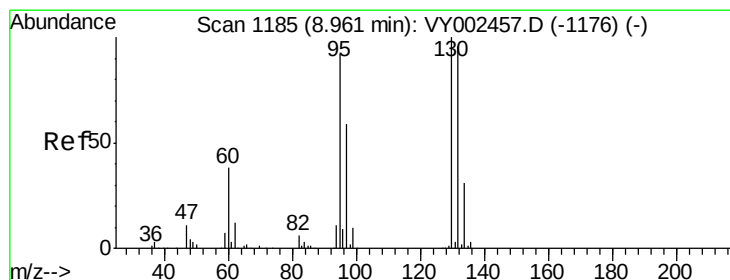
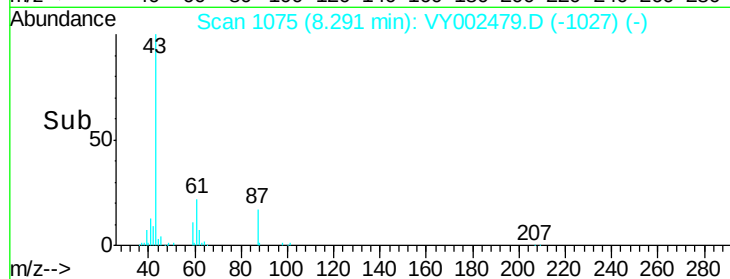
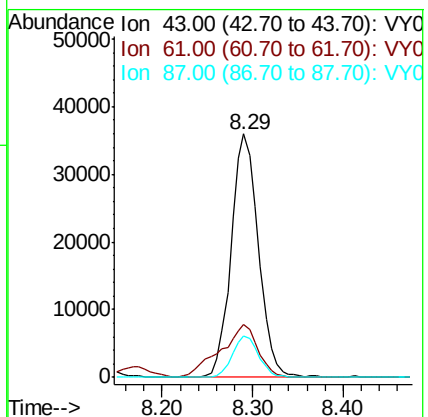
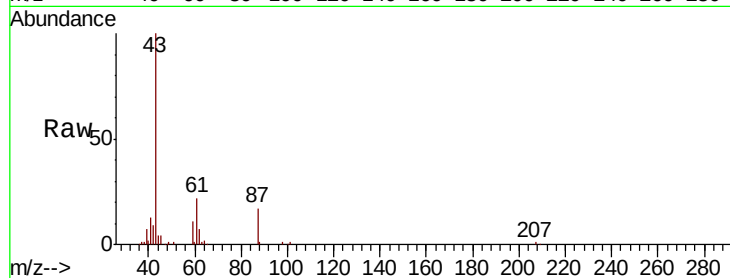
Tot Ion: 43 Resp: 75749

Ion Ratio Lower Upper

43 100

61 29.7 25.0 37.4

87 16.3 13.0 19.4



#44

Trichloroethene

Concen: 20.155 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY002479.D

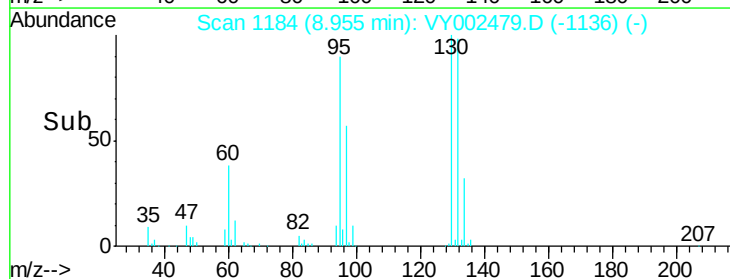
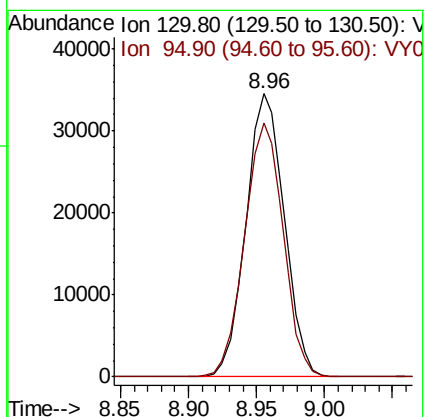
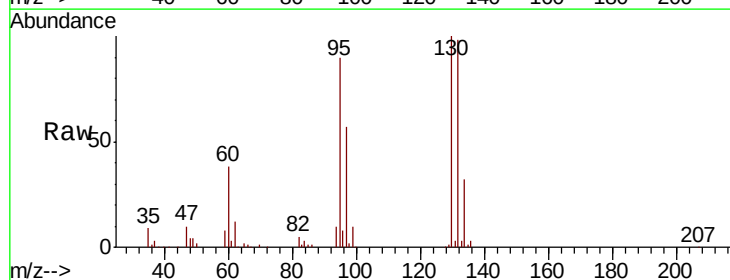
Acq: 24 Apr 2020 14:02

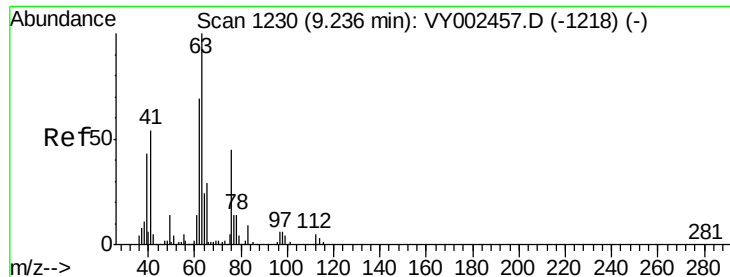
Tgt Ion: 130 Resp: 68211

Ion Ratio Lower Upper

130 100

95 89.5 0.0 184.2

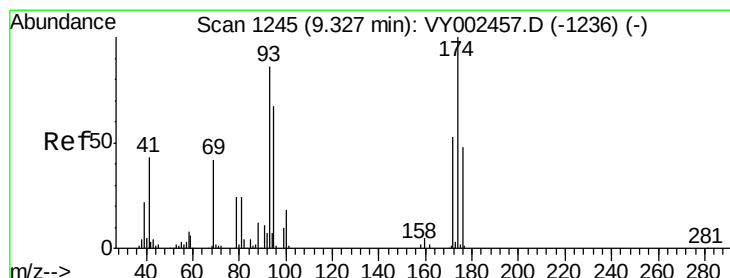
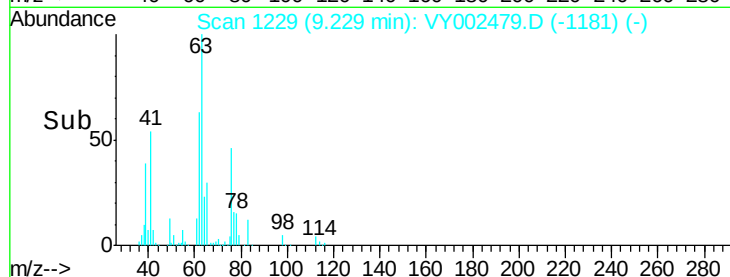
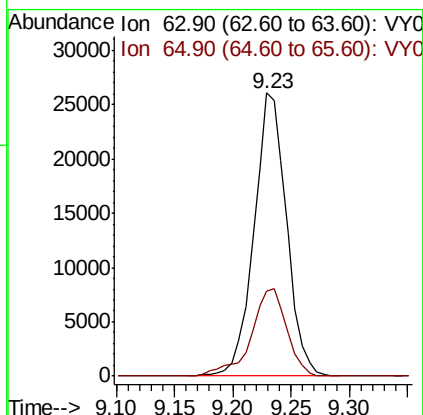
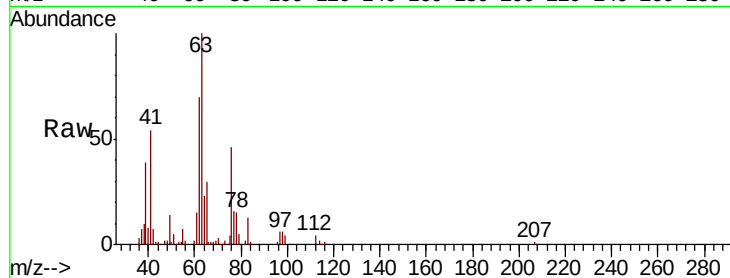




#45
 1,2-Dichloropropane
 Concen: 20.309 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

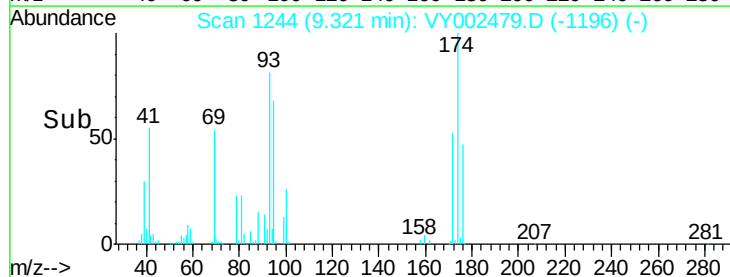
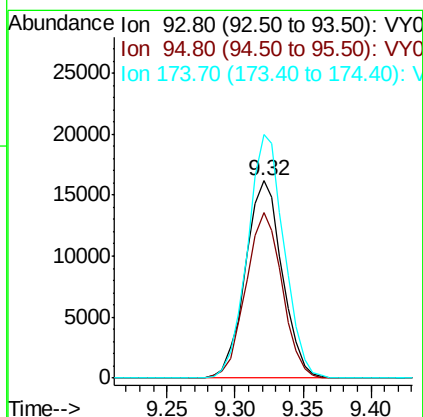
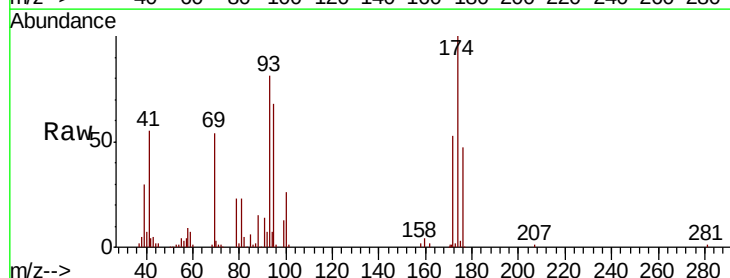
Instrument :
 MSVOA_Y
 ClientSampleId :

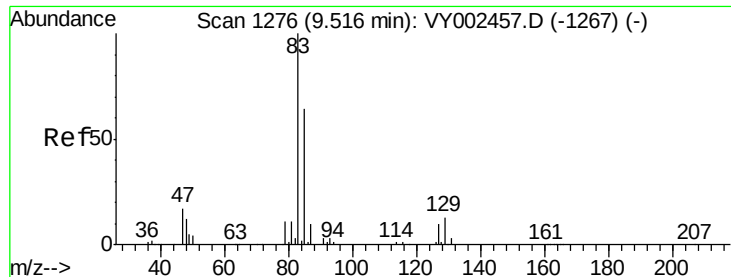
Tot Ion: 63 Resp: 50662
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.4 35.0



#46
 Dibromomethane
 Concen: 21.037 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

Tgt Ion: 93 Resp: 30703
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.4 98.0
 174 122.3 94.8 142.2

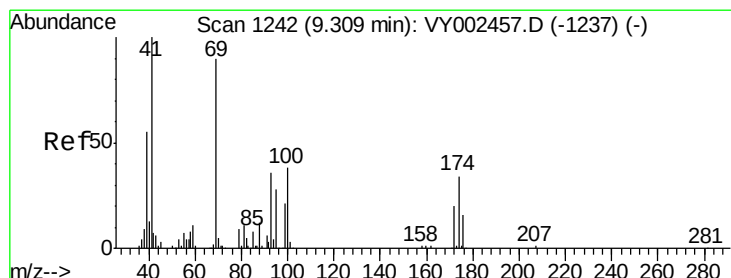
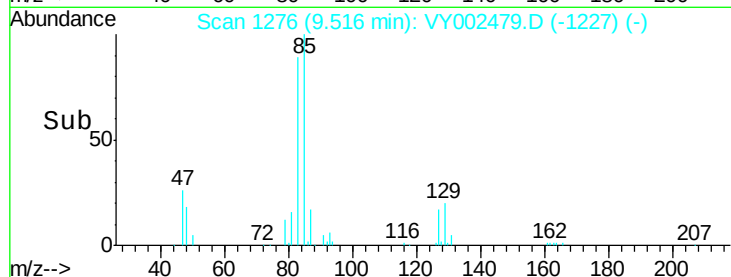
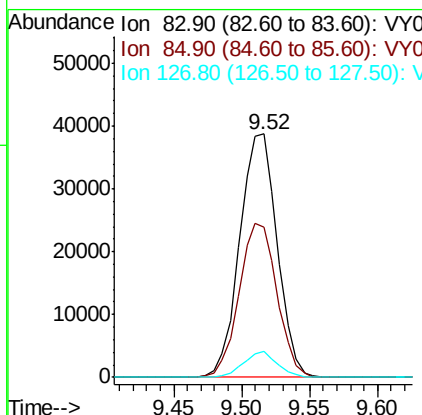
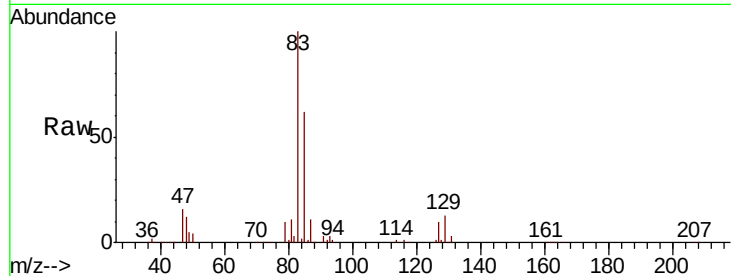




#47
Bromodichloromethane
Concen: 20.411 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

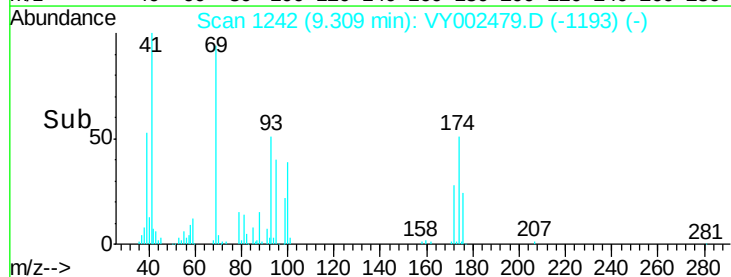
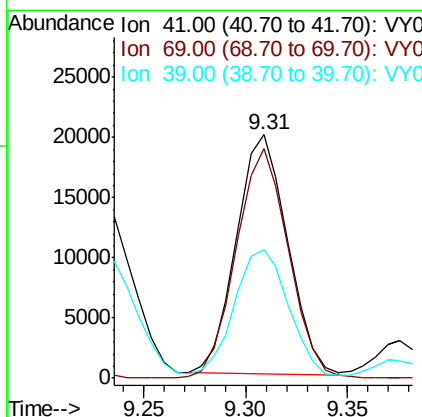
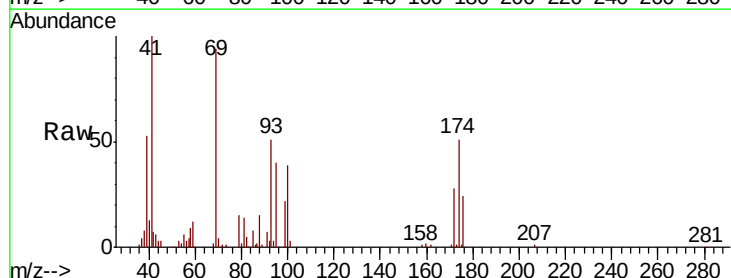
Instrument :
MSVOA_Y
ClientSampled :

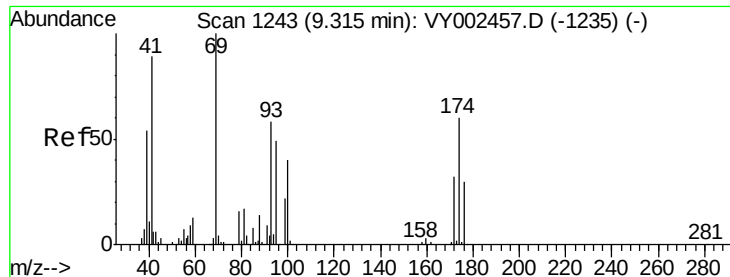
Tot Ion: 83 Resp: 74497
Ion Ratio Lower Upper
83 100
85 61.8 51.2 76.8
127 10.5 7.7 11.5



#48
Methyl methacrylate
Concen: 21.615 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion: 41 Resp: 34721
Ion Ratio Lower Upper
41 100
69 98.2 77.9 116.9
39 55.8 47.9 71.9





#49

1,4-Dioxane

Concen: 490.759 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :
MSVOA_Y
ClientSampleId :

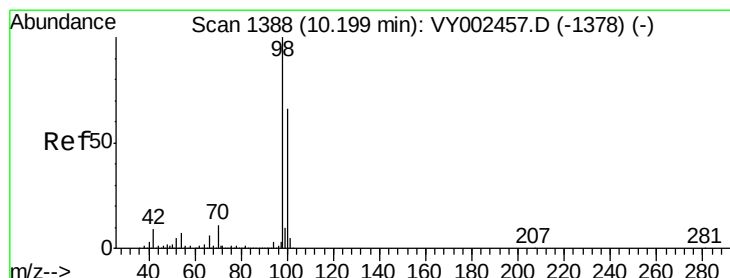
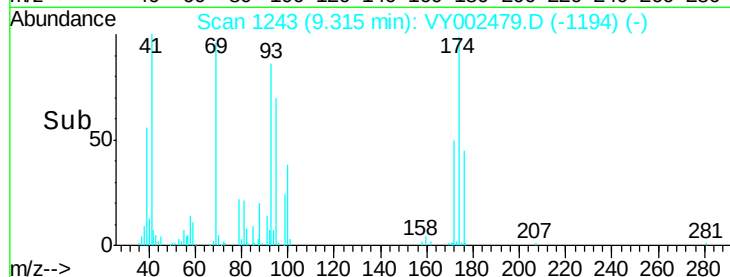
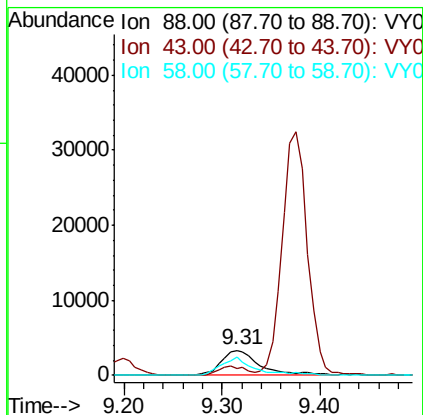
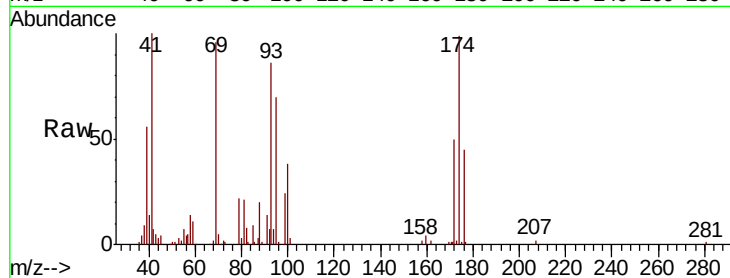
Tot Ion: 88 Resp: 9128

Ion Ratio Lower Upper

88 100

43 26.2 22.9 34.3

58 53.9 49.5 74.3



#50

Toluene-d8

Concen: 44.349 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY002479.D

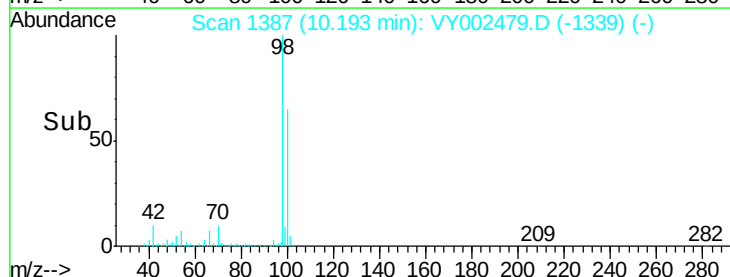
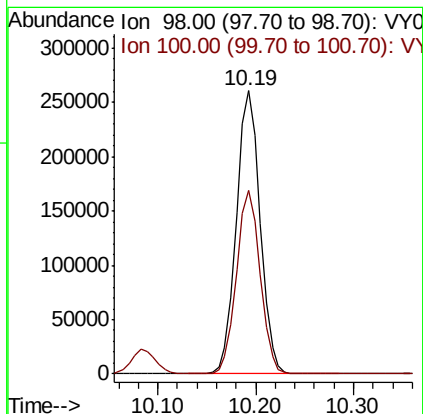
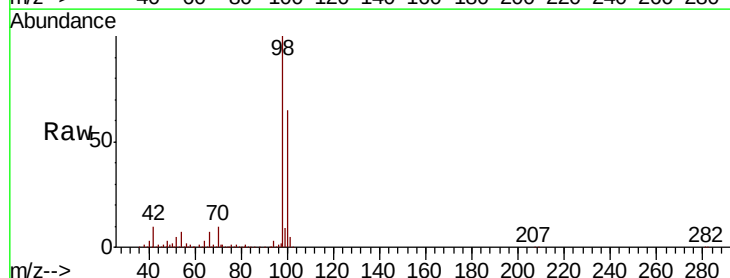
Acq: 24 Apr 2020 14:02

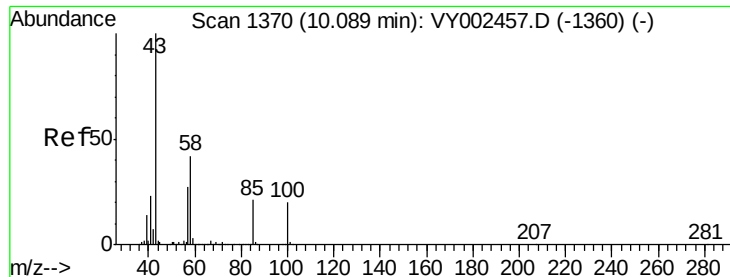
Tgt Ion: 98 Resp: 439101

Ion Ratio Lower Upper

98 100

100 64.6 51.1 76.7

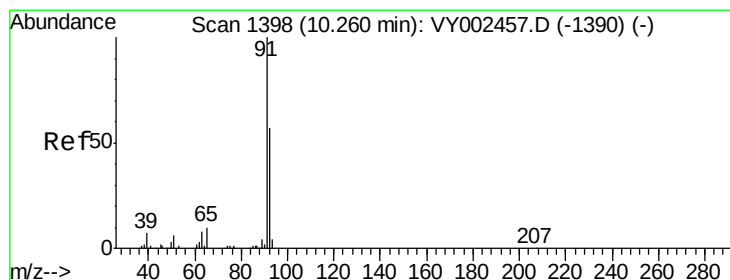
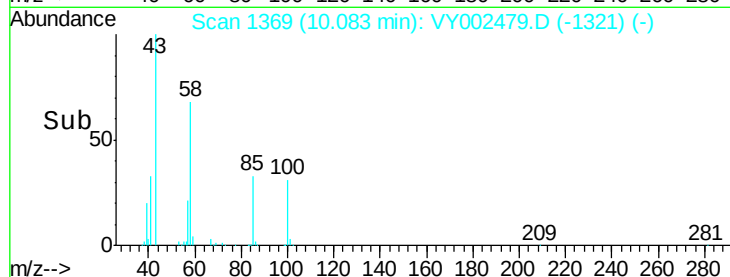
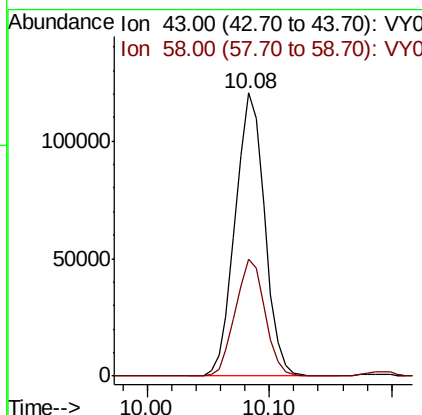
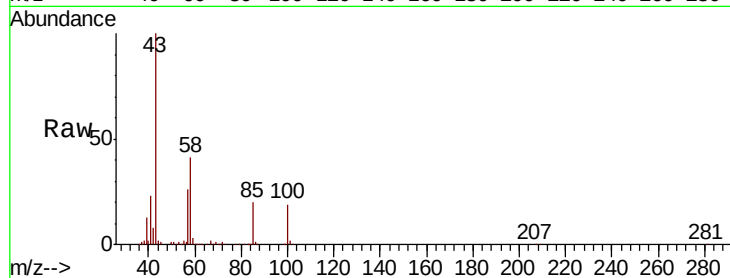




#51
4-Methyl-2-Pentanone
Concen: 109.876 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

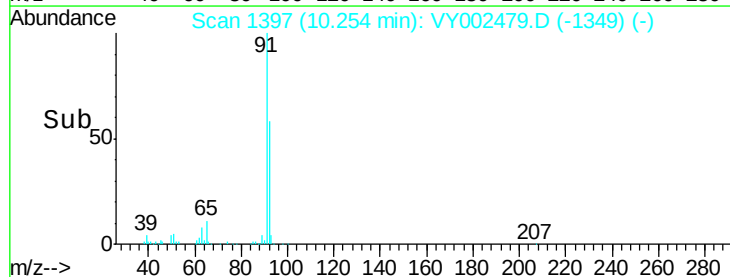
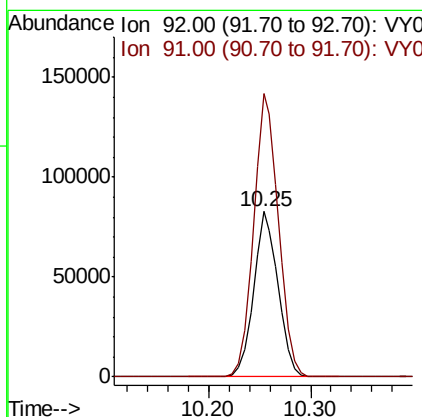
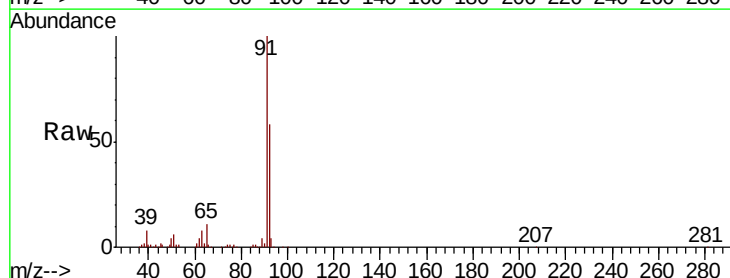
Instrument :
MSVOA_Y
ClientSampleId :

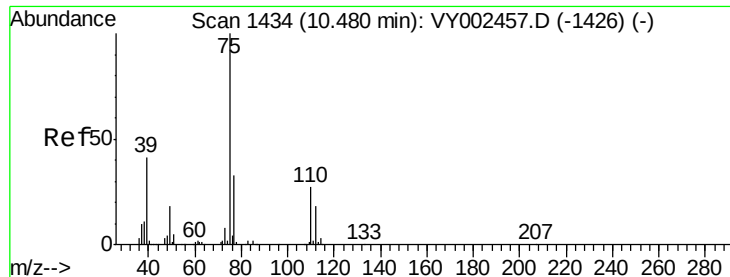
Tot Ion: 43 Resp: 200816
Ion Ratio Lower Upper
43 100
58 41.7 33.2 49.8



#52
Toluene
Concen: 19.785 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion: 92 Resp: 137849
Ion Ratio Lower Upper
92 100
91 174.5 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 21.193 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

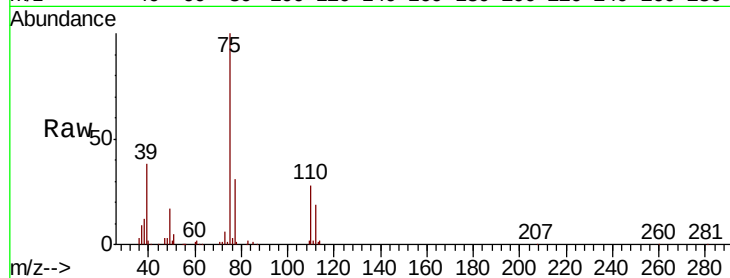
ClientSampled :

Tot Ion: 75 Resp: 81233

Ion Ratio Lower Upper

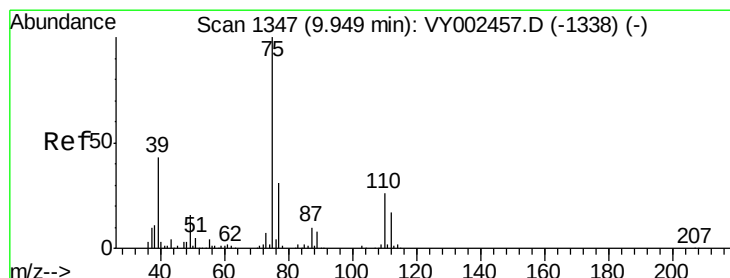
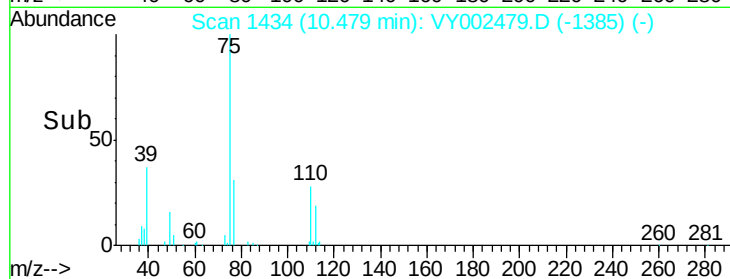
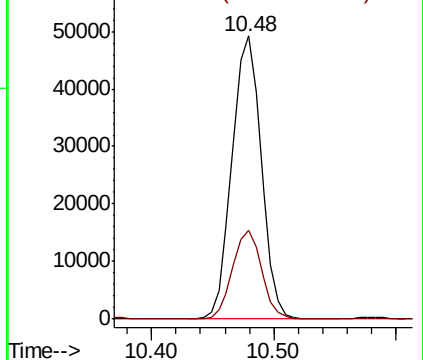
75 100

77 31.3 26.4 39.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.550 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

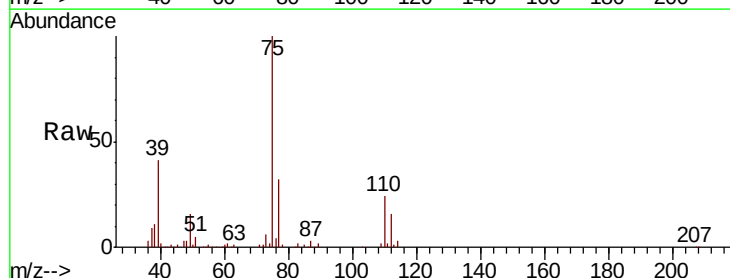
Tgt Ion: 75 Resp: 90156

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

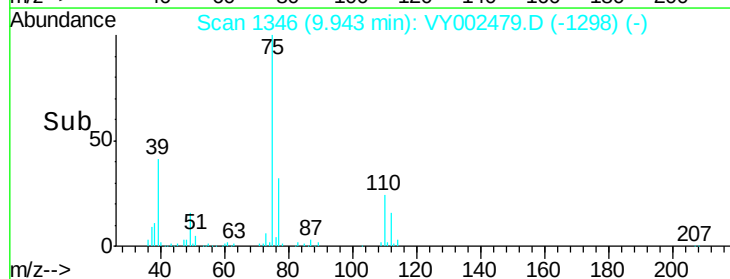
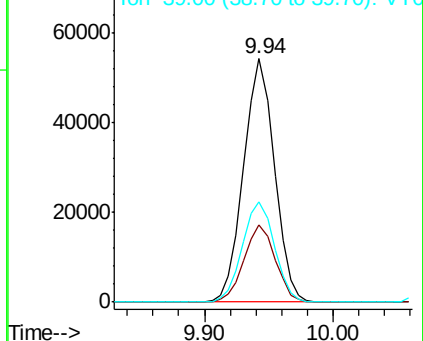
39 41.1 34.2 51.2

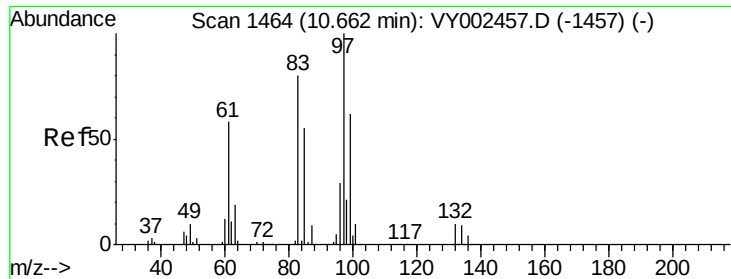


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

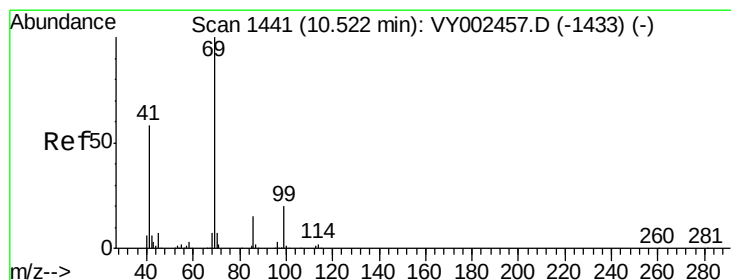
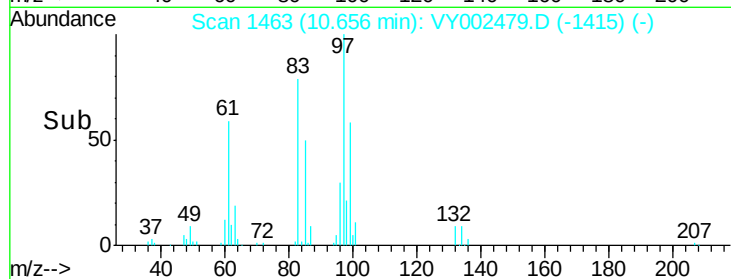
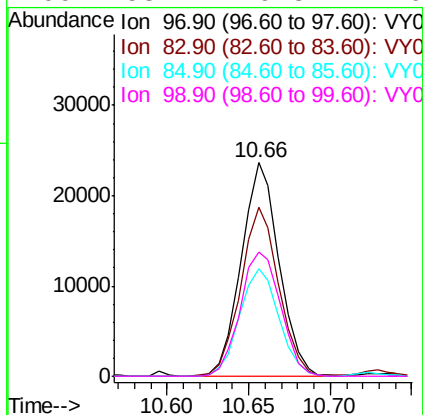
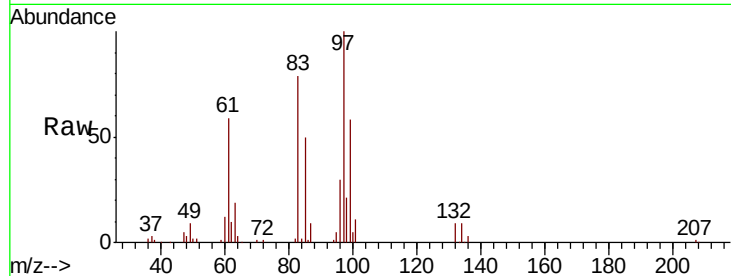




#55
 1,1,2-Trichloroethane
 Concen: 17.633 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

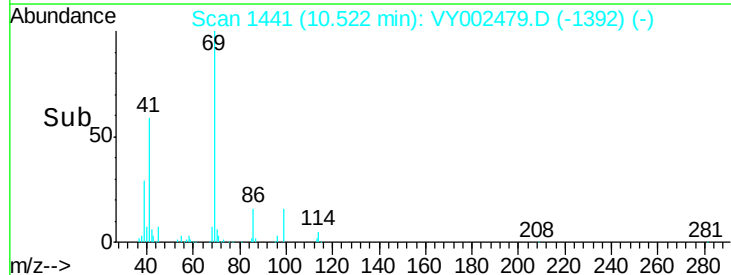
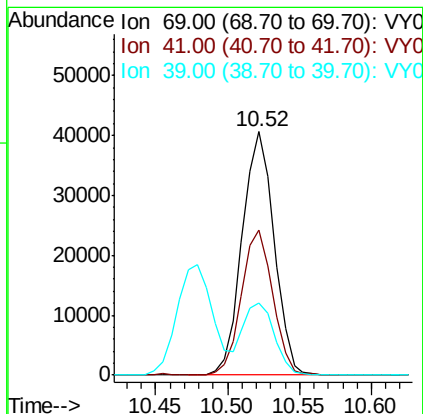
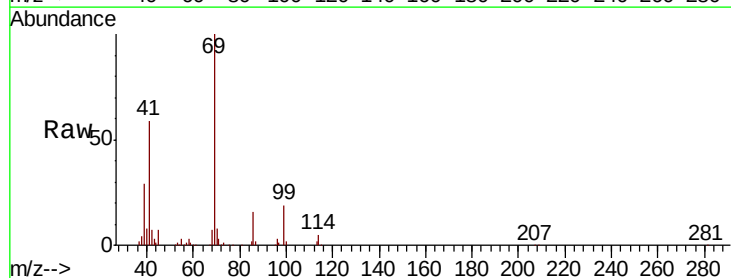
Instrument :
 MSVOA_Y
 ClientSampleId :

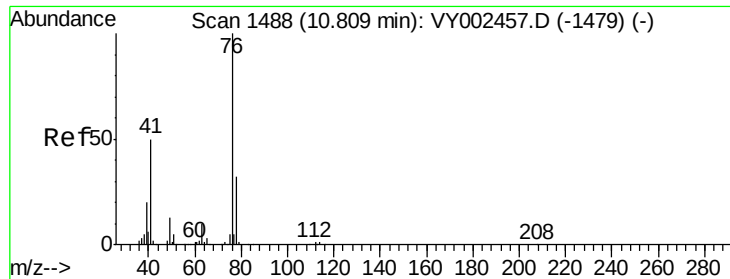
Tot Ion:	97	Resp:	38050
Ion	Ratio	Lower	Upper
97	100		
83	79.0	63.8	95.8
85	50.4	43.9	65.9
99	58.1	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 21.165 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

Tgt Ion:	69	Resp:	62405
Ion	Ratio	Lower	Upper
69	100		
41	58.8	47.5	71.3
39	29.0	25.7	38.5





#57

1,3-Dichloropropane

Concen: 17.398 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

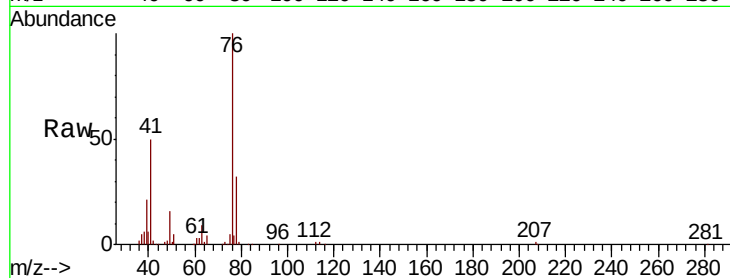
ClientSampleId :

Tot Ion: 76 Resp: 63383

Ion Ratio Lower Upper

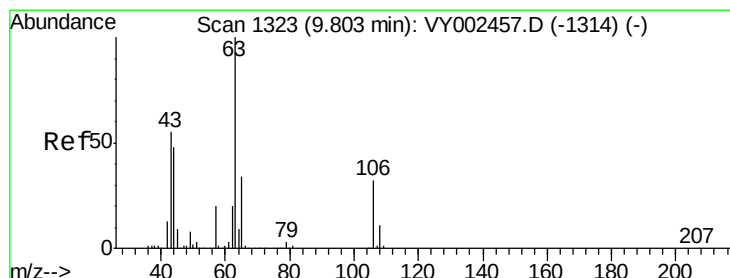
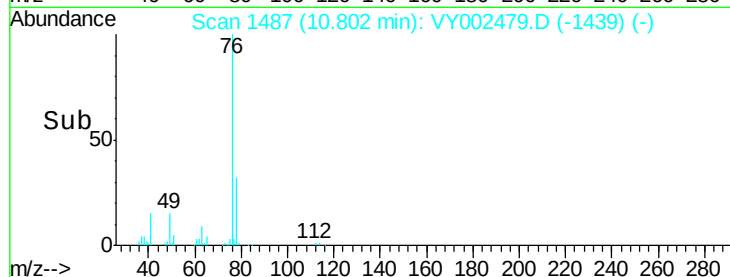
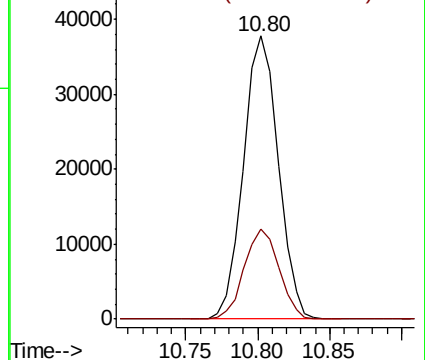
76 100

78 31.8 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 109.579 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VY002479.D

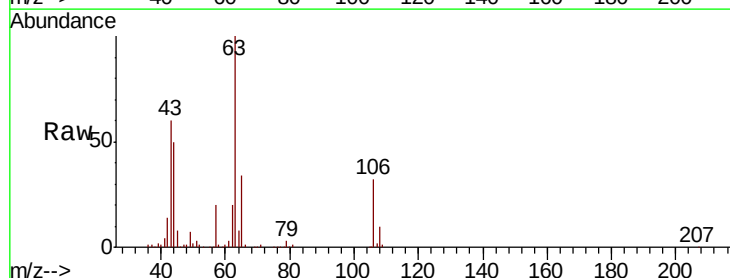
Acq: 24 Apr 2020 14:02

Tgt Ion: 63 Resp: 156245

Ion Ratio Lower Upper

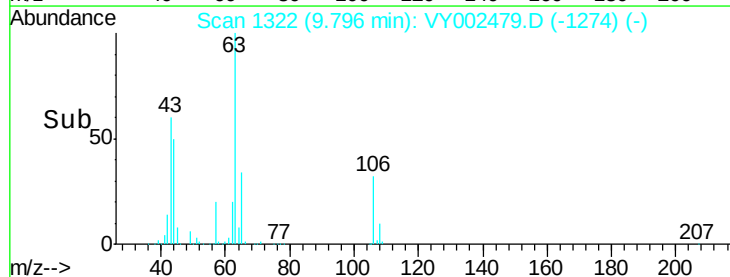
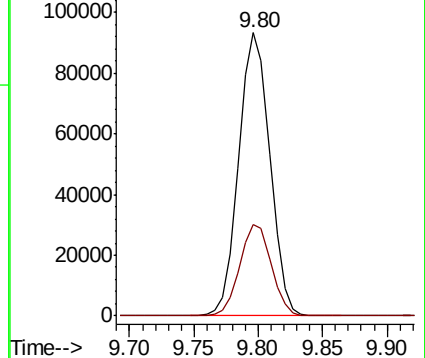
63 100

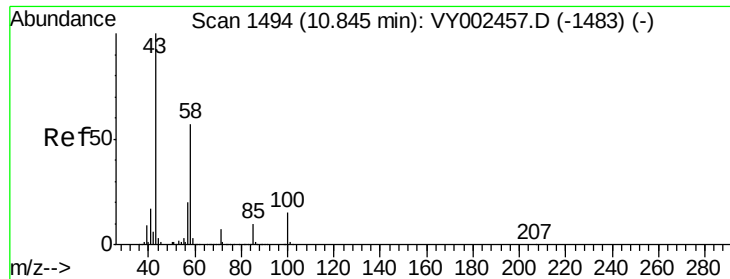
106 32.6 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 90.962 ug/l

RT: 10.84 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

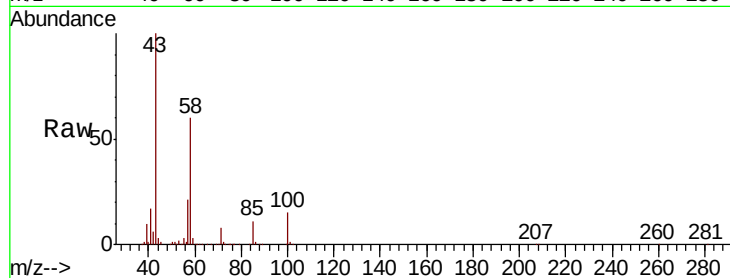
ClientSampled :

Tot Ion: 43 Resp: 115881

Ion Ratio Lower Upper

43 100

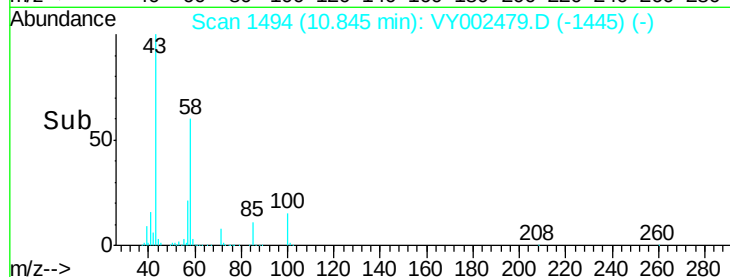
58 59.5 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-1483) (-)

Ion 58.00 (57.70 to 58.70): VY002457.D (-1483) (-)

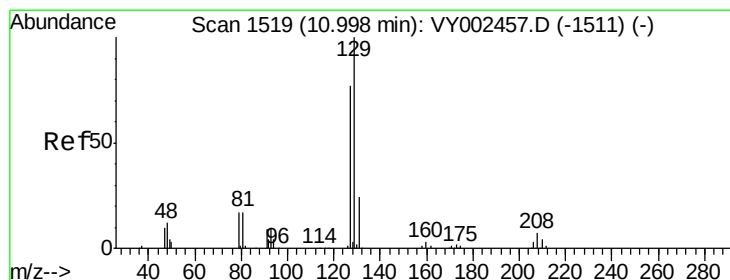
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VY002479.D (-1445) (-)

Ion 58.00 (57.70 to 58.70): VY002479.D (-1445) (-)

Time-->



#60

Dibromochloromethane

Concen: 17.100 ug/l

RT: 11.00 min Scan# 1519

Delta R.T. -0.00 min

Lab File: VY002479.D

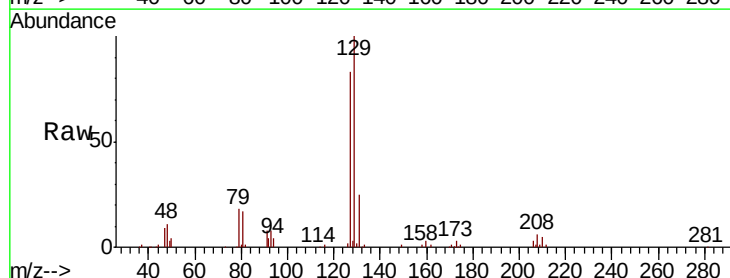
Acq: 24 Apr 2020 14:02

Tgt Ion: 129 Resp: 48351

Ion Ratio Lower Upper

129 100

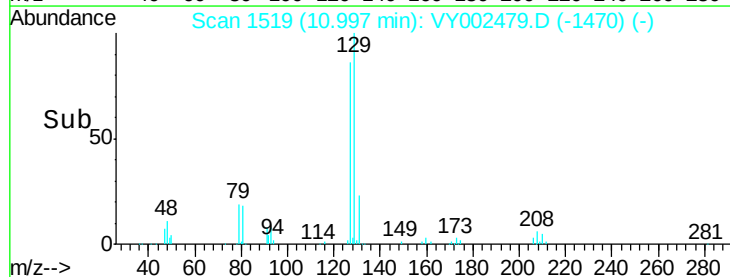
127 80.0 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): VY002457.D (-1511) (-)

Ion 126.80 (126.50 to 127.50): VY002457.D (-1511) (-)

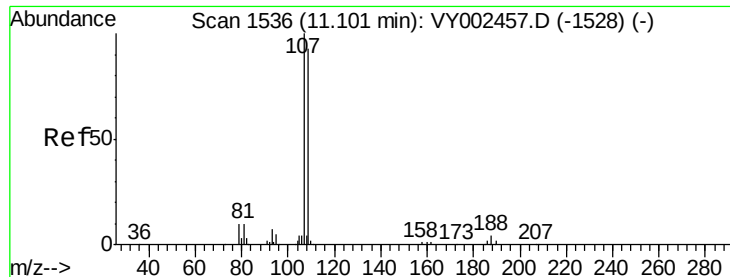
Time-->



Abundance Ion 128.80 (128.50 to 129.50): VY002479.D (-1470) (-)

Ion 126.80 (126.50 to 127.50): VY002479.D (-1470) (-)

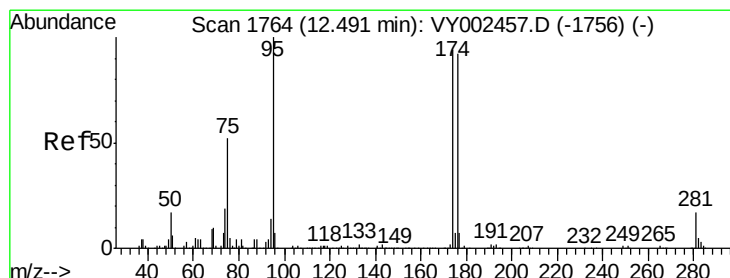
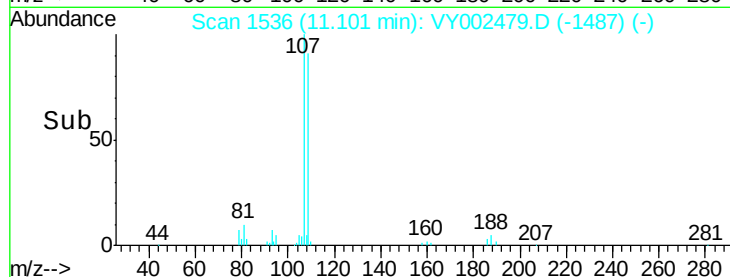
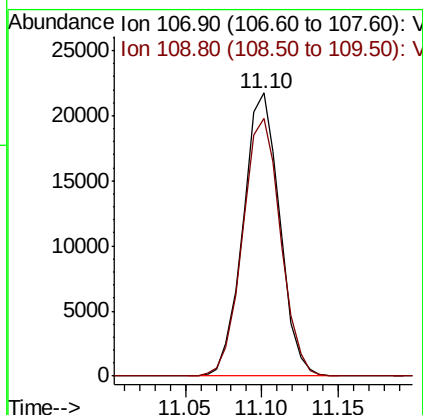
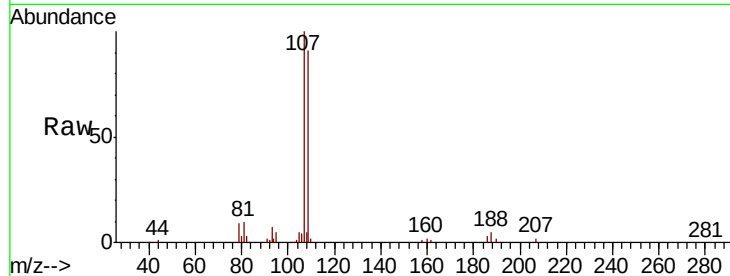
Time-->



#61
 1,2-Dibromoethane
 Concen: 16.831 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

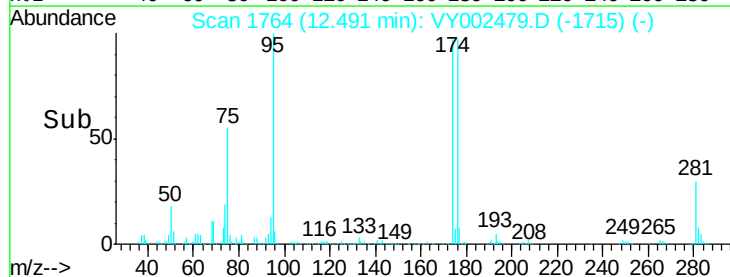
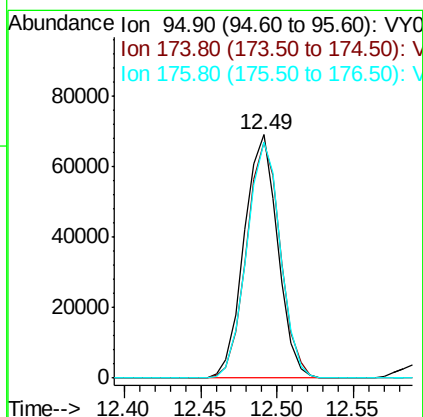
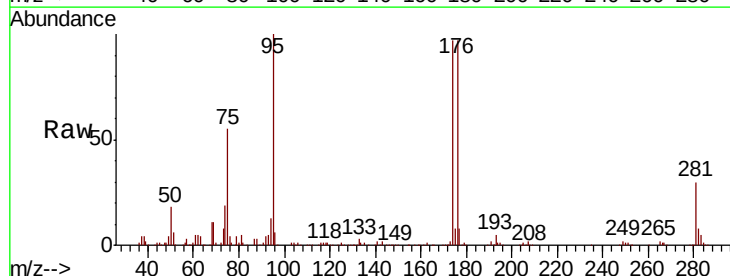
Instrument :
 MSVOA_Y
 ClientSampleId :

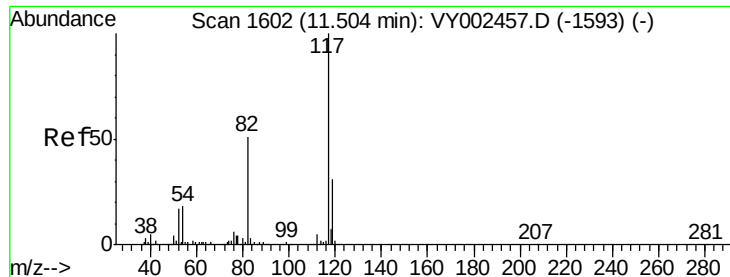
Tot Ion: 107 Resp: 36016
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 31.687 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

Tgt Ion: 95 Resp: 105272
 Ion Ratio Lower Upper
 95 100
 174 97.6 0.0 193.0
 176 97.0 0.0 190.4

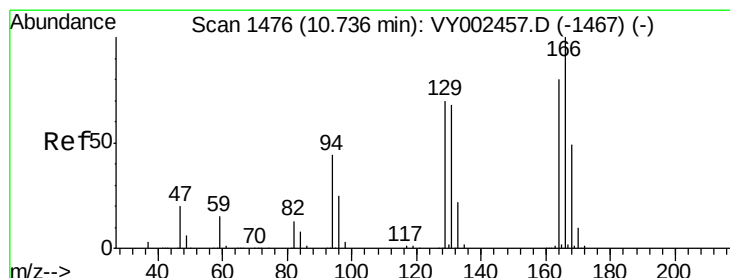
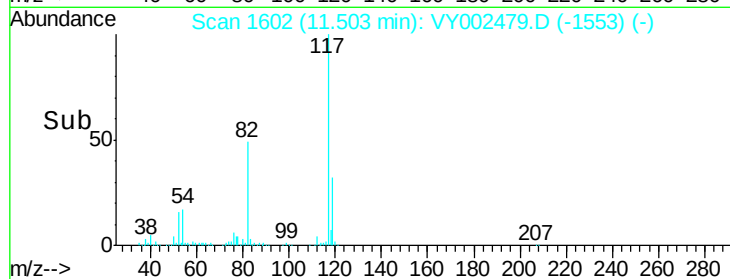
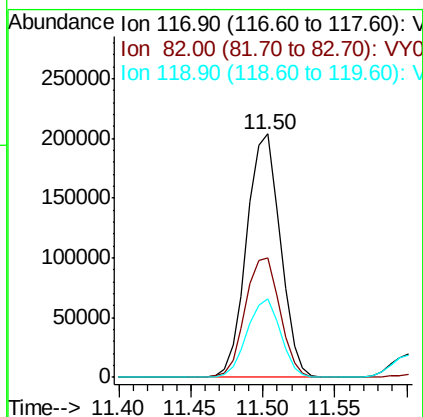
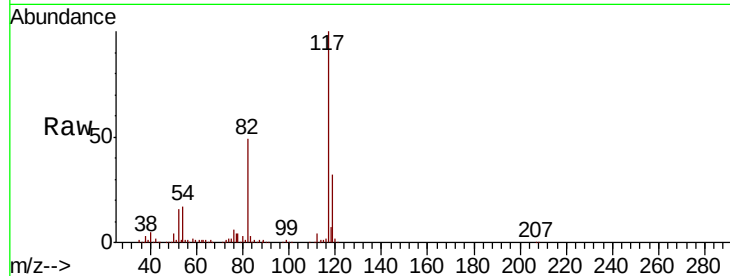




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

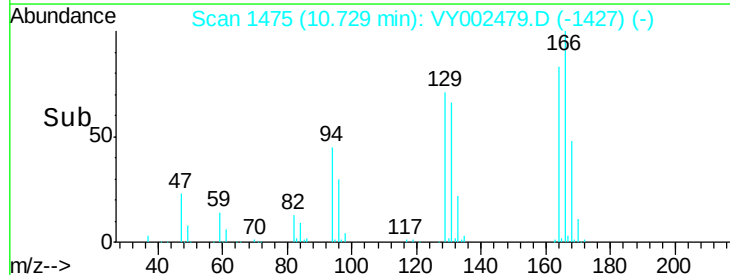
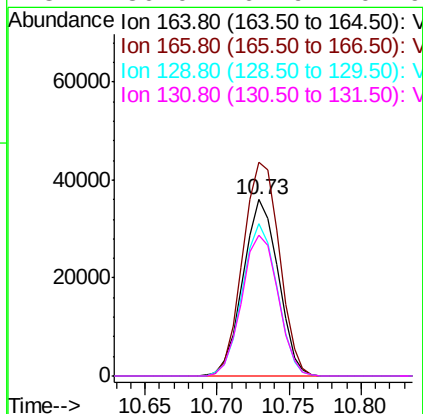
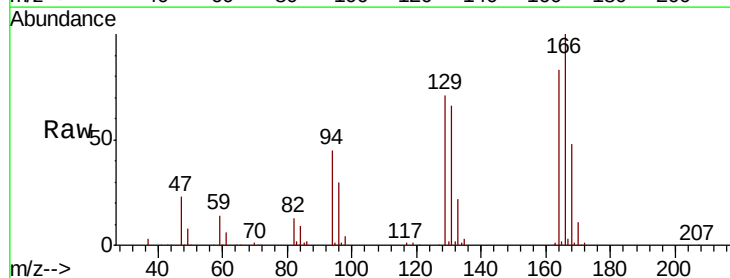
Instrument :
MSVOA_Y
ClientSampled :

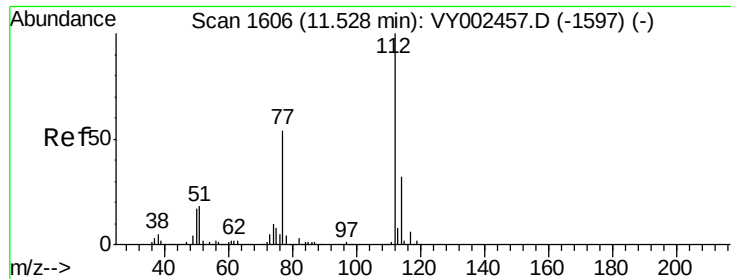
Tot Ion:117 Resp: 329749
Ion Ratio Lower Upper
117 100
82 49.2 40.8 61.2
119 32.4 25.2 37.8



#64
Tetrachloroethene
Concen: 20.151 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion:164 Resp: 60899
Ion Ratio Lower Upper
164 100
166 121.2 100.0 150.0
129 86.2 69.8 104.8
131 80.0 67.9 101.9

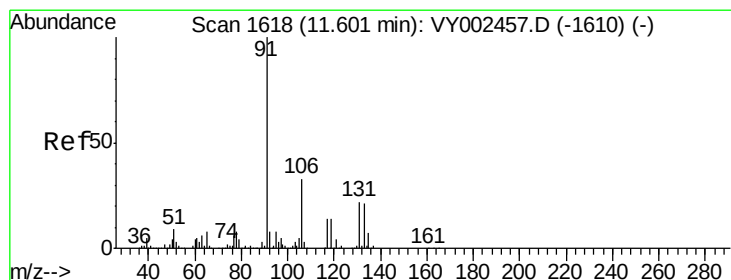
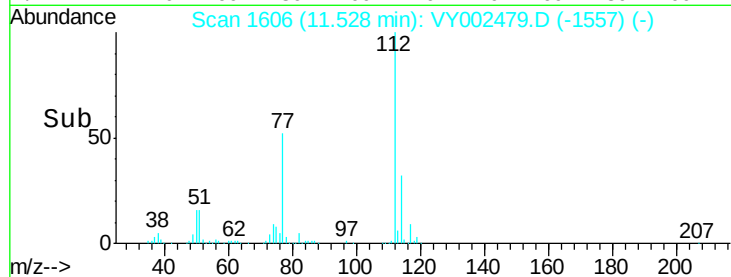
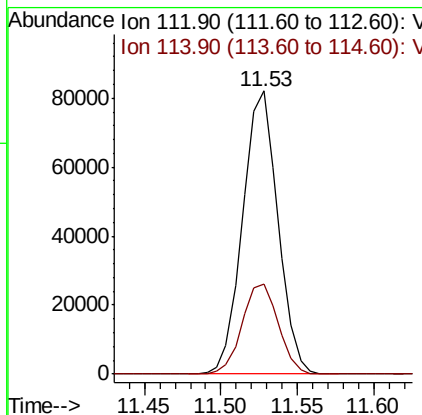
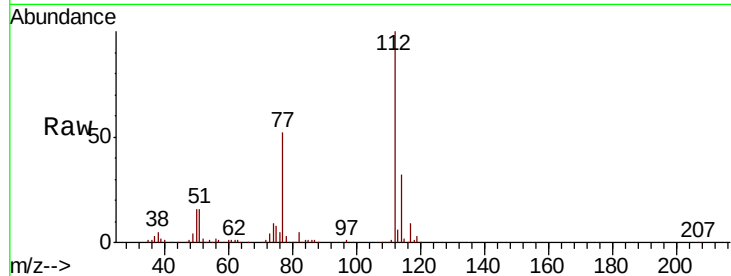




#65
Chlorobenzene
Concen: 20.703 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

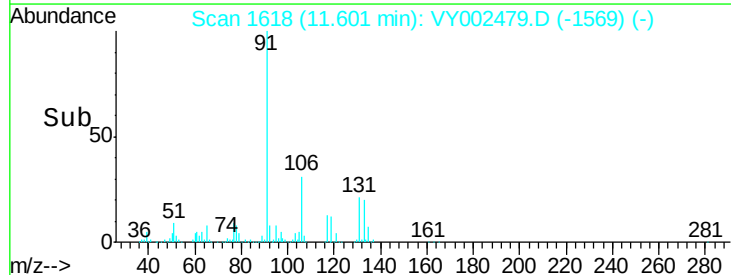
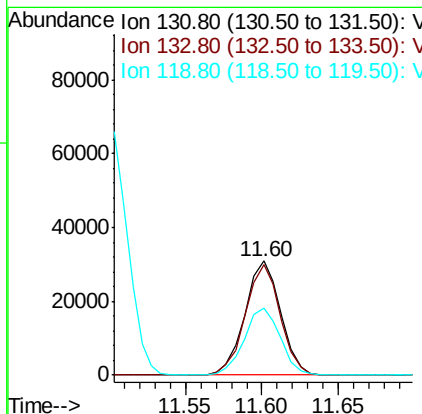
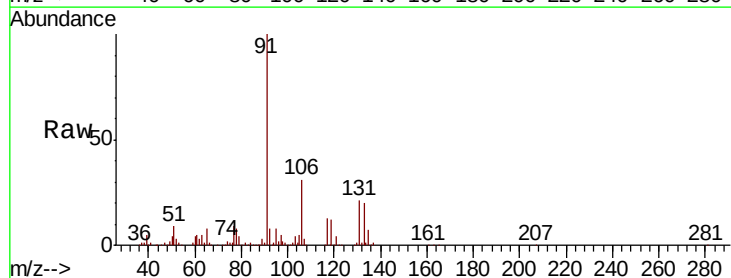
Instrument :
MSVOA_Y
ClientSampleId :

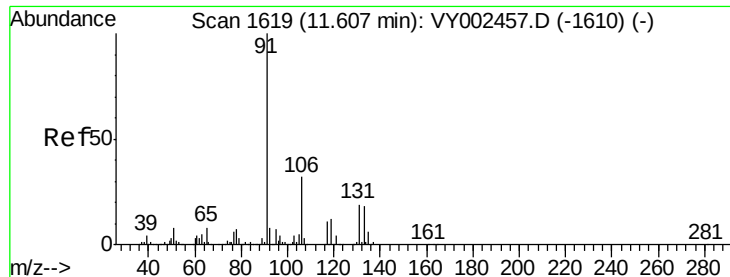
Tot Ion:112 Resp: 131611
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.907 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion:131 Resp: 49868
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 59.8 31.1 93.3

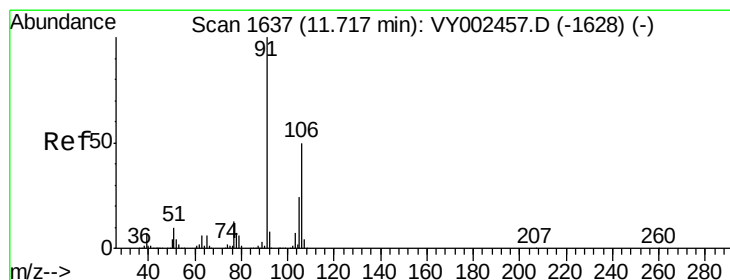
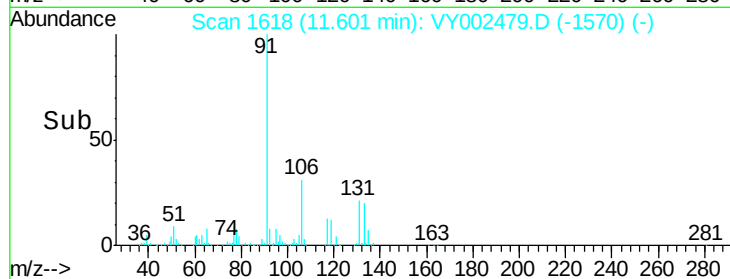
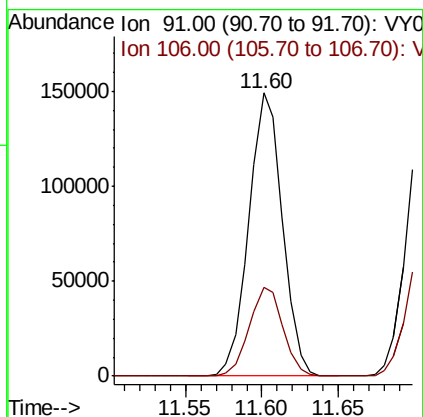
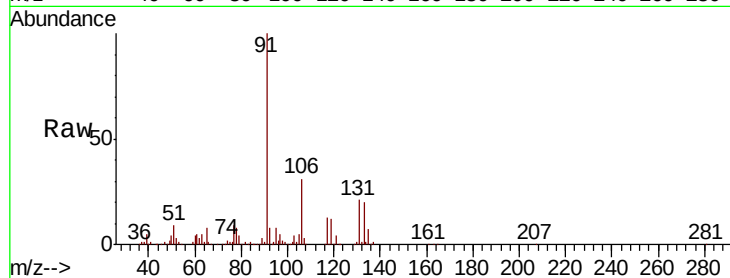




#67
Ethyl Benzene
Concen: 20.108 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

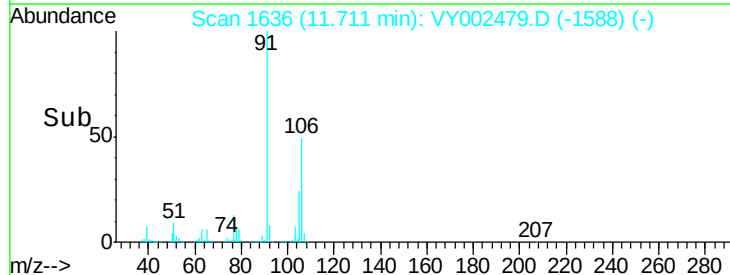
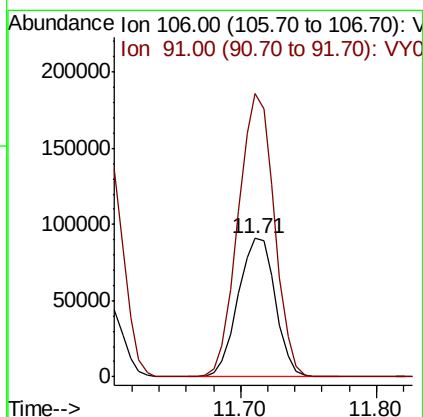
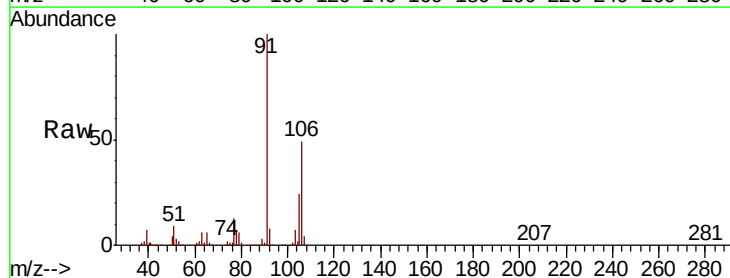
Instrument :
MSVOA_Y
ClientSampleId :

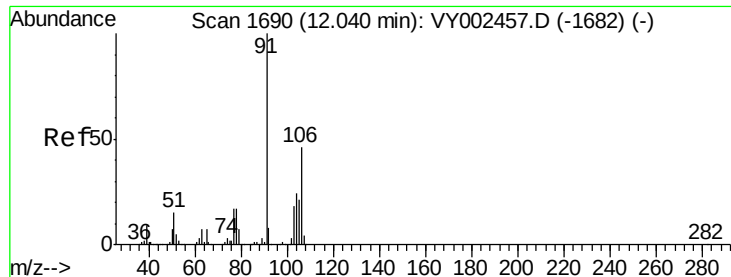
Tot Ion: 91 Resp: 227814
Ion Ratio Lower Upper
91 100
106 31.4 25.8 38.6



#68
m/p-Xylenes
Concen: 39.875 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion: 106 Resp: 173915
Ion Ratio Lower Upper
106 100
91 198.2 159.8 239.6

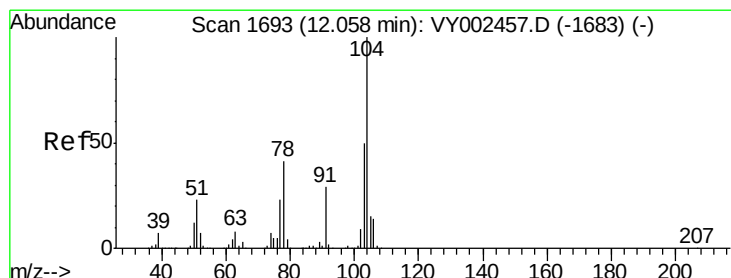
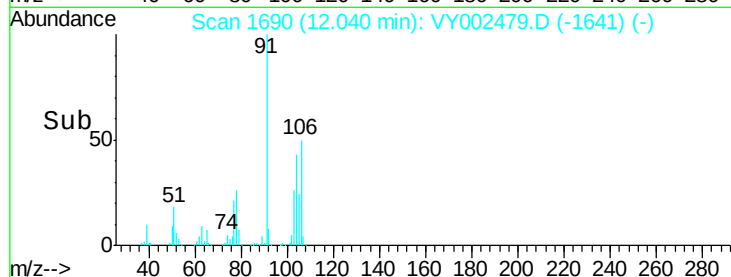
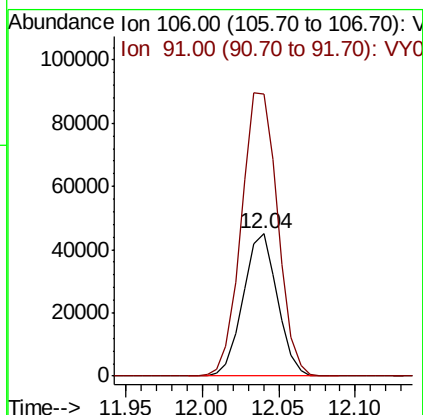
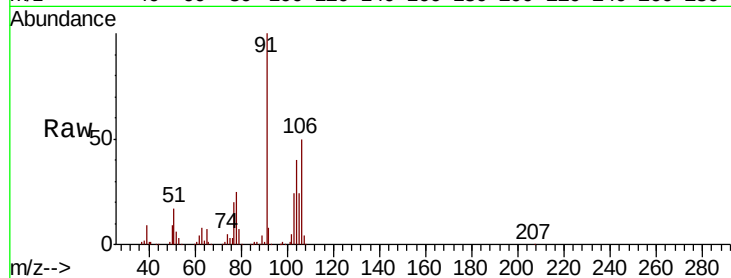




#69
o-Xylene
Concen: 17.393 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

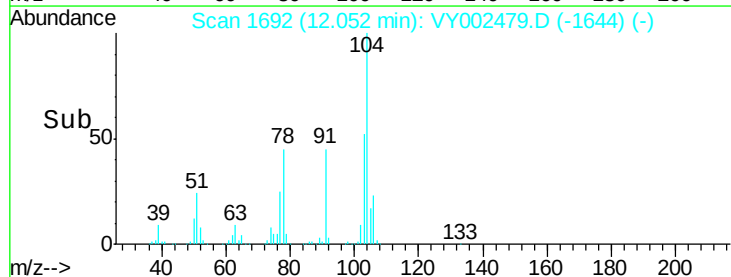
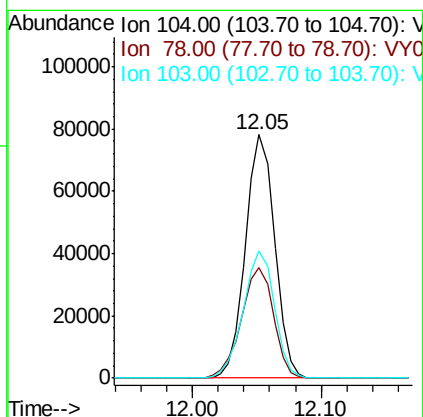
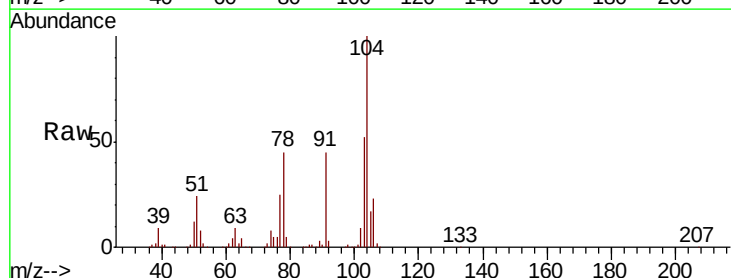
Instrument :
MSVOA_Y
ClientSampleId :

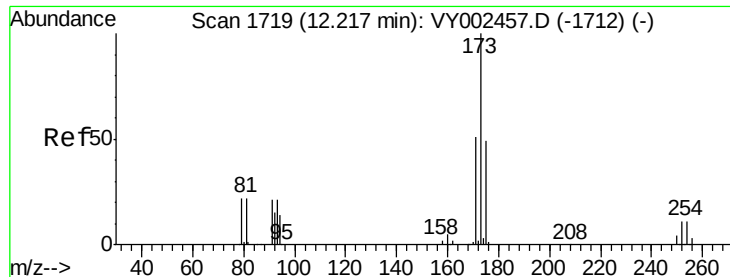
Tot Ion:106 Resp: 70250
Ion Ratio Lower Upper
106 100
91 210.1 104.5 313.3



#70
Styrene
Concen: 17.420 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion:104 Resp: 122510
Ion Ratio Lower Upper
104 100
78 49.6 38.0 57.0
103 55.8 44.4 66.6





#71

Bromoform

Concen: 17.945 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

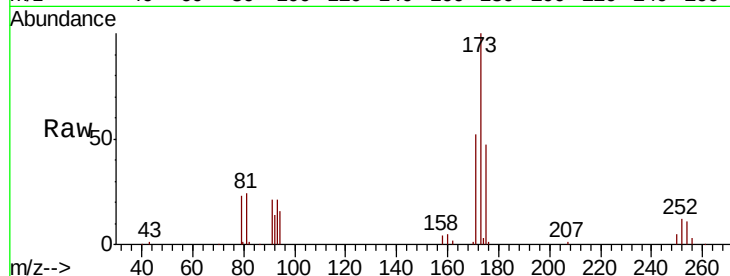
Tot Ion:173 Resp: 26964

Ion Ratio Lower Upper

173 100

175 48.3 24.3 73.0

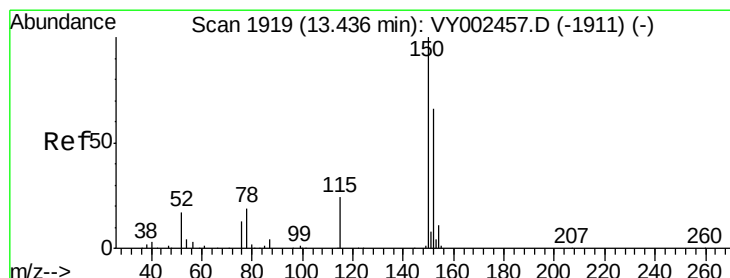
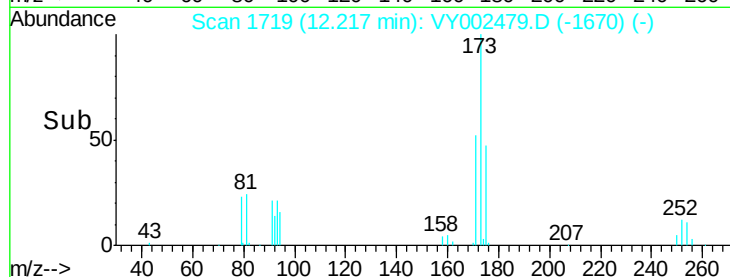
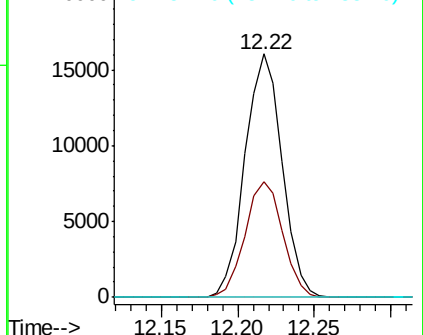
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

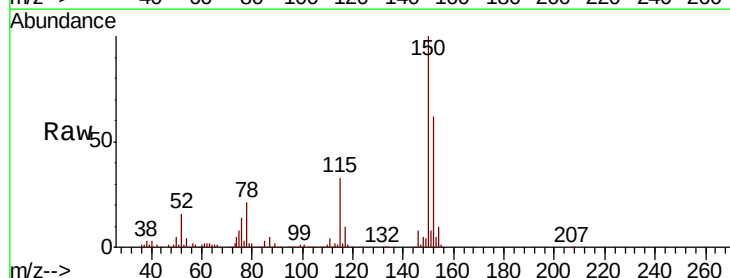
Tgt Ion:152 Resp: 148905

Ion Ratio Lower Upper

152 100

115 54.6 27.3 81.8

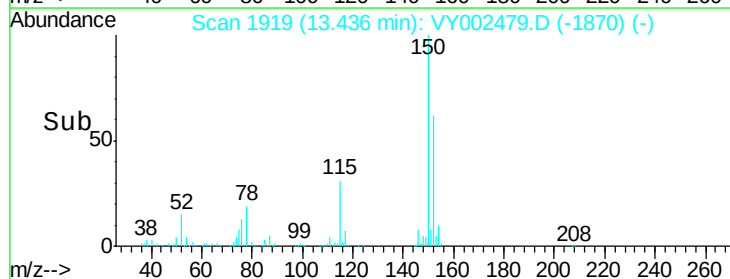
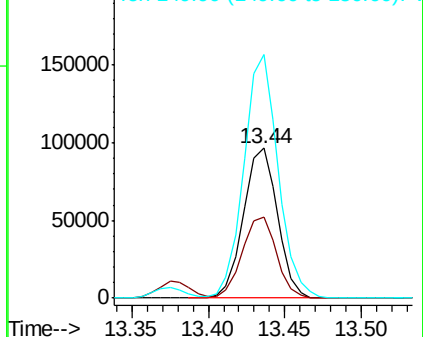
150 163.8 0.0 346.8

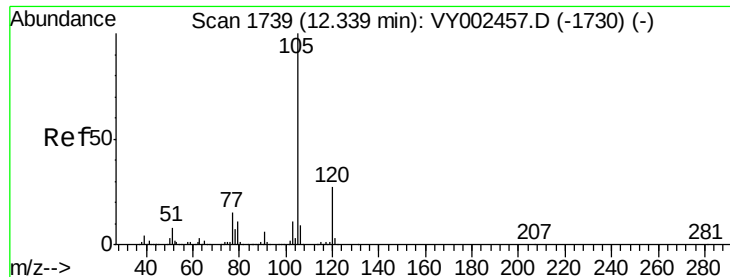


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.640 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

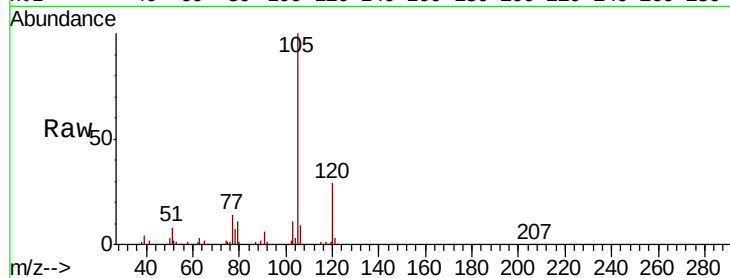
ClientSampleId :

Tot Ion:105 Resp: 195521

Ion Ratio Lower Upper

105 100

120 28.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.34

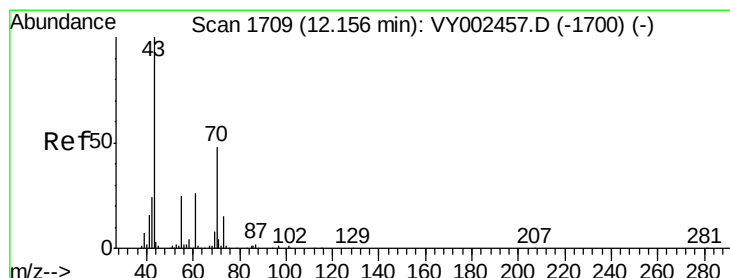
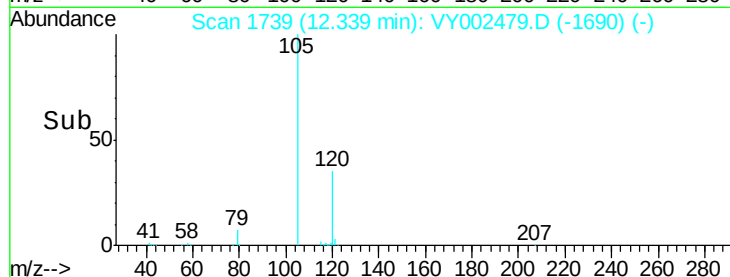
150000

100000

50000

0

Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 17.631 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Tgt Ion: 43 Resp: 41591

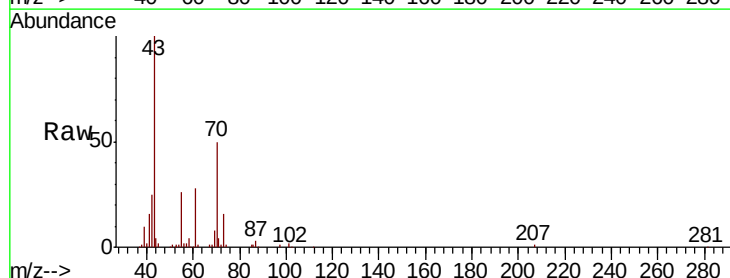
Ion Ratio Lower Upper

43 100

70 48.9 37.2 55.8

55 25.2 19.6 29.4

61 27.3 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

40000

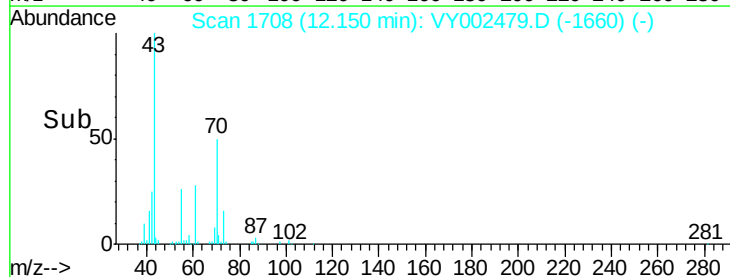
30000

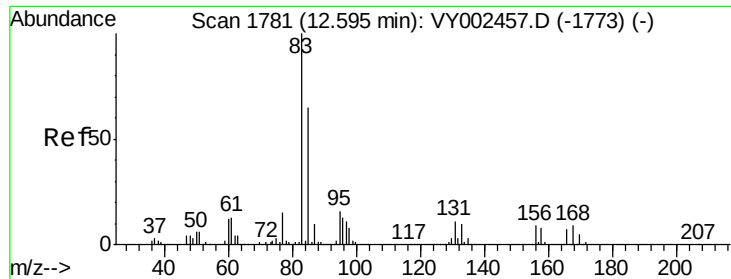
20000

10000

0

Time--> 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 18.125 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

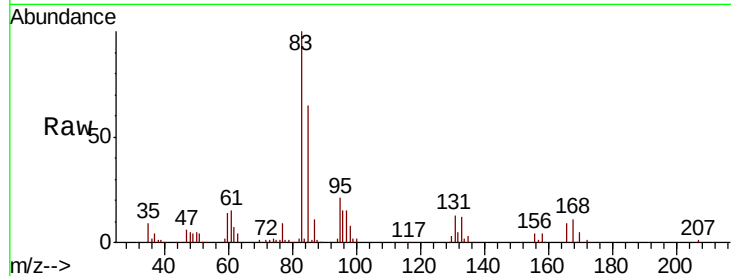
Tot Ion: 83 Resp: 27712

Ion Ratio Lower Upper

83 100

131 14.5 6.2 18.6

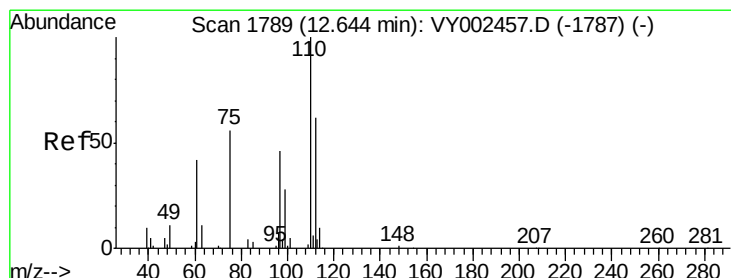
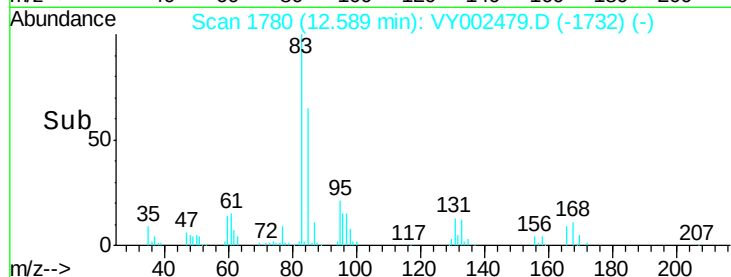
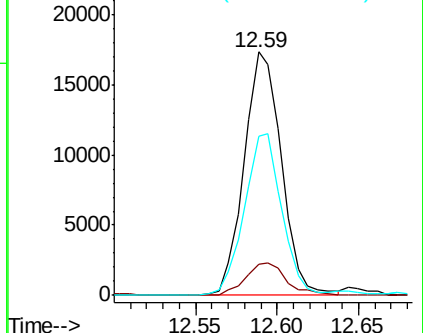
85 66.4 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 36.990 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY002479.D

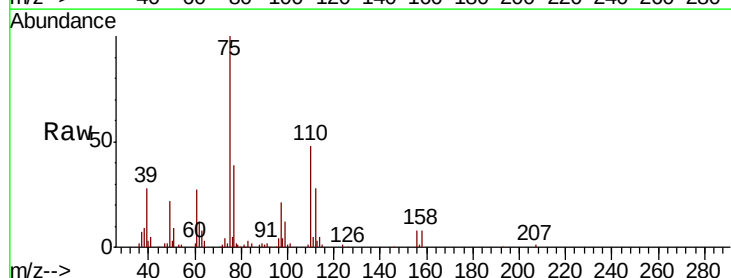
Acq: 24 Apr 2020 14:02

Tgt Ion: 75 Resp: 46683

Ion Ratio Lower Upper

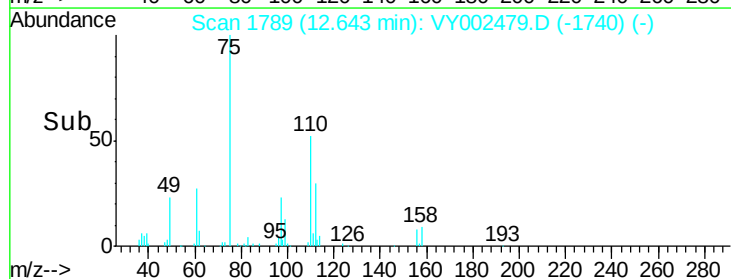
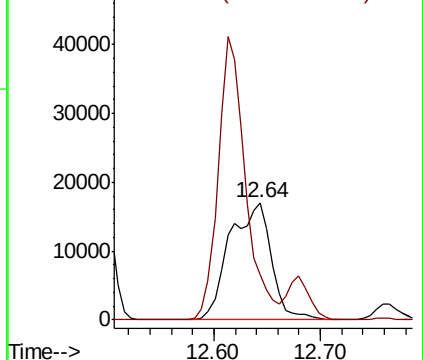
75 100

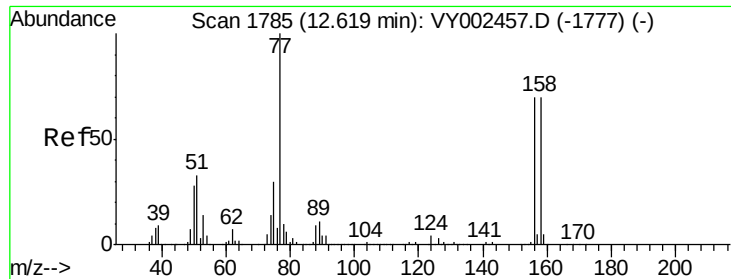
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.936 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

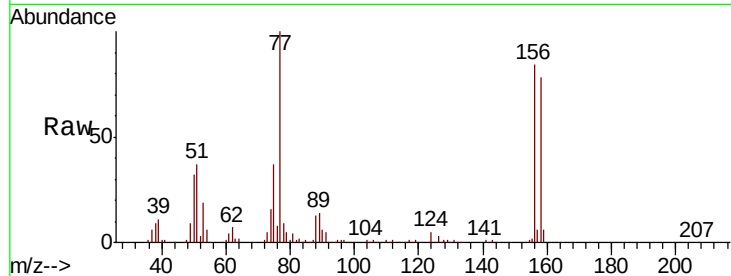
Tot Ion:156 Resp: 49774

Ion Ratio Lower Upper

156 100

77 148.1 78.5 235.7

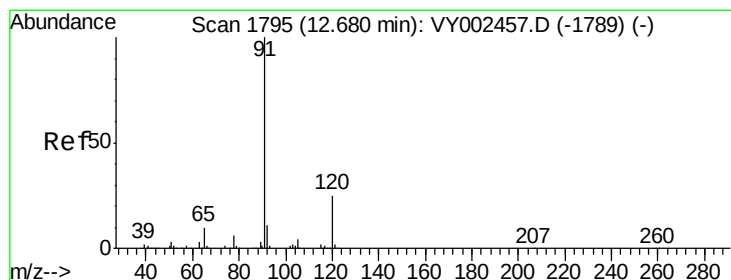
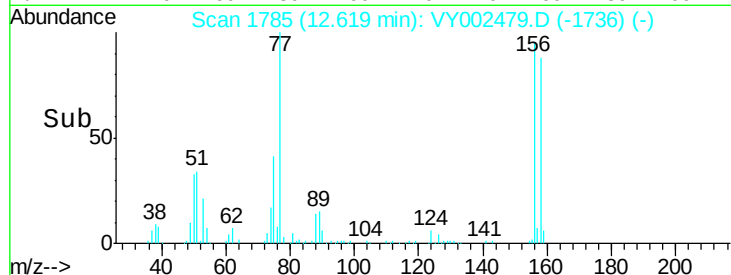
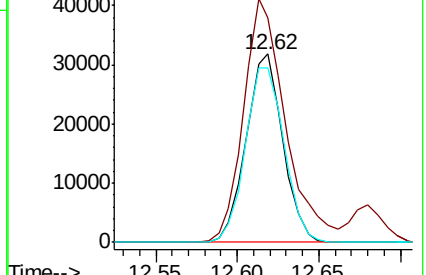
158 98.0 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.808 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002479.D

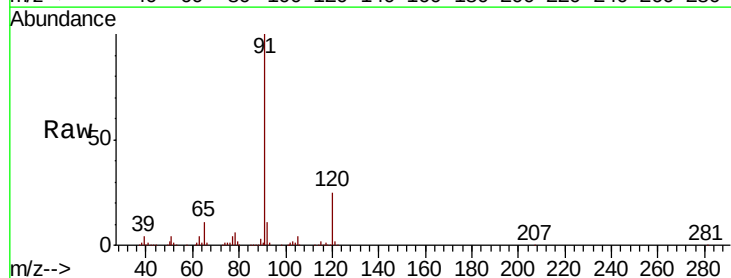
Acq: 24 Apr 2020 14:02

Tgt Ion: 91 Resp: 217393

Ion Ratio Lower Upper

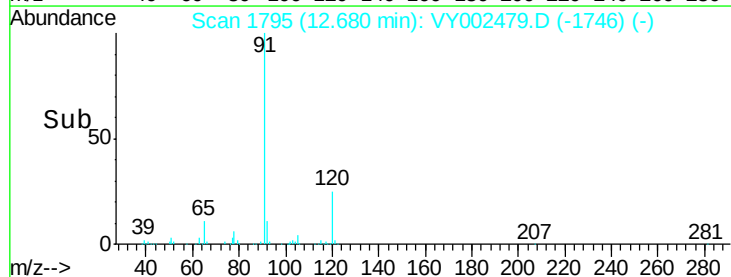
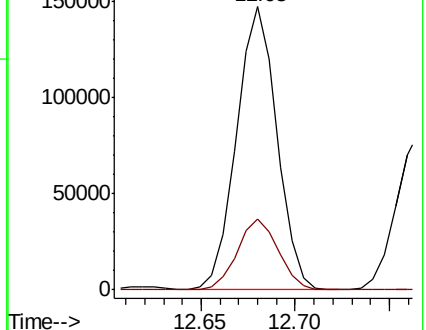
91 100

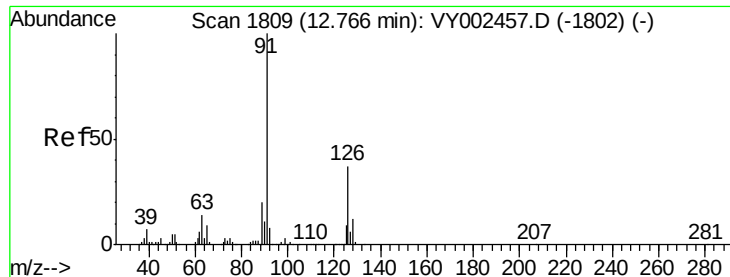
120 25.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.274 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

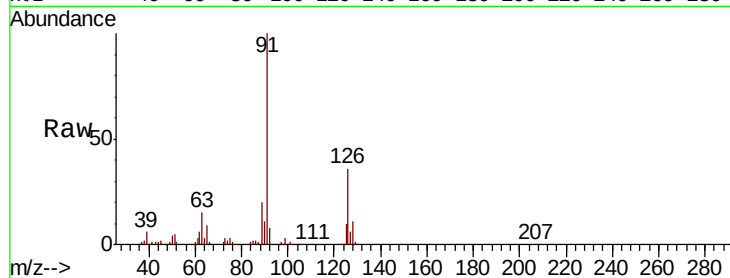
ClientSampled :

Tot Ion: 91 Resp: 121902

Ion Ratio Lower Upper

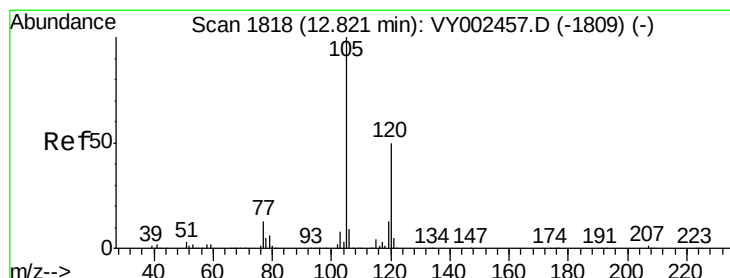
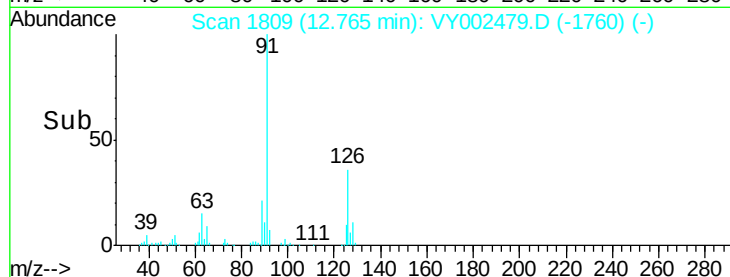
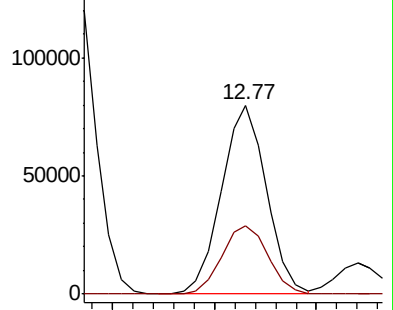
91 100

126 37.5 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY002457.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY002457.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.920 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002479.D

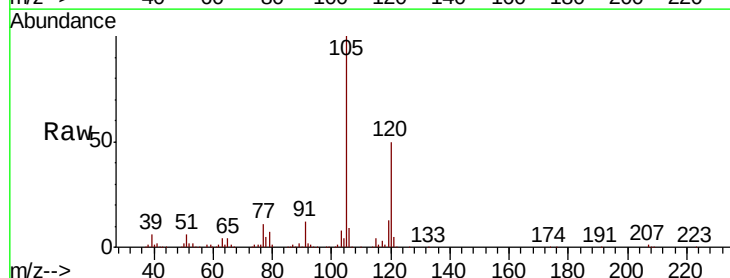
Acq: 24 Apr 2020 14:02

Tgt Ion:105 Resp: 168311

Ion Ratio Lower Upper

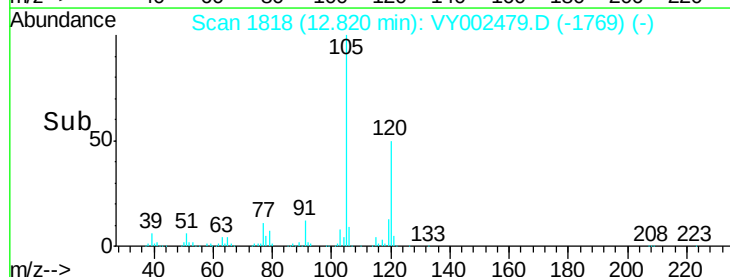
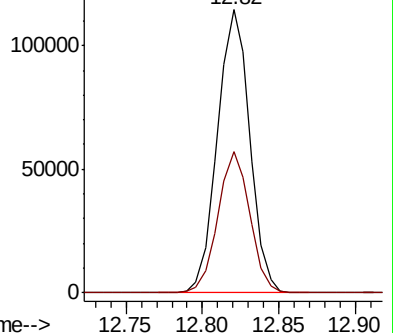
105 100

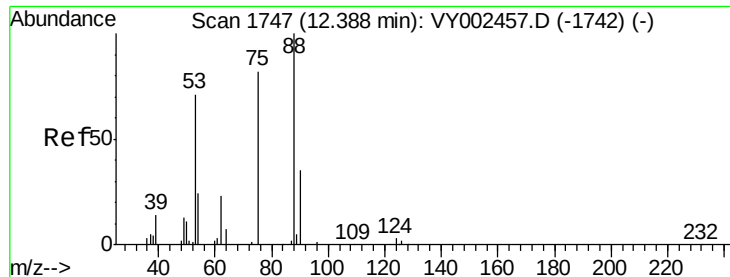
120 49.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY002457.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY002457.D (-1809) (-)

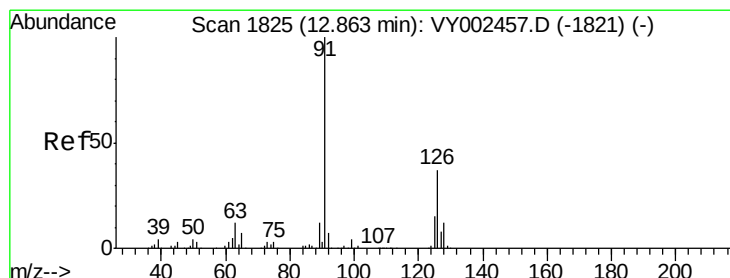
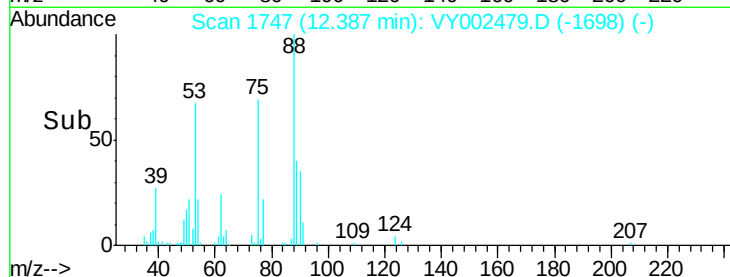
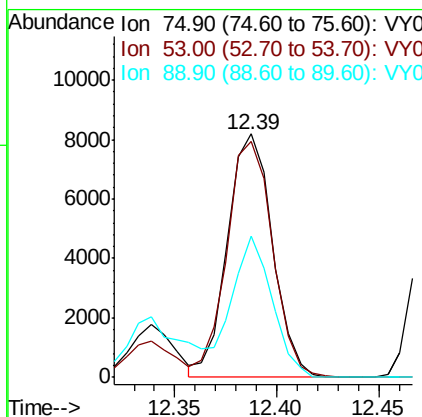
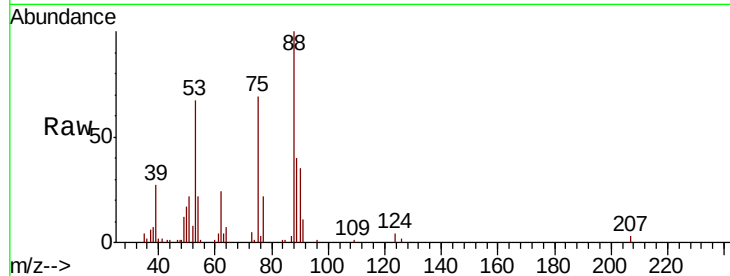




#81
trans-1,4-Dichloro-2-butene
Concen: 18.388 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

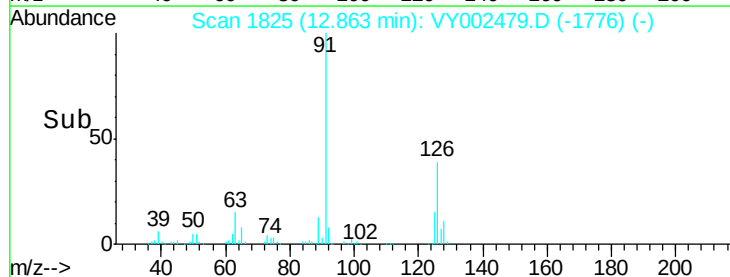
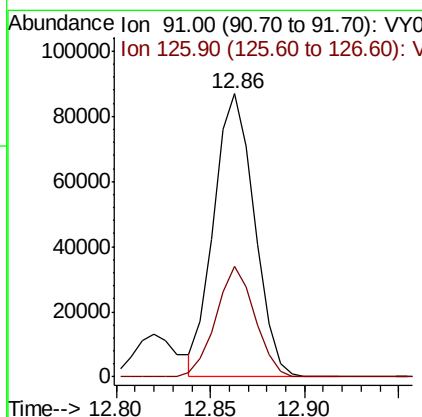
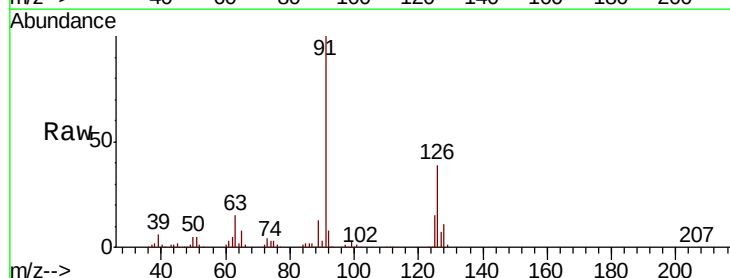
Instrument :
MSVOA_Y
ClientSampled :

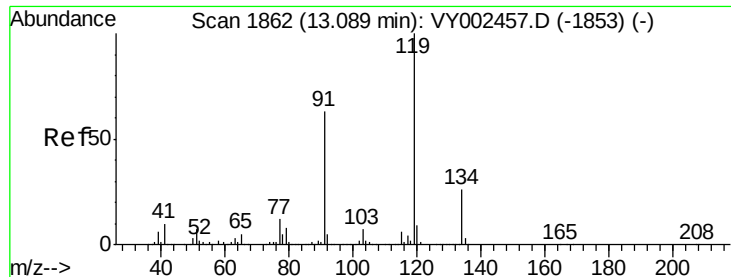
Tot Ion: 75 Resp: 12541
Ion Ratio Lower Upper
75 100
53 98.4 70.0 105.0
89 53.1 34.9 52.3#



#82
4-Chlorotoluene
Concen: 19.881 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion: 91 Resp: 129961
Ion Ratio Lower Upper
91 100
126 37.6 18.5 55.5

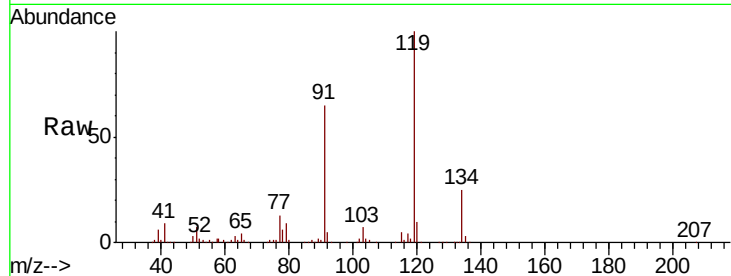




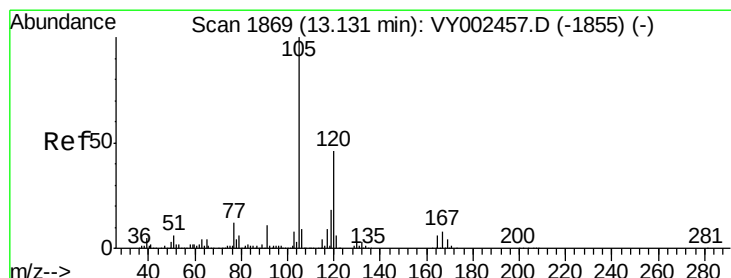
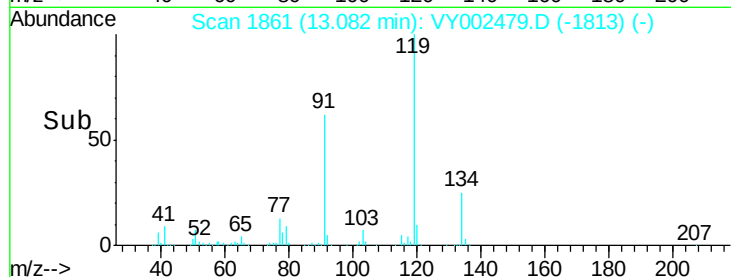
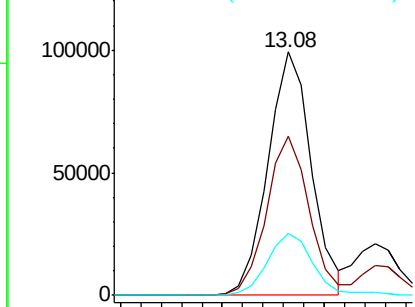
#83
tert-Butylbenzene
Concen: 20.018 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:119 Resp: 146876
Ion Ratio Lower Upper
119 100
91 63.8 30.8 92.3
134 27.1 13.2 39.6

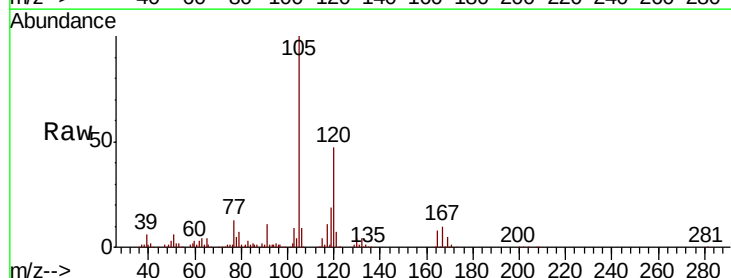


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

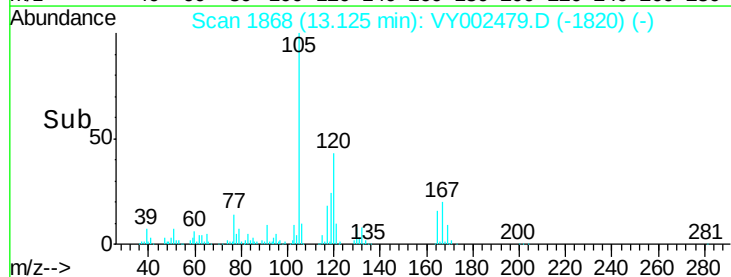
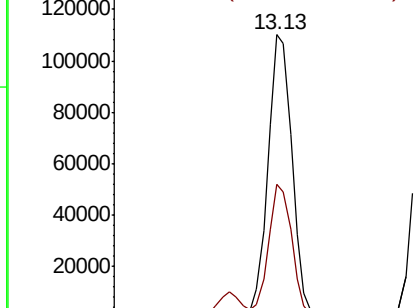


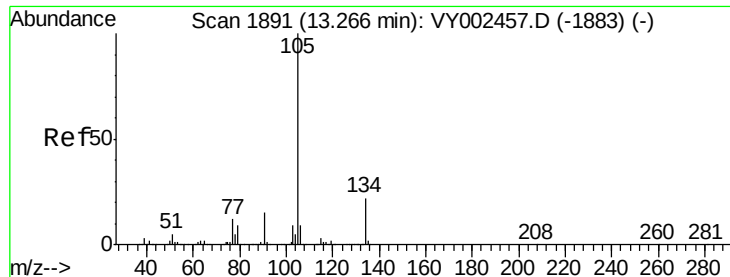
#84
1,2,4-Trimethylbenzene
Concen: 20.732 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion:105 Resp: 168056
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

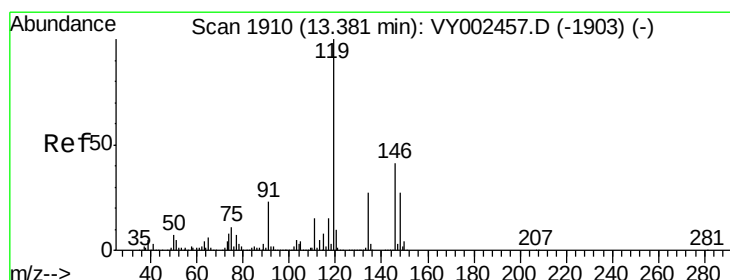
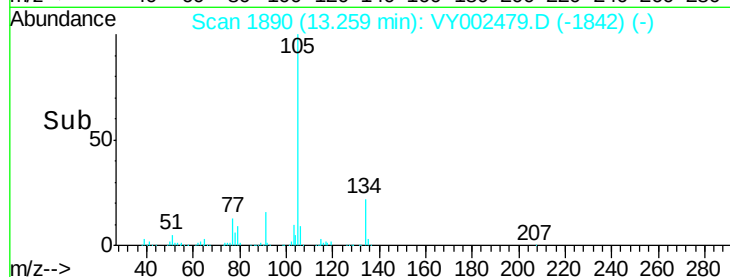
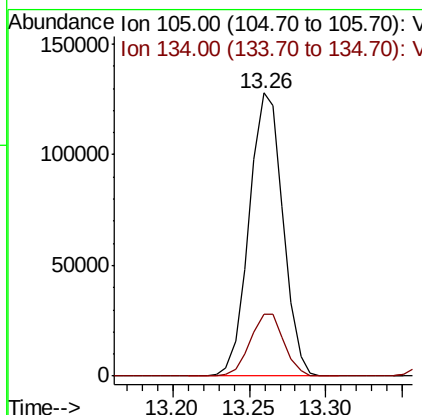
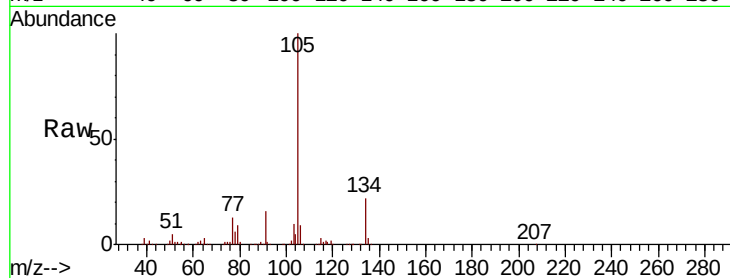




#85
 sec-Butylbenzene
 Concen: 20.003 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

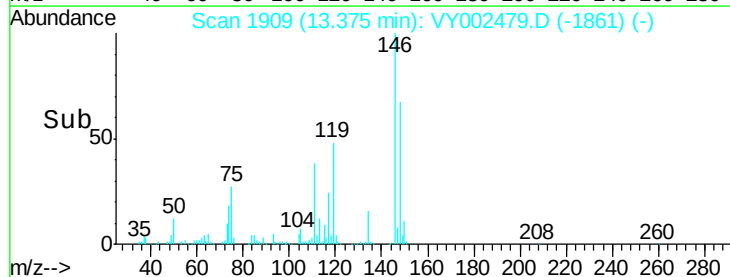
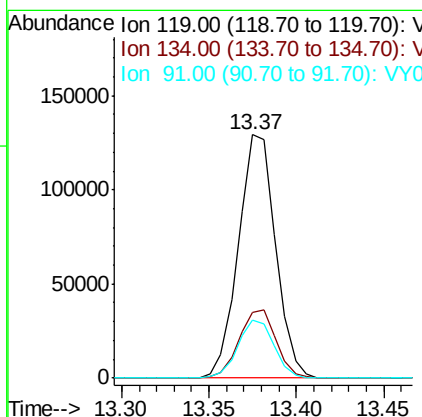
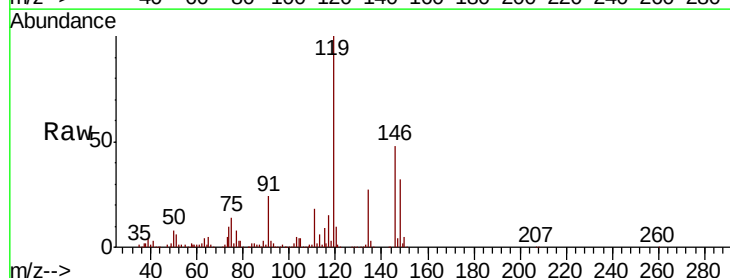
Instrument :
 MSVOA_Y
 ClientSampled :

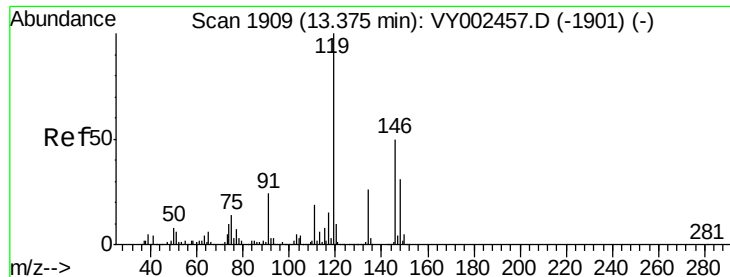
Tot Ion	Ratio	Lower	Upper
105	100		
134	21.9	10.8	32.3



#86
 p-Isopropyltoluene
 Concen: 20.423 ug/l
 RT: 13.37 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.0	13.5	40.5
91	23.4	11.5	34.4





#87

1,3-Dichlorobenzene

Concen: 20.821 ug/l

RT: 13.37 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

ClientSampled :

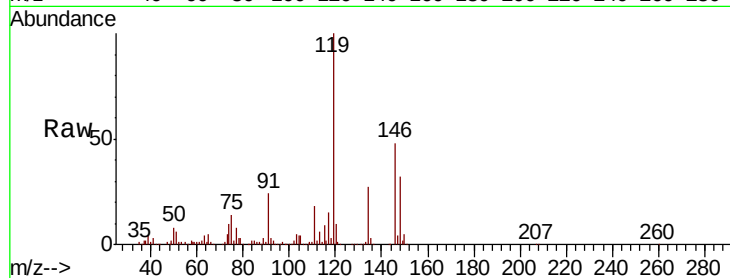
Tot Ion:146 Resp: 96147

Ion Ratio Lower Upper

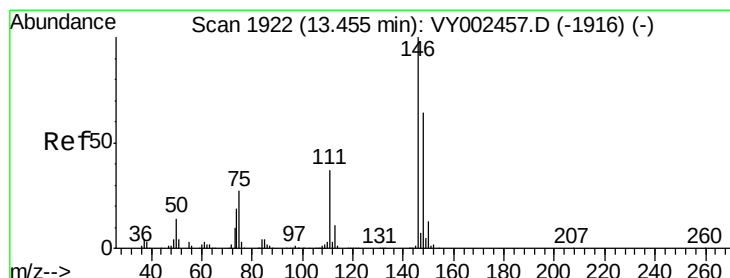
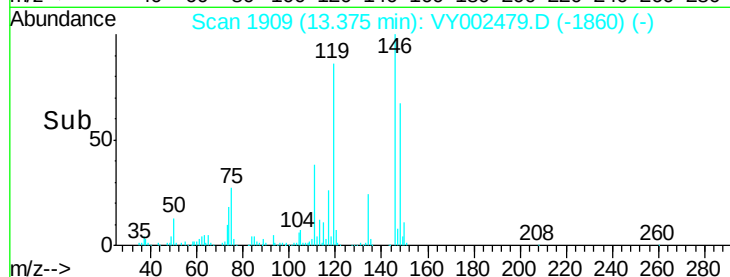
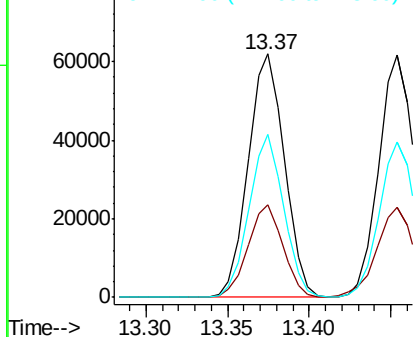
146 100

111 36.7 18.8 56.3

148 63.8 32.0 96.0



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: 20.524 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

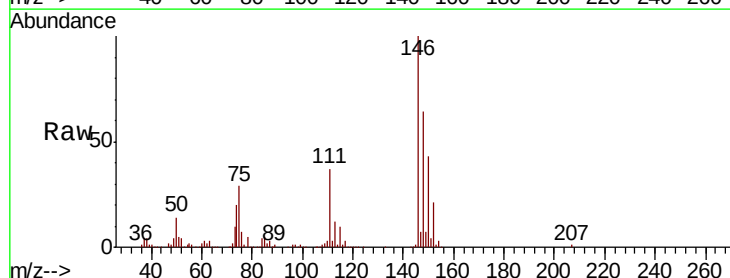
Tgt Ion:146 Resp: 94240

Ion Ratio Lower Upper

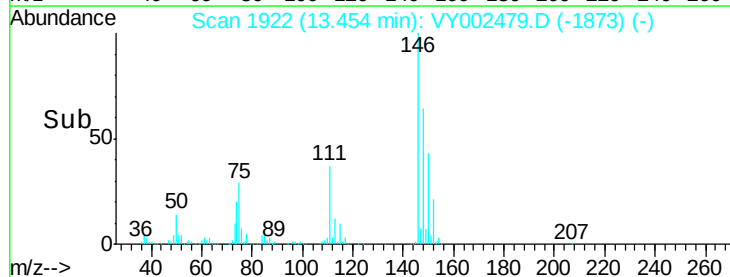
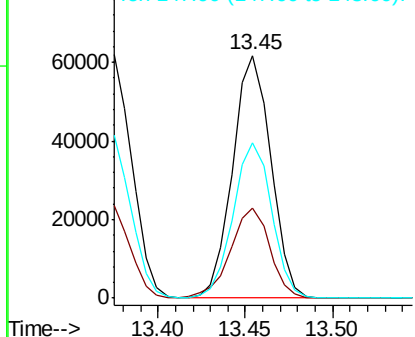
146 100

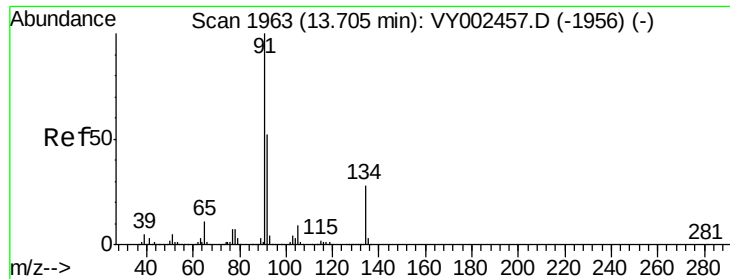
111 38.1 18.1 54.1

148 64.8 32.1 96.5



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

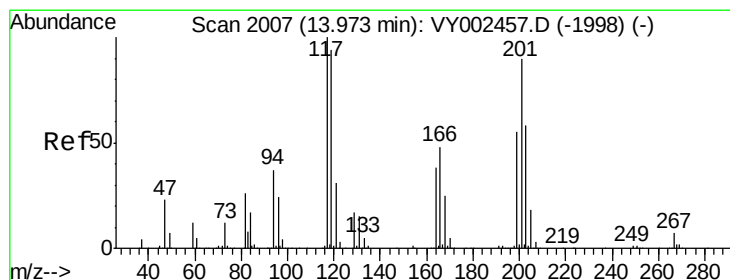
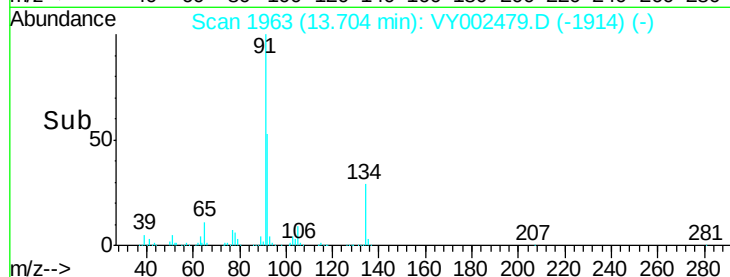
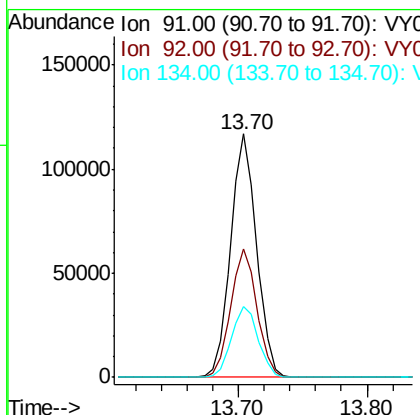
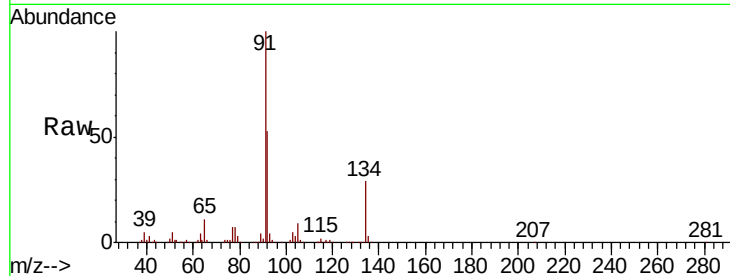




#89
n-Butylbenzene
Concen: 19.011 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

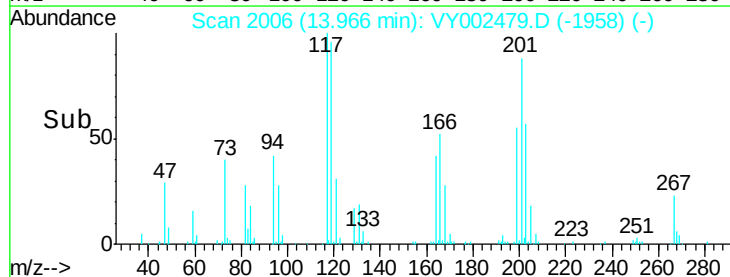
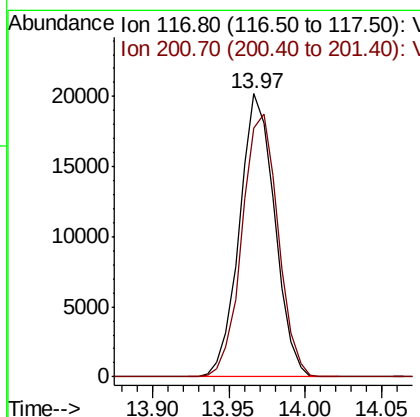
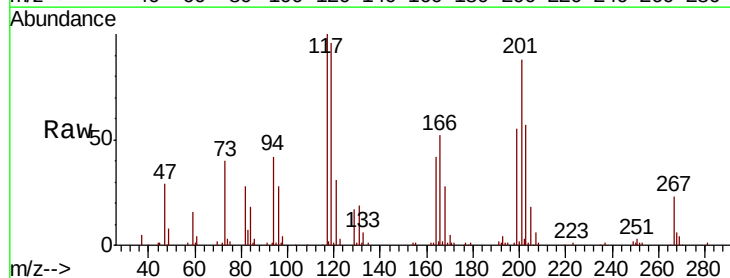
Instrument :
MSVOA_Y
ClientSampled :

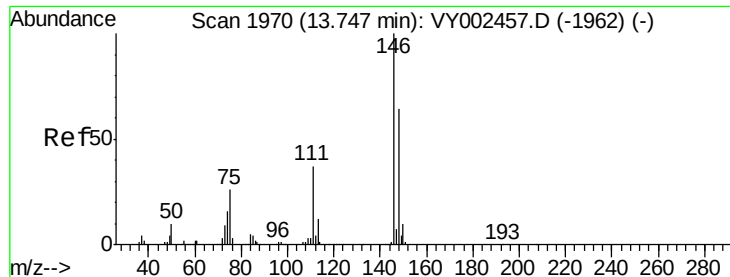
Tot Ion: 91 Resp: 164310
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.4
134 30.3 14.3 42.9



#90
Hexachloroethane
Concen: 19.057 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY002479.D
Acq: 24 Apr 2020 14:02

Tgt Ion: 117 Resp: 32273
Ion Ratio Lower Upper
117 100
201 95.2 44.4 133.1

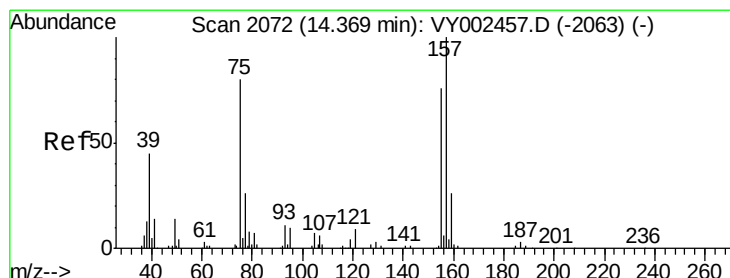
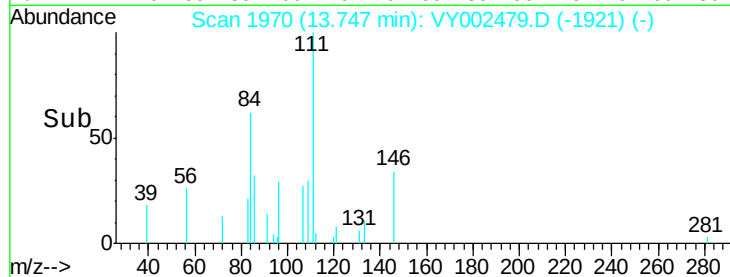
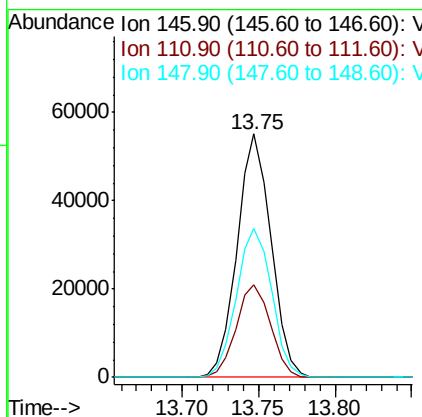
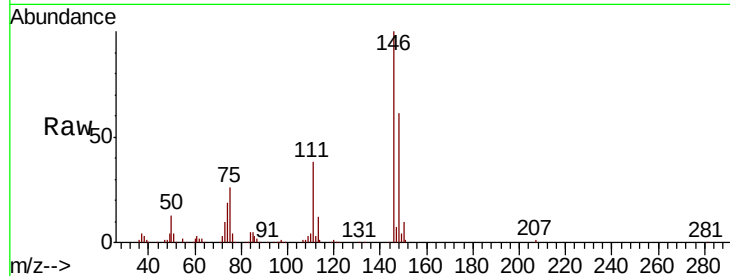




#91
 1,2-Dichlorobenzene
 Concen: 21.302 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

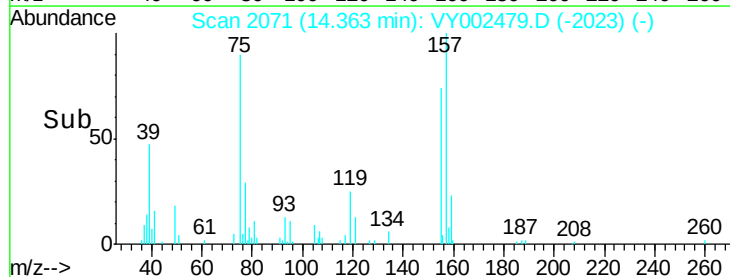
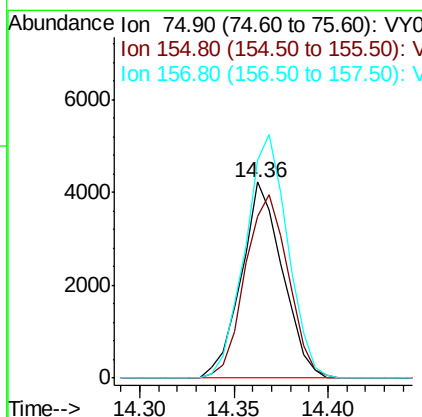
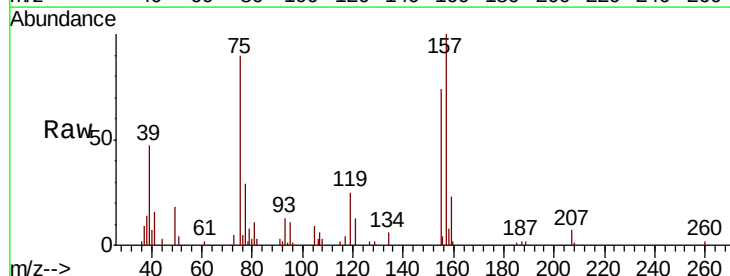
Instrument :
 MSVOA_Y
 ClientSampleId :

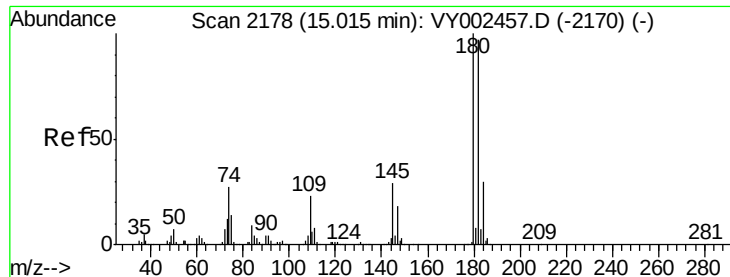
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	63.6	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.075 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	49.6	149.0
157	128.5	62.6	187.9

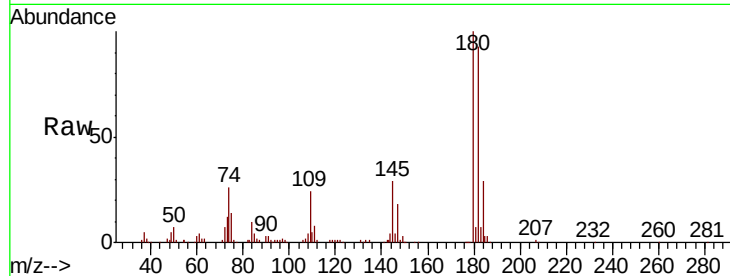




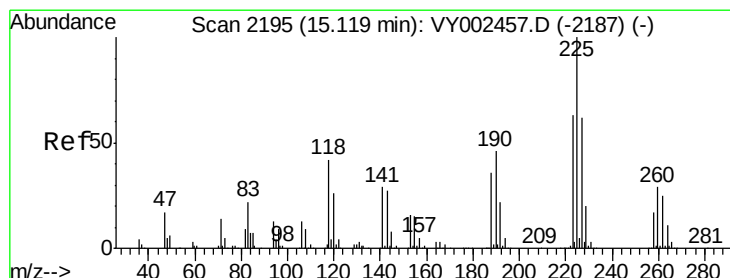
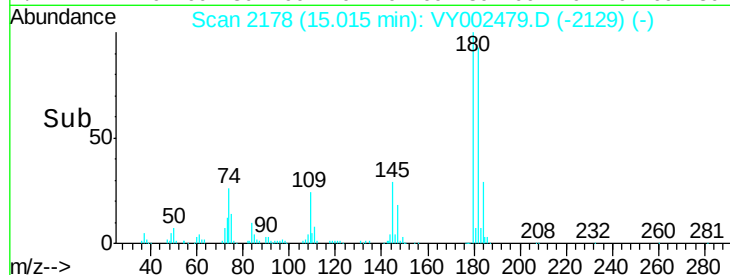
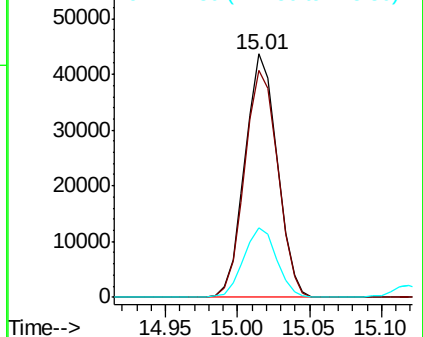
#93
 1,2,4-Trichlorobenzene
 Concen: 21.676 ug/l
 RT: 15.01 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.7
145	29.1	14.2	42.6

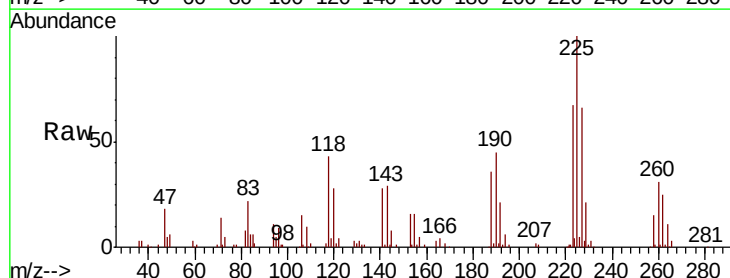


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

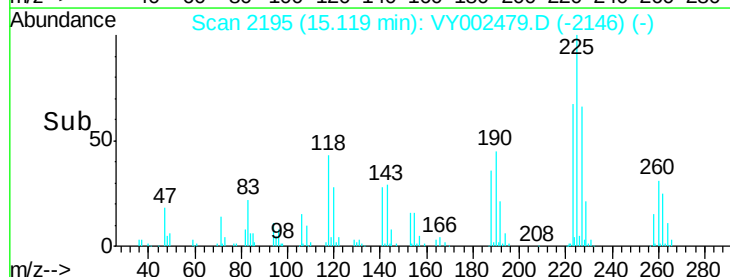
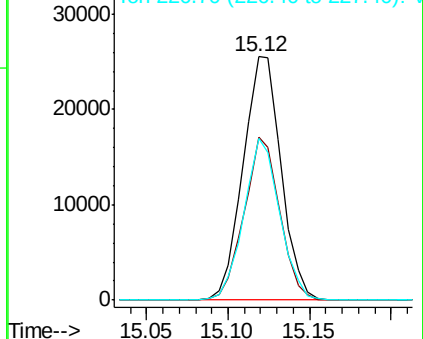


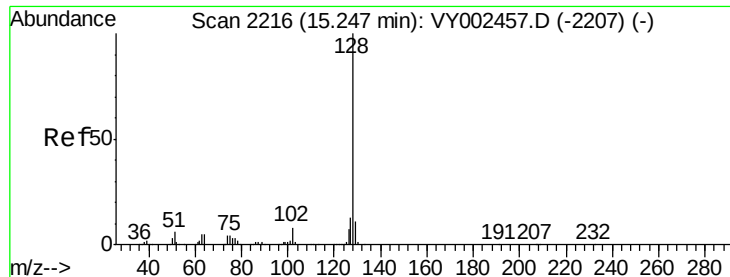
#94
 Hexachlorobutadiene
 Concen: 21.953 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002479.D
 Acq: 24 Apr 2020 14:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.1	93.3
227	62.1	31.5	94.5



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: 22.072 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

Instrument :

MSVOA_Y

ClientSampled :

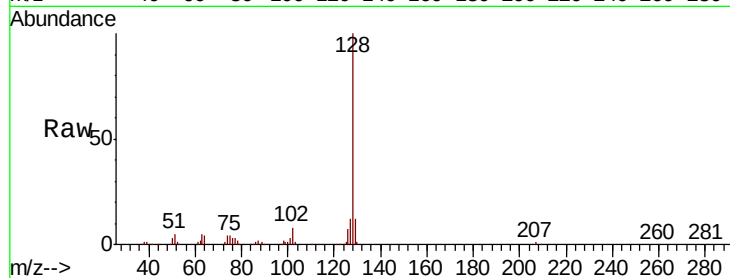
Tot Ion:128 Resp: 128483

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

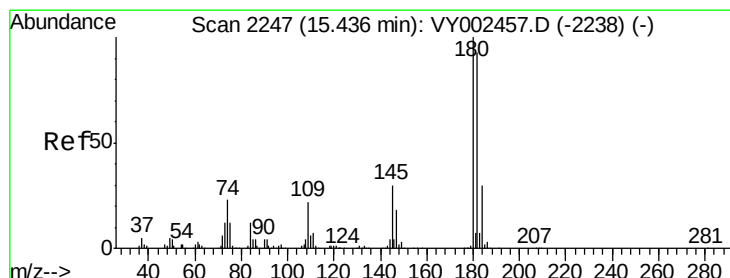
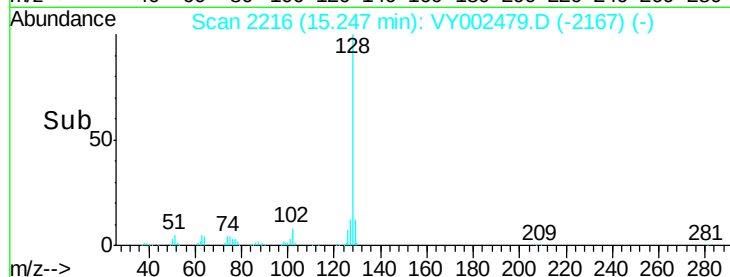
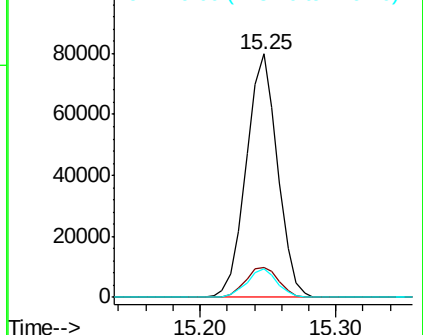
129 11.3 8.8 13.2



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: 19.657 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. -0.00 min

Lab File: VY002479.D

Acq: 24 Apr 2020 14:02

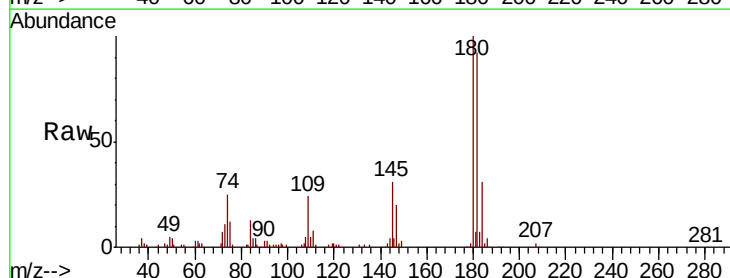
Tgt Ion:180 Resp: 52332

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.6

145 30.8 15.3 45.9



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

