

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055358.D
 Acq On : 2 May 2019 18:50
 Operator : JC/SP
 Sample : K2658-10MS 5X
 Misc : 6.41µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

Quant Time: May 03 01:58:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	367943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	589368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	535305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	245254	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	7.59	113	191309	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.09	98	749370	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.40	95	464581	106.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	200423	44.459	ug/l	97
3) Chloromethane	2.06	50	238831	42.785	ug/l	99
4) Vinyl Chloride	2.19	62	202070	44.908	ug/l	99
5) Bromomethane	2.54	94	108475	45.512	ug/l	99
6) Chloroethane	2.69	64	115144	47.237	ug/l	100
7) Trichlorofluoromethane	3.01	101	284929	44.531	ug/l	95
8) Diethyl Ether	3.41	74	112141	50.095	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	170402	44.723	ug/l	98
10) Methyl Iodide	3.96	142	244564	45.610	ug/l	100
11) Tert butyl alcohol	4.79	59	91820	333.179	ug/l	99
12) 1,1-Dichloroethene	3.74	96	168124	46.256	ug/l	99
13) Acrolein	3.61	56	47724	221.741	ug/l	98
14) Allyl chloride	4.33	41	363548	48.294	ug/l	98
15) Acrylonitrile	4.99	53	443629	286.388	ug/l	99
16) Acetone	3.82	43	370241	246.855	ug/l	98
17) Carbon Disulfide	4.06	76	383327	40.412	ug/l	97
18) Methyl Acetate	4.33	43	224269	61.623	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	551122	53.937	ug/l	100
20) Methylene Chloride	4.55	84	204113	44.586	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	175261	45.530	ug/l	100
22) Diisopropyl ether	5.95	45	767694	51.327	ug/l	98
23) Vinyl Acetate	5.90	43	2764065	281.969	ug/l	99
24) 1,1-Dichloroethane	5.85	63	380383	47.732	ug/l	99
25) 2-Butanone	6.84	43	568836	296.564	ug/l	100
26) 2,2-Dichloropropane	6.83	77	238732	43.382	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	212970	48.651	ug/l	100
28) Bromochloromethane	7.20	49	196458	48.907	ug/l	98
29) Tetrahydrofuran	7.21	42	376991	306.944	ug/l	100
30) Chloroform	7.37	83	361424	47.843	ug/l	99
31) Cyclohexane	7.66	56	342937	45.293	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	288842	47.111	ug/l	99
36) 1,1-Dichloropropene	7.80	75	259095	45.896	ug/l	99
37) Ethyl Acetate	6.93	43	243269	56.226	ug/l	98
38) Carbon Tetrachloride	7.78	117	233775	42.929	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	415290	69.191	ug/l	98
40) Benzene	8.04	78	792195	47.603	ug/l	99
41) Methacrylonitrile	7.17	41	130597	55.687	ug/l	98
42) 1,2-Dichloroethane	8.13	62	287624	48.798	ug/l	100
43) Isopropyl Acetate	8.17	43	430775	61.954	ug/l	97
44) Trichloroethene	8.84	130	197549	46.565	ug/l	99
45) 1,2-Dichloropropane	9.12	63	232774	48.497	ug/l	99
46) Dibromomethane	9.21	93	132043	50.329	ug/l	99
47) Bromodichloromethane	9.40	83	276091	49.054	ug/l	98
48) Methyl methacrylate	9.20	41	201103	58.834	ug/l	99
49) 1,4-Dioxane	9.20	88	46939	1328.413	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1236489	315.858	ug/l	99
52) Toluene	10.16	92	476278	49.879	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	269657	55.190	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	317087	52.051	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	160515	45.269	ug/l #	25
56) Ethyl methacrylate	10.43	69	413415	94.727	ug/l	87
57) 1,3-Dichloropropane	10.71	76	324748	52.208	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	436770	318.874	ug/l	100
59) 2-Hexanone	10.75	43	711878	290.637	ug/l	88
60) Dibromochloromethane	10.90	129	187734	51.804	ug/l	99
61) 1,2-Dibromoethane	11.01	107	176217	53.769	ug/l	97
64) Tetrachloroethene	10.63	164	185943	42.476	ug/l	98
65) Chlorobenzene	11.44	112	500982	47.868	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	180600	44.069	ug/l	99
67) Ethyl Benzene	11.51	91	2521669	133.426	ug/l	99
68) m/p-Xylenes	11.62	106	2869073	425.300	ug/l	99
69) o-Xylene	11.95	106	482743	72.198	ug/l	94
70) Styrene	11.96	104	577145	56.217	ug/l	93
71) Bromoform	12.13	173	117331	51.597	ug/l #	99
73) Isopropylbenzene	12.25	105	3617508	166.894	ug/l	100
74) N-amyl acetate	12.05	43	1667558	227.961	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.51	83	108603	17.140	ug/l #	2
76) 1,2,3-Trichloropropane	12.55	75	287323	54.456	ug/l #	100
77) Bromobenzene	12.53	156	215917	39.235	ug/l	89
78) n-propylbenzene	12.59	91	8891314	303.675	ug/l	99
79) 2-Chlorotoluene	12.78	91	557855	35.332	ug/l	89
80) 1,3,5-Trimethylbenzene	12.73	105	13225529	591.857	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	56943	37.859	ug/l #	35
82) 4-Chlorotoluene	12.78	91	557855	32.769	ug/l	87
83) tert-Butylbenzene	12.99	119	1112160	71.571	ug/l	97
84) 1,2,4-Trimethylbenzene	12.89	105	6085783	304.519	ug/l	77
85) sec-Butylbenzene	13.17	105	4949026	203.766	ug/l	79
86) p-Isopropyltoluene	13.29	119	4469081	223.874	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	358769	37.615	ug/l #	74
88) 1,4-Dichlorobenzene	13.36	146	342517	38.133	ug/l #	79
89) n-Butylbenzene	13.62	91	6573306	463.397	ug/l #	73
90) Hexachloroethane	13.89	117	626018	202.874	ug/l #	23
91) 1,2-Dichlorobenzene	13.65	146	349866	37.010	ug/l #	77
92) 1,2-Dibromo-3-Chloropropan	14.25	75	80707	107.627	ug/l #	45

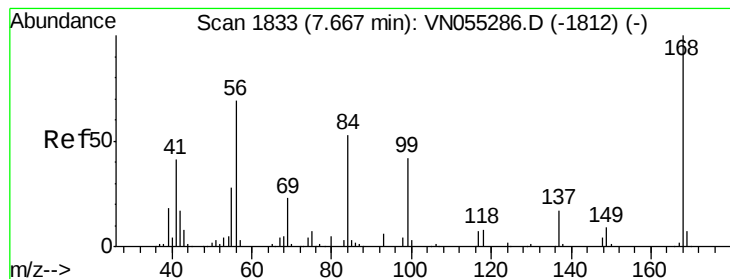
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	229570	60.831	ug/l #	64
94) Hexachlorobutadiene	15.01	225	152211	53.717	ug/l	97
95) Naphthalene	15.13	128	2101022	250.864	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	217940	58.891	ug/l #	87

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

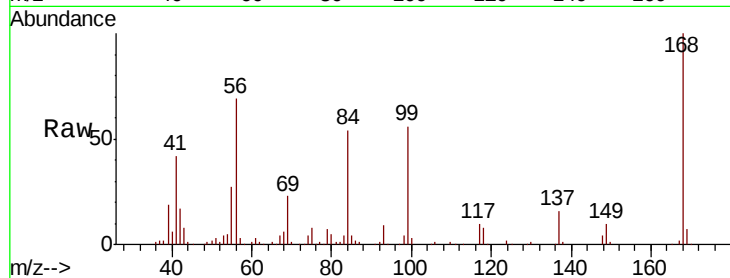
EP1-SB-E2-3(14-17)MS

Tot Ion:168 Resp: 367943

Ion Ratio Lower Upper

168 100

99 55.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

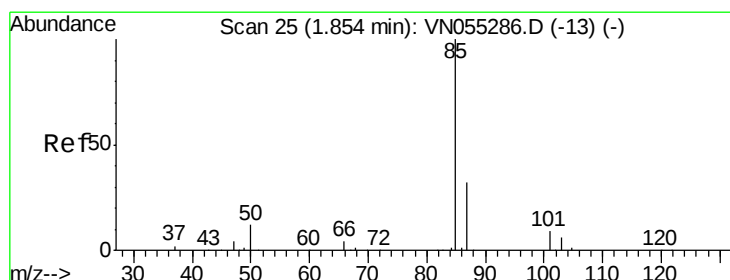
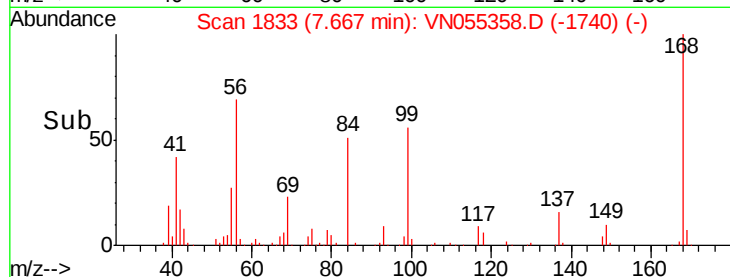
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.459 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055358.D

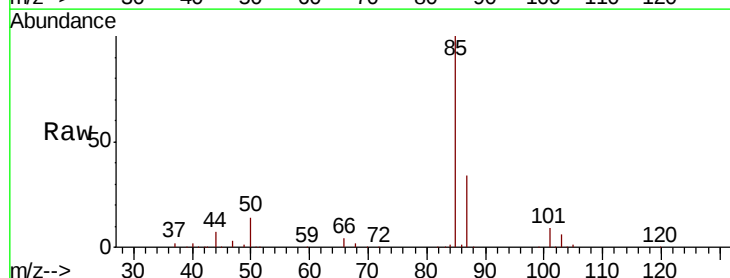
Acq: 2 May 2019 18:50

Tgt Ion: 85 Resp: 200423

Ion Ratio Lower Upper

85 100

87 34.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

150000

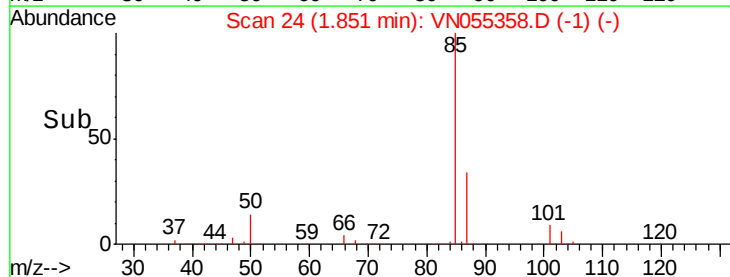
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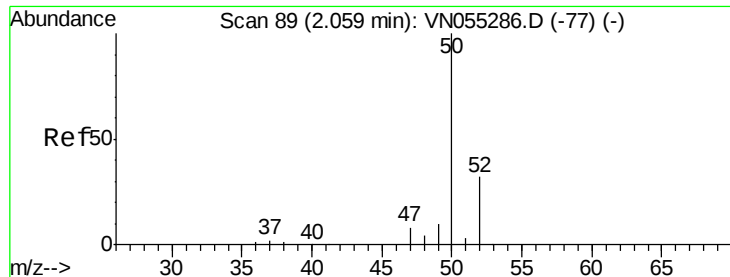
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 42.785 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

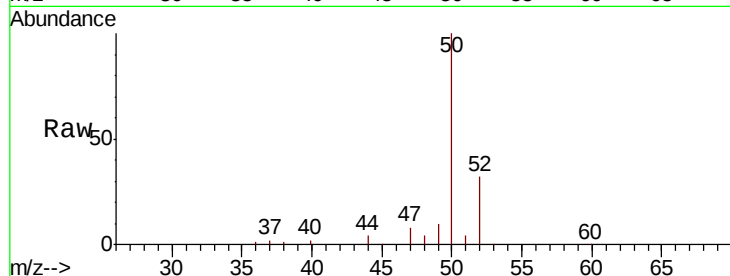
EP1-SB-E2-3(14-17)MS

Tot Ion: 50 Resp: 238831

Ion Ratio Lower Upper

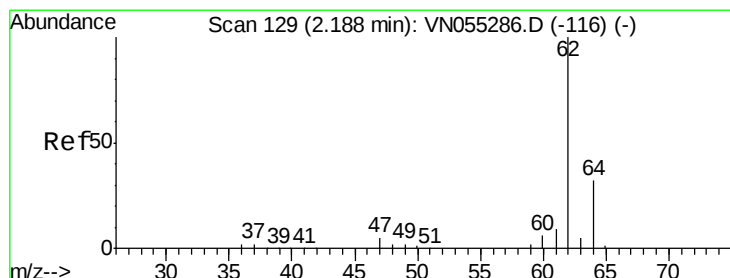
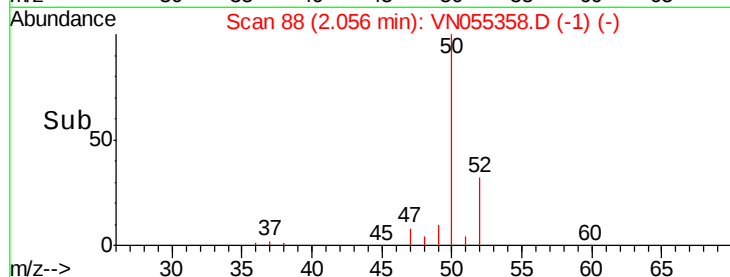
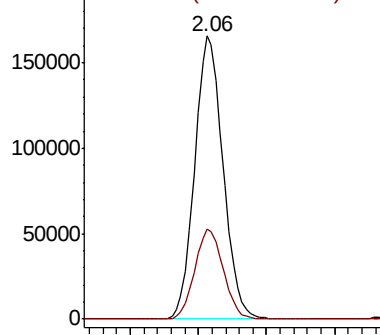
50 100

52 31.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 44.908 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055358.D

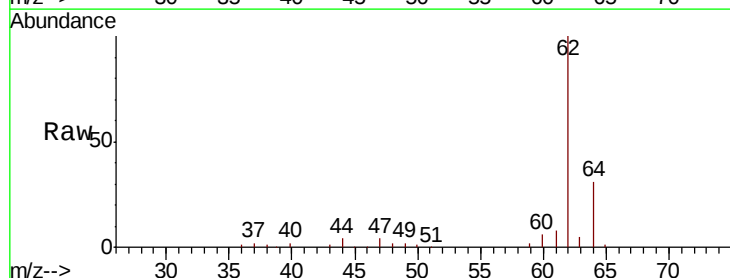
Acq: 2 May 2019 18:50

Tgt Ion: 62 Resp: 202070

Ion Ratio Lower Upper

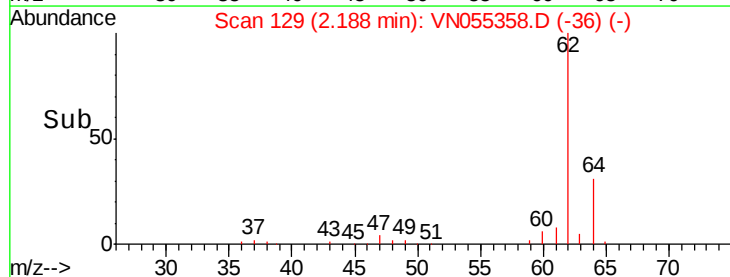
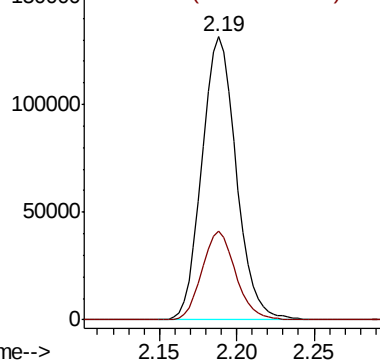
62 100

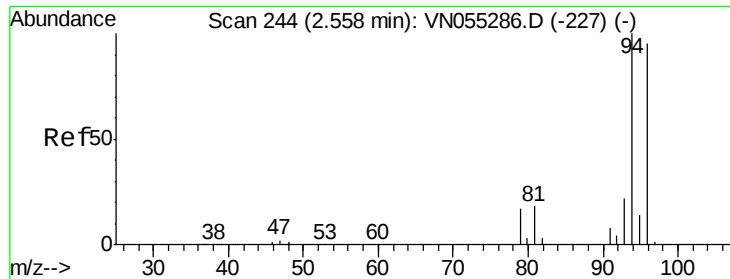
64 31.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

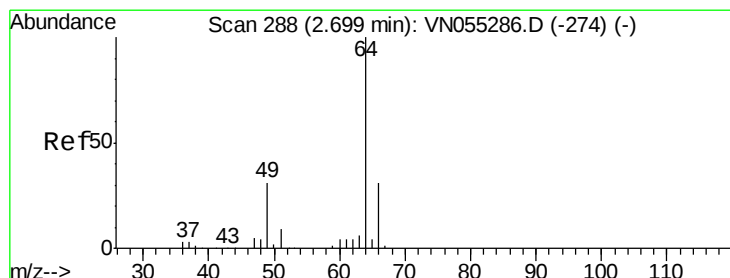
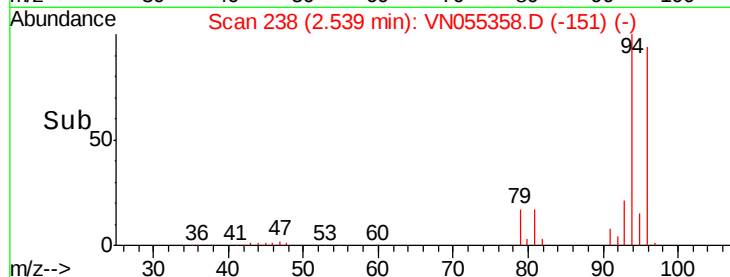
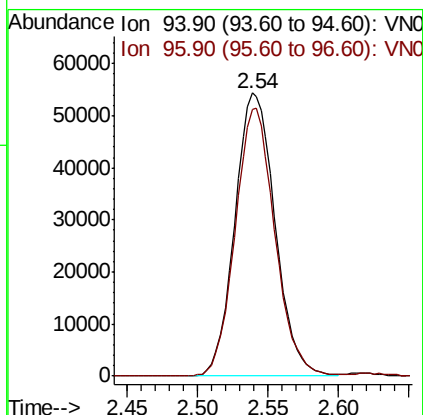
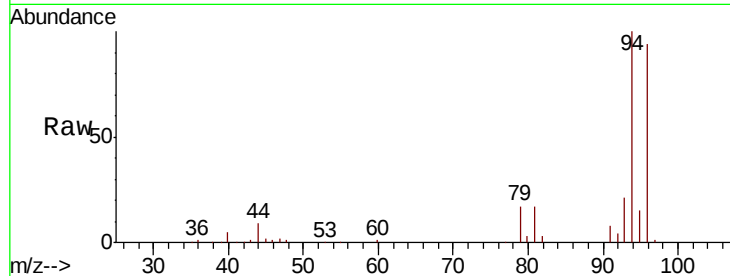




#5
Bromomethane
Concen: 45.512 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.02 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

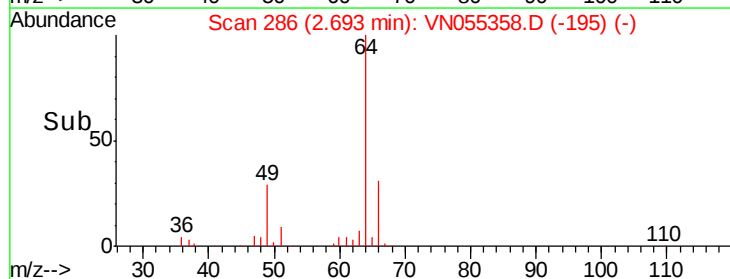
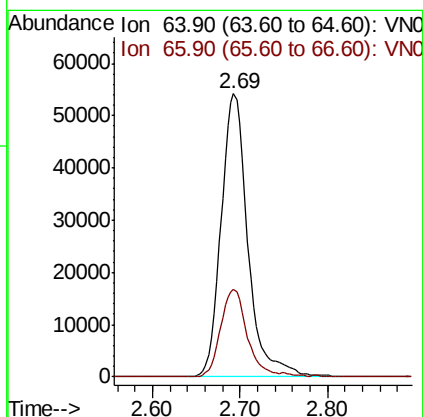
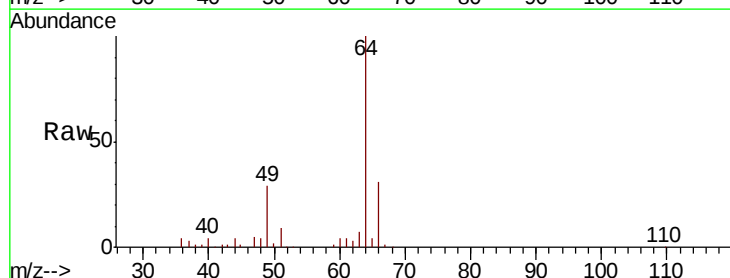
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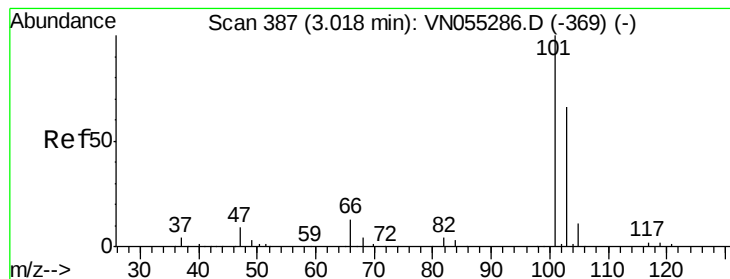
Tot Ion: 94 Resp: 108475
Ion Ratio Lower Upper
94 100
96 94.3 76.0 114.0



#6
Chloroethane
Concen: 47.237 ug/l
RT: 2.69 min Scan# 286
Delta R.T. -0.01 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 64 Resp: 115144
Ion Ratio Lower Upper
64 100
66 30.9 25.0 37.4



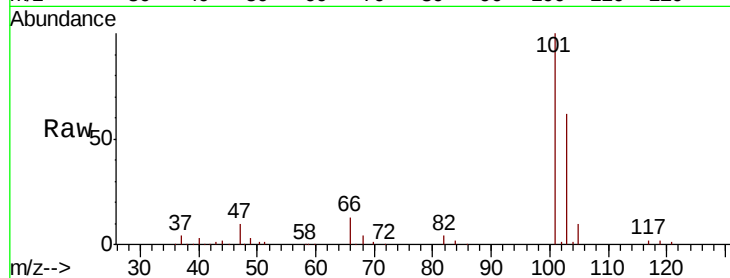


#7

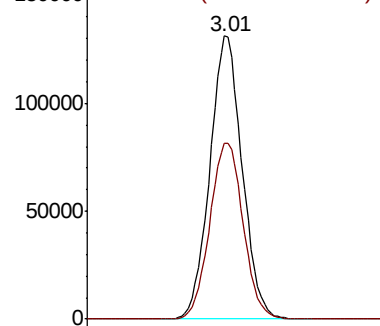
Trichlorofluoromethane
Concen: 44.531 ug/l
RT: 3.01 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

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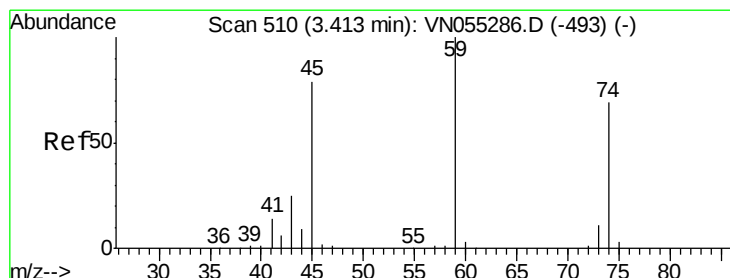
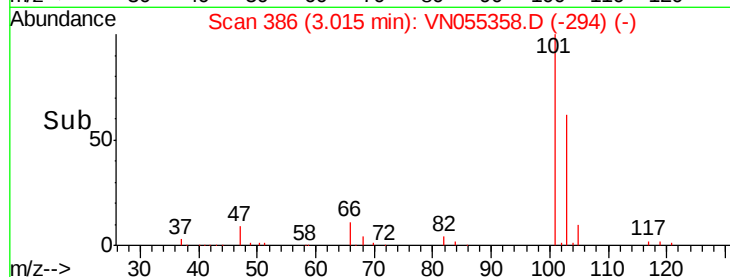
Tot Ion:101 Resp: 284929
Ion Ratio Lower Upper
101 100
103 61.9 52.6 79.0



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



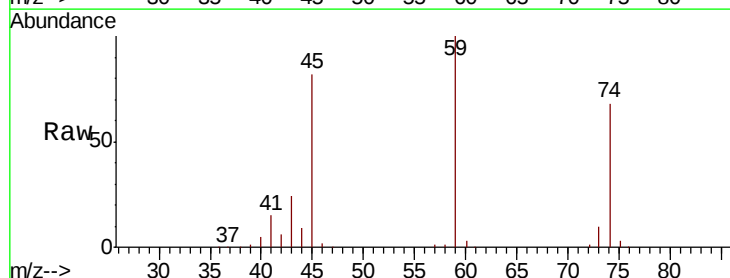
Time--> 2.90 3.00 3.10



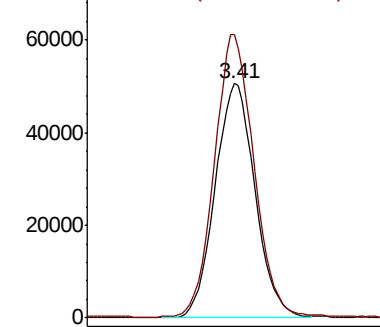
#8

Diethyl Ether
Concen: 50.095 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

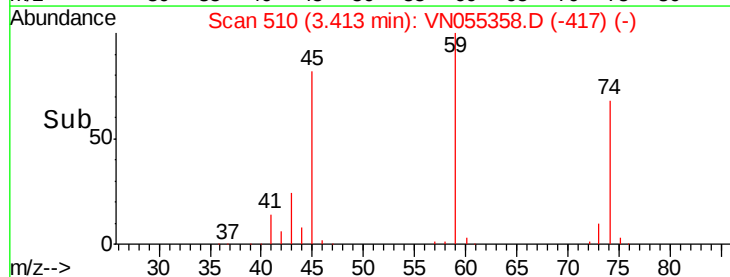
Tgt Ion: 74 Resp: 112141
Ion Ratio Lower Upper
74 100
45 119.0 58.9 176.6

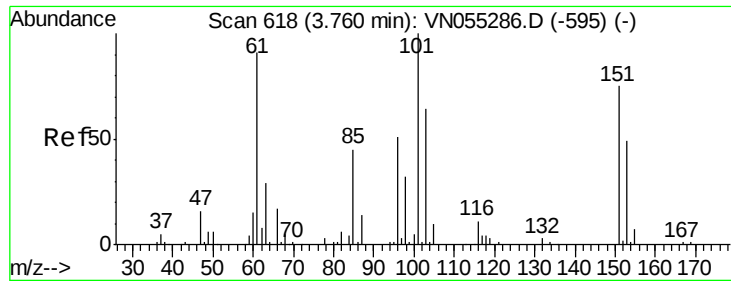


Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO



Time--> 3.30 3.35 3.40 3.45 3.50





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.723 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

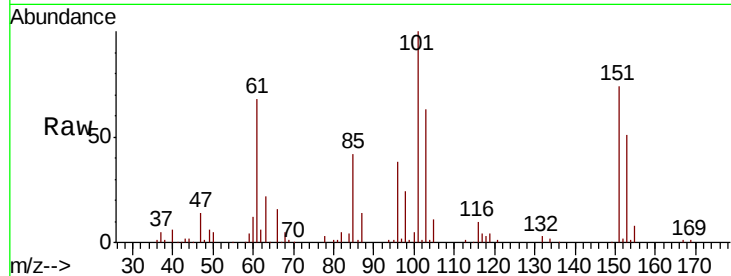
Tot Ion:101 Resp: 170402

Ion Ratio Lower Upper

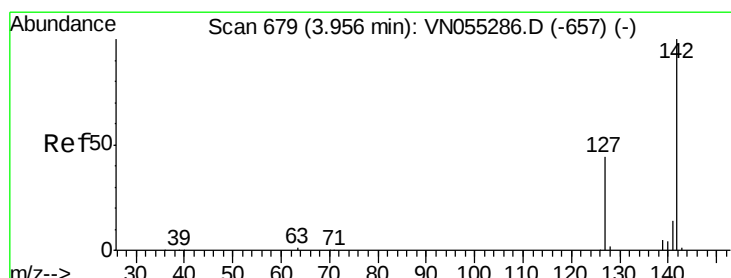
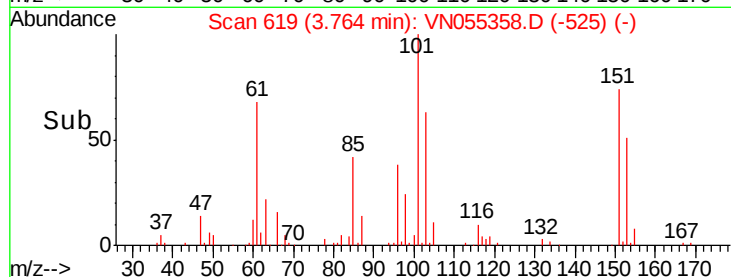
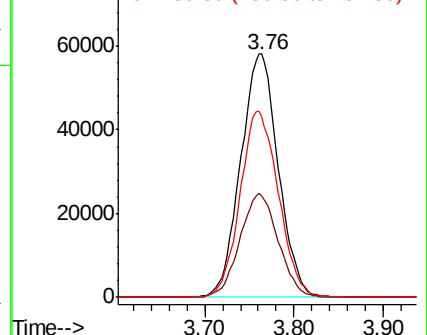
101 100

85 43.3 35.7 53.5

151 78.0 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.610 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

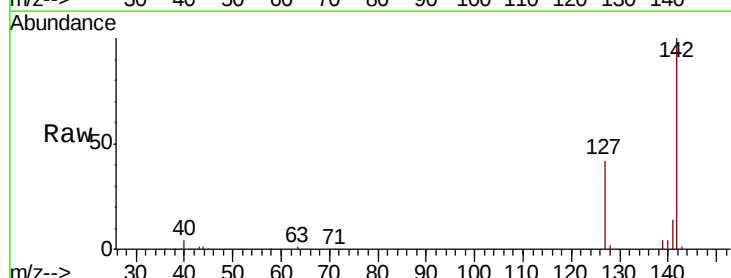
Tgt Ion:142 Resp: 244564

Ion Ratio Lower Upper

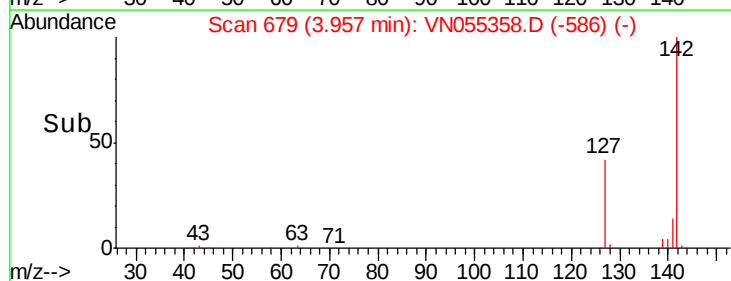
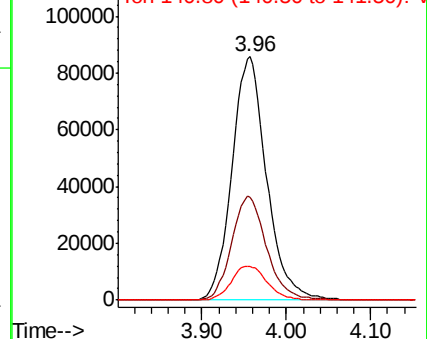
142 100

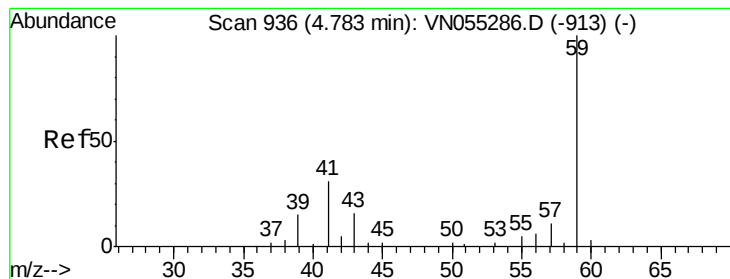
127 43.0 34.4 51.6

141 14.5 11.5 17.3



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: 333.179 ug/l

RT: 4.79 min Scan# 938

Delta R.T. 0.01 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

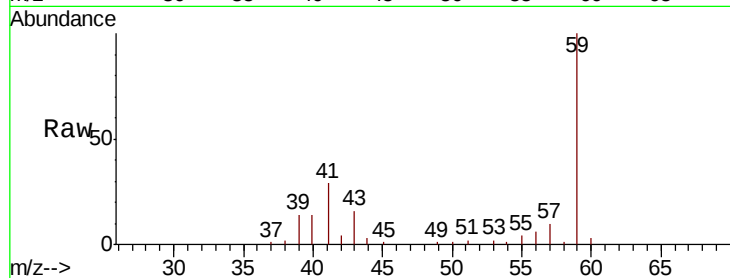
EP1-SB-E2-3(14-17)MS

Tot Ion: 59 Resp: 91820

Ion Ratio Lower Upper

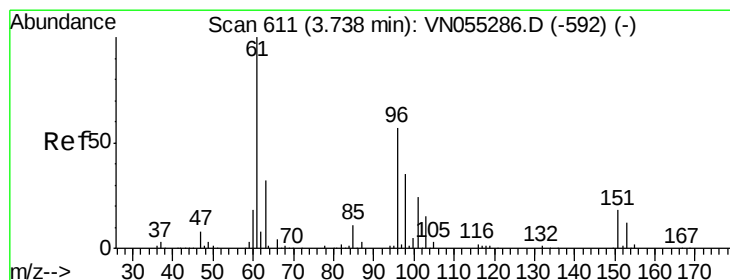
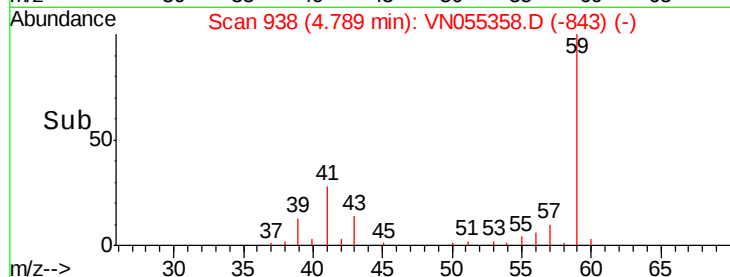
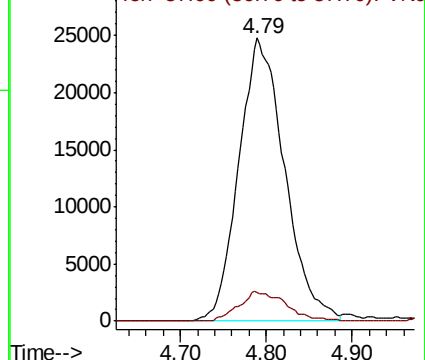
59 100

57 10.7 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 46.256 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

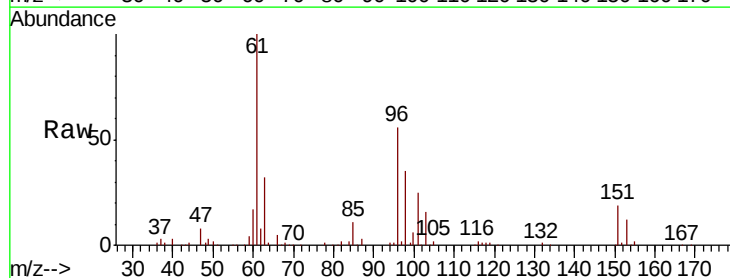
Tgt Ion: 96 Resp: 168124

Ion Ratio Lower Upper

96 100

61 178.1 140.9 211.3

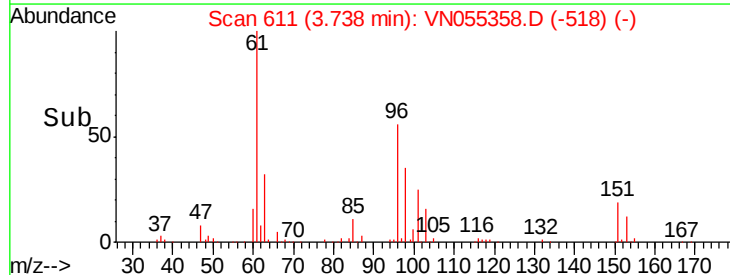
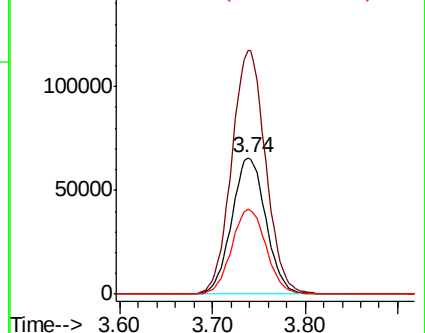
98 61.8 50.0 75.0

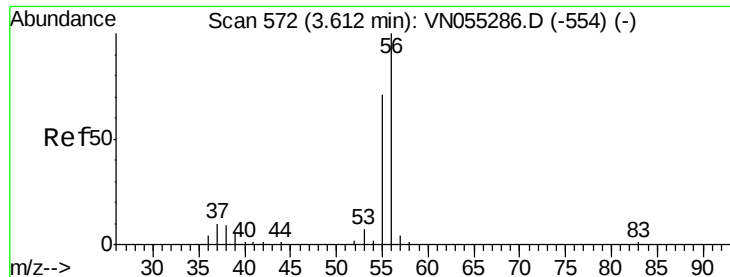


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 221.741 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

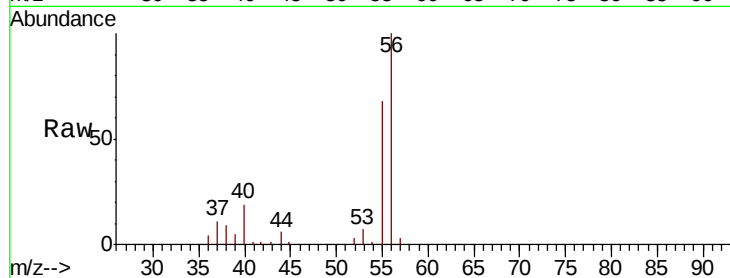
EP1-SB-E2-3(14-17)MS

Tot Ion: 56 Resp: 47724

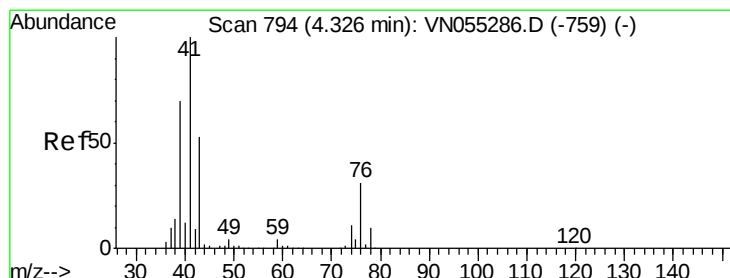
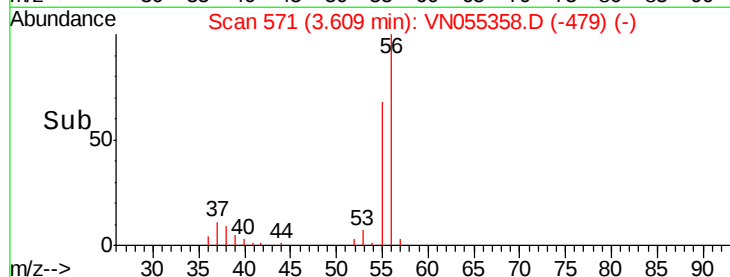
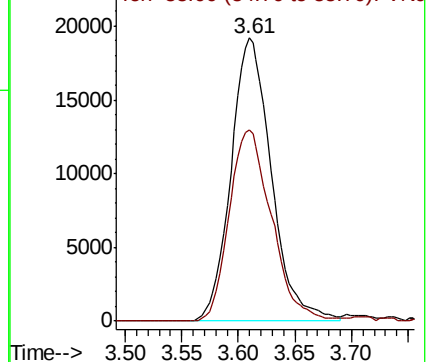
Ion Ratio Lower Upper

56 100

55 70.4 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 48.294 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

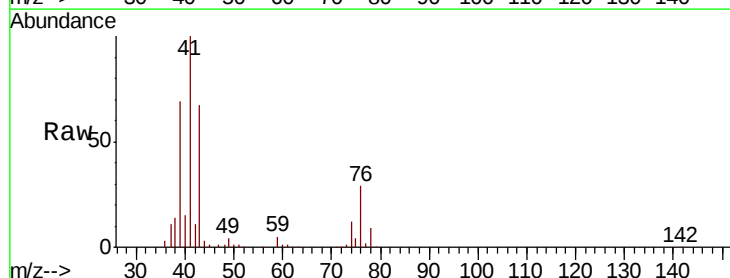
Tgt Ion: 41 Resp: 363548

Ion Ratio Lower Upper

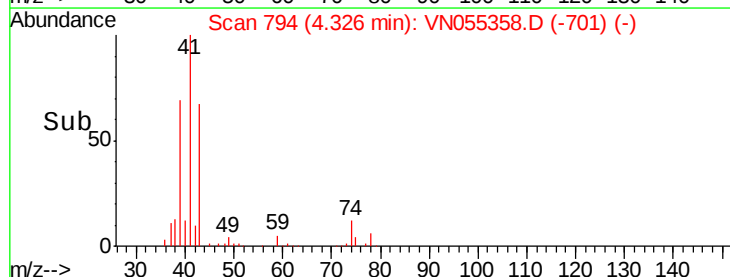
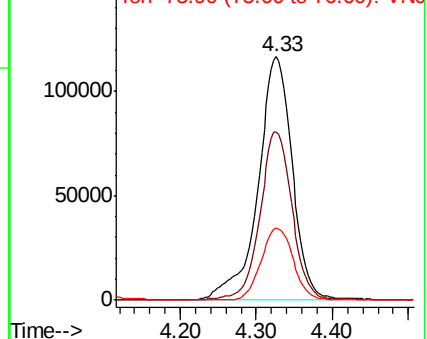
41 100

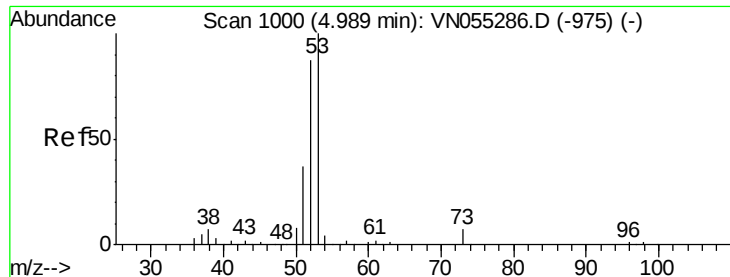
39 65.1 53.0 79.6

76 27.6 22.7 34.1



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 286.388 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

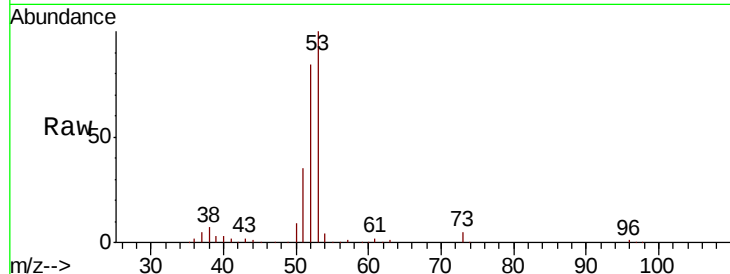
Tot Ion: 53 Resp: 443629

Ion Ratio Lower Upper

53 100

52 83.5 66.5 99.7

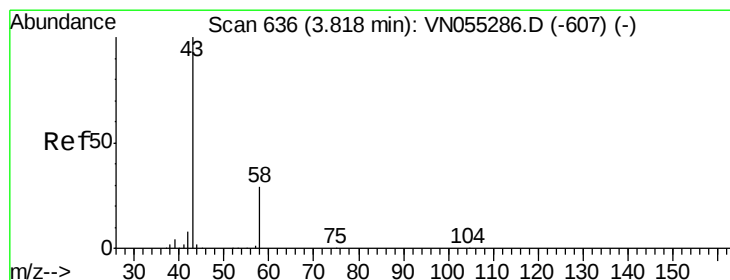
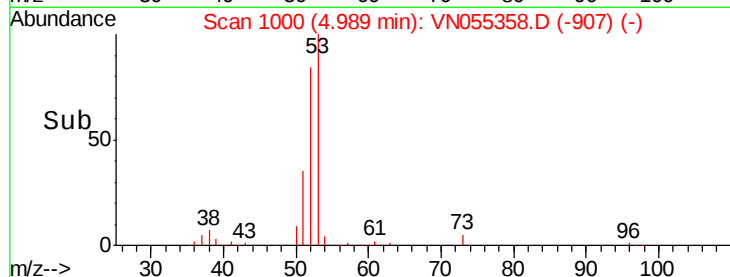
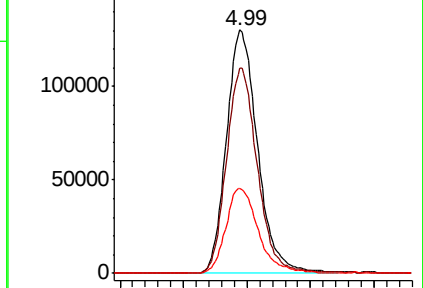
51 36.5 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 246.855 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055358.D

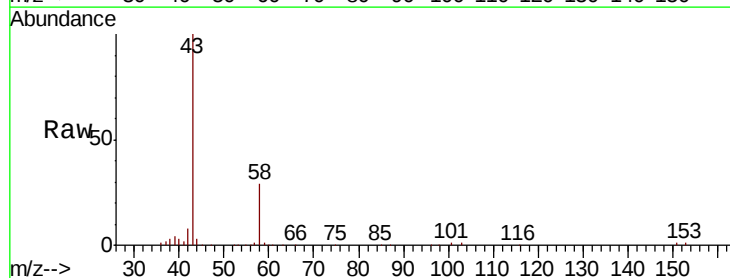
Acq: 2 May 2019 18:50

Tgt Ion: 43 Resp: 370241

Ion Ratio Lower Upper

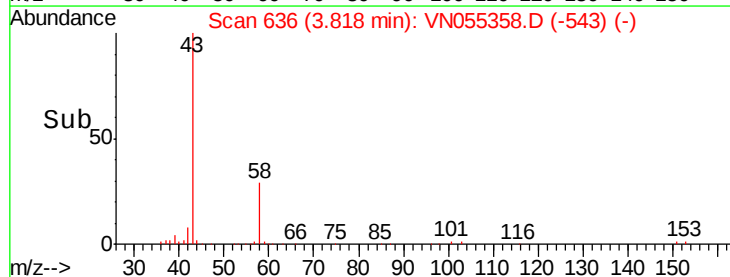
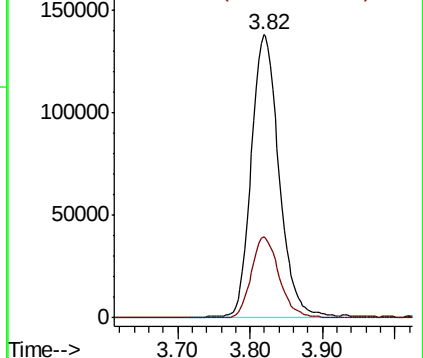
43 100

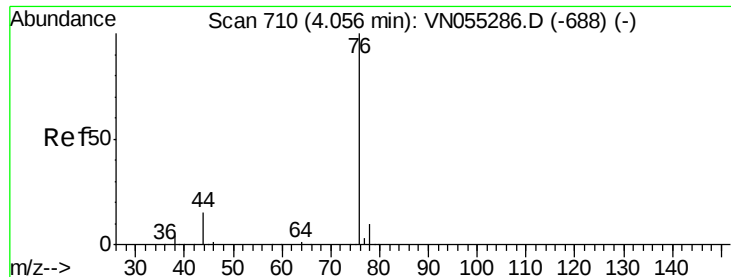
58 28.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

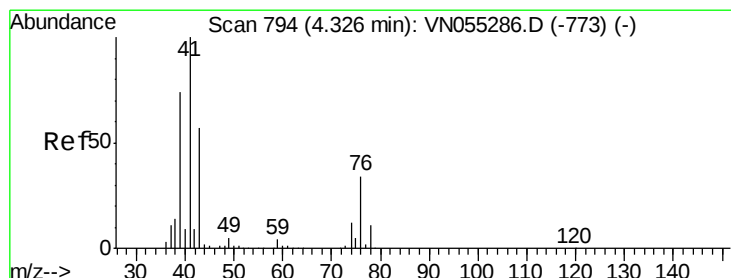
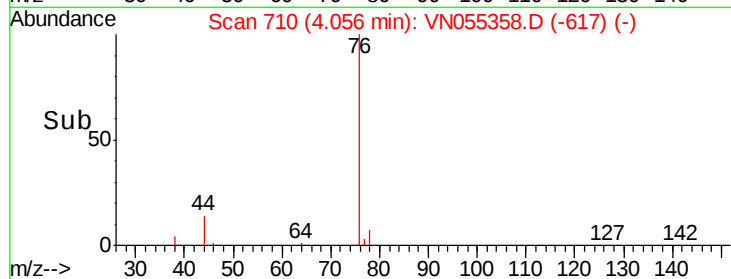
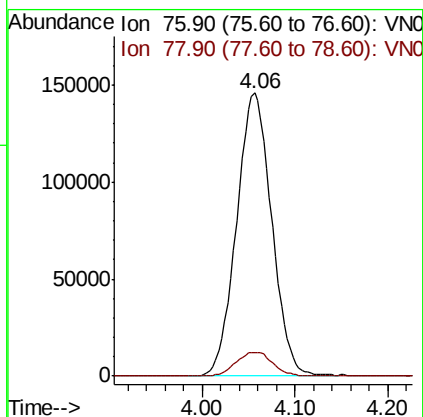
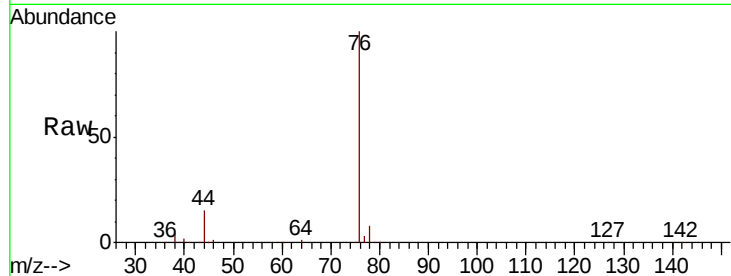




#17
Carbon Disulfide
Concen: 40.412 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

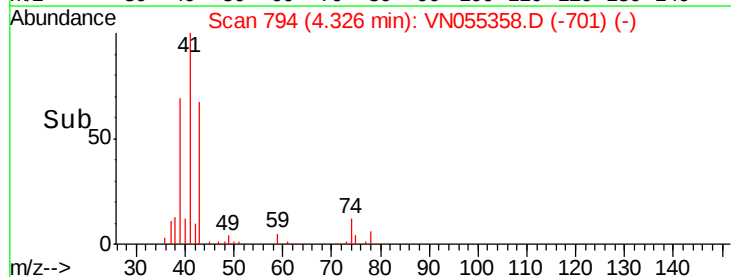
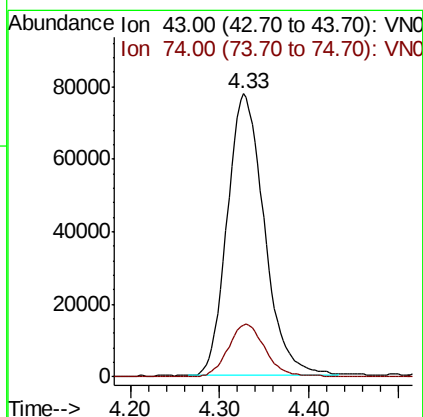
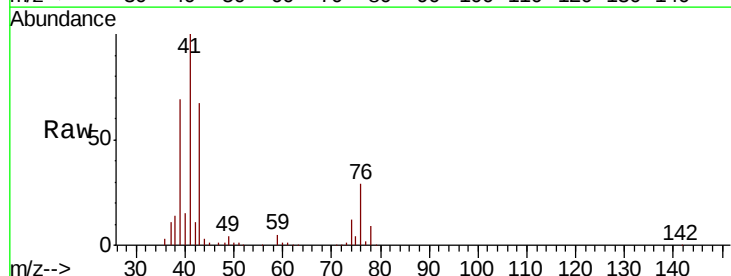
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

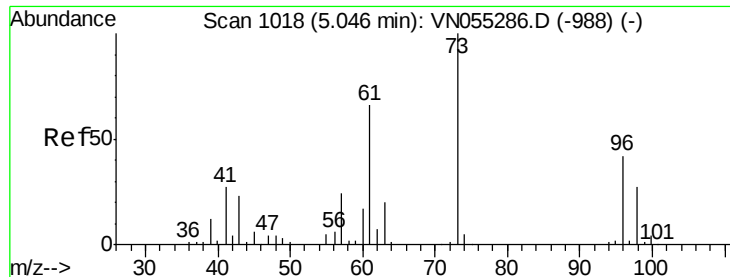
Tot Ion: 76 Resp: 383327
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4



#18
Methyl Acetate
Concen: 61.623 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 43 Resp: 224269
Ion Ratio Lower Upper
43 100
74 18.7 15.8 23.8

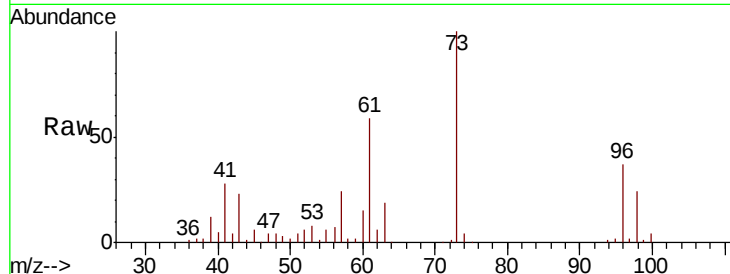




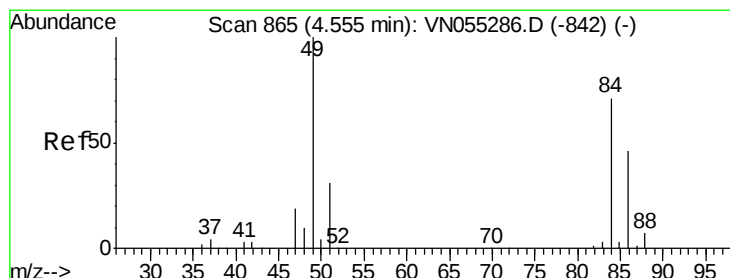
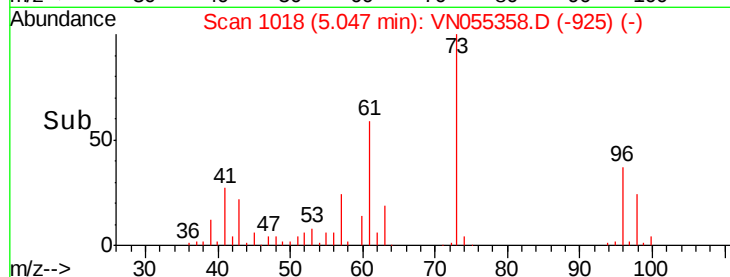
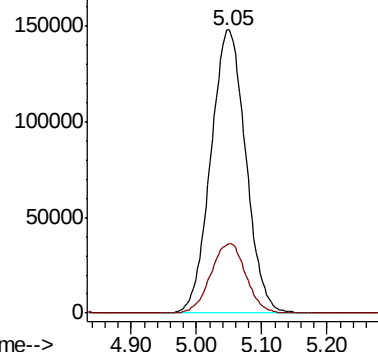
#19
Methyl tert-butyl Ether
Concen: 53.937 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tot Ion: 73 Resp: 551122
Ion Ratio Lower Upper
73 100
57 23.9 19.1 28.7

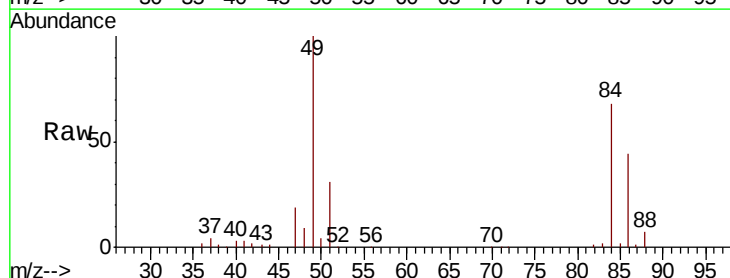


Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

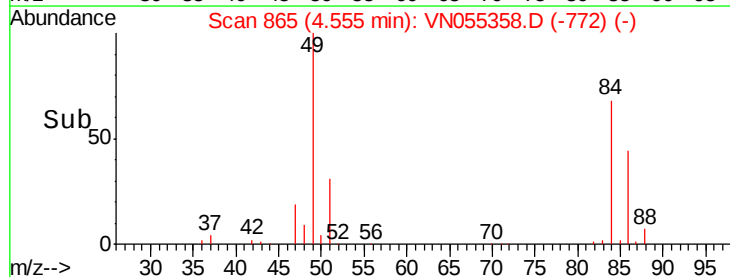
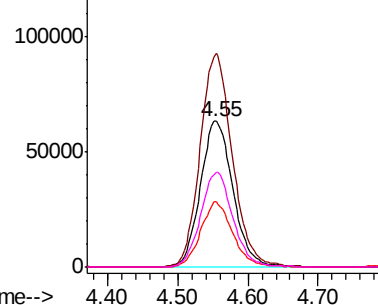


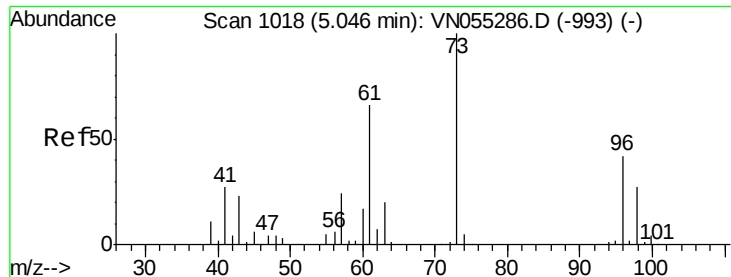
#20
Methylene Chloride
Concen: 44.586 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 84 Resp: 204113
Ion Ratio Lower Upper
84 100
49 146.6 112.4 168.6
51 44.9 34.6 51.8
86 65.0 51.9 77.9



Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 45.530 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

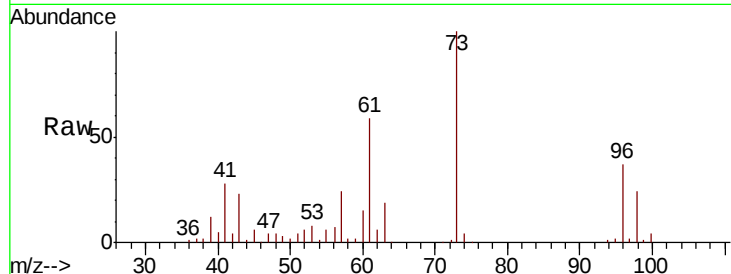
Tot Ion: 96 Resp: 175261

Ion Ratio Lower Upper

96 100

61 158.3 126.2 189.4

98 65.5 52.2 78.2

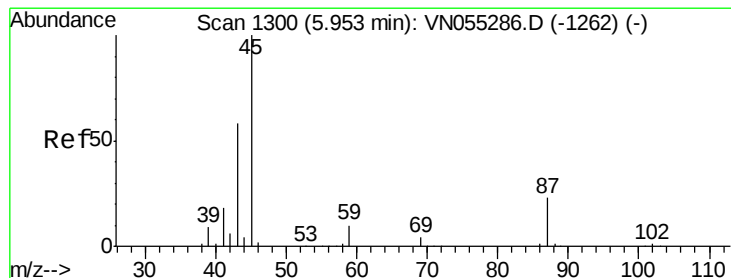
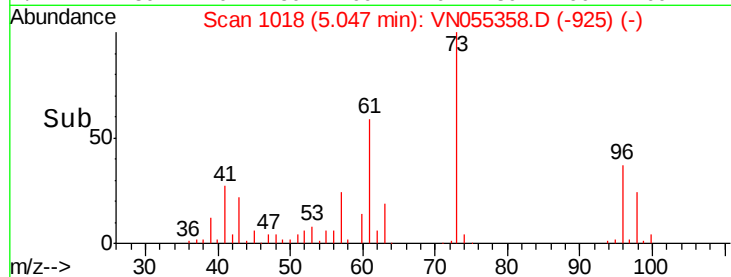
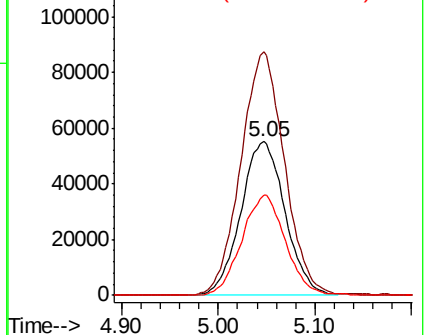


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 51.327 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Tgt Ion: 45 Resp: 767694

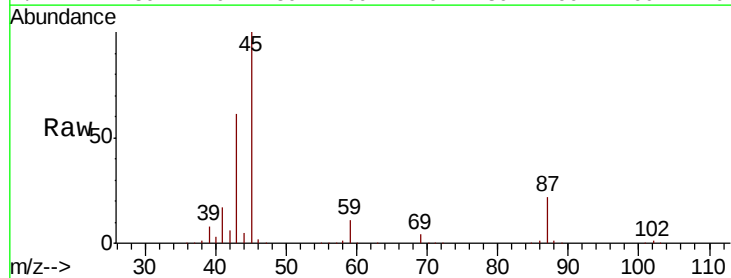
Ion Ratio Lower Upper

45 100

43 60.0 46.6 70.0

87 22.1 18.1 27.1

59 10.3 8.2 12.2



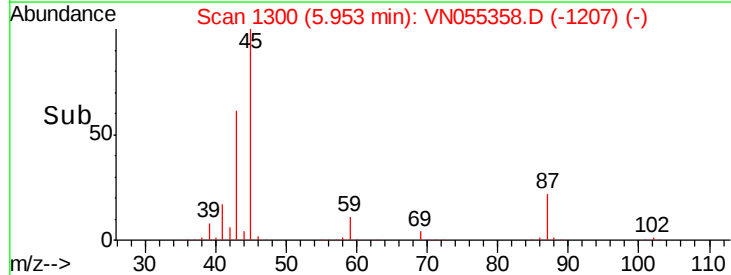
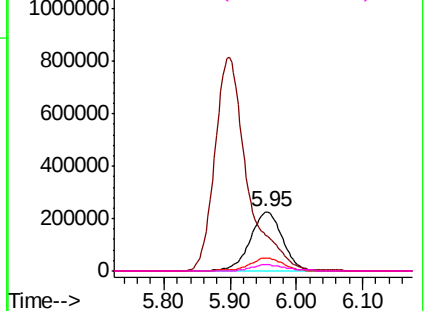
Abundance

Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 281.969 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

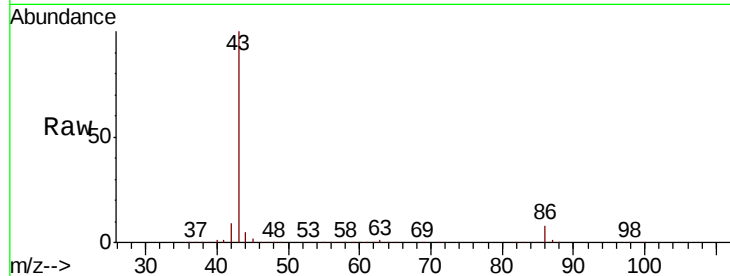
EP1-SB-E2-3(14-17)MS

Tot Ion: 43 Resp: 2764065

Ion Ratio Lower Upper

43 100

86 8.0 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VN055358.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN055358.D (-1189) (-)

5.90

800000

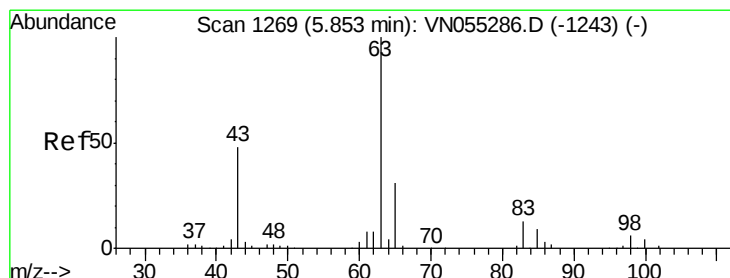
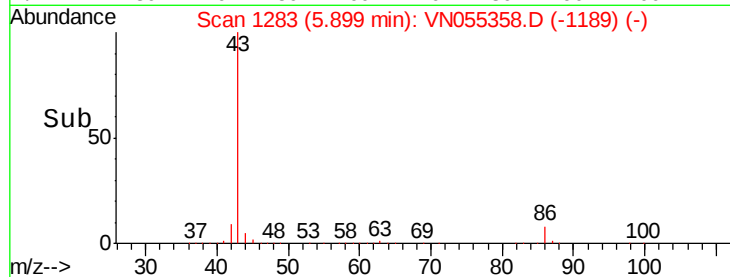
600000

400000

200000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 47.732 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

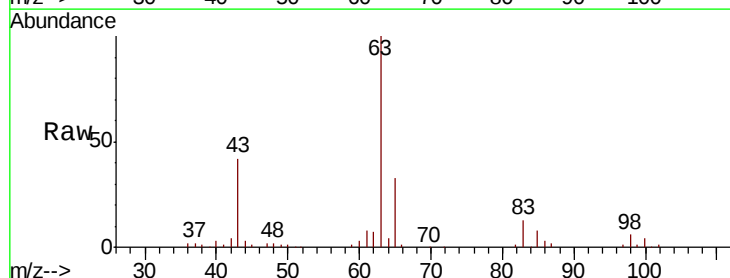
Tgt Ion: 63 Resp: 380383

Ion Ratio Lower Upper

63 100

98 5.6 3.0 9.0

100 3.5 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN055358.D (-1176) (-)

Ion 97.90 (97.60 to 98.60): VN055358.D (-1176) (-)

Ion 99.90 (99.60 to 100.60): VN055358.D (-1176) (-)

5.85

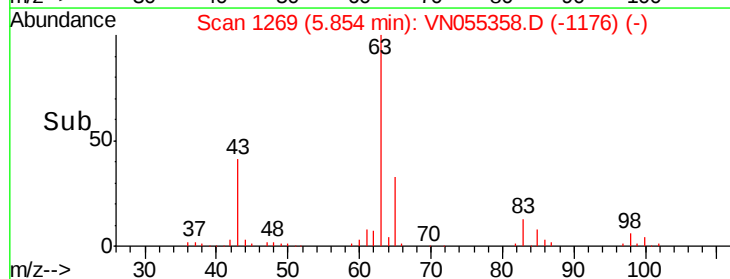
150000

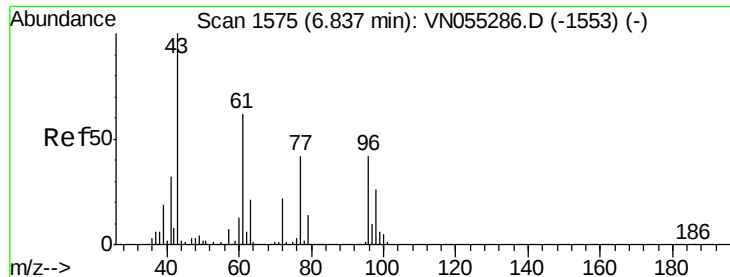
100000

50000

0

Time--> 5.70 5.80 5.90 6.00

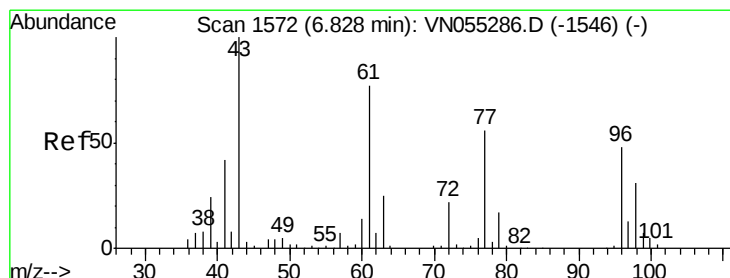
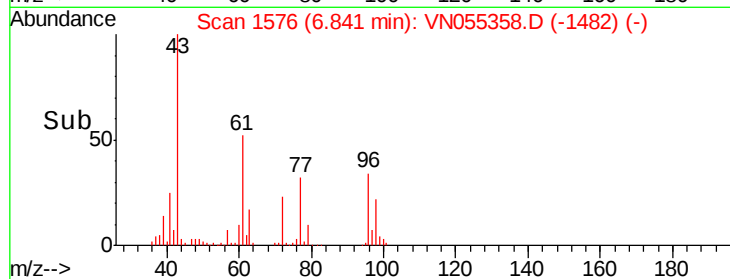
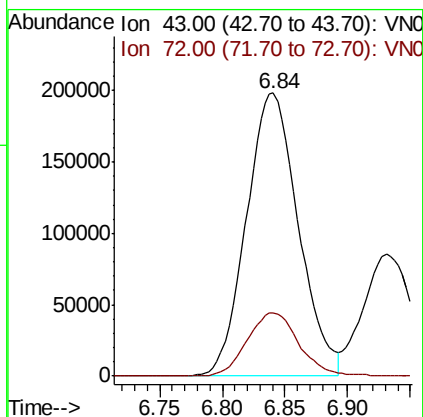
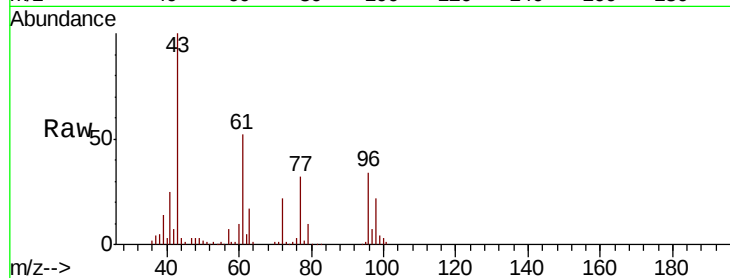




#25
2-Butanone
Concen: 296.564 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

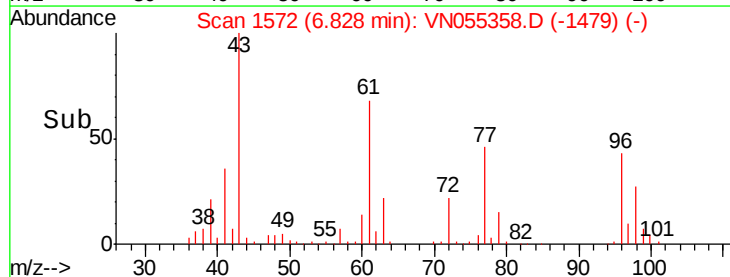
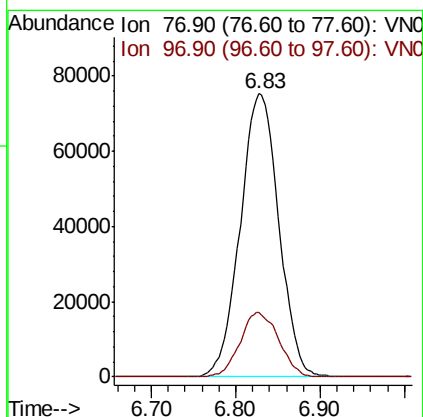
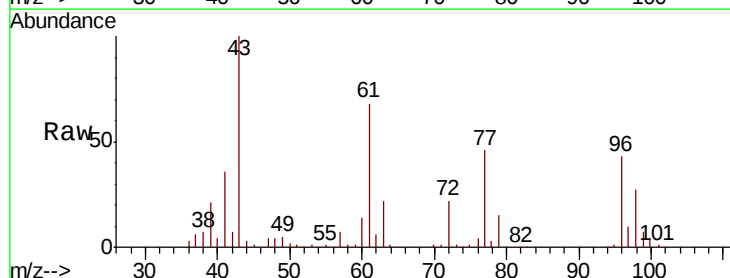
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tot Ion: 43 Resp: 568836
Ion Ratio Lower Upper
43 100
72 22.5 18.0 27.0



#26
2,2-Dichloropropane
Concen: 43.382 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 77 Resp: 238732
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 48.651 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

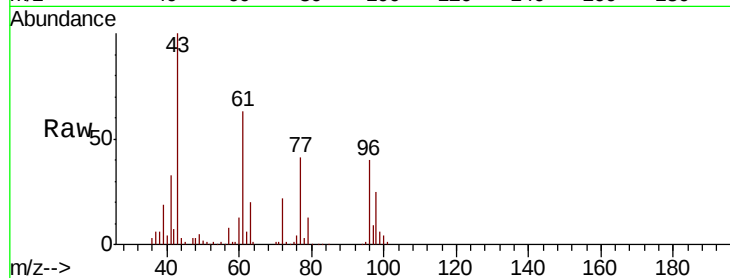
Tot Ion: 96 Resp: 212970

Ion Ratio Lower Upper

96 100

61 157.9 0.0 316.2

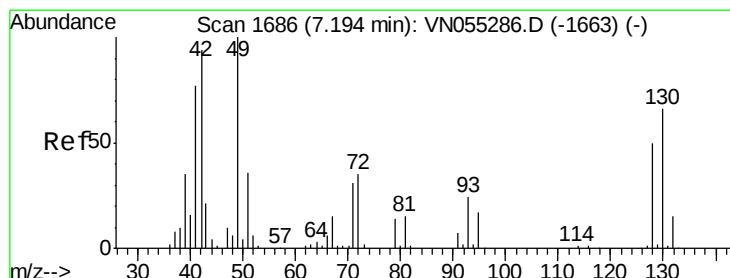
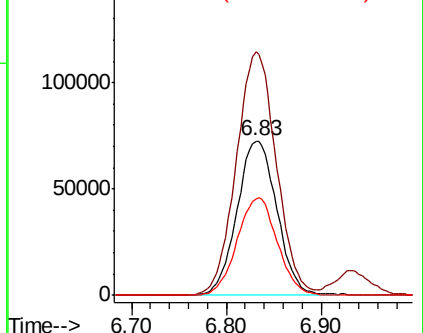
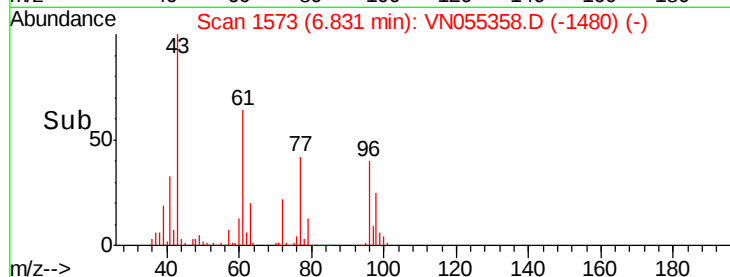
98 63.5 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 48.907 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

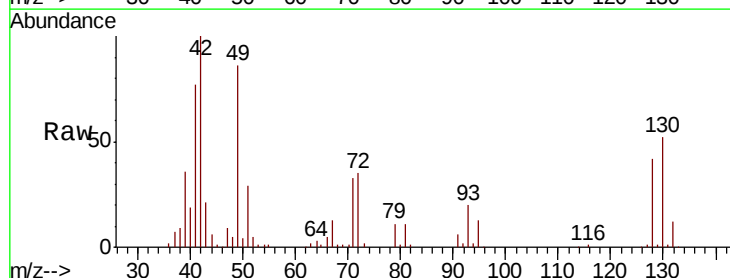
Tgt Ion: 49 Resp: 196458

Ion Ratio Lower Upper

49 100

129 0.8 0.0 2.4

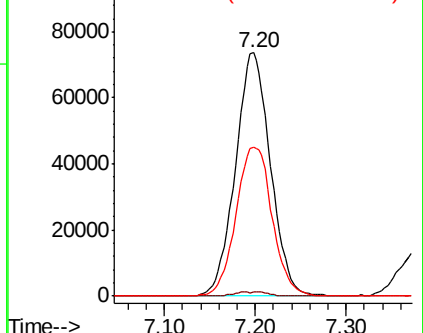
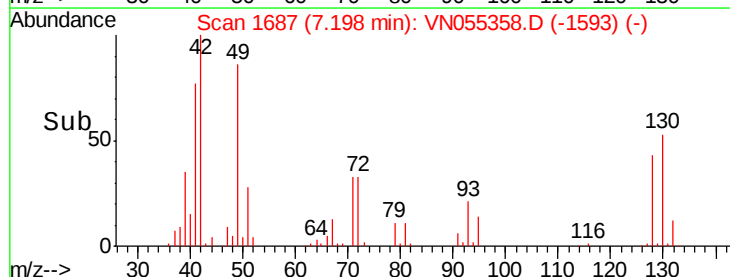
130 63.3 52.0 78.0

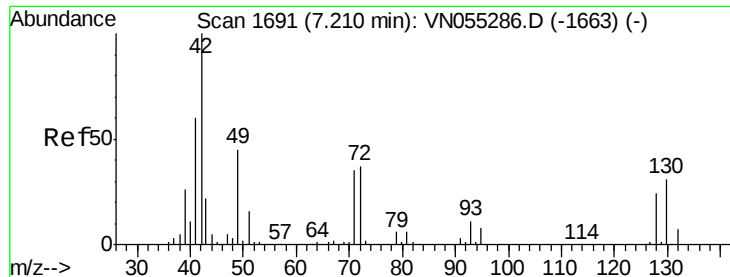


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

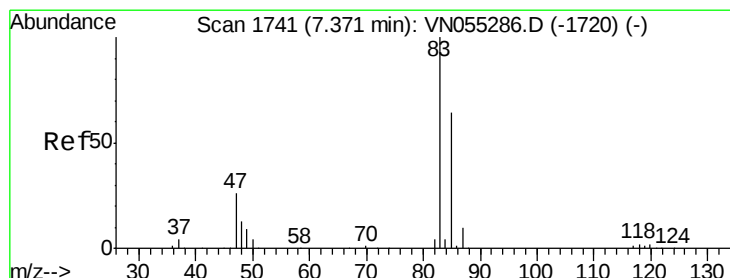
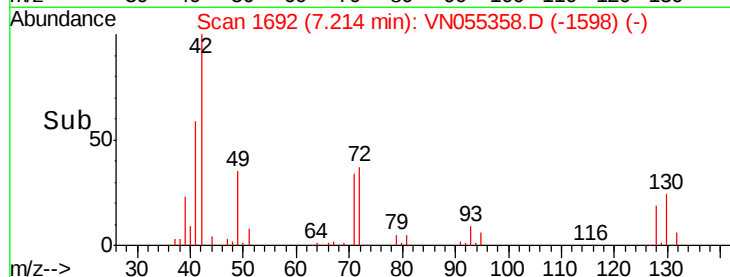
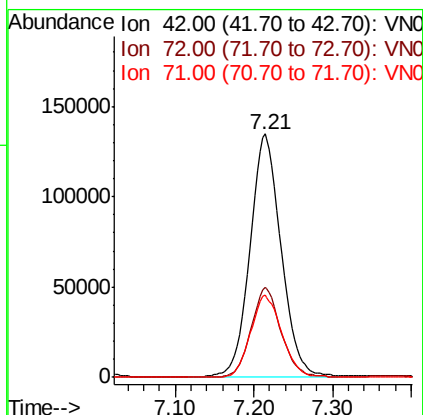
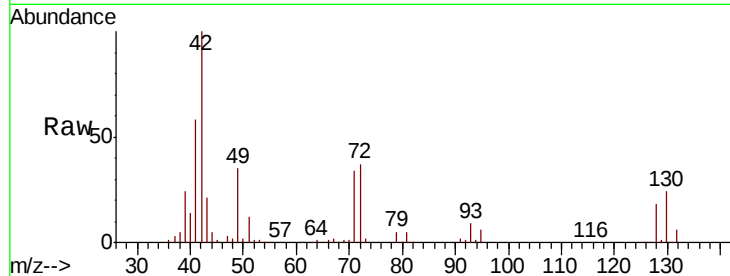




#29
Tetrahydrofuran
Concen: 306.944 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

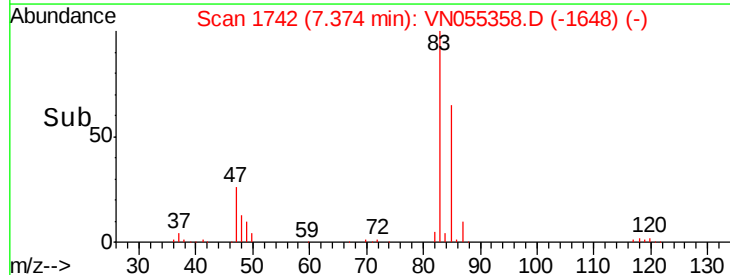
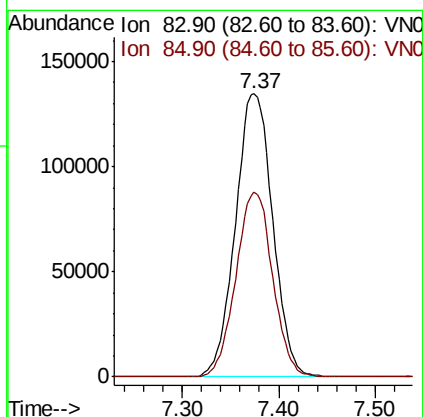
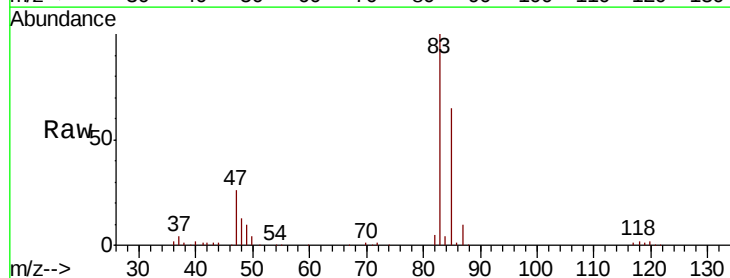
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

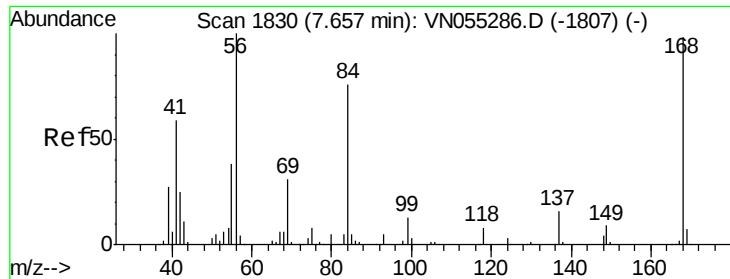
Tot Ion: 42 Resp: 376991
Ion Ratio Lower Upper
42 100
72 36.0 29.0 43.6
71 33.8 27.1 40.7



#30
Chloroform
Concen: 47.843 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 83 Resp: 361424
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.2

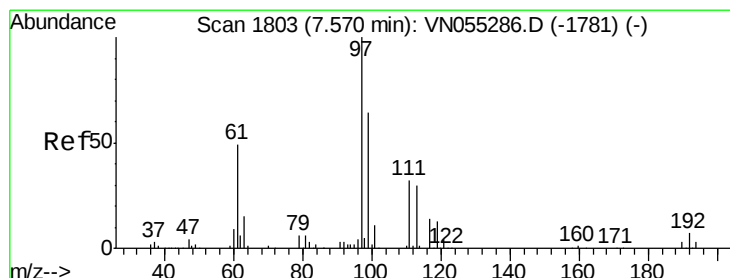
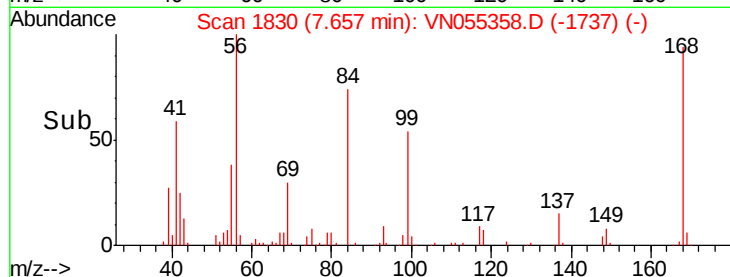
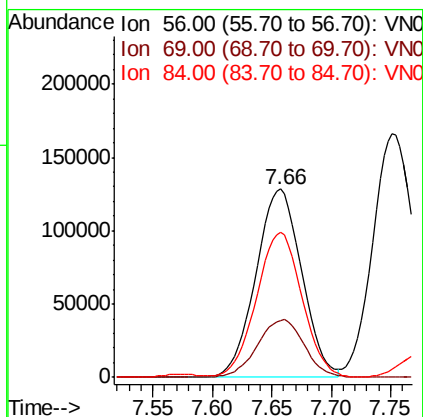
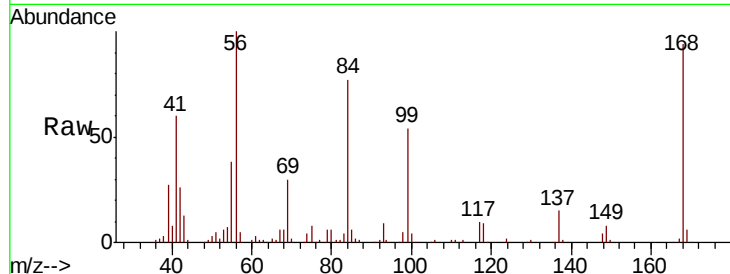




#31
Cyclohexane
Concen: 45.293 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

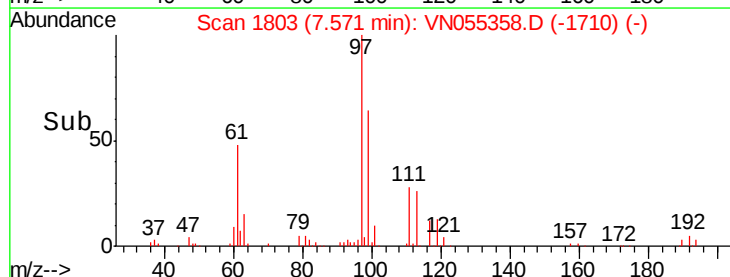
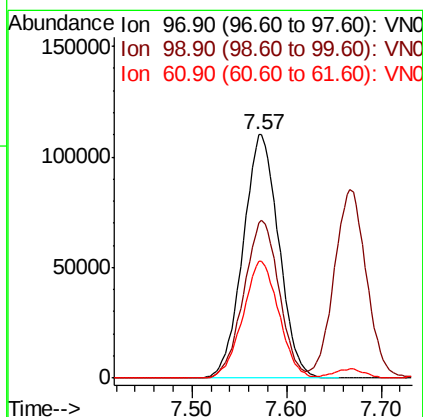
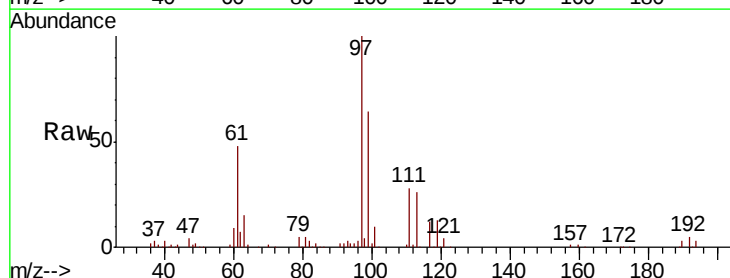
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tot Ion: 56 Resp: 342937
Ion Ratio Lower Upper
56 100
69 30.3 25.2 37.8
84 76.0 61.1 91.7



#32
1,1,1-Trichloroethane
Concen: 47.111 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 97 Resp: 288842
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 48.3 39.0 58.6

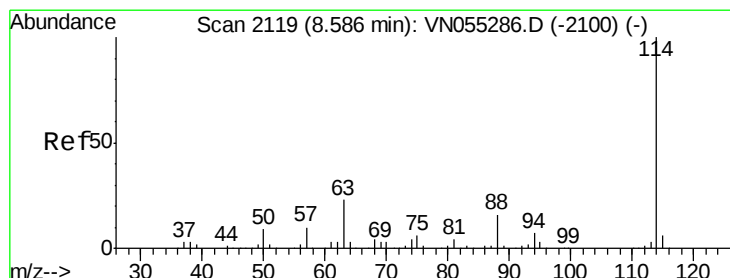
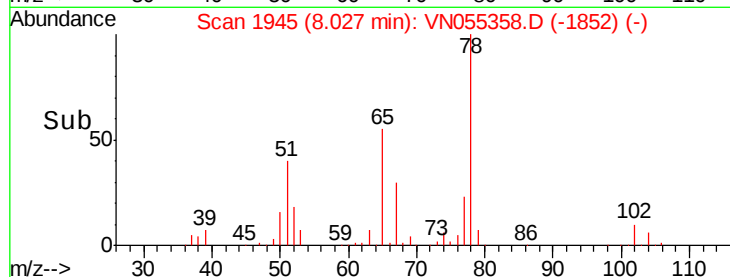
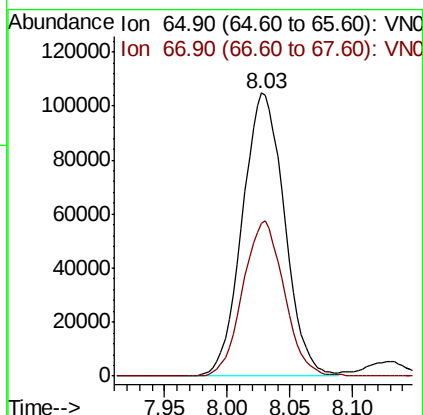
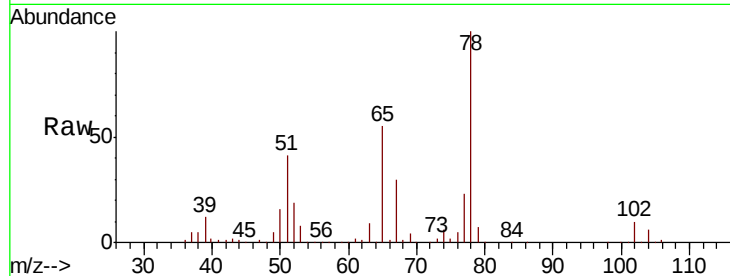




#33
 1,2-Dichloroethane-d4
 Concen: 50.951 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

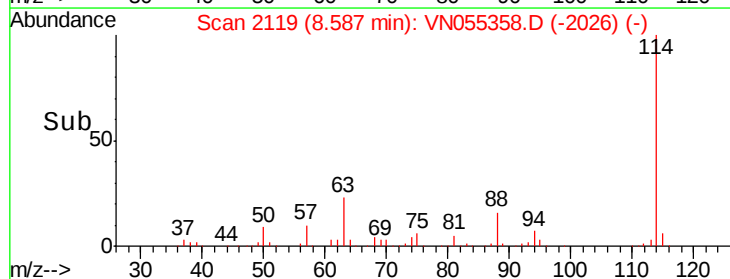
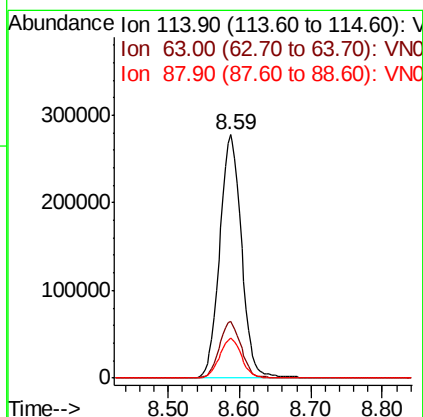
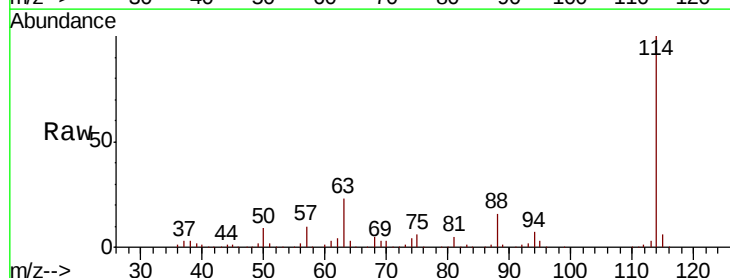
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

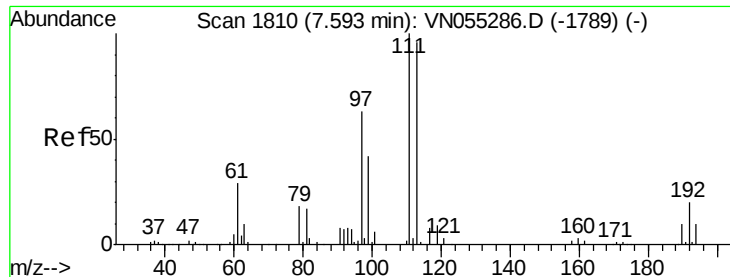
Tot Ion: 65 Resp: 245254
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Tgt Ion: 114 Resp: 589368
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.2
 88 16.3 0.0 31.6

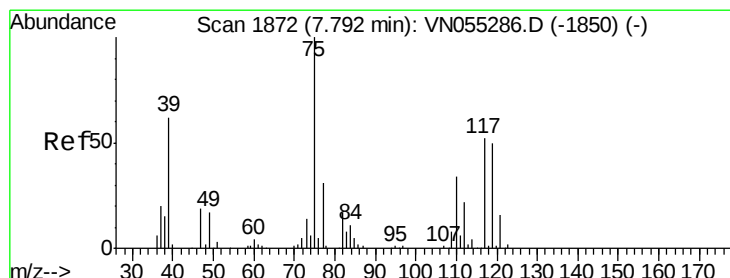
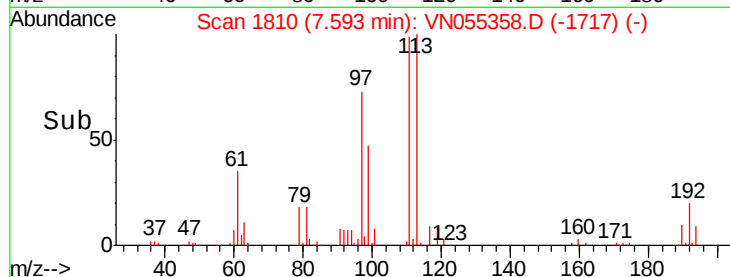
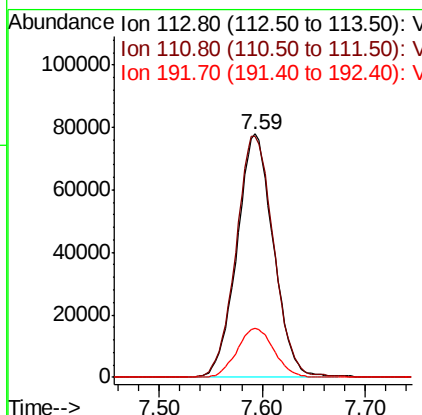
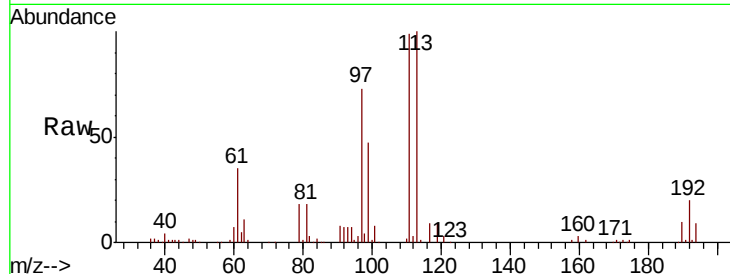




#35
 Dibromofluoromethane
 Concen: 49.454 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

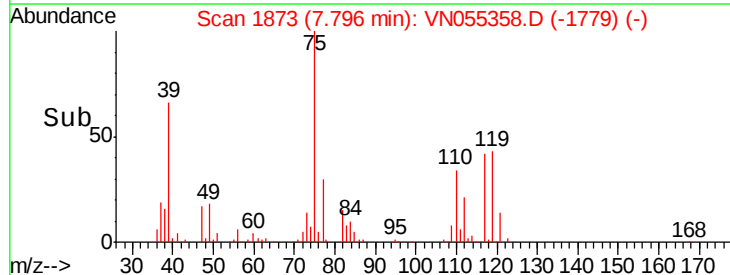
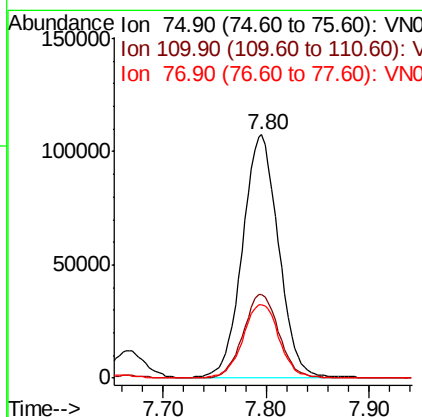
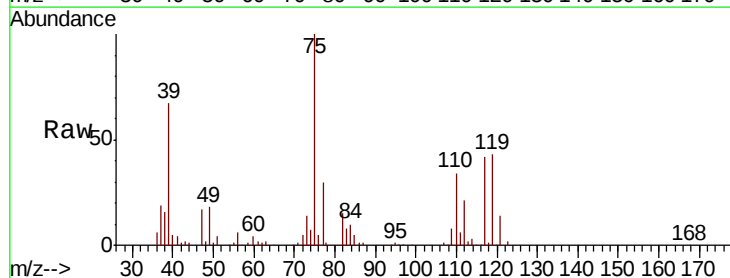
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

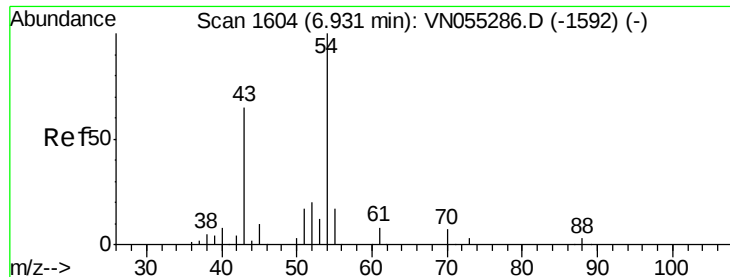
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.3	123.5
192	20.4	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 45.896 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.8	50.4
77	31.1	25.0	37.6

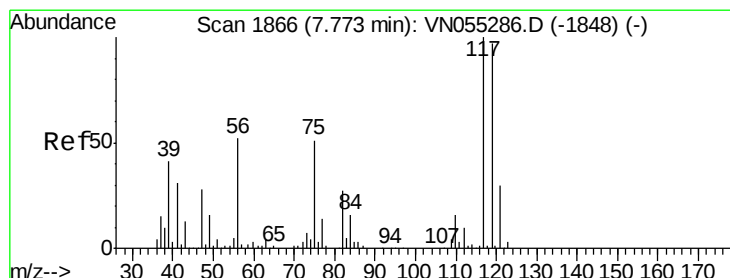
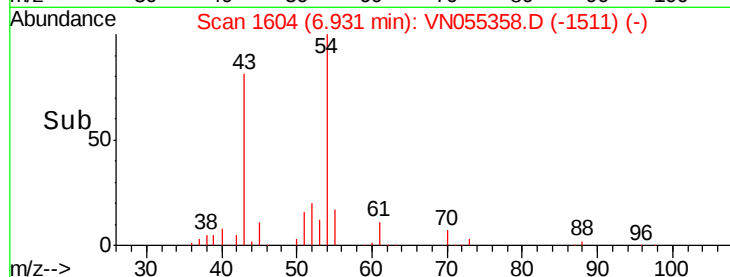
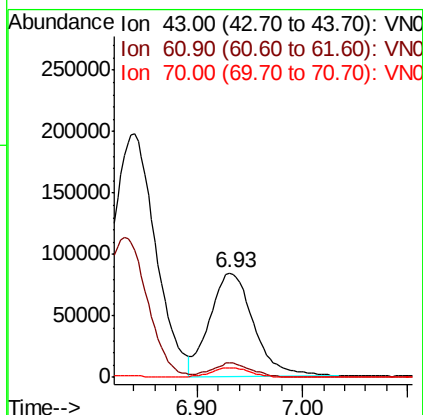
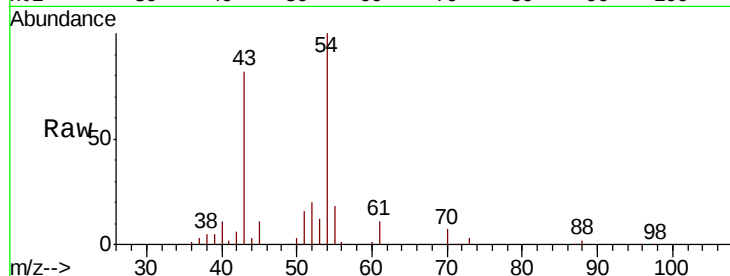




#37
Ethyl Acetate
Concen: 56.226 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

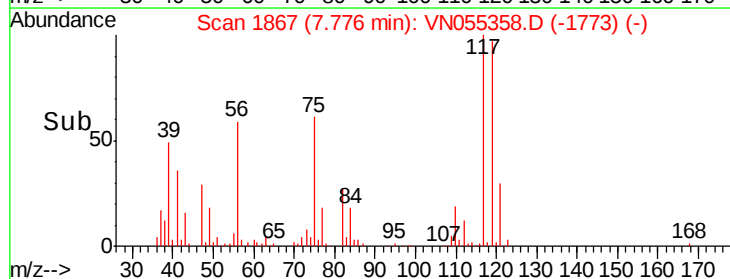
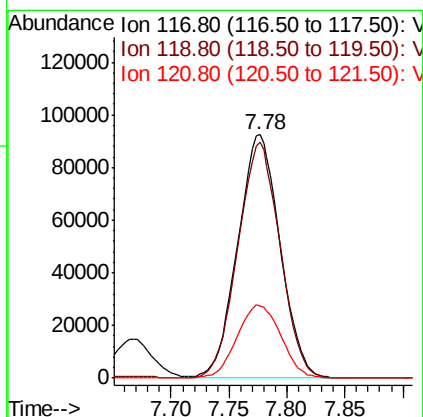
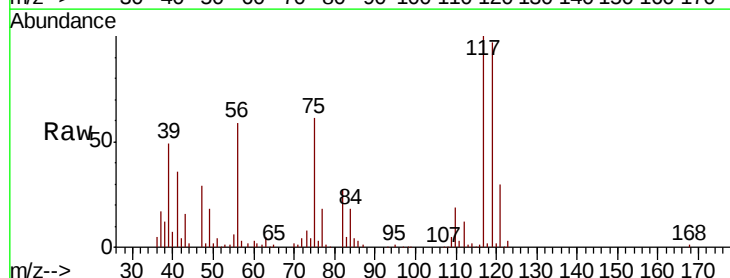
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

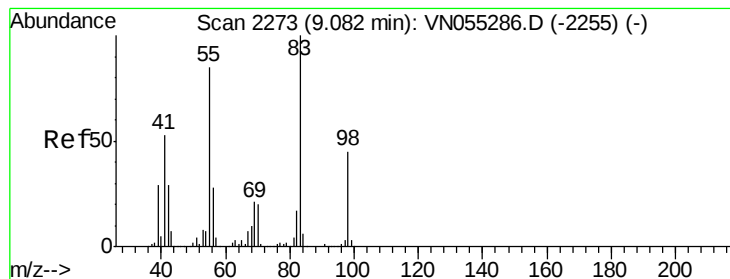
Tot Ion: 43 Resp: 243269
Ion Ratio Lower Upper
43 100
61 12.1 10.4 15.6
70 8.7 6.6 10.0



#38
Carbon Tetrachloride
Concen: 42.929 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 117 Resp: 233775
Ion Ratio Lower Upper
117 100
119 97.1 77.0 115.6
121 29.9 23.8 35.8

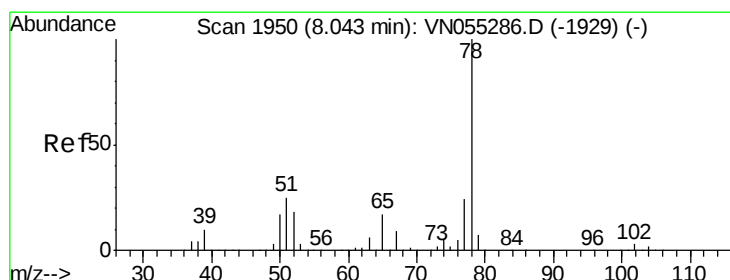
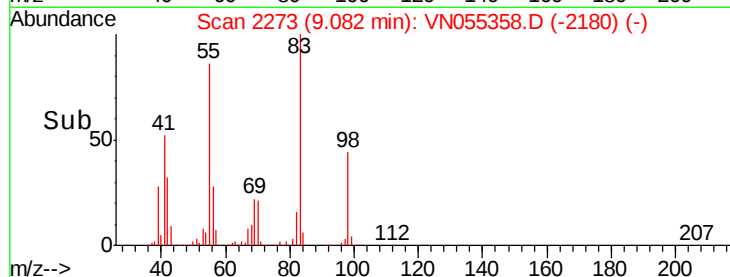
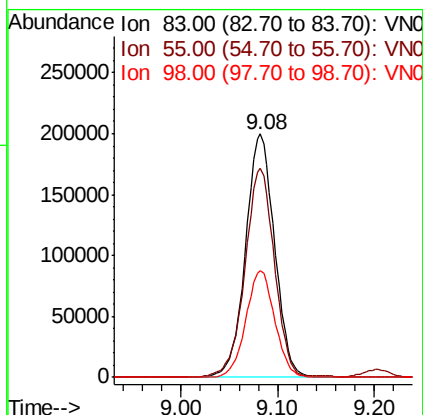
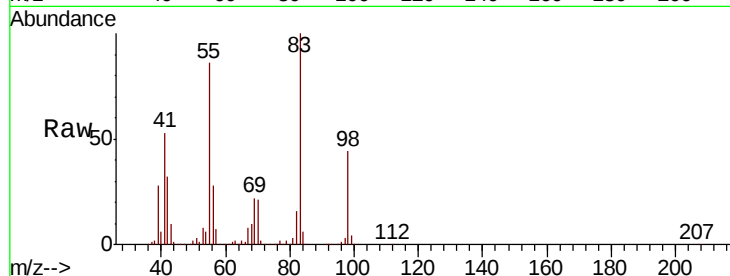




#39
Methvlcvclohexane
Concen: 69.191 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

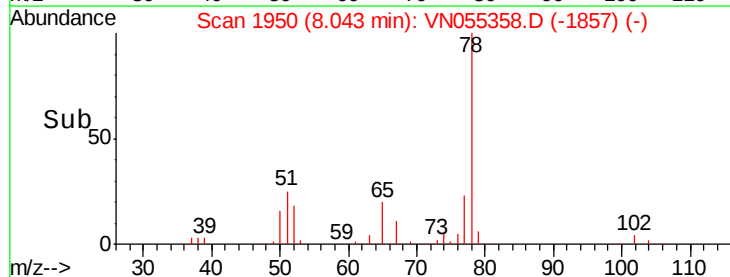
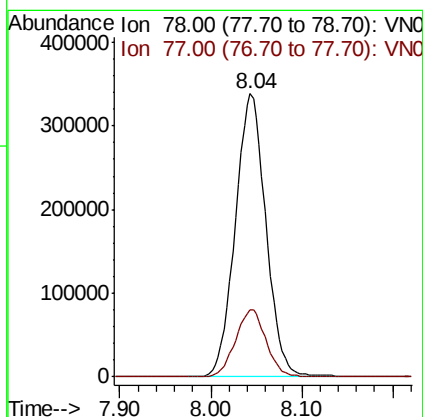
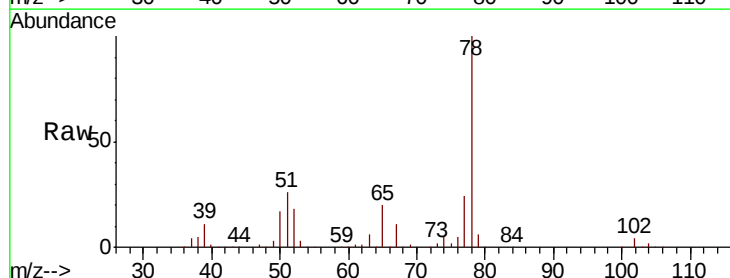
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

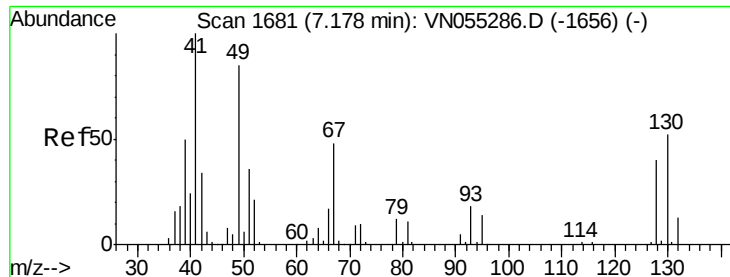
Tot Ion: 83 Resp: 415290
Ion Ratio Lower Upper
83 100
55 85.8 67.8 101.6
98 43.8 36.2 54.4



#40
Benzene
Concen: 47.603 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 78 Resp: 792195
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

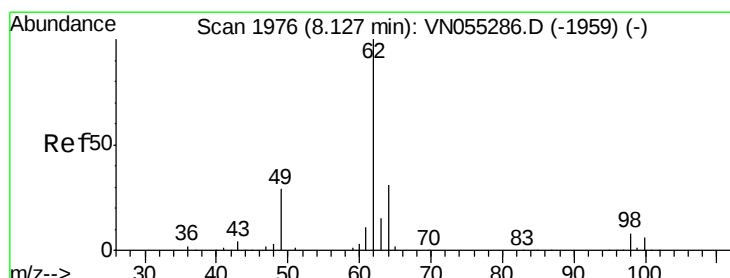
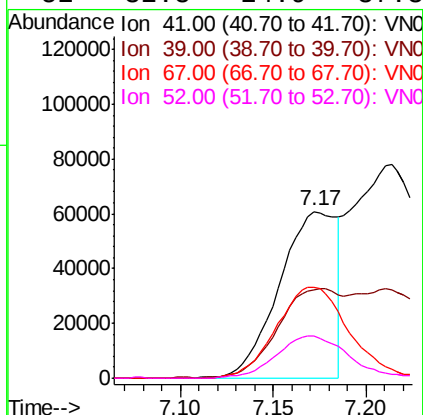
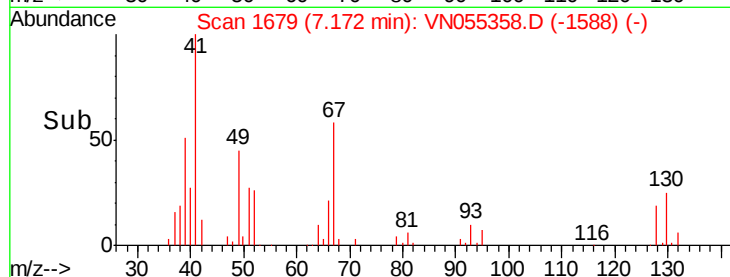
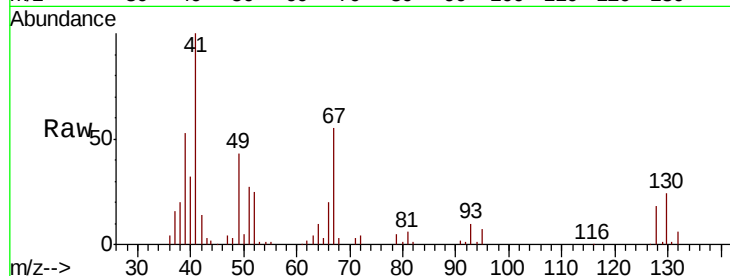




#41
Methacrylonitrile
Concen: 55.687 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

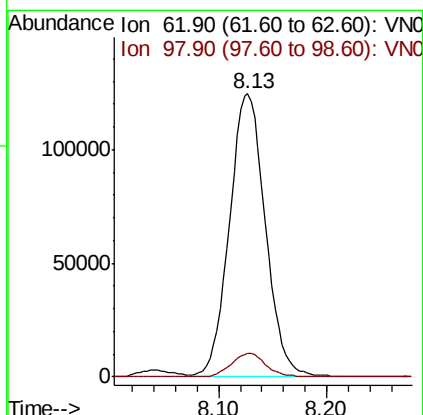
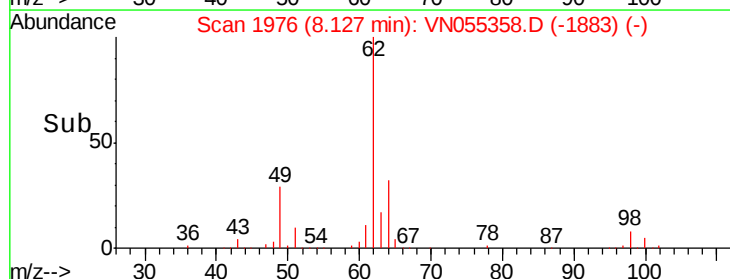
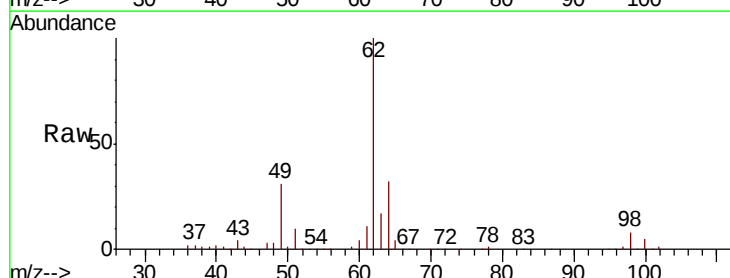
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

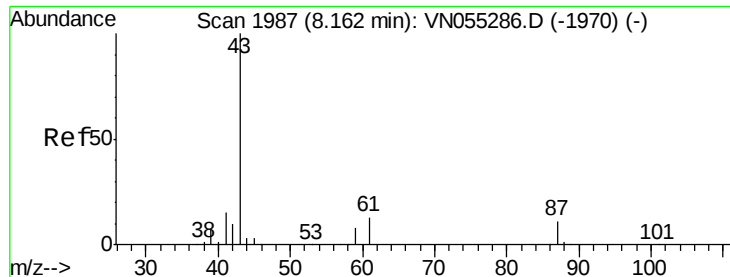
Tot Ion:	41	Resp:	130597
Ion	Ratio	Lower	Upper
41	100		
39	58.9	48.5	72.7
67	70.4	54.9	82.3
52	32.8	24.9	37.3



#42
1,2-Dichloroethane
Concen: 48.798 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion:	62	Resp:	287624
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.4





#43

Isopropyl Acetate

Concen: 61.954 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

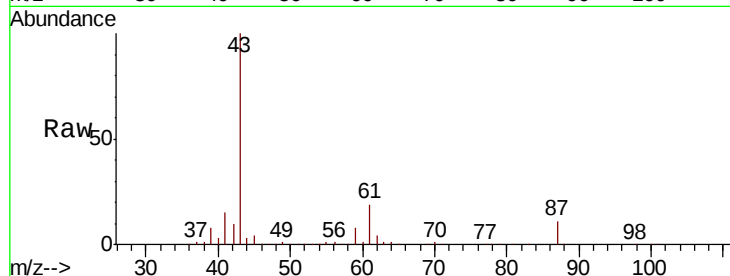
Tot Ion: 43 Resp: 430775

Ion Ratio Lower Upper

43 100

61 24.3 20.8 31.2

87 10.3 8.5 12.7

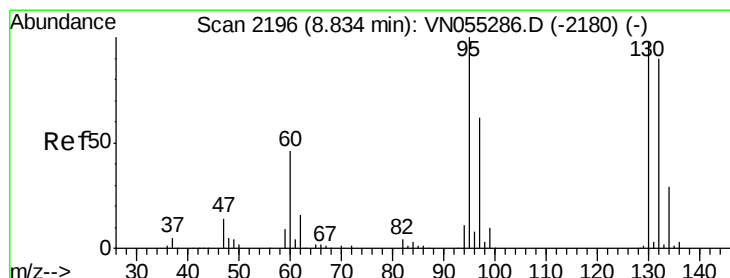
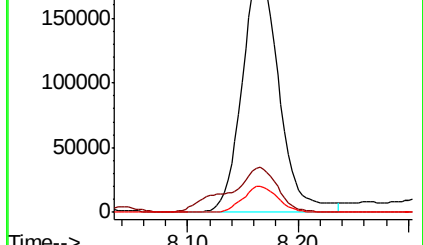
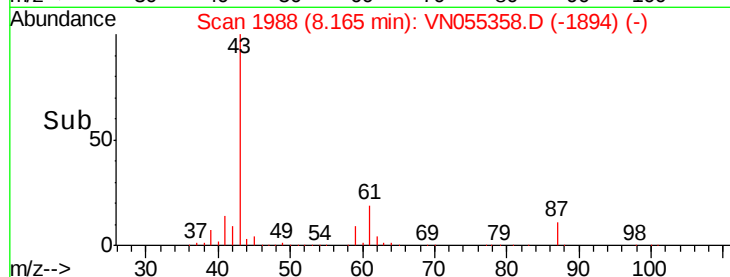


Abundance Ion 43.00 (42.70 to 43.70): VN055358.D (-1988) (-)

Ion 61.00 (60.70 to 61.70): VN055358.D (-1988) (-)

Ion 87.00 (86.70 to 87.70): VN055358.D (-1988) (-)

Time-->



#44

Trichloroethene

Concen: 46.565 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055358.D

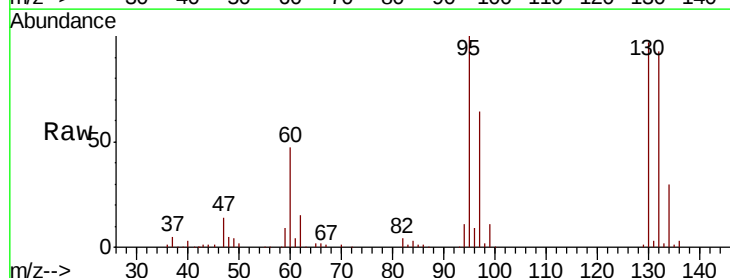
Acq: 2 May 2019 18:50

Tgt Ion:130 Resp: 197549

Ion Ratio Lower Upper

130 100

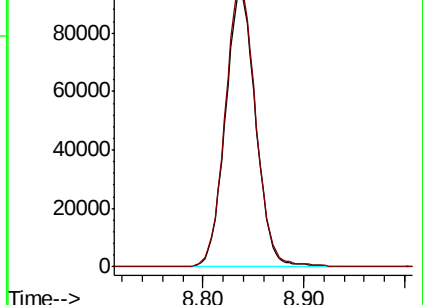
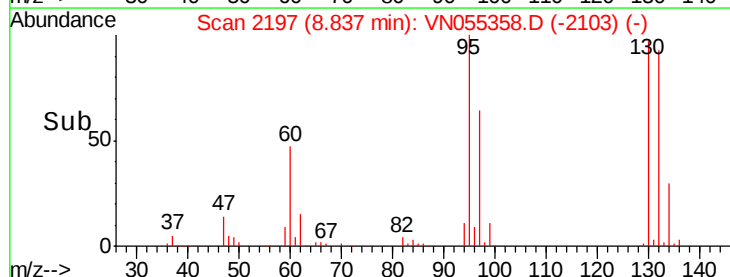
95 103.1 0.0 203.4

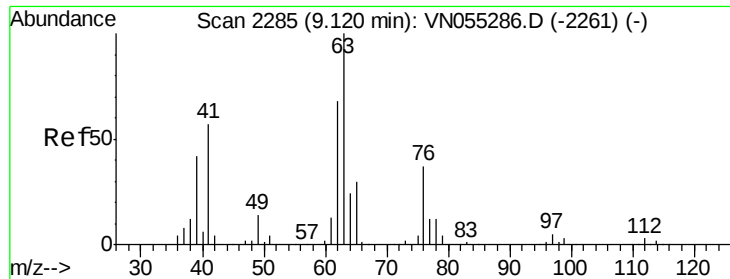


Abundance Ion 129.80 (129.50 to 130.50): VN055358.D (-2197) (-)

Ion 94.90 (94.60 to 95.60): VN055358.D (-2197) (-)

Time-->

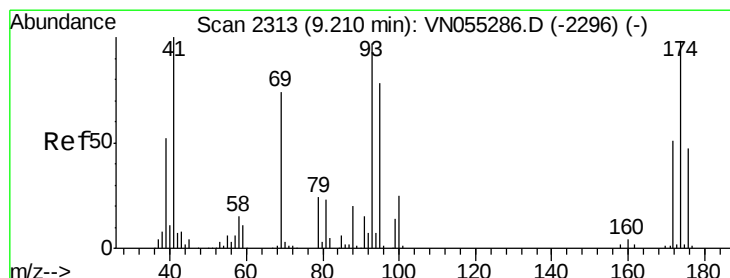
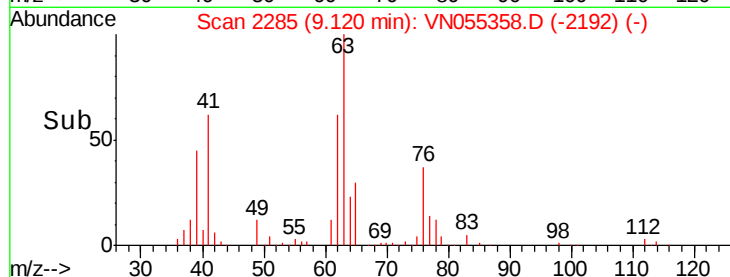
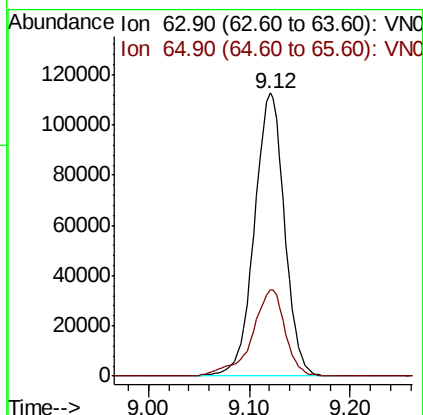
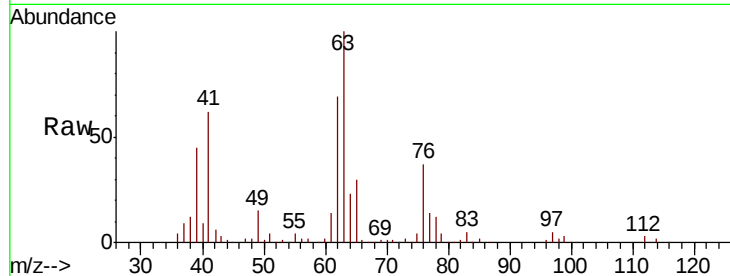




#45
 1,2-Dichloropropane
 Concen: 48.497 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

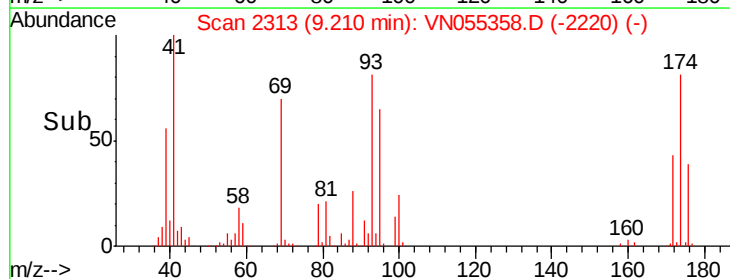
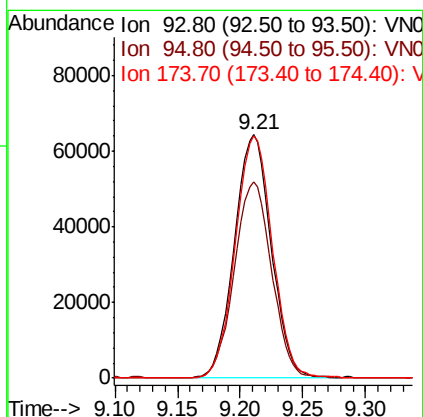
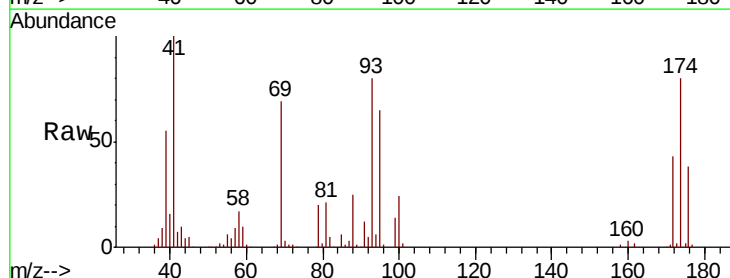
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

Tot Ion: 63 Resp: 232774
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.9 35.9



#46
 Dibromomethane
 Concen: 50.329 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Tgt Ion: 93 Resp: 132043
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.7 98.5
 174 99.9 81.5 122.3





#47

Bromodichloromethane

Concen: 49.054 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

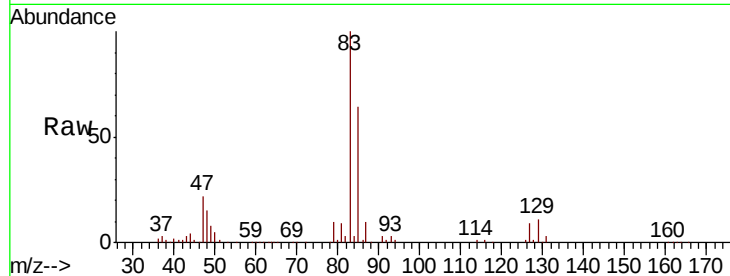
Tot Ion: 83 Resp: 276091

Ion Ratio Lower Upper

83 100

85 64.0 50.1 75.1

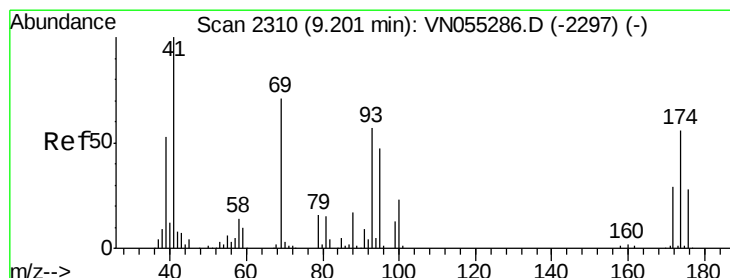
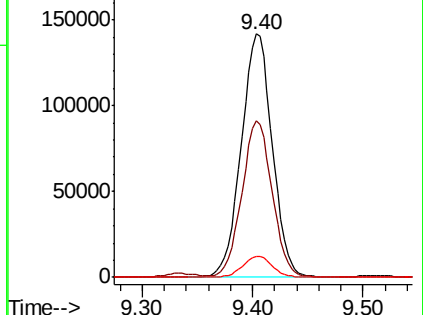
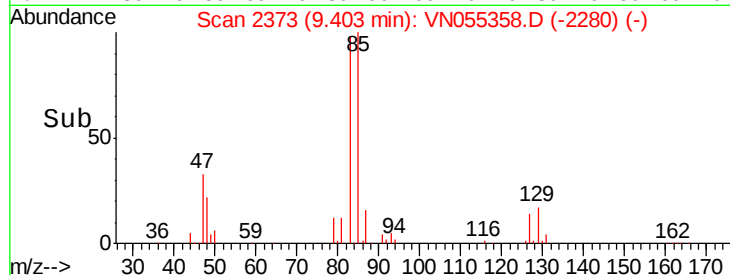
127 8.8 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN055358.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055358.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055358.D (-2280) (-)



#48

Methyl methacrylate

Concen: 58.834 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

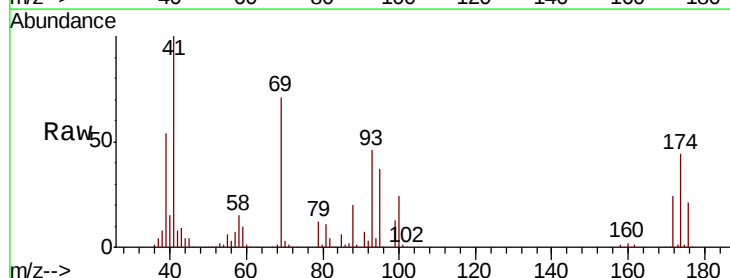
Tgt Ion: 41 Resp: 201103

Ion Ratio Lower Upper

41 100

69 73.4 58.6 87.8

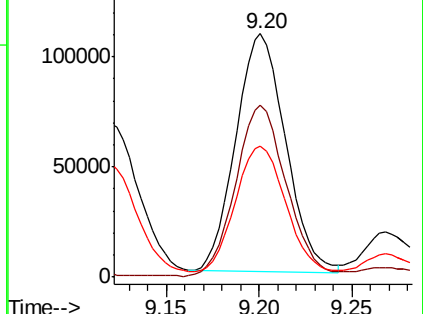
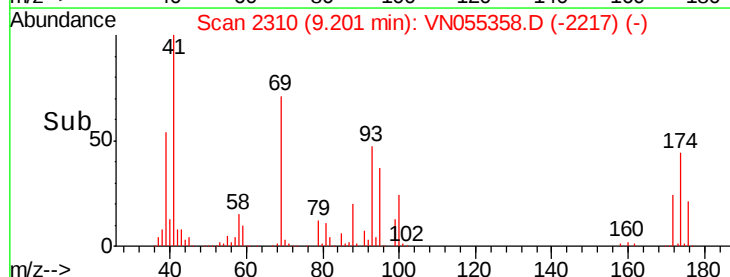
39 53.8 43.8 65.6

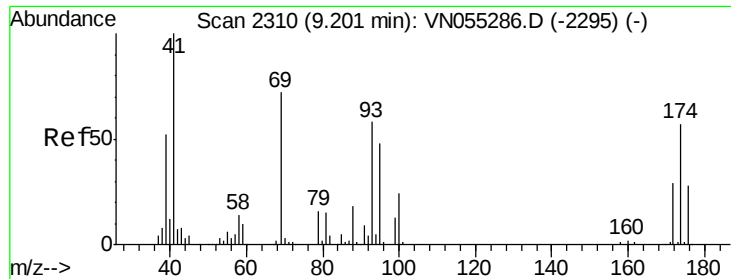


Abundance Ion 41.00 (40.70 to 41.70): VN055358.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055358.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055358.D (-2217) (-)

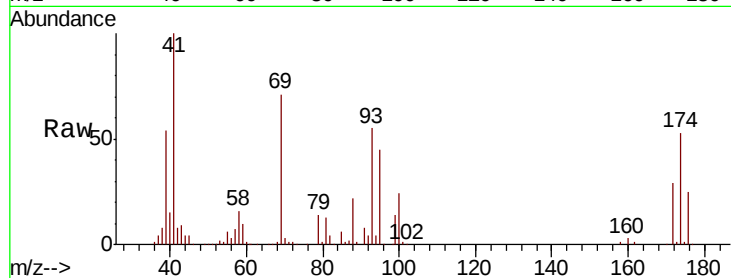




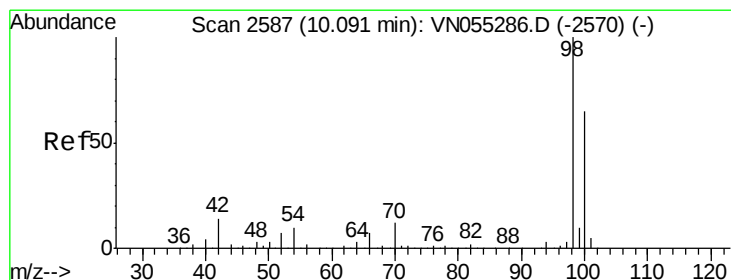
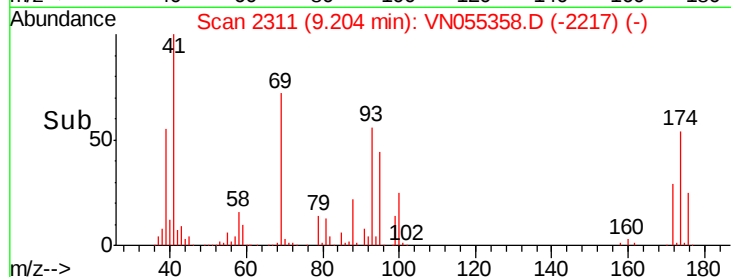
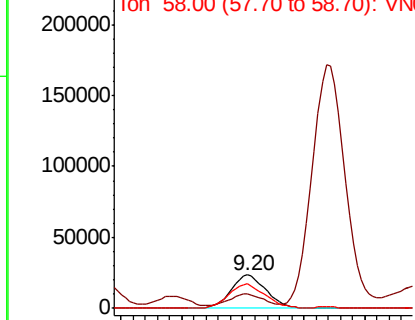
#49
1,4-Dioxane
Concen: 1328.413 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tot Ion: 88 Resp: 46939
Ion Ratio Lower Upper
88 100
43 38.2 33.3 49.9
58 73.2 62.7 94.1

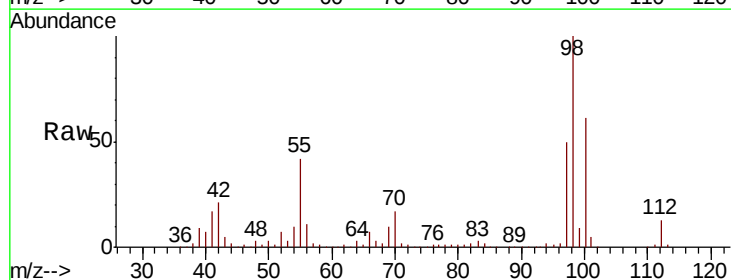


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

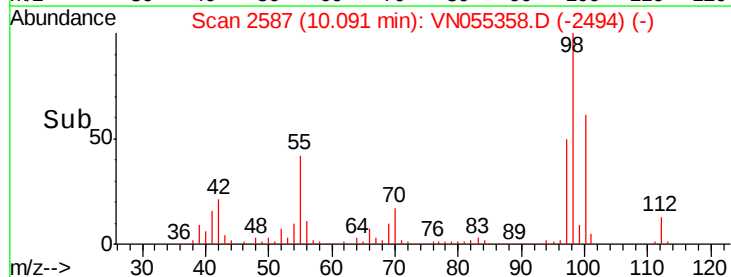
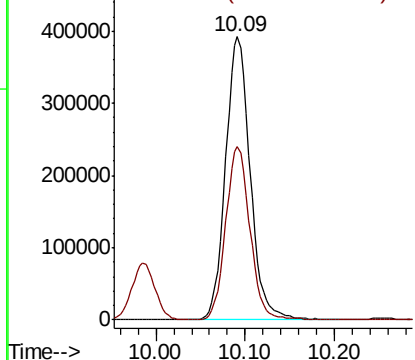


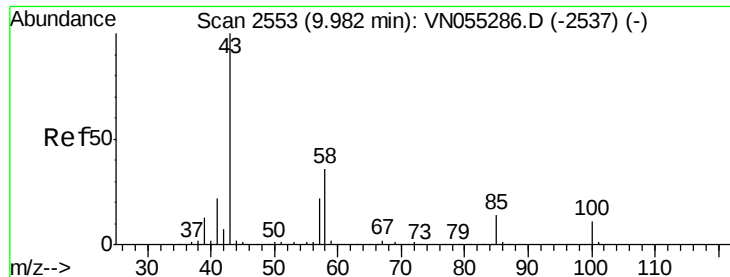
#50
Toluene-d8
Concen: 53.647 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 98 Resp: 749370
Ion Ratio Lower Upper
98 100
100 60.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 315.858 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

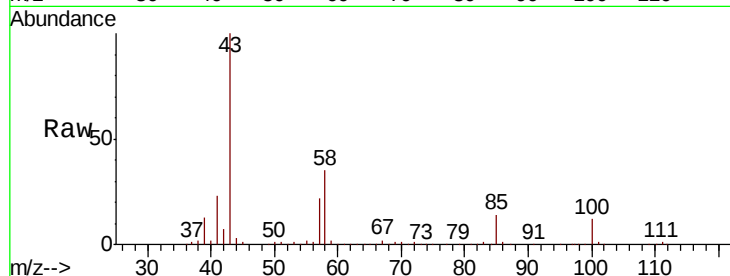
EP1-SB-E2-3(14-17)MS

Tot Ion: 43 Resp: 1236489

Ion Ratio Lower Upper

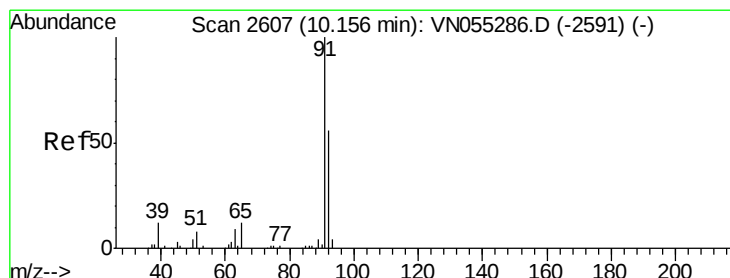
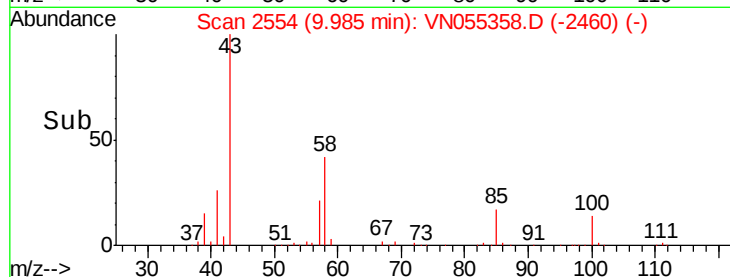
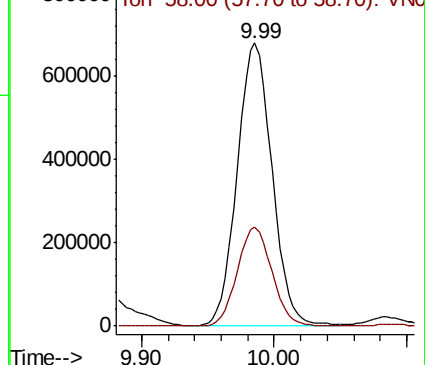
43 100

58 35.1 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 49.879 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055358.D

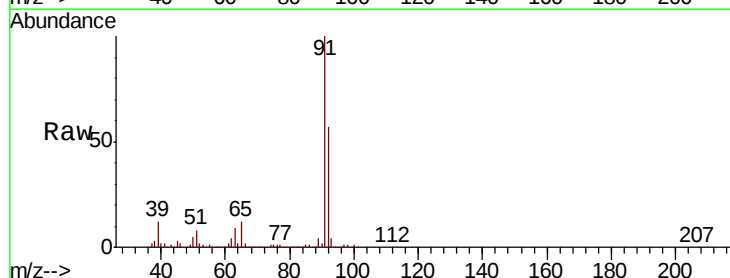
Acq: 2 May 2019 18:50

Tgt Ion: 92 Resp: 476278

Ion Ratio Lower Upper

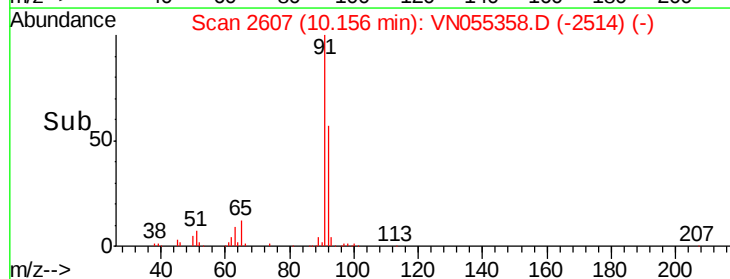
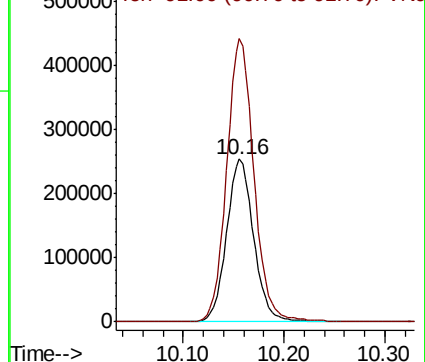
92 100

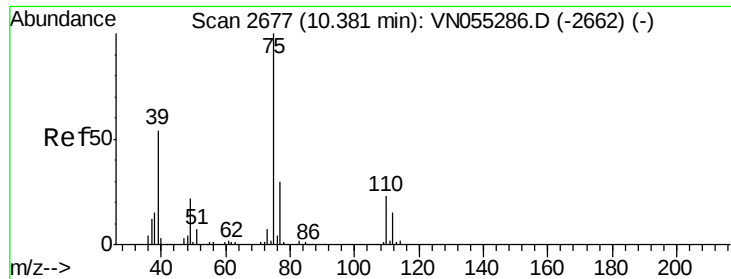
91 174.6 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 55.190 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

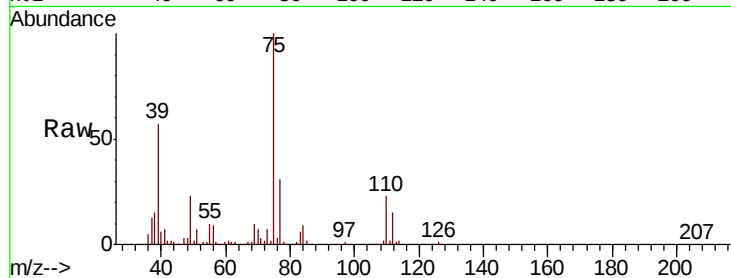
EP1-SB-E2-3(14-17)MS

Tot Ion: 75 Resp: 269657

Ion Ratio Lower Upper

75 100

77 31.2 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

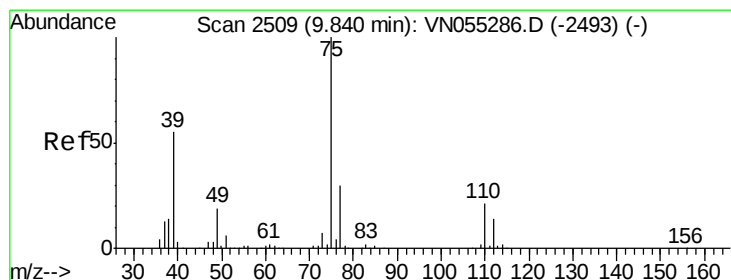
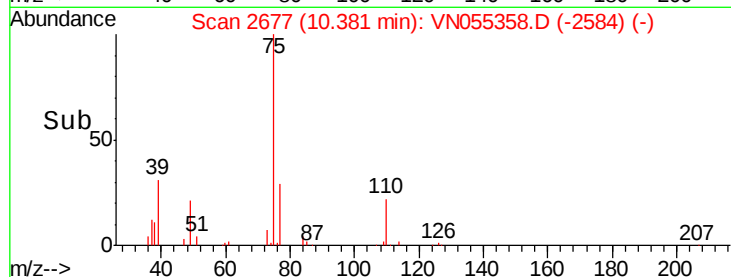
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.051 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

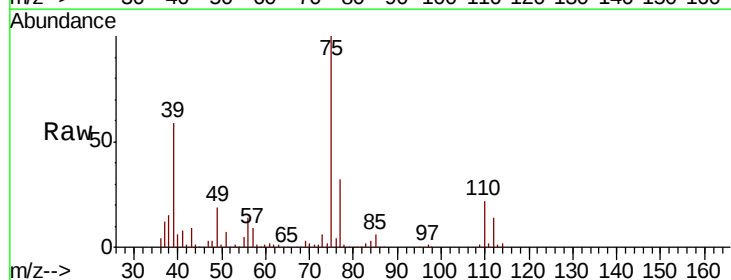
Tgt Ion: 75 Resp: 317087

Ion Ratio Lower Upper

75 100

77 31.5 24.2 36.2

39 58.5 44.2 66.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

200000

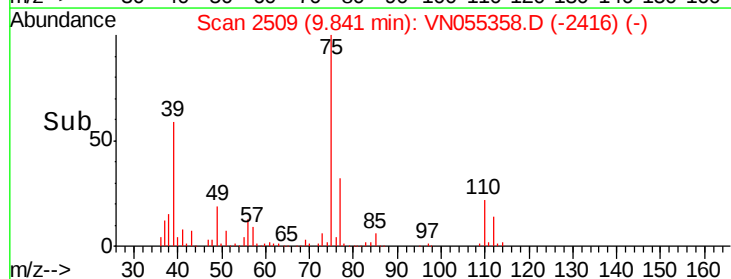
150000

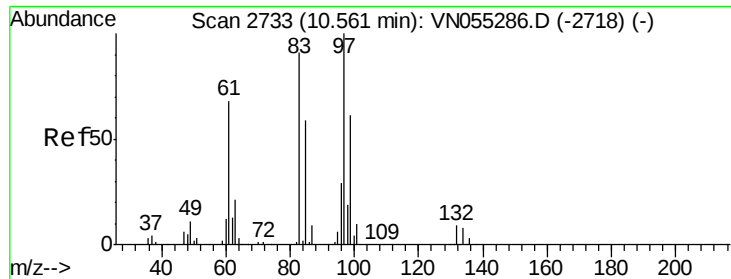
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 45.269 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

Tot Ion: 97 Resp: 160515

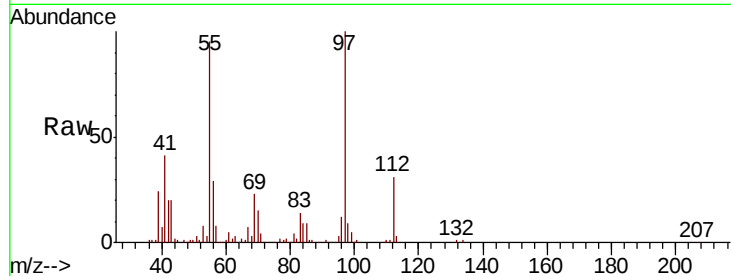
Ion Ratio Lower Upper

97 100

83 14.4 72.8 109.2#

85 9.3 47.0 70.6#

99 4.5 49.0 73.4#

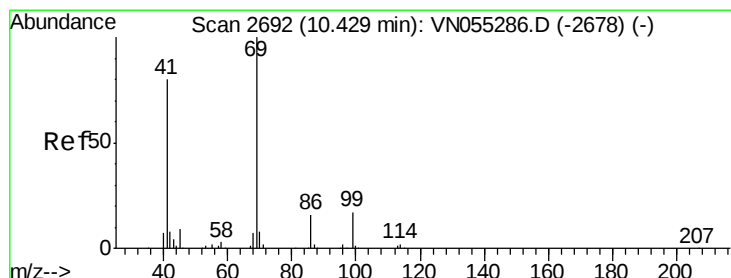
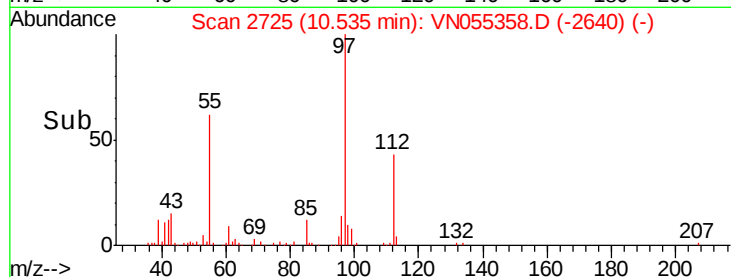
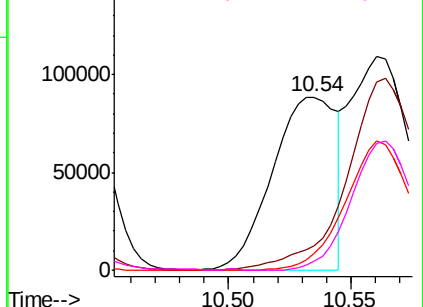


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 94.727 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

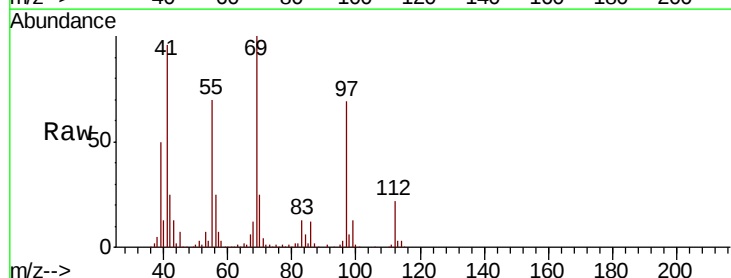
Tgt Ion: 69 Resp: 413415

Ion Ratio Lower Upper

69 100

41 93.5 62.7 94.1

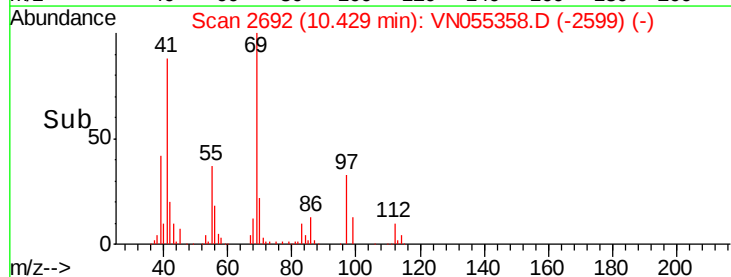
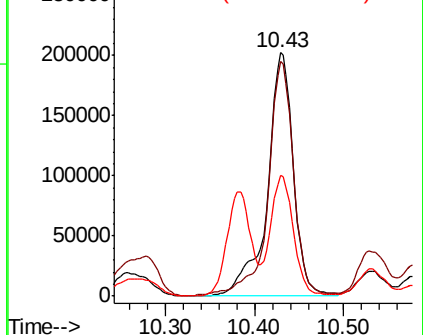
39 42.1 32.0 48.0

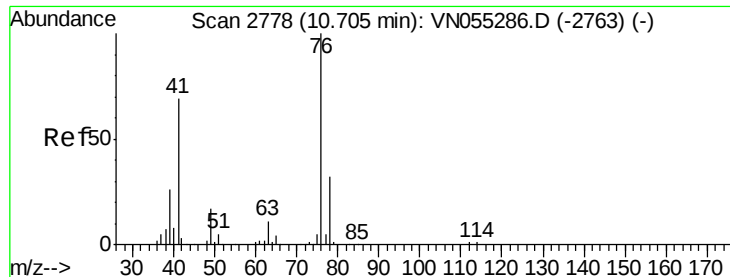


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 52.208 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

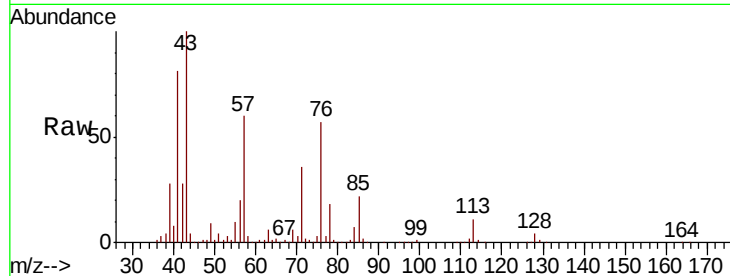
EP1-SB-E2-3(14-17)MS

Tot Ion: 76 Resp: 324748

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

200000

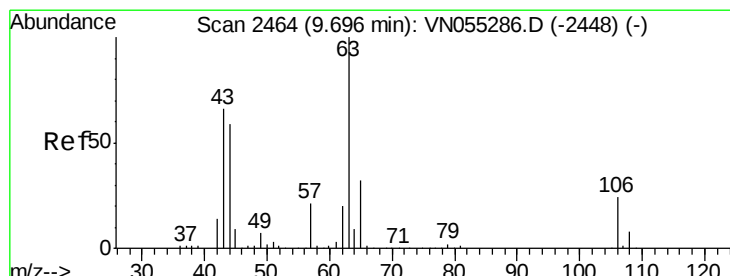
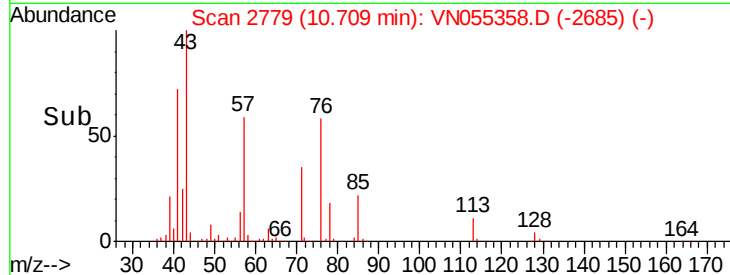
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 318.874 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055358.D

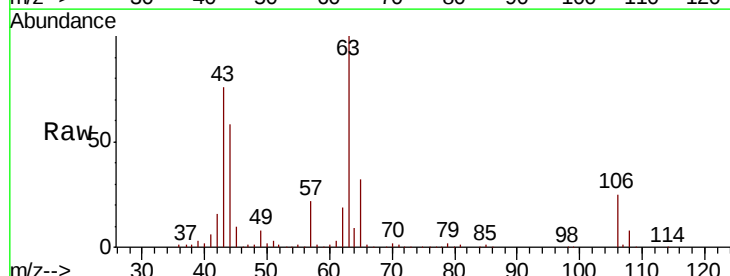
Acq: 2 May 2019 18:50

Tgt Ion: 63 Resp: 436770

Ion Ratio Lower Upper

63 100

106 23.9 19.0 28.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

250000

200000

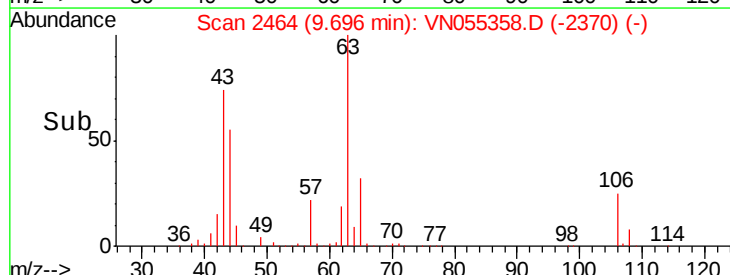
150000

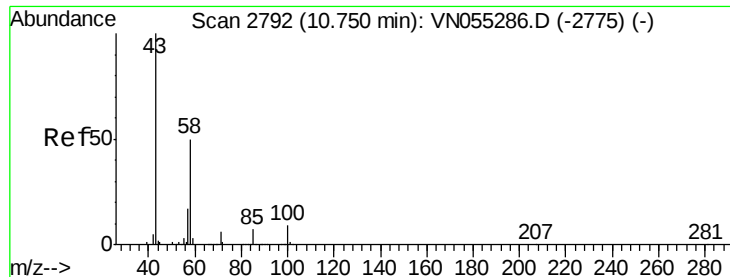
100000

50000

0

Time-->

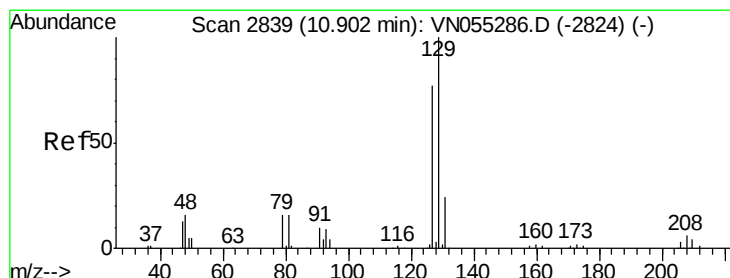
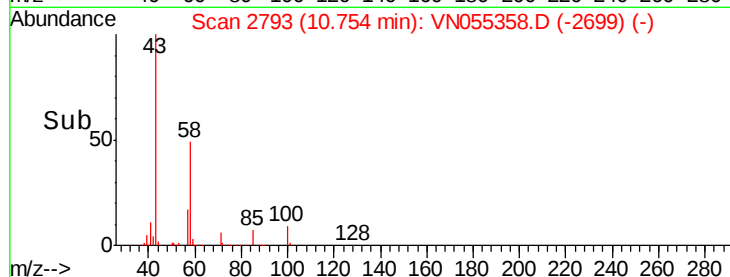
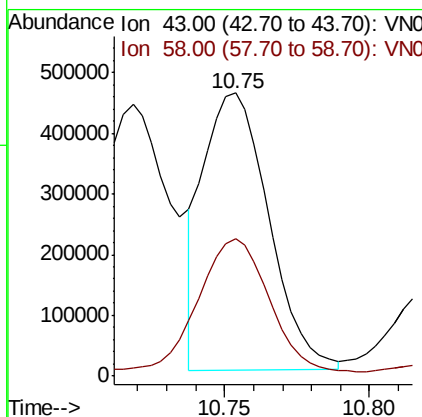
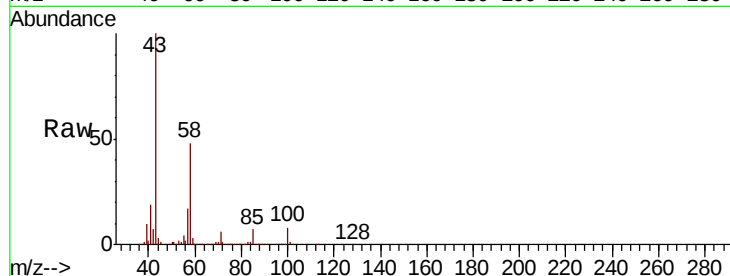




#59
2-Hexanone
Concen: 290.637 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

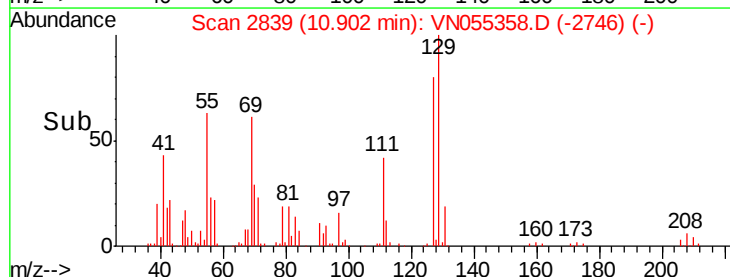
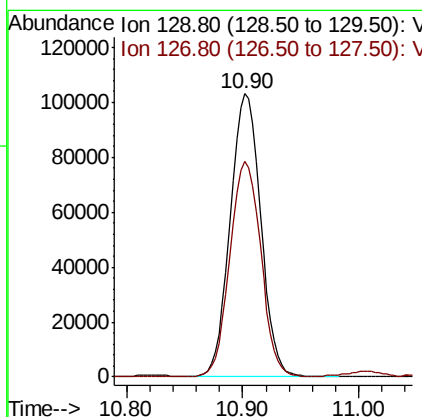
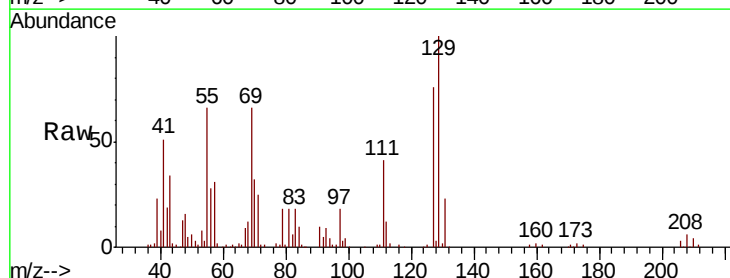
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

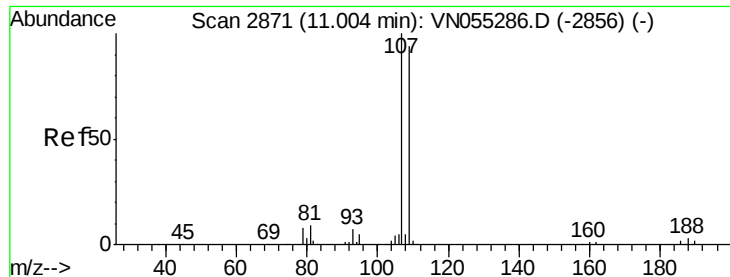
Tot Ion: 43 Resp: 711878
Ion Ratio Lower Upper
43 100
58 57.9 24.9 74.6



#60
Dibromochloromethane
Concen: 51.804 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 129 Resp: 187734
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.5





#61

1,2-Dibromoethane

Concen: 53.769 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

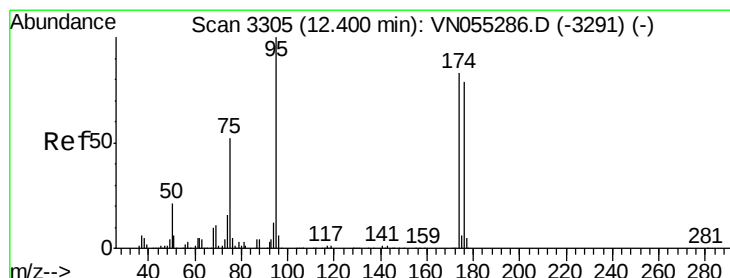
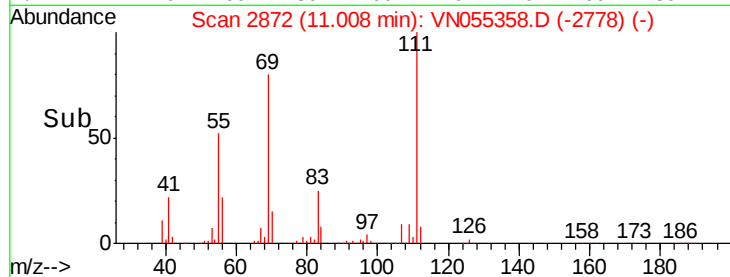
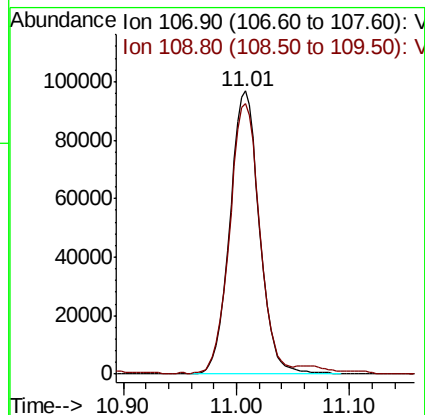
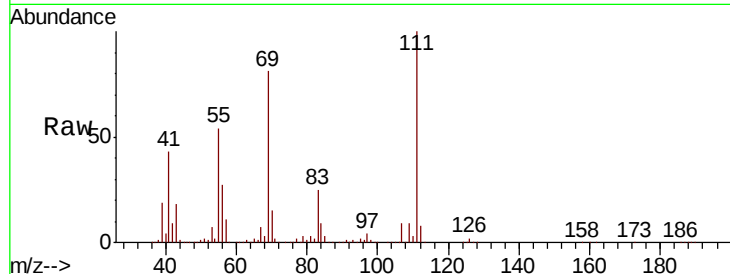
EP1-SB-E2-3(14-17)MS

Tot Ion:107 Resp: 176217

Ion Ratio Lower Upper

107 100

109 96.9 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 106.418 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

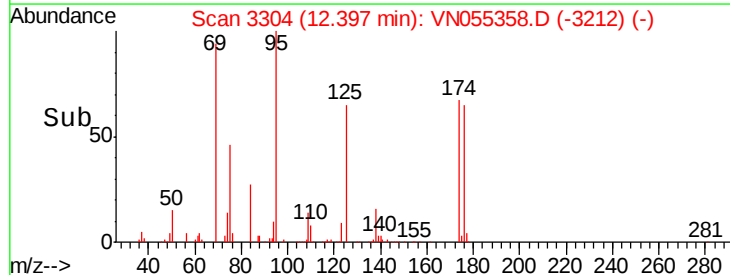
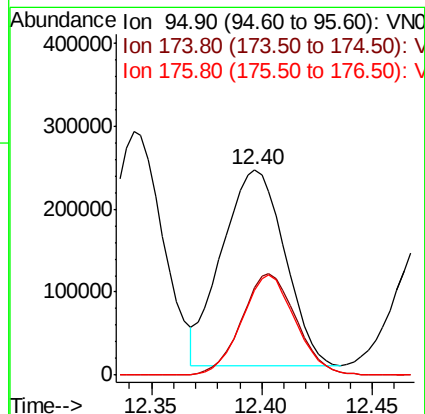
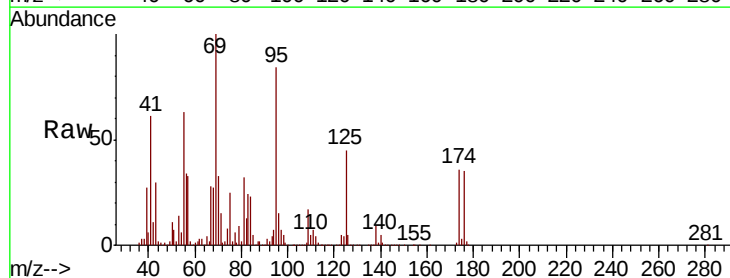
Tgt Ion: 95 Resp: 464581

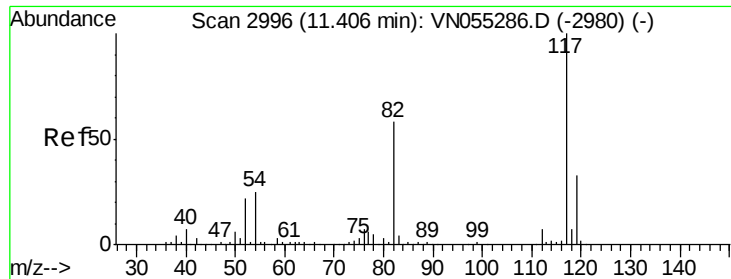
Ion Ratio Lower Upper

95 100

174 45.2 0.0 166.6

176 43.7 0.0 157.8

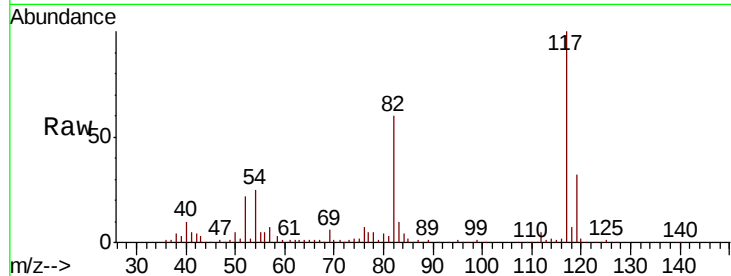




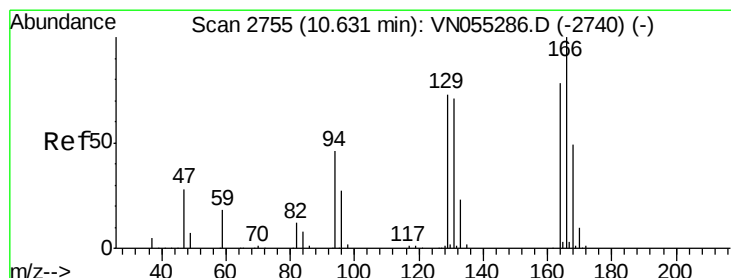
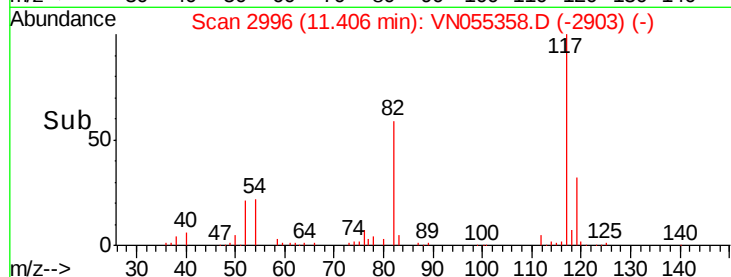
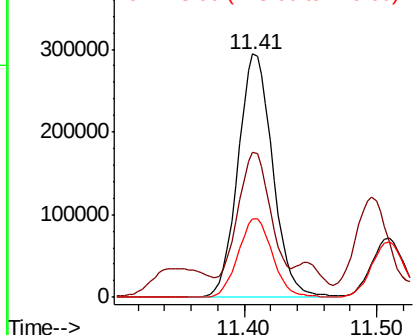
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

Tot Ion:117 Resp: 535305
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 32.3 26.6 40.0

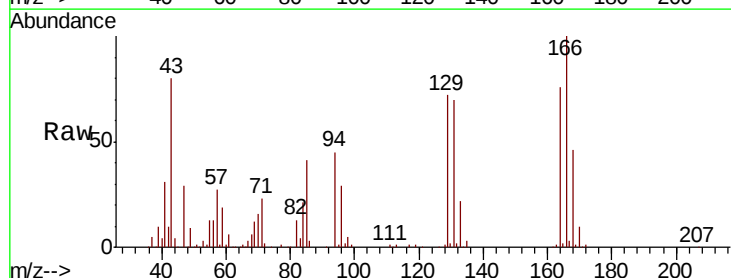


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

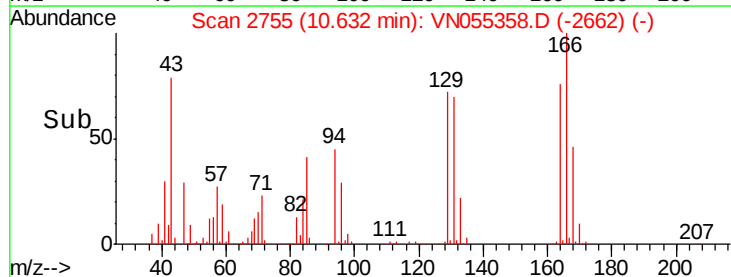
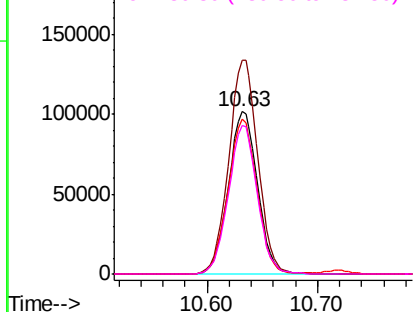


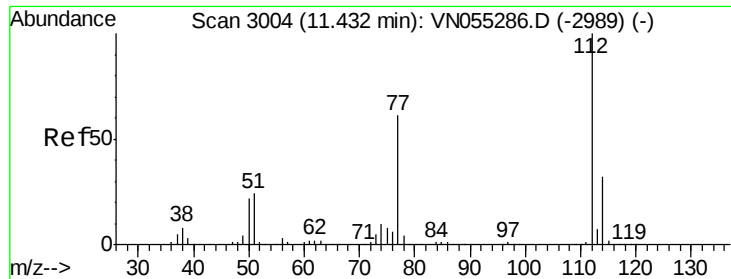
#64
Tetrachloroethene
Concen: 42.476 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion:164 Resp: 185943
Ion Ratio Lower Upper
164 100
166 131.8 102.3 153.5
129 95.2 75.0 112.6
131 92.0 72.7 109.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 47.868 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

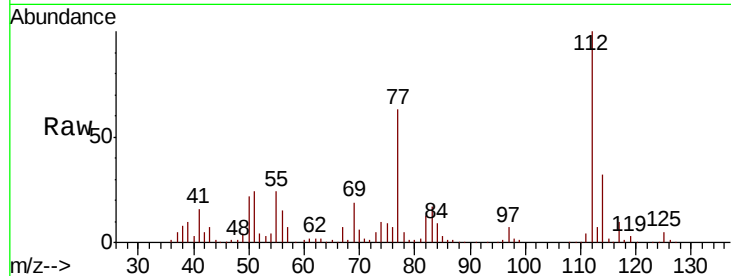
EP1-SB-E2-3(14-17)MS

Tot Ion:112 Resp: 500982

Ion Ratio Lower Upper

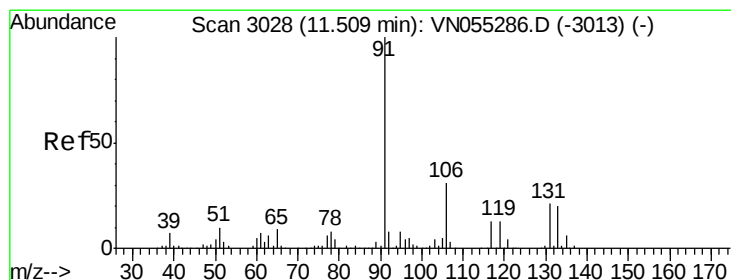
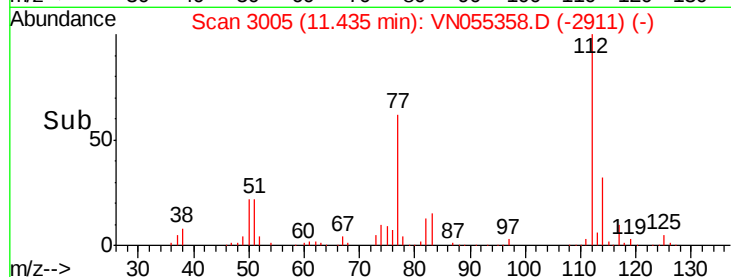
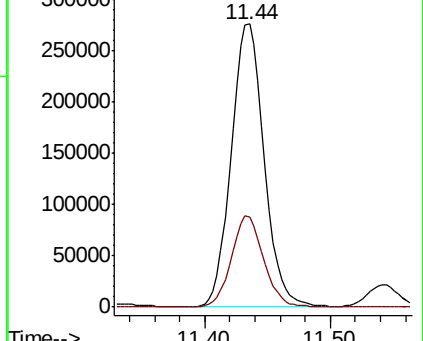
112 100

114 31.7 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 44.069 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

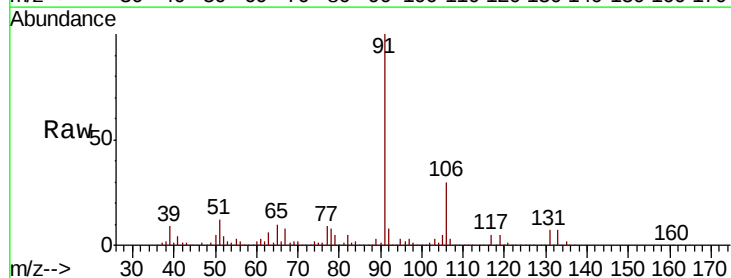
Tgt Ion:131 Resp: 180600

Ion Ratio Lower Upper

131 100

133 93.6 47.5 142.6

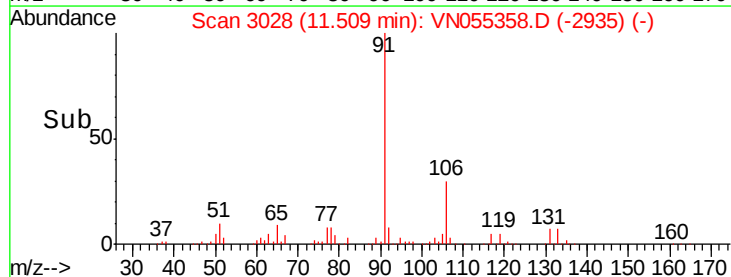
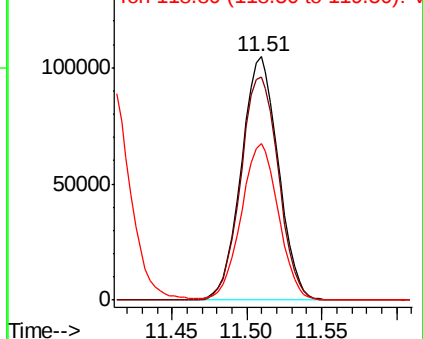
119 64.7 32.7 98.1

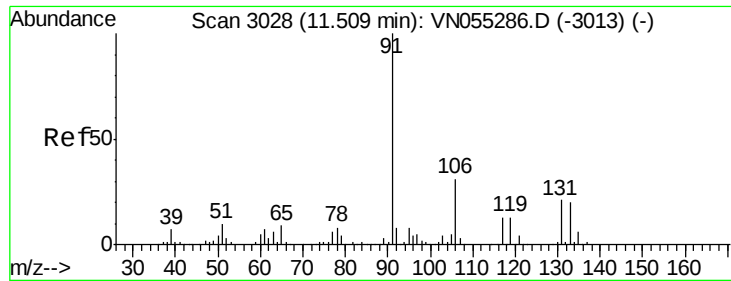


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

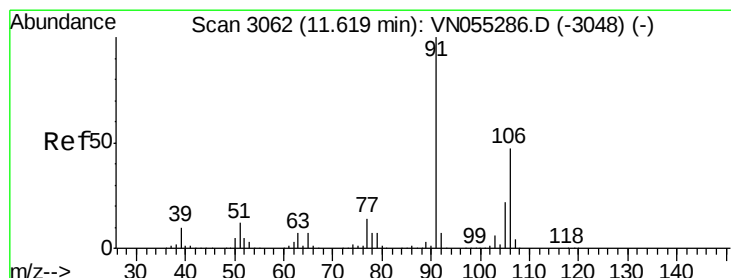
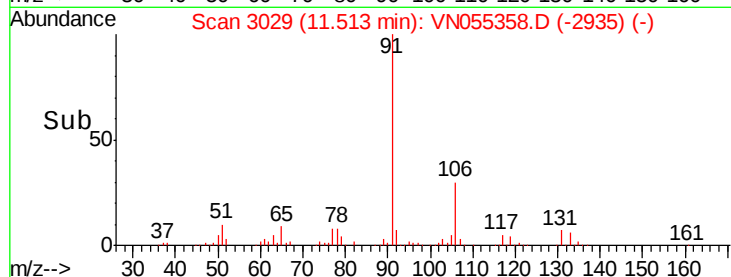
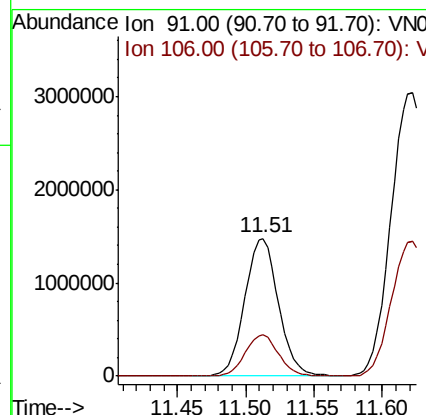
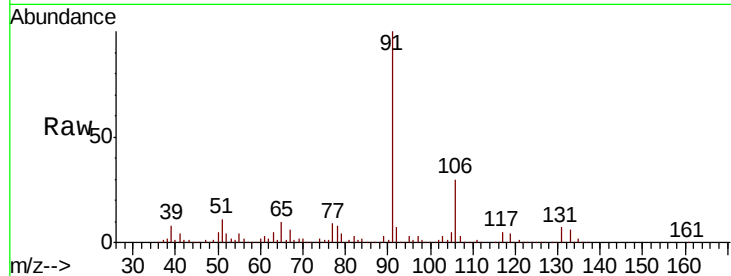




#67
Ethyl Benzene
Concen: 133.426 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

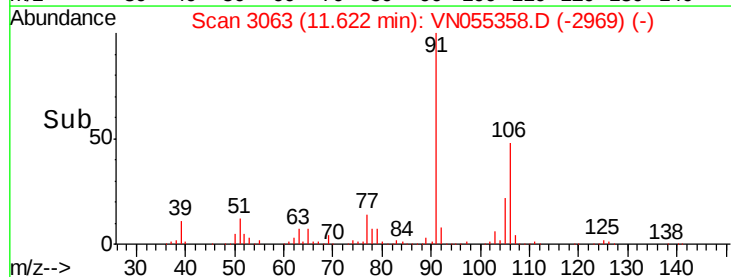
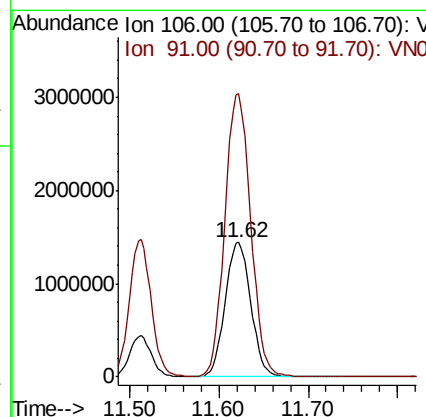
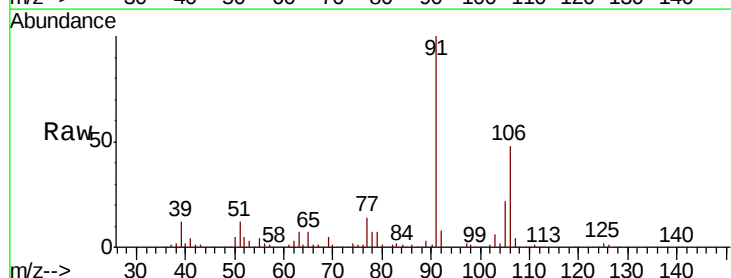
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

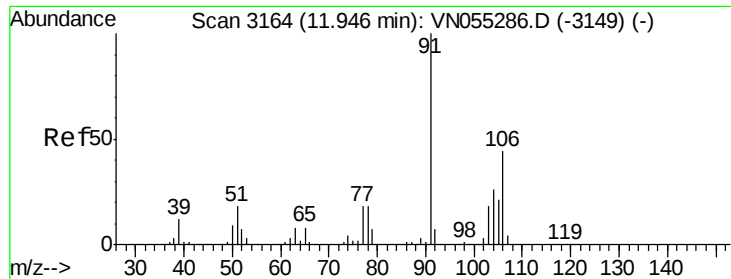
Tot Ion: 91 Resp: 2521669
Ion Ratio Lower Upper
91 100
106 30.1 24.6 36.8



#68
m/p-Xylenes
Concen: 425.300 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 106 Resp: 2869073
Ion Ratio Lower Upper
106 100
91 212.8 169.5 254.3

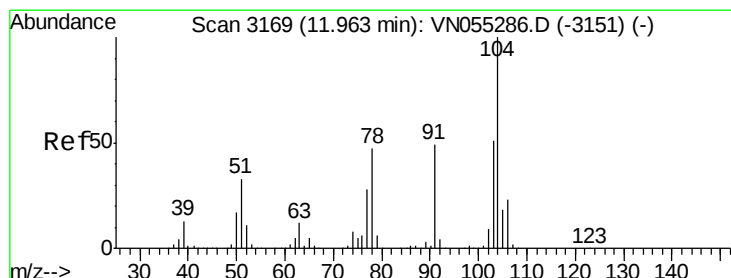
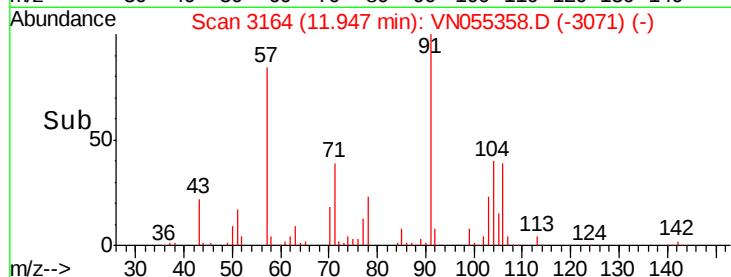
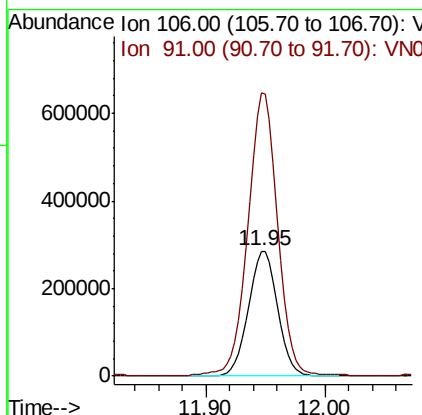
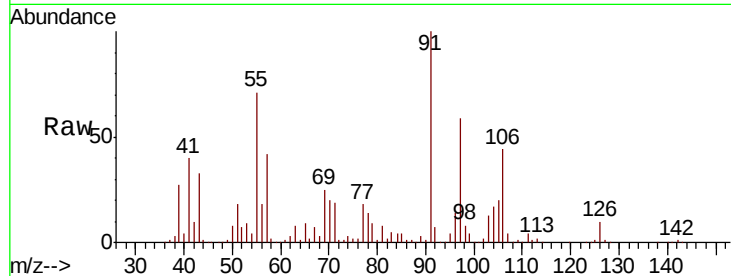




#69
o-Xylene
Concen: 72.198 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

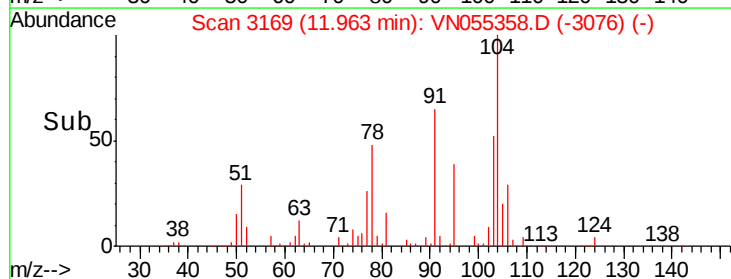
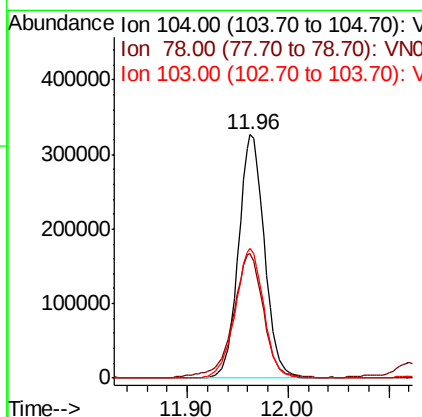
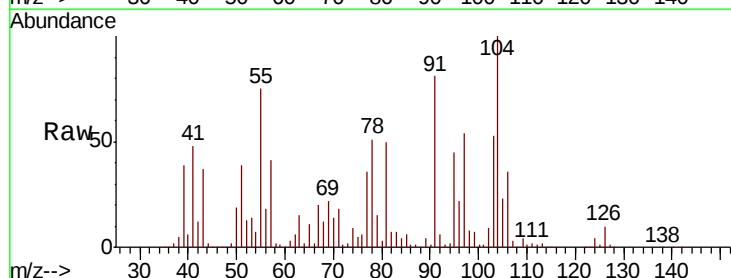
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

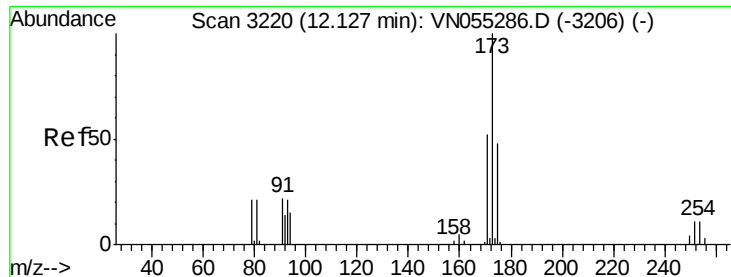
Tot Ion:106 Resp: 482743
Ion Ratio Lower Upper
106 100
91 232.2 111.5 334.5



#70
Styrene
Concen: 56.217 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion:104 Resp: 577145
Ion Ratio Lower Upper
104 100
78 60.4 42.2 63.2
103 58.5 44.6 67.0





#71

Bromoform

Concen: 51.597 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

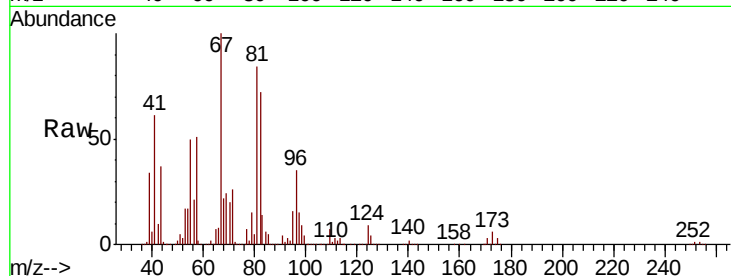
Tot Ion:173 Resp: 117331

Ion Ratio Lower Upper

173 100

175 46.6 23.6 71.0

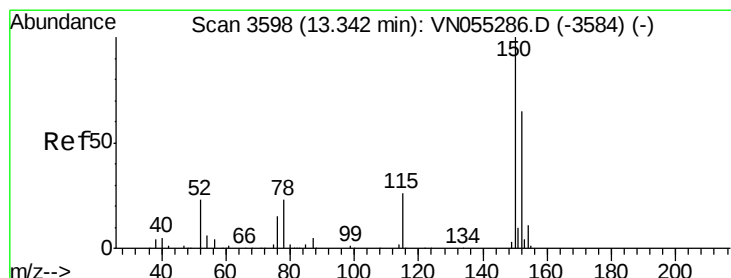
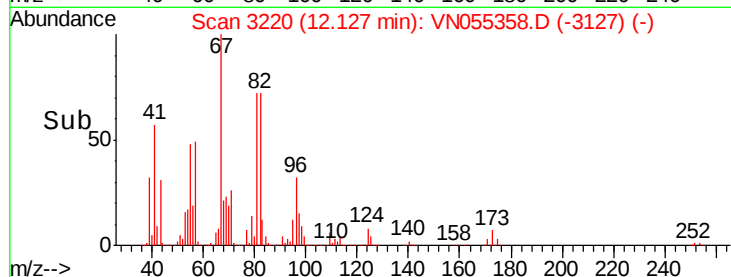
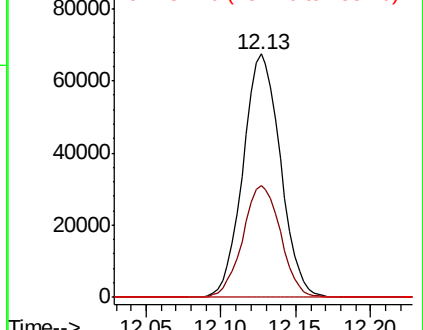
254 0.1 0.0 0.0#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

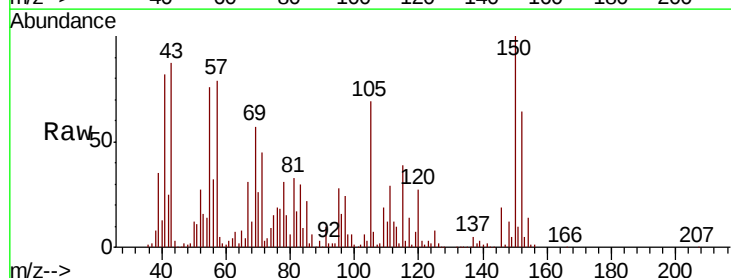
Tgt Ion:152 Resp: 285035

Ion Ratio Lower Upper

152 100

115 0.0 29.0 87.0#

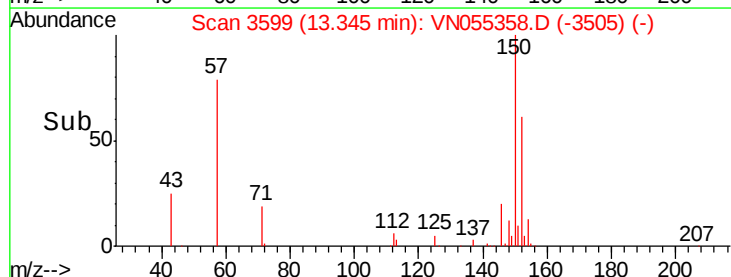
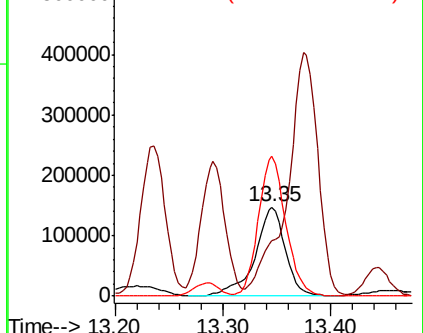
150 142.3 0.0 345.6

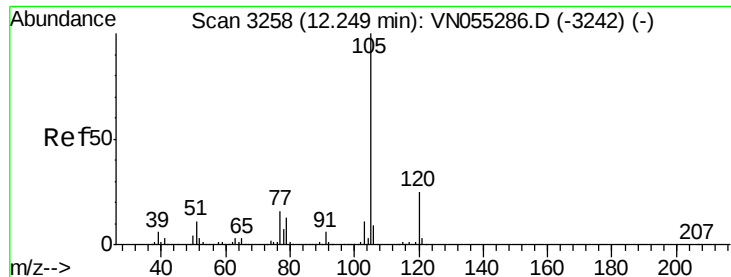


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 166.894 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

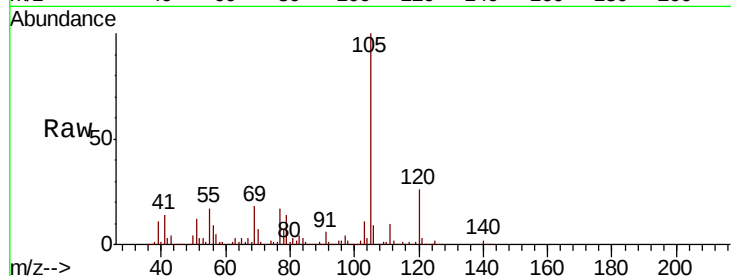
EP1-SB-E2-3(14-17)MS

Tot Ion:105 Resp: 3617508

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

2500000 Ion 120.00 (119.70 to 120.70): V

2000000

1500000

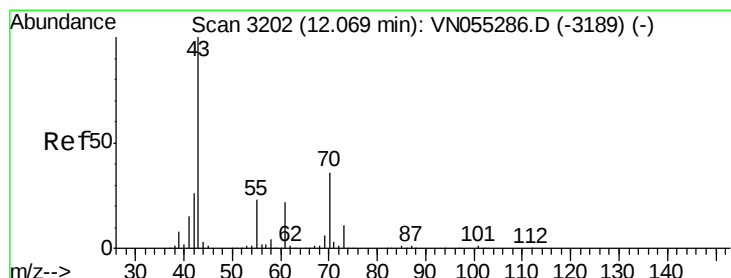
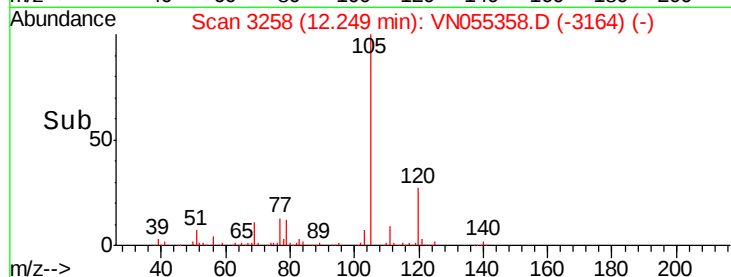
1000000

500000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 227.961 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Tgt Ion: 43 Resp: 1667558

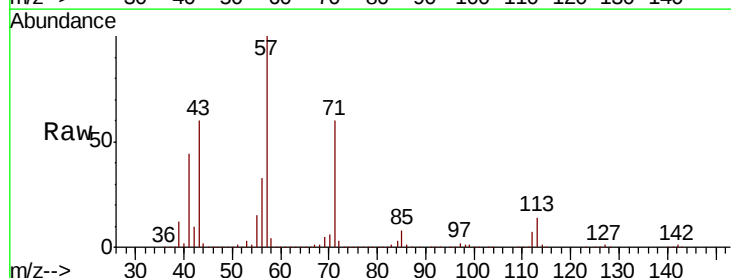
Ion Ratio Lower Upper

43 100

70 2.6 27.9 41.9#

55 0.0 18.2 27.2#

61 0.0 16.9 25.3#



Abundance Ion 43.00 (42.70 to 43.70): V

1500000 Ion 70.00 (69.70 to 70.70): V

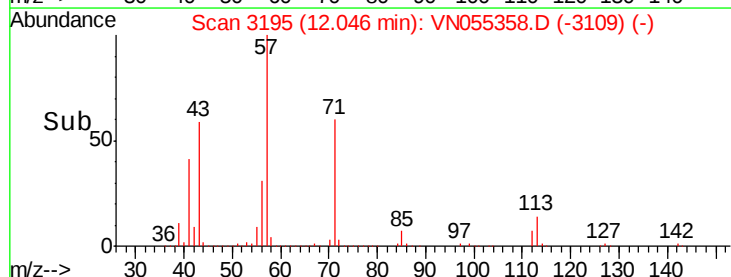
1000000 Ion 55.00 (54.70 to 55.70): V

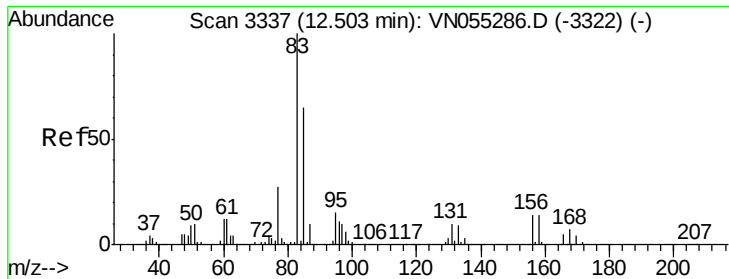
500000 Ion 61.00 (60.70 to 61.70): V

0

Time-->

12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 17.140 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

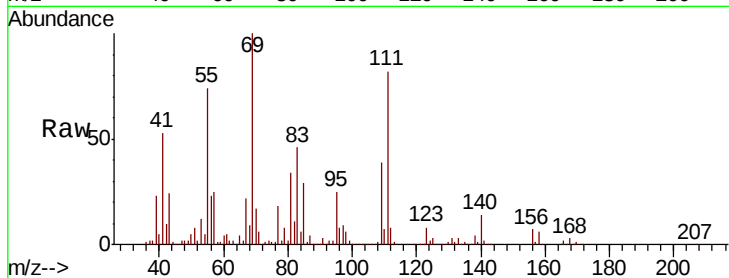
Tot Ion: 83 Resp: 108603

Ion Ratio Lower Upper

83 100

131 20.5 5.1 15.2#

85 150.0 32.3 96.8#

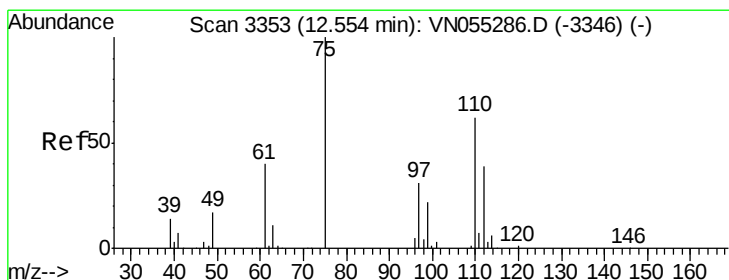
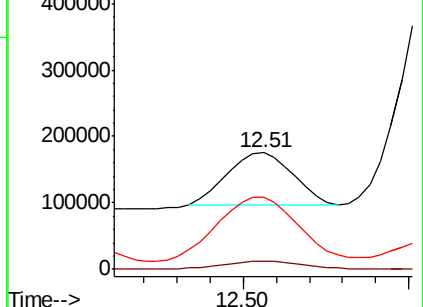
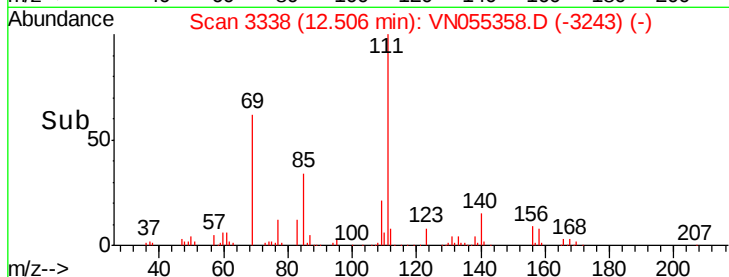


Abundance Ion 82.90 (82.60 to 83.60): VN055286.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN055286.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN055286.D (-3322) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 54.456 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055358.D

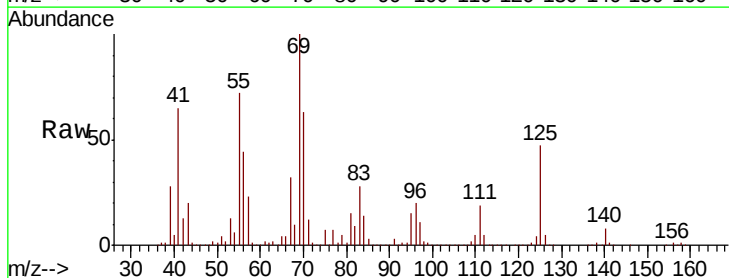
Acq: 2 May 2019 18:50

Tgt Ion: 75 Resp: 287323

Ion Ratio Lower Upper

75 100

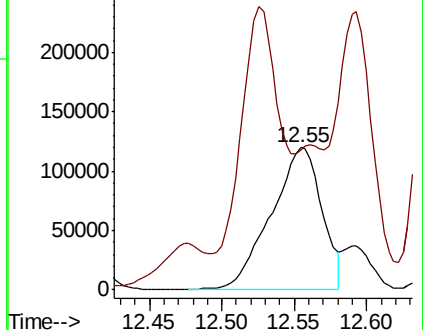
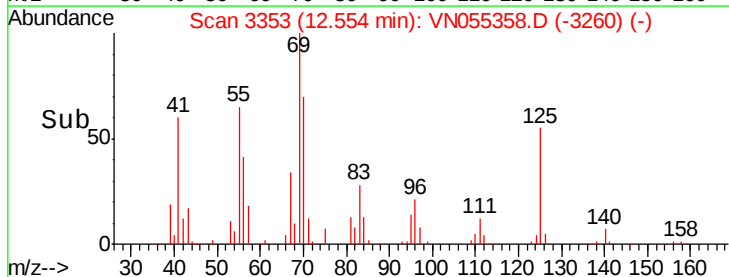
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055286.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN055286.D (-3346) (-)

Time-->





#77

Bromobenzene

Concen: 39.235 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

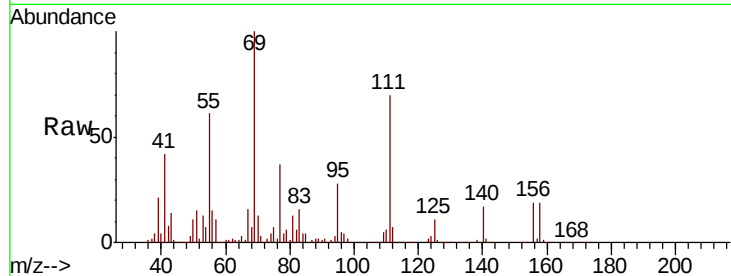
Tot Ion:156 Resp: 215917

Ion Ratio Lower Upper

156 100

77 176.2 99.6 298.8

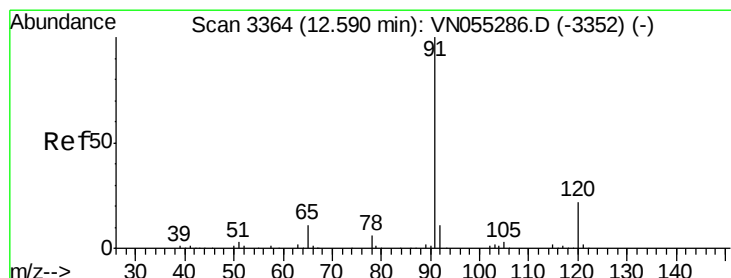
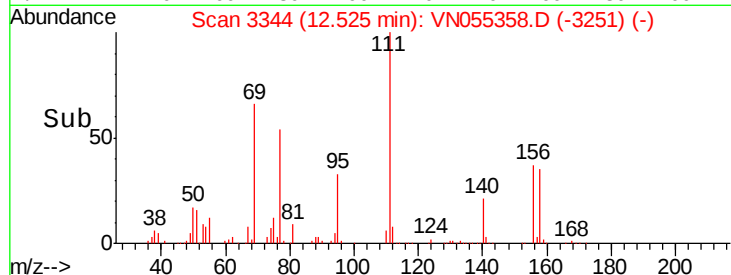
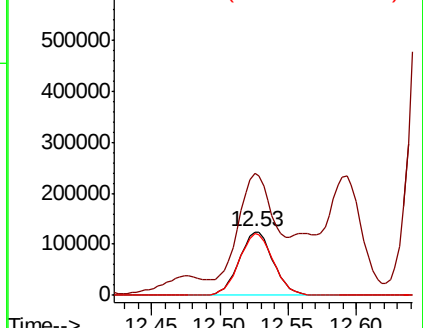
158 97.2 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 303.675 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055358.D

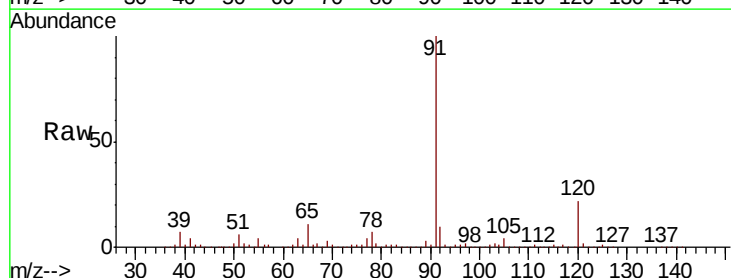
Acq: 2 May 2019 18:50

Tgt Ion: 91 Resp: 8891314

Ion Ratio Lower Upper

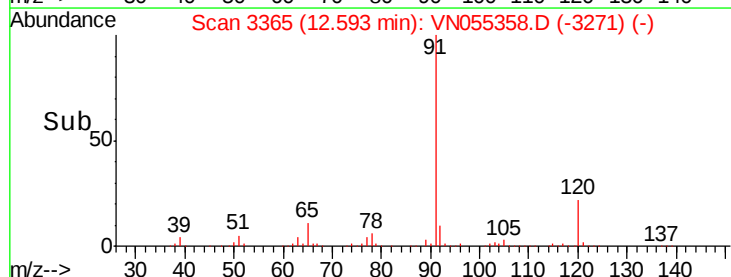
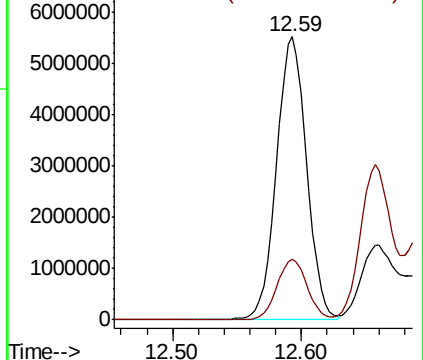
91 100

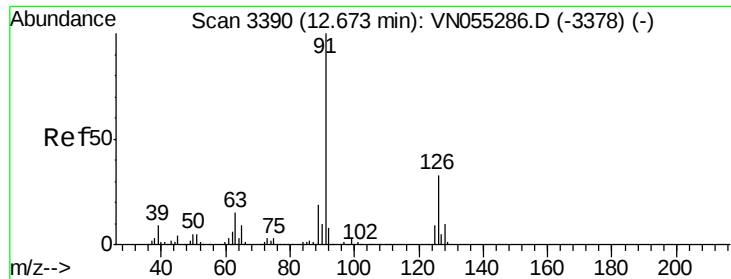
120 21.6 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

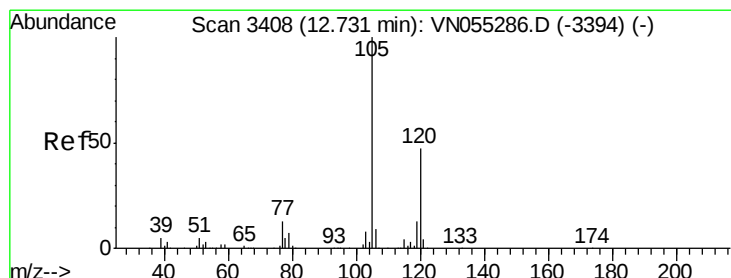
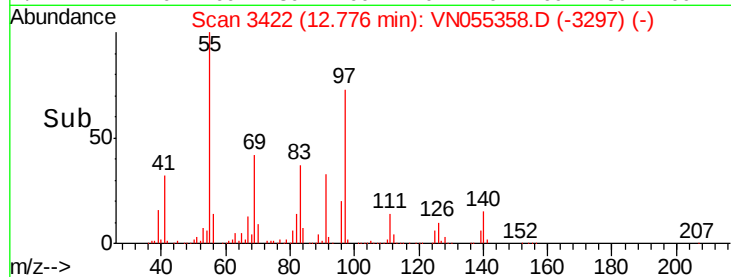
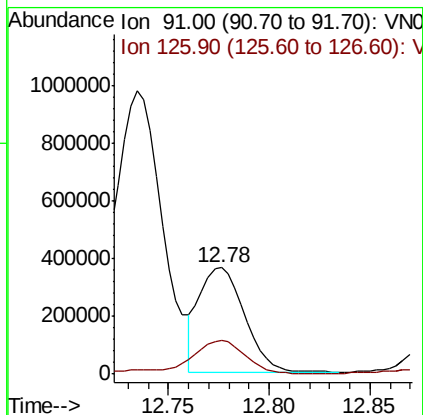
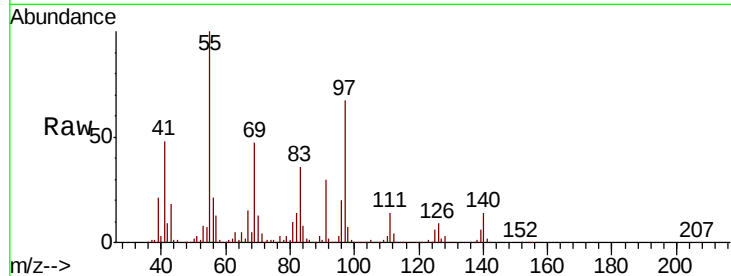




#79
 2-Chlorotoluene
 Concen: 35.332 ug/l
 RT: 12.78 min Scan# 3422
 Delta R.T. 0.10 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

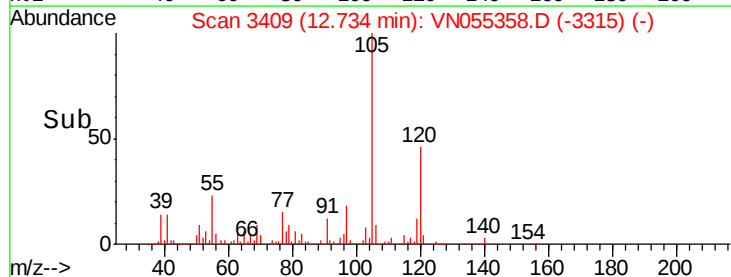
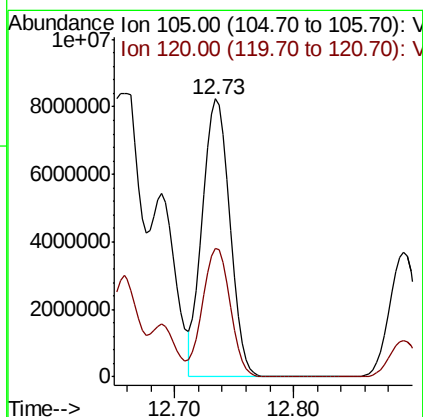
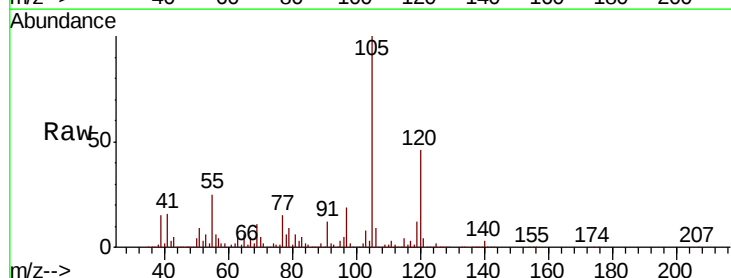
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

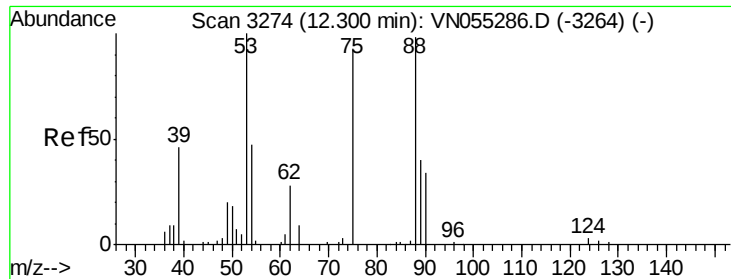
Tot Ion: 91 Resp: 557855
 Ion Ratio Lower Upper
 91 100
 126 39.3 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 591.857 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Tgt Ion:105 Resp:13225529
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 37.859 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

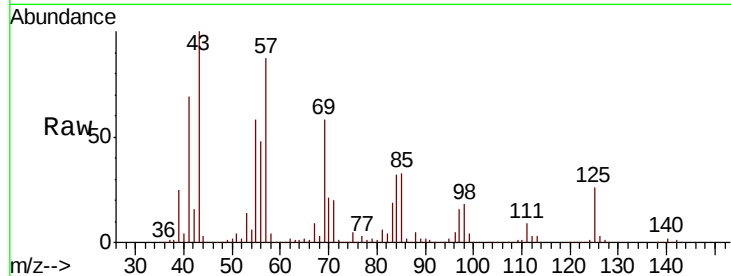
Tot Ion: 75 Resp: 56943

Ion Ratio Lower Upper

75 100

53 201.3 86.3 129.5#

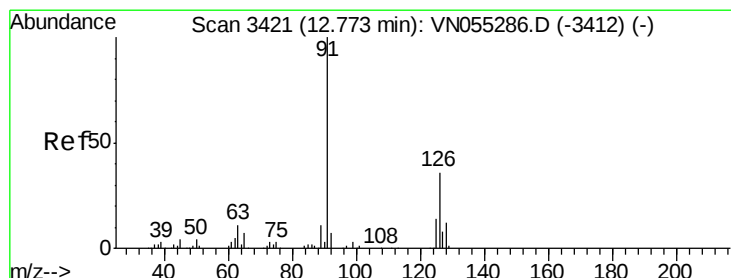
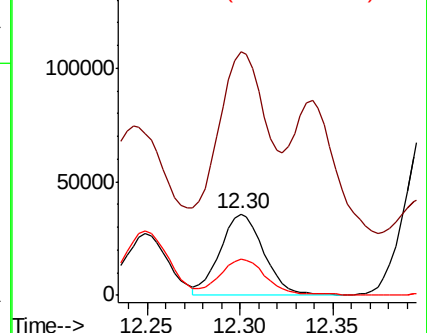
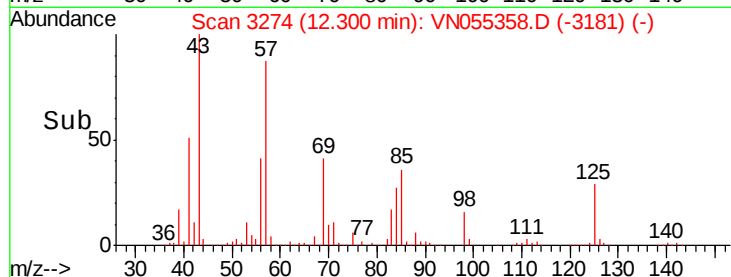
89 46.8 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VN055286.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055286.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055286.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 32.769 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN055358.D

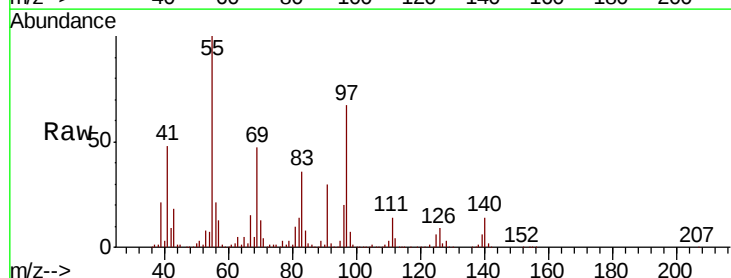
Acq: 2 May 2019 18:50

Tgt Ion: 91 Resp: 557855

Ion Ratio Lower Upper

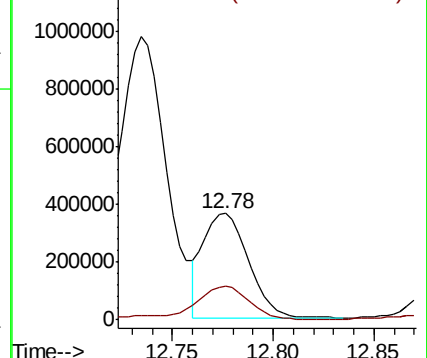
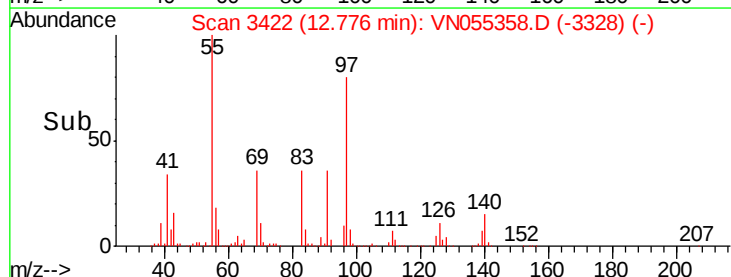
91 100

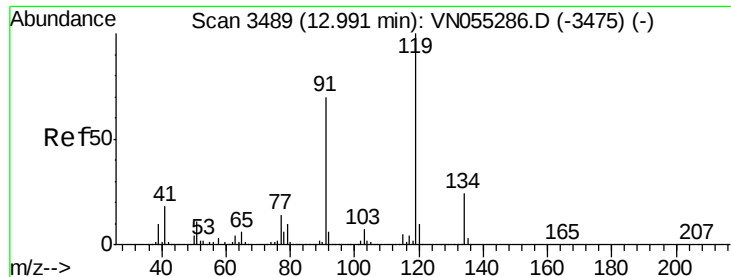
126 40.2 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN055286.D (-3412) (-)

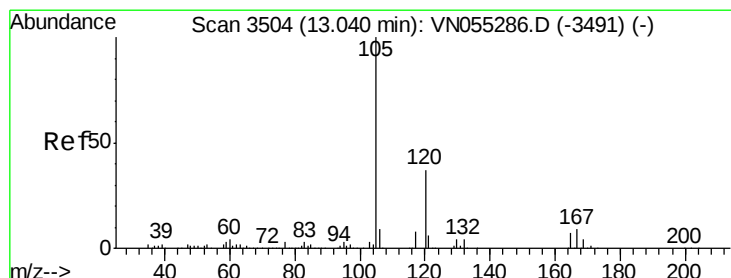
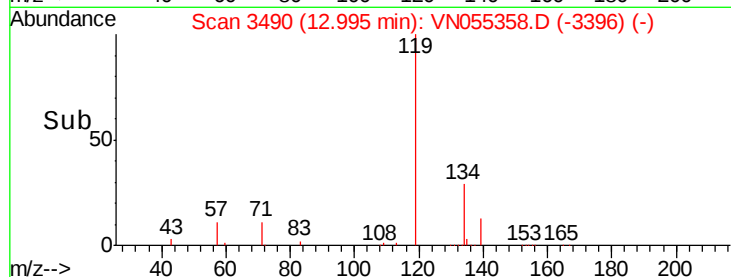
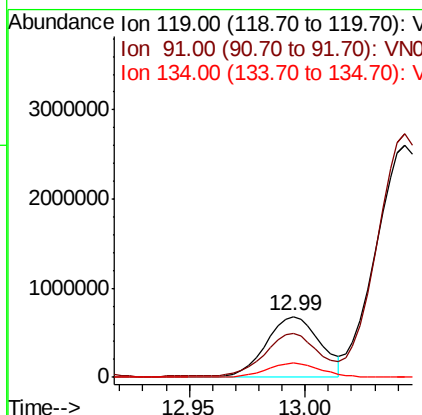
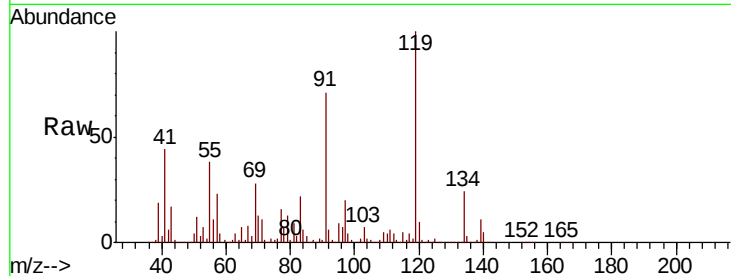




#83
 tert-Butylbenzene
 Concen: 71.571 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

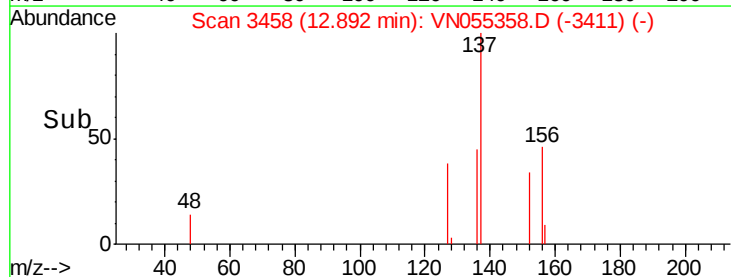
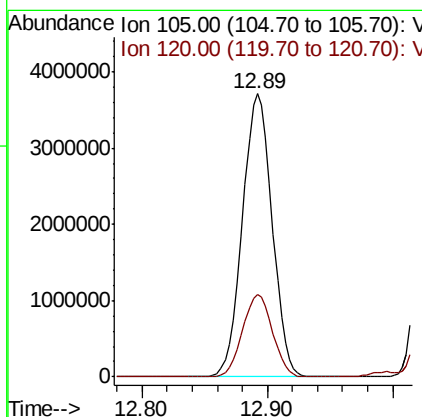
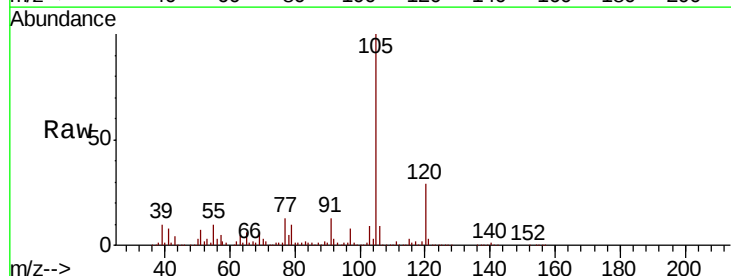
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

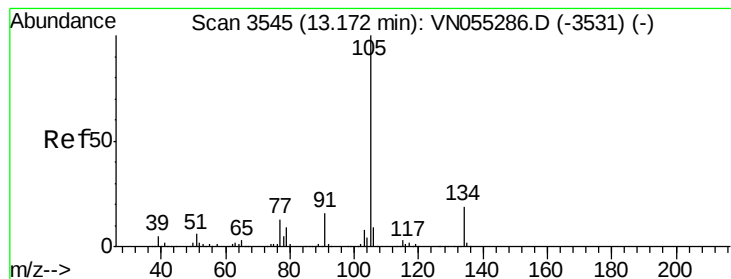
Tot Ion:119 Resp: 1112160
 Ion Ratio Lower Upper
 119 100
 91 71.6 34.3 102.9
 134 25.0 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 304.519 ug/l
 RT: 12.89 min Scan# 3458
 Delta R.T. -0.15 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Tgt Ion:105 Resp: 6085783
 Ion Ratio Lower Upper
 105 100
 120 29.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 203.766 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

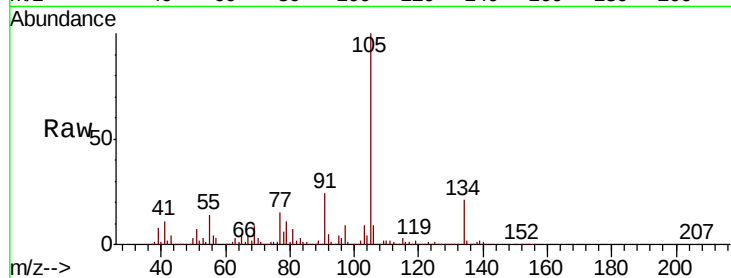
EP1-SB-E2-3(14-17)MS

Tot Ion:105 Resp: 4949026

Ion Ratio Lower Upper

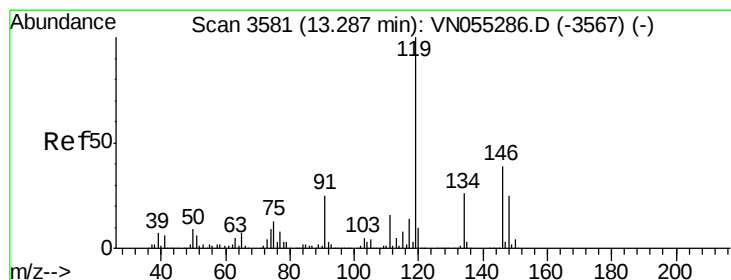
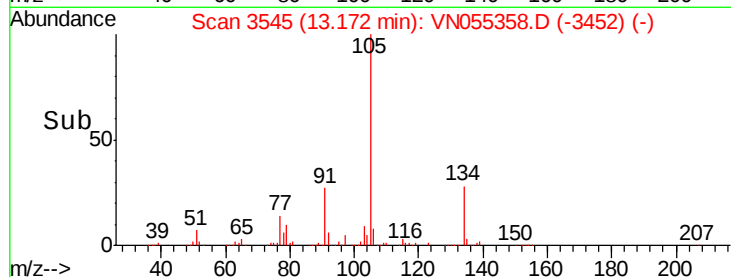
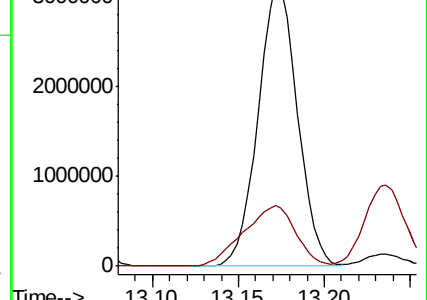
105 100

134 28.7 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 223.874 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

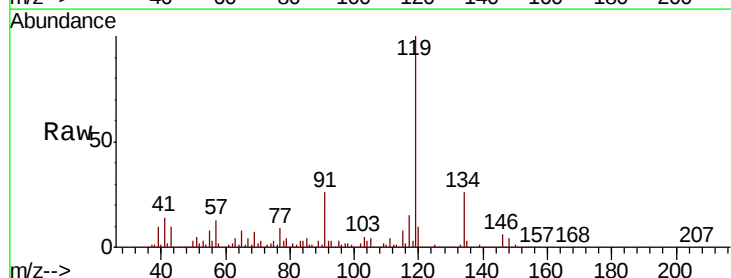
Tgt Ion:119 Resp: 4469081

Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

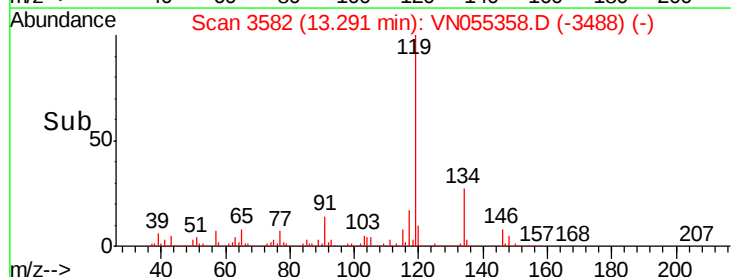
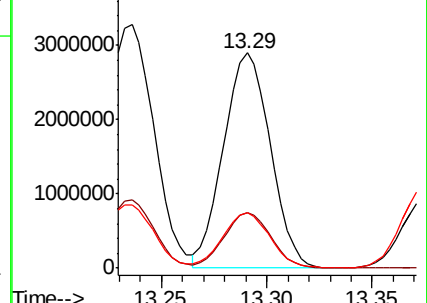
91 25.5 12.2 36.6

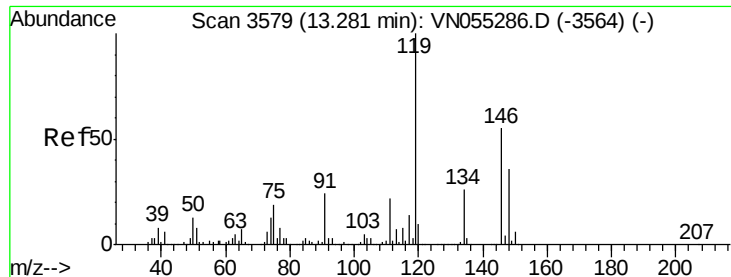


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

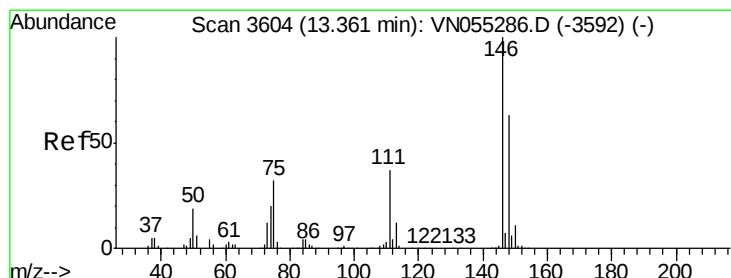
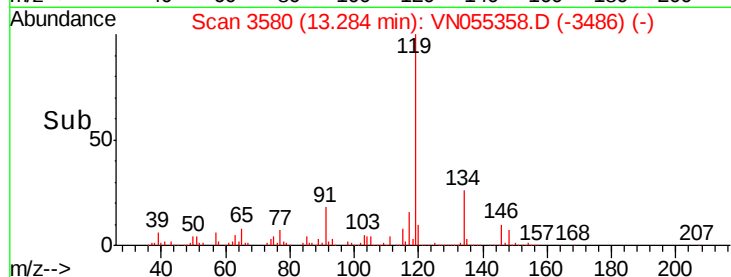
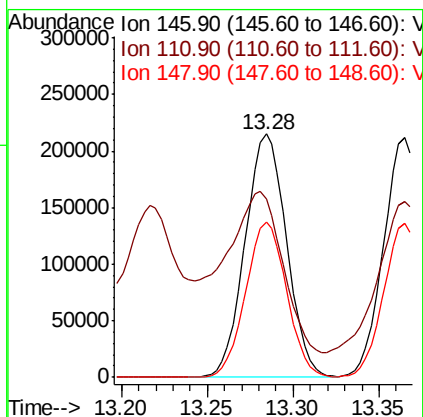
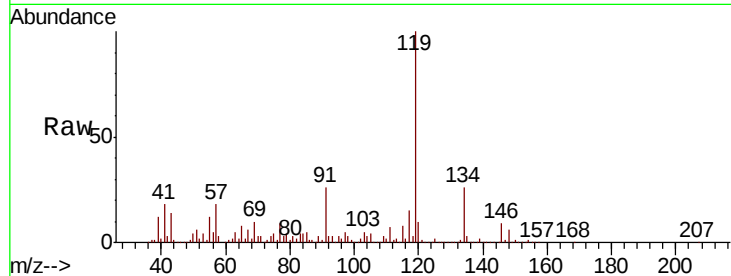




#87
 1,3-Dichlorobenzene
 Concen: 37.615 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

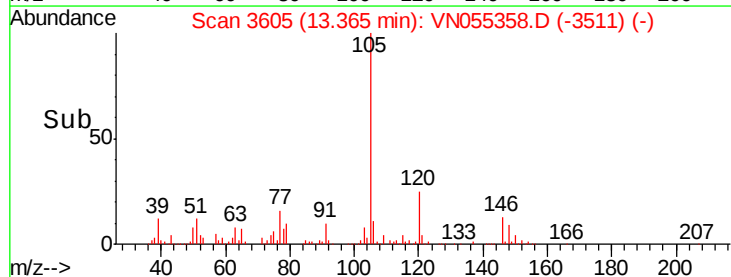
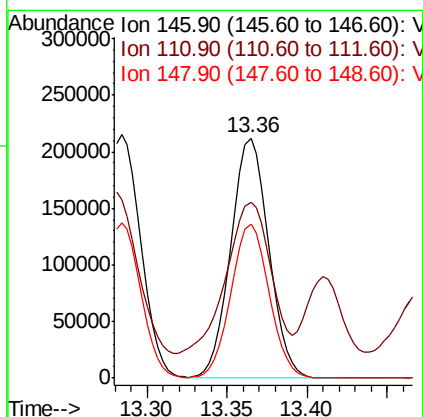
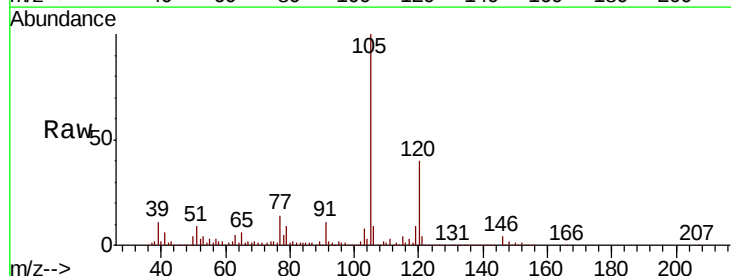
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

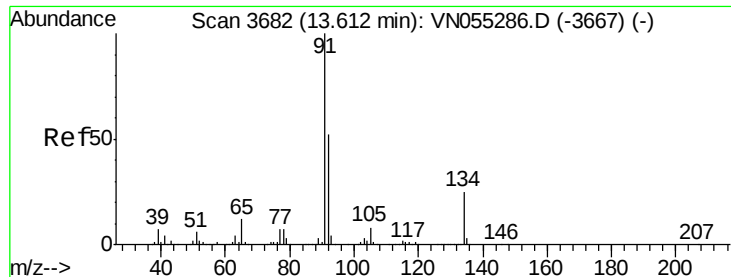
Tot Ion:146 Resp: 358769
 Ion Ratio Lower Upper
 146 100
 111 80.0 20.3 60.8#
 148 63.0 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 38.133 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Tgt Ion:146 Resp: 342517
 Ion Ratio Lower Upper
 146 100
 111 73.0 19.5 58.5#
 148 64.7 32.5 97.4

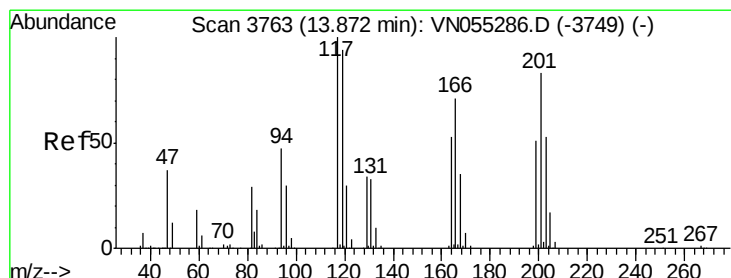
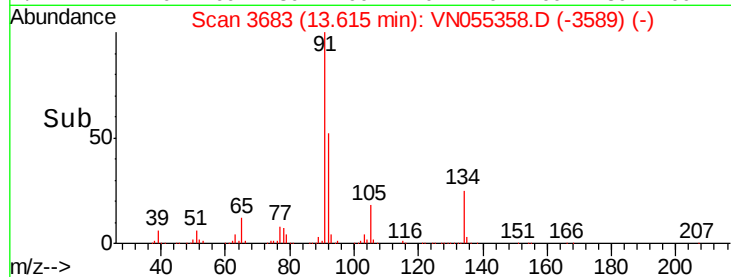
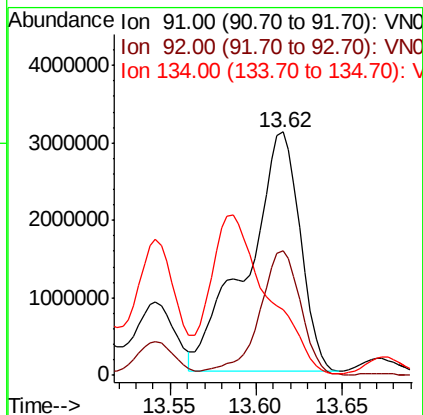
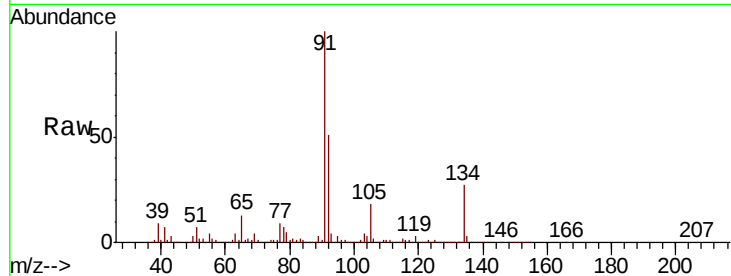




#89
n-Butylbenzene
Concen: 463.397 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

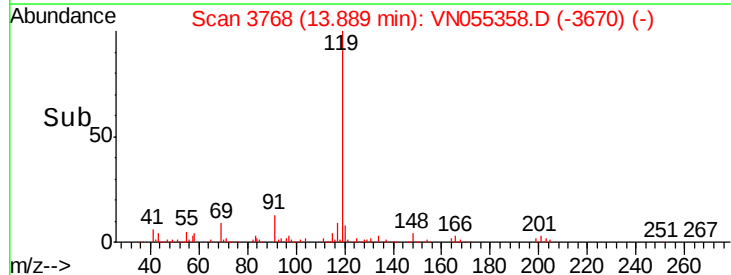
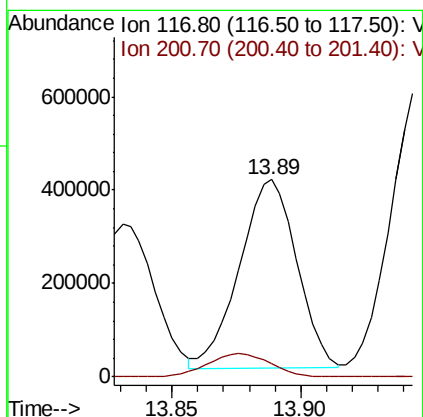
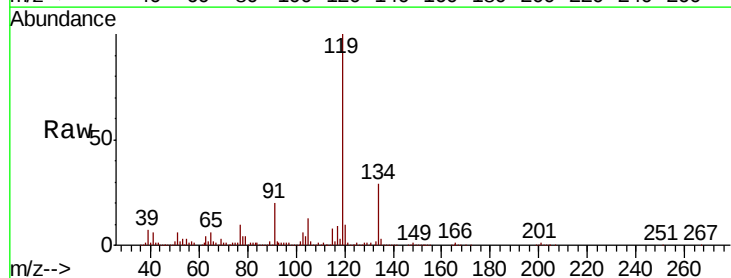
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)MS

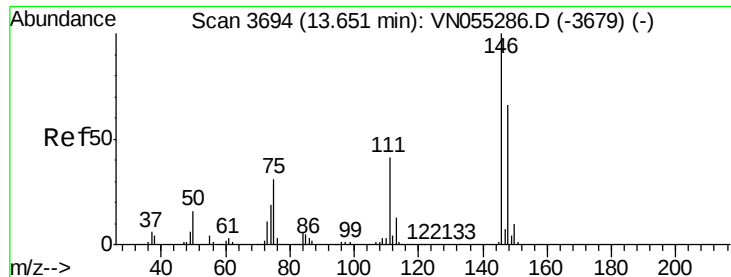
Tot Ion: 91 Resp: 6573306
Ion Ratio Lower Upper
91 100
92 40.7 26.1 78.3
134 0.0 12.4 37.4#



#90
Hexachloroethane
Concen: 202.874 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN055358.D
Acq: 2 May 2019 18:50

Tgt Ion: 117 Resp: 626018
Ion Ratio Lower Upper
117 100
201 13.8 41.9 125.8#

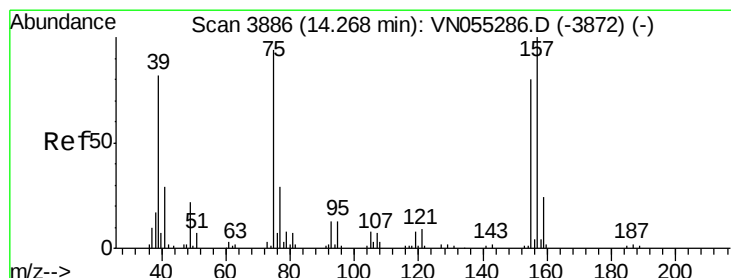
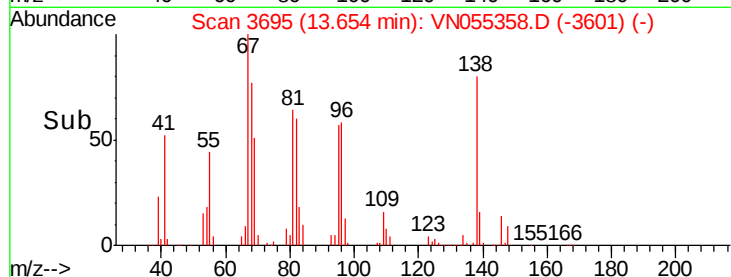
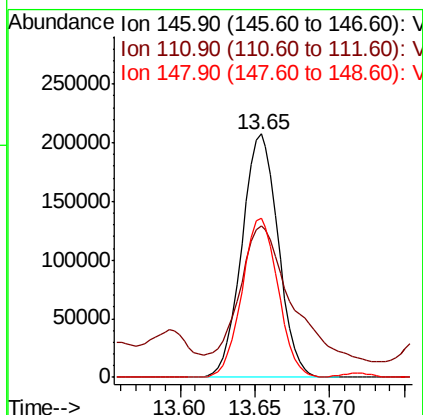
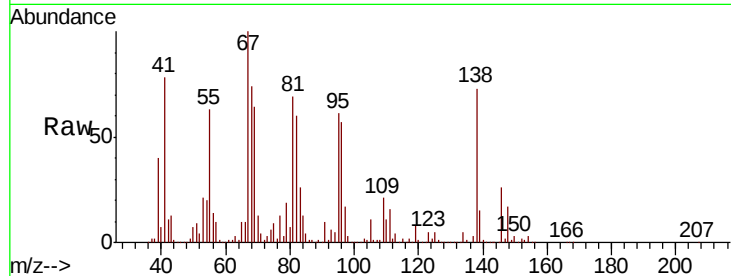




#91
 1,2-Dichlorobenzene
 Concen: 37.010 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

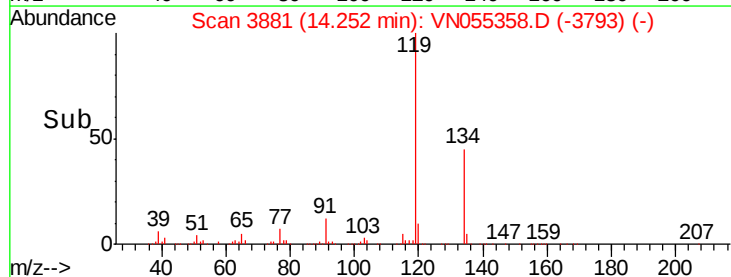
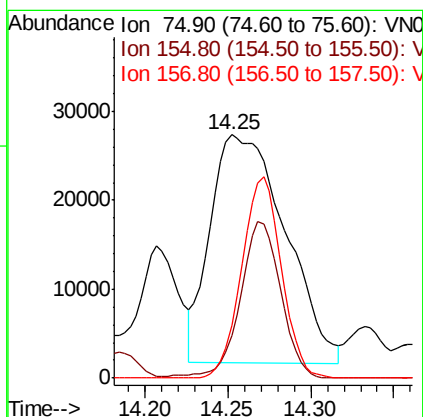
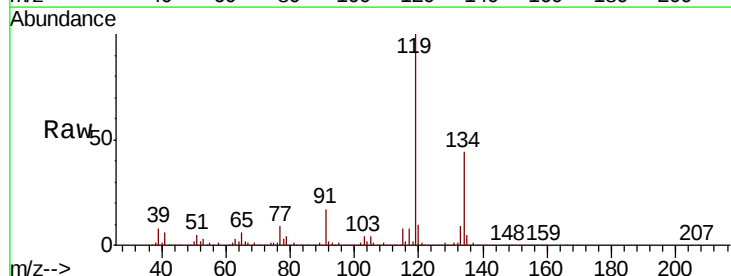
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

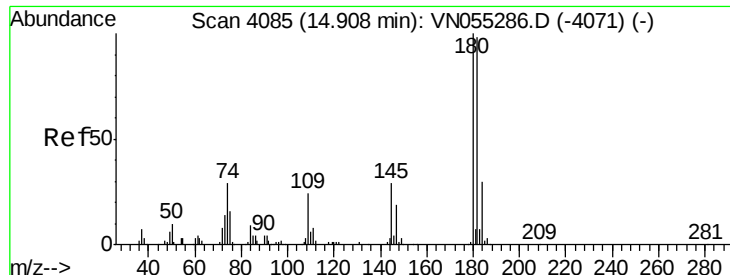
Tot Ion:146 Resp: 349866
 Ion Ratio Lower Upper
 146 100
 111 78.3 20.3 61.0#
 148 65.1 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 107.627 ug/l
 RT: 14.25 min Scan# 3881
 Delta R.T. -0.02 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Tgt Ion: 75 Resp: 80707
 Ion Ratio Lower Upper
 75 100
 155 37.1 41.5 124.6#
 157 46.6 54.0 162.2#

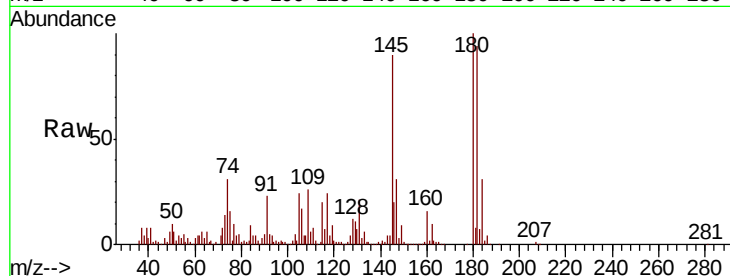




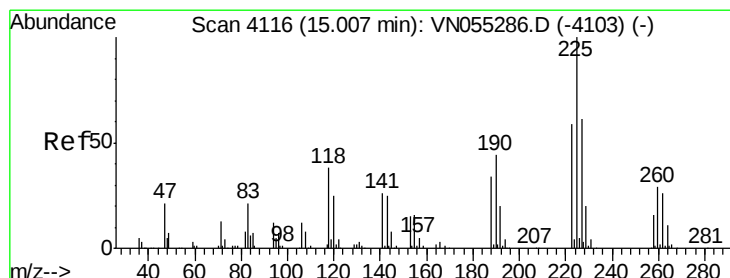
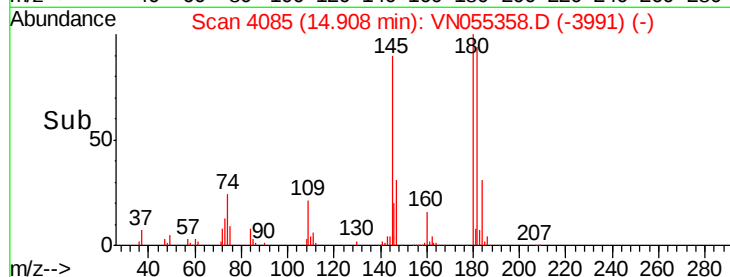
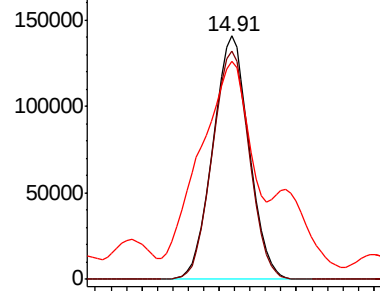
#93
 1,2,4-Trichlorobenzene
 Concen: 60.831 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

Tot Ion:180 Resp: 229570
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.3 144.9
 145 109.1 14.2 42.6#

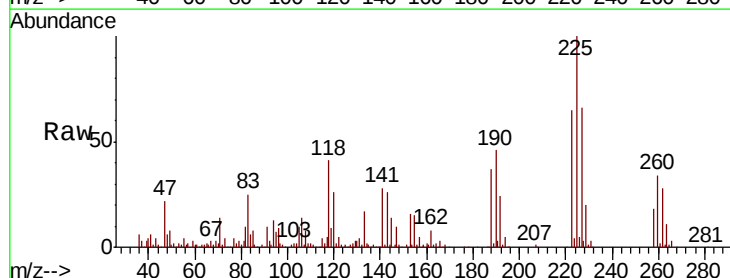


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

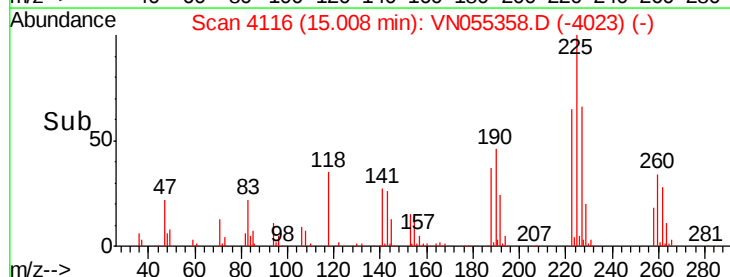
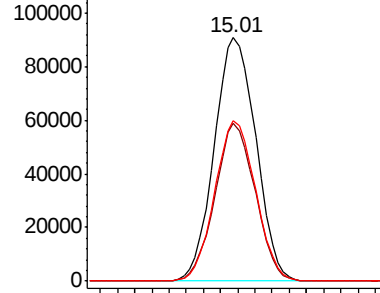


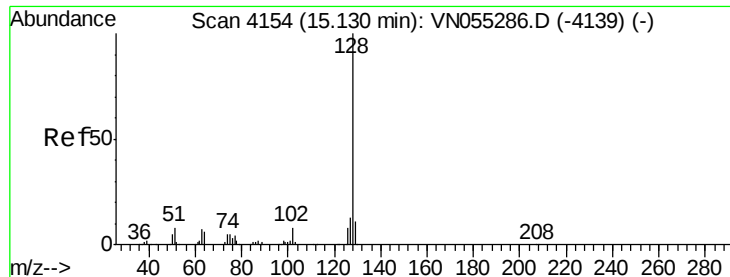
#94
 Hexachlorobutadiene
 Concen: 53.717 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055358.D
 Acq: 2 May 2019 18:50

Tgt Ion:225 Resp: 152211
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.3 90.8
 227 64.5 30.9 92.7



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: 250.864 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)MS

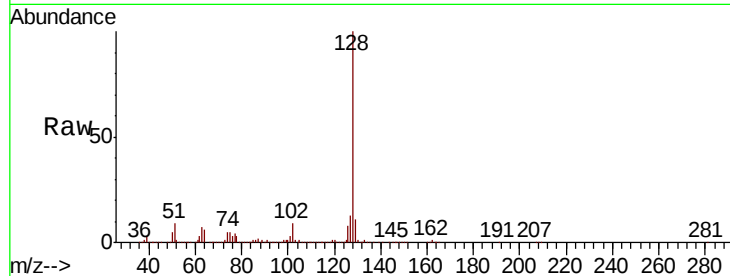
Tot Ion:128 Resp: 2101022

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

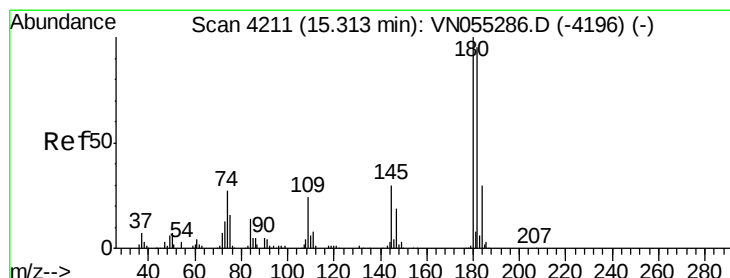
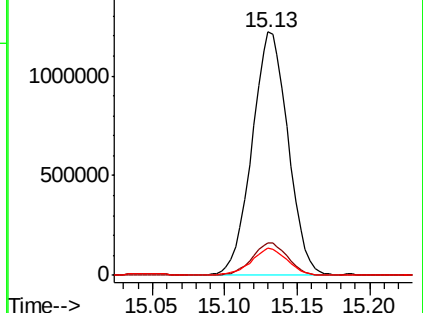
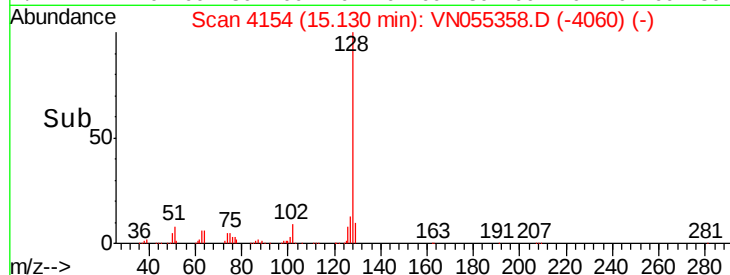
129 10.8 8.6 13.0



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: 58.891 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055358.D

Acq: 2 May 2019 18:50

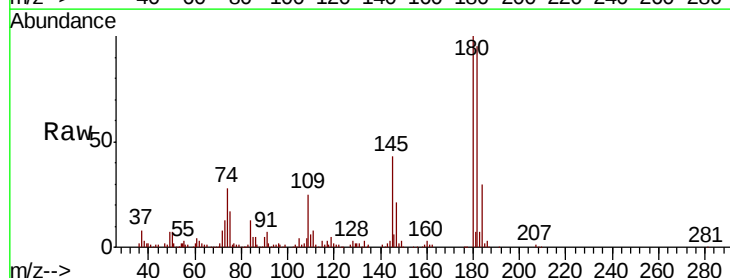
Tgt Ion:180 Resp: 217940

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.9

145 56.8 15.2 45.6#



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

