

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072719\
 Data File : VN056940.D
 Acq On : 26 Jul 2019 10:00
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 27 00:03:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 23:57:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	610540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	886826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	786815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	319071	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	128846	20.52	ug/l	0.00
Spiked Amount			Recovery	=	41.04%	
35) Dibromofluoromethane	7.57	113	116615	20.74	ug/l	0.00
Spiked Amount			Recovery	=	41.48%	
50) Toluene-d8	10.08	98	450759	21.10	ug/l	0.00
Spiked Amount			Recovery	=	42.20%	
62) 4-Bromofluorobenzene	12.39	95	142457	20.44	ug/l	0.00
Spiked Amount			Recovery	=	40.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.84	85	130667	20.286	ug/l	100
3) Chloromethane	2.05	50	143081	18.645	ug/l	99
4) Vinyl Chloride	2.18	62	133660	18.378	ug/l	98
5) Bromomethane	2.55	94	83355	18.973	ug/l	99
6) Chloroethane	2.69	64	73688	18.284	ug/l	99
7) Trichlorofluoromethane	3.00	101	174111	18.356	ug/l	96
8) Diethyl Ether	3.40	74	63308	17.825	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	110307	18.821	ug/l	98
10) Methyl Iodide	3.94	142	148655	17.546	ug/l	99
11) Tert butyl alcohol	4.76	59	73580	80.981	ug/l	99
12) 1,1-Dichloroethene	3.72	96	101755	18.066	ug/l	97
13) Acrolein	3.60	56	38662	77.249	ug/l	96
14) Allyl chloride	4.30	41	165264	18.054	ug/l	100
15) Acrylonitrile	4.97	53	234558	90.333	ug/l	98
16) Acetone	3.80	43	201806	93.219	ug/l	97
17) Carbon Disulfide	4.04	76	263054	17.413	ug/l	99
18) Methyl Acetate	4.31	43	128894	17.133	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	296985	17.851	ug/l	99
20) Methylene Chloride	4.54	84	117743	17.544	ug/l	99
21) trans-1,2-Dichloroethene	5.02	96	106940	17.752	ug/l	100
22) Diisopropyl ether	5.93	45	346041	18.624	ug/l	99
23) Vinyl Acetate	5.88	43	1167893	90.740	ug/l	99
24) 1,1-Dichloroethane	5.83	63	199254	18.223	ug/l	99
25) 2-Butanone	6.82	43	296808	89.344	ug/l	99
26) 2,2-Dichloropropane	6.81	77	145694	18.119	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	126261	18.362	ug/l	99
28) Bromochloromethane	7.18	49	107025	21.330	ug/l	97
29) Tetrahydrofuran	7.19	42	190474	87.651	ug/l	99
30) Chloroform	7.36	83	197750	17.567	ug/l	100
31) Cyclohexane	7.64	56	189264	17.795	ug/l	94
32) 1,1,1-Trichloroethane	7.55	97	162011	18.005	ug/l	99
36) 1,1-Dichloropropene	7.78	75	148881	18.602	ug/l	99
37) Ethyl Acetate	6.91	43	116220	17.687	ug/l	99
38) Carbon Tetrachloride	7.76	117	137782	18.080	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072719\
 Data File : VN056940.D
 Acq On : 26 Jul 2019 10:00
 Operator : JC/SP
 Sample : VSTDICC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 27 00:03:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 23:57:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	192980	19.723	ug/l	98
40) Benzene	8.03	78	459134	18.469	ug/l	98
41) Methacrylonitrile	7.19	41	172493	59.014	ug/l #	12
42) 1,2-Dichloroethane	8.11	62	142011	18.523	ug/l	99
43) Isopropyl Acetate	8.15	43	193455	17.998	ug/l #	92
44) Trichloroethene	8.82	130	128463	19.012	ug/l	97
45) 1,2-Dichloropropane	9.11	63	122400	18.364	ug/l	99
46) Dibromomethane	9.20	93	75150	18.669	ug/l	99
47) Bromodichloromethane	9.39	83	143146	18.194	ug/l	100
48) Methyl methacrylate	9.19	41	92351	17.991	ug/l	96
49) 1,4-Dioxane	9.19	88	41543	391.120	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	587155	91.878	ug/l	99
52) Toluene	10.15	92	288277	19.384	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	145583	18.301	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	177582	19.028	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	111404	18.609	ug/l	98
56) Ethyl methacrylate	10.42	69	148270	18.351	ug/l	99
57) 1,3-Dichloropropane	10.70	76	185161	18.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	299464	93.347	ug/l	99
59) 2-Hexanone	10.74	43	404160	92.051	ug/l	99
60) Dibromochloromethane	10.89	129	113433	18.568	ug/l	100
61) 1,2-Dibromoethane	11.00	107	111183	18.771	ug/l	100
64) Tetrachloroethene	10.62	164	132725	18.885	ug/l	99
65) Chlorobenzene	11.43	112	304026	18.729	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	113435	18.718	ug/l	99
67) Ethyl Benzene	11.50	91	530708	18.995	ug/l	100
68) m/p-Xylenes	11.61	106	399659	38.407	ug/l	99
69) o-Xylene	11.94	106	195178	19.169	ug/l	99
70) Styrene	11.96	104	312529	19.376	ug/l	100
71) Bromoform	12.12	173	75935	17.854	ug/l #	99
73) Isopropylbenzene	12.24	105	516096	18.047	ug/l	99
74) N-amyl acetate	12.06	43	142709	16.899	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	142240	17.069	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	166864	26.709	ug/l #	100
77) Bromobenzene	12.52	156	135281	18.472	ug/l	97
78) n-propylbenzene	12.58	91	556613	18.421	ug/l	99
79) 2-Chlorotoluene	12.67	91	339093	18.026	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	432349	18.307	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	34661	17.108	ug/l	93
82) 4-Chlorotoluene	12.77	91	324738	18.811	ug/l	100
83) tert-Butylbenzene	12.99	119	373647	17.932	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	423398	18.955	ug/l	99
85) sec-Butylbenzene	13.17	105	489553	18.606	ug/l	100
86) p-Isopropyltoluene	13.28	119	436475	18.748	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	210164	19.208	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	196969	18.744	ug/l	98
89) n-Butylbenzene	13.61	91	325813	18.107	ug/l	100
90) Hexachloroethane	13.87	117	72362	17.449	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	209310	18.871	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20377	17.900	ug/l	96

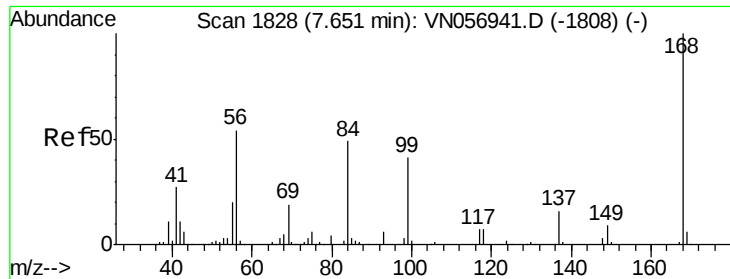
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072719\
Data File : VN056940.D
Acq On : 26 Jul 2019 10:00
Operator : JC/SP
Sample : VSTDICC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Quant Time: Jul 27 00:03:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 26 23:57:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	89261	19.284	ug/l	99
94) Hexachlorobutadiene	15.00	225	81184	18.042	ug/l	97
95) Naphthalene	15.12	128	184131	15.969	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	94981	19.117	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

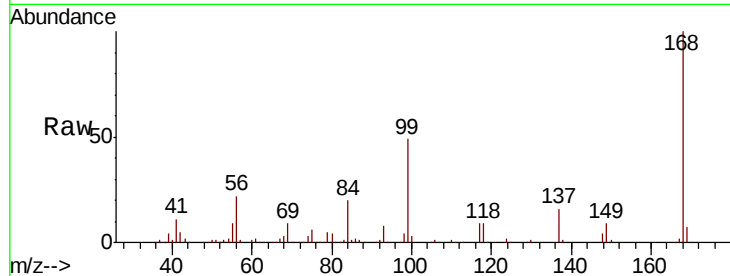
VSTDIC020

Tot Ion:168 Resp: 610540

Ion Ratio Lower Upper

168 100

99 48.9 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

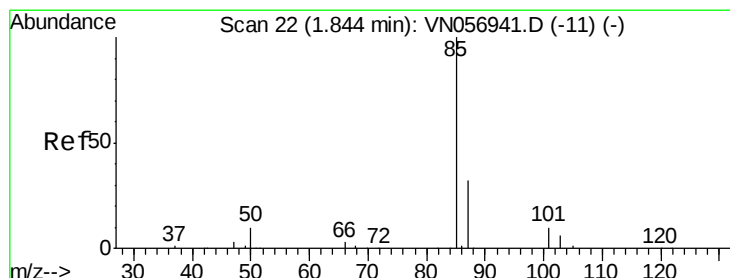
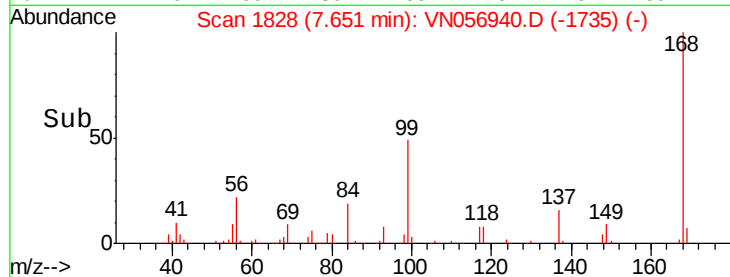
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.286 ug/l

RT: 1.84 min Scan# 22

Delta R.T. 0.00 min

Lab File: VN056940.D

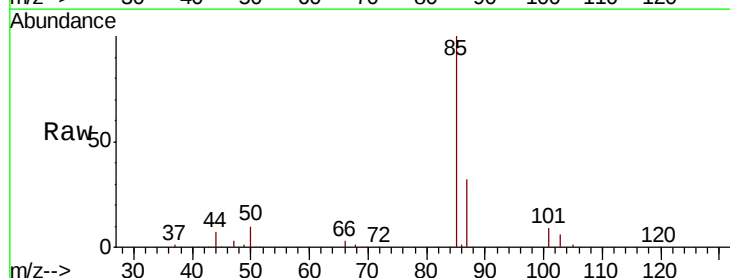
Acq: 26 Jul 2019 10:00

Tgt Ion: 85 Resp: 130667

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.84

100000

80000

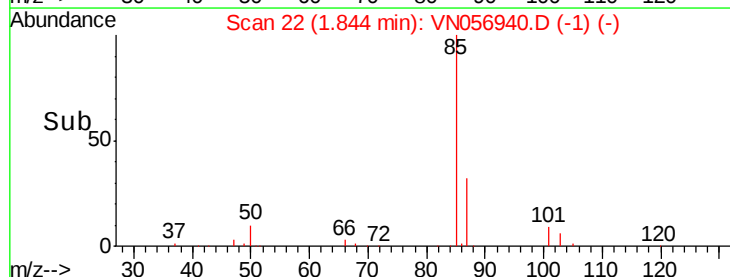
60000

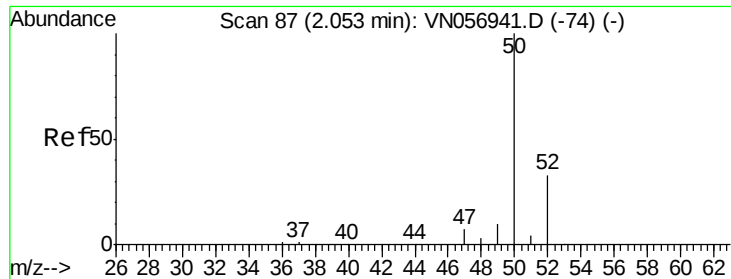
40000

20000

0

Time-->





#3

Chloromethane

Concen: 18.645 ug/l

RT: 2.05 min Scan# 87

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

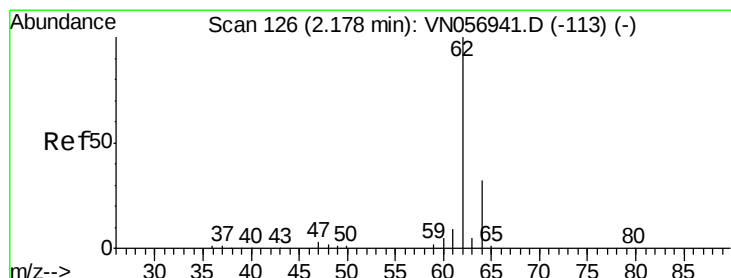
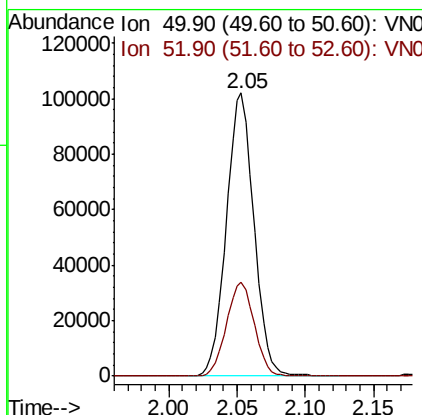
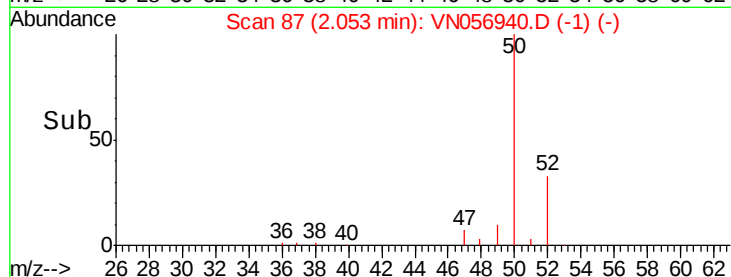
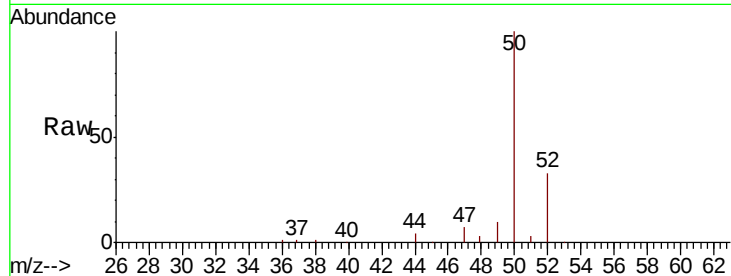
VSTDIC020

Tot Ion: 50 Resp: 143081

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.2



#4

Vinyl Chloride

Concen: 18.378 ug/l

RT: 2.18 min Scan# 126

Delta R.T. 0.00 min

Lab File: VN056940.D

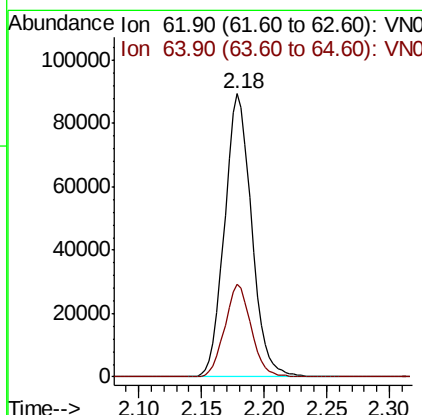
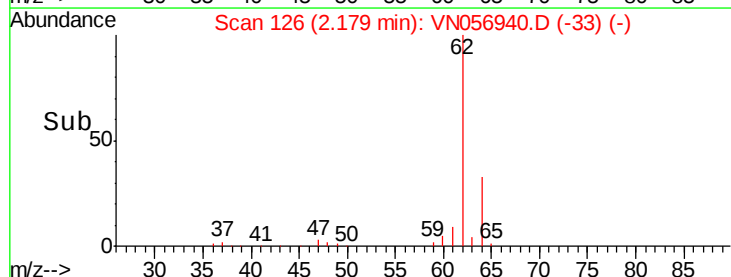
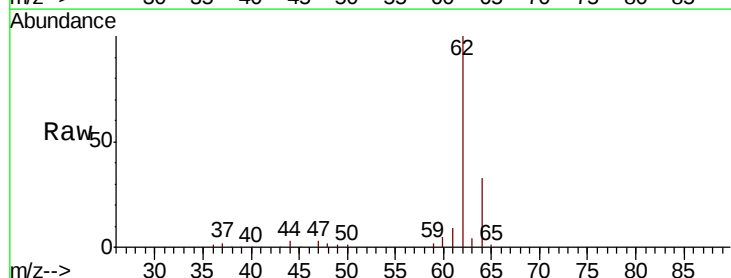
Acq: 26 Jul 2019 10:00

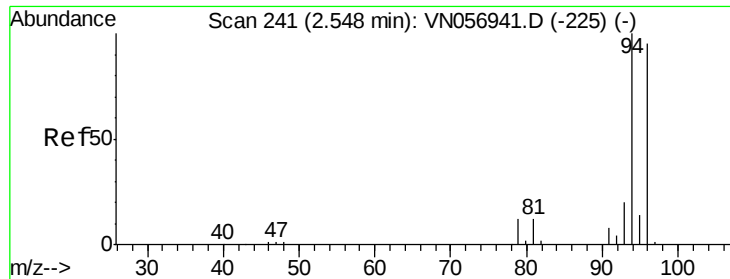
Tgt Ion: 62 Resp: 133660

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0

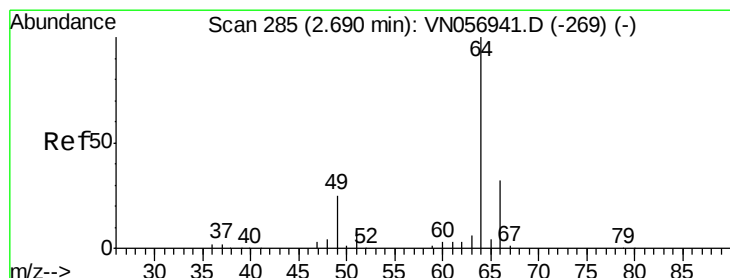
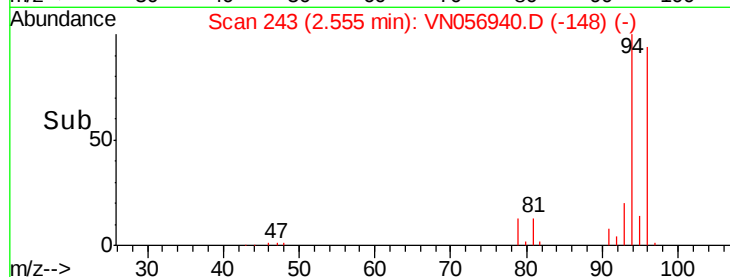
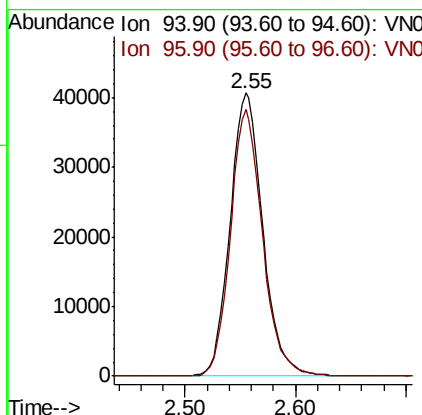
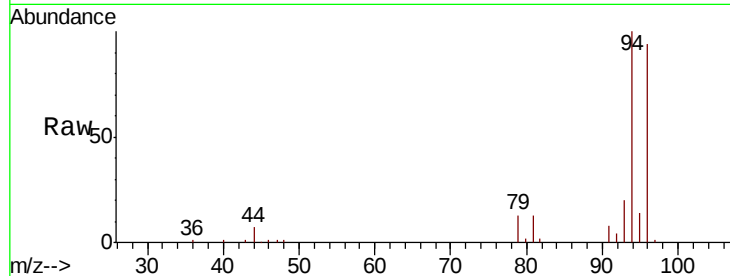




#5
Bromomethane
Concen: 18.973 ug/l
RT: 2.55 min Scan# 243
Delta R.T. 0.01 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

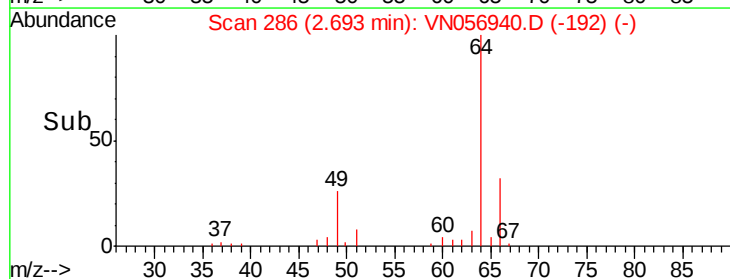
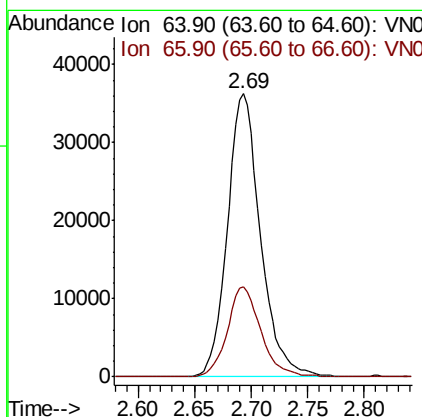
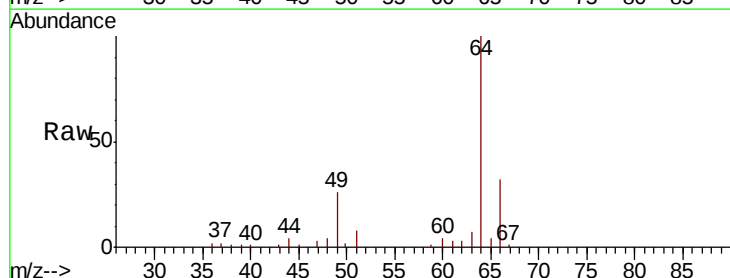
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

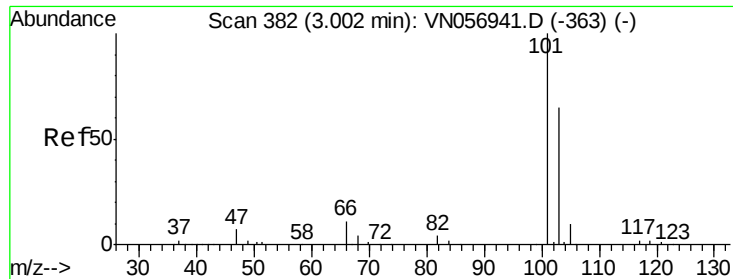
Tot Ion: 94 Resp: 83355
Ion Ratio Lower Upper
94 100
96 94.0 76.2 114.2



#6
Chloroethane
Concen: 18.284 ug/l
RT: 2.69 min Scan# 286
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Tgt Ion: 64 Resp: 73688
Ion Ratio Lower Upper
64 100
66 32.0 25.8 38.8



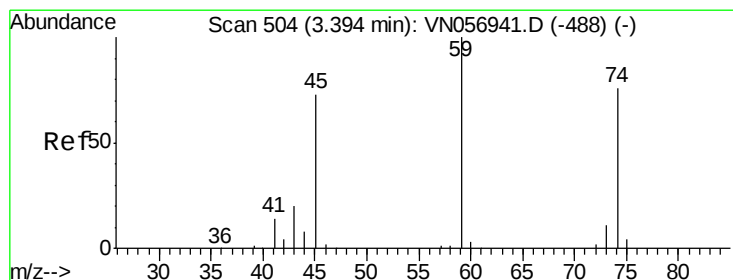
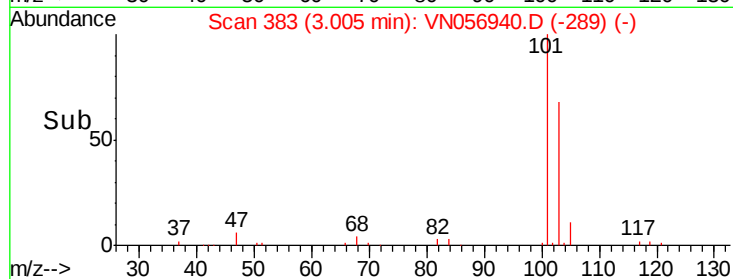
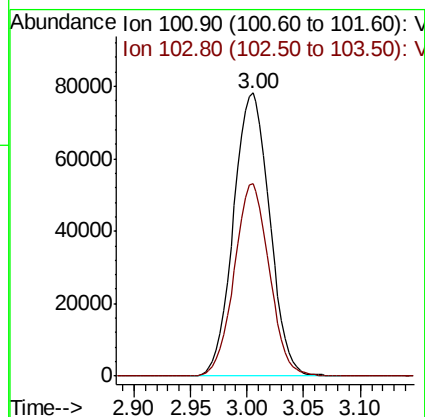
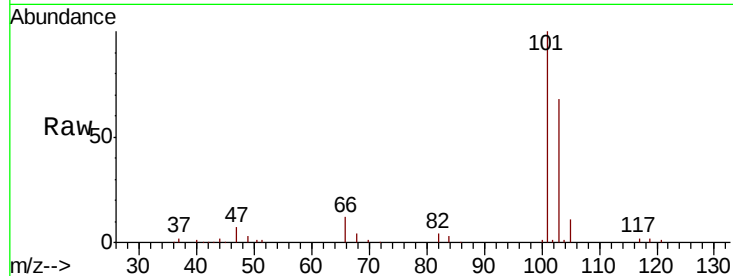


#7

Trichlorofluoromethane
Concen: 18.356 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

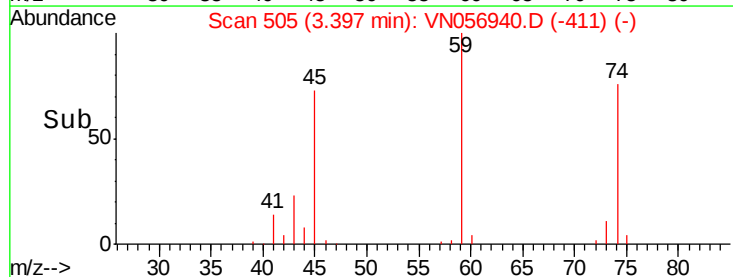
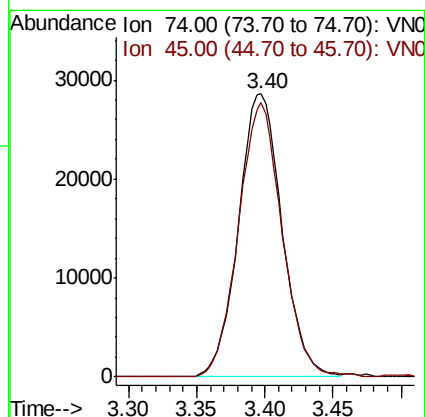
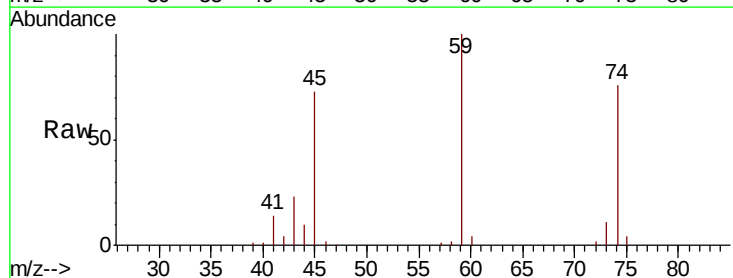
Tot Ion:101 Resp: 174111
Ion Ratio Lower Upper
101 100
103 68.0 52.1 78.1

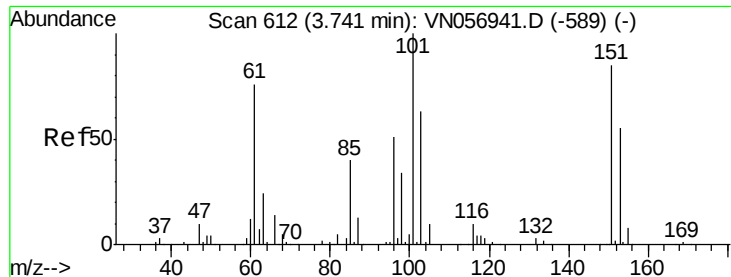


#8

Diethyl Ether
Concen: 17.825 ug/l
RT: 3.40 min Scan# 505
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Tgt Ion: 74 Resp: 63308
Ion Ratio Lower Upper
74 100
45 96.8 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.821 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

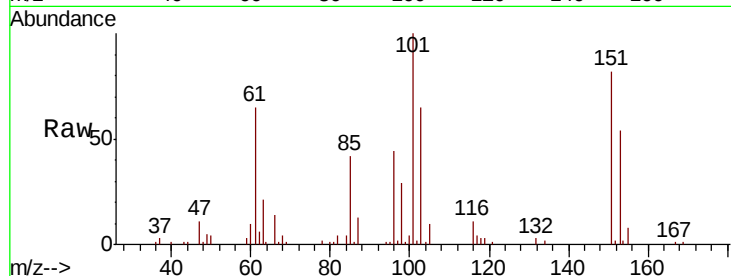
Tot Ion:101 Resp: 110307

Ion Ratio Lower Upper

101 100

85 40.6 32.3 48.5

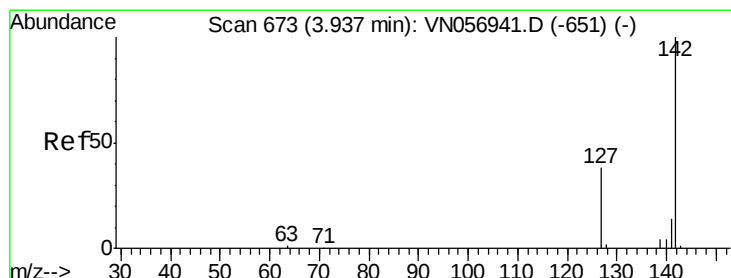
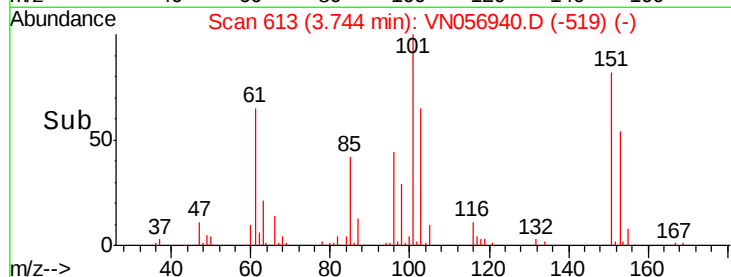
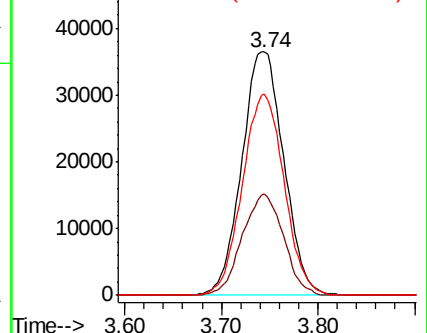
151 82.0 68.0 102.0



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: 17.546 ug/l

RT: 3.94 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

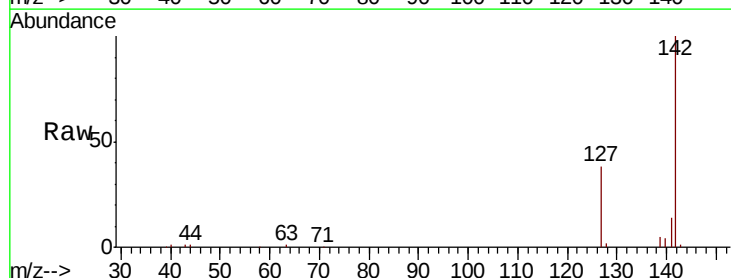
Tgt Ion:142 Resp: 148655

Ion Ratio Lower Upper

142 100

127 38.4 30.4 45.6

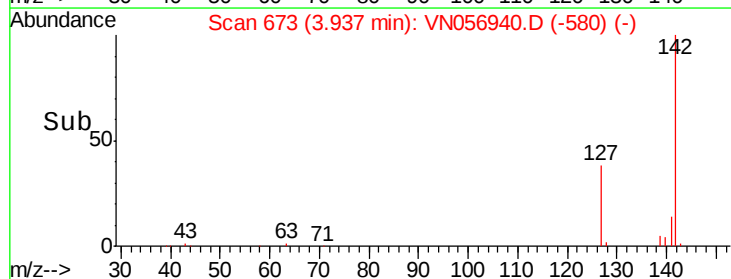
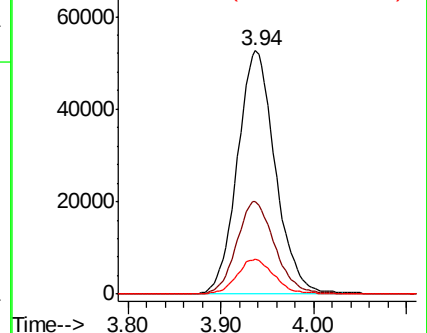
141 14.1 11.1 16.7

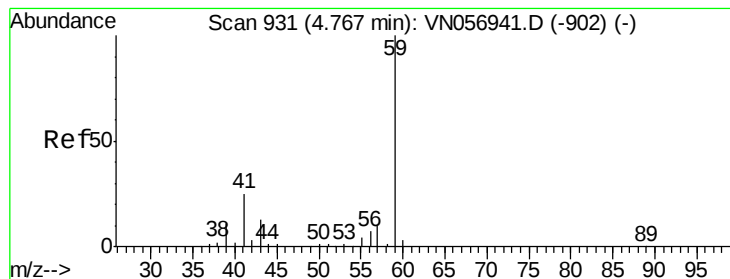


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



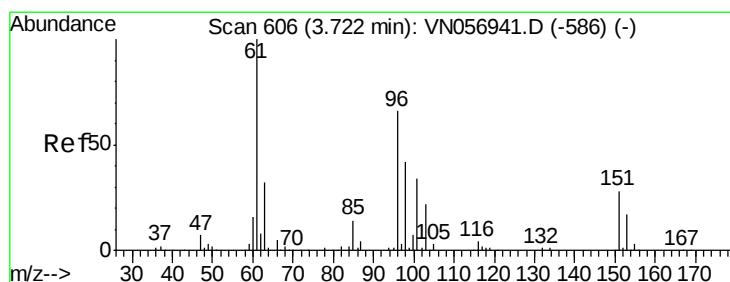
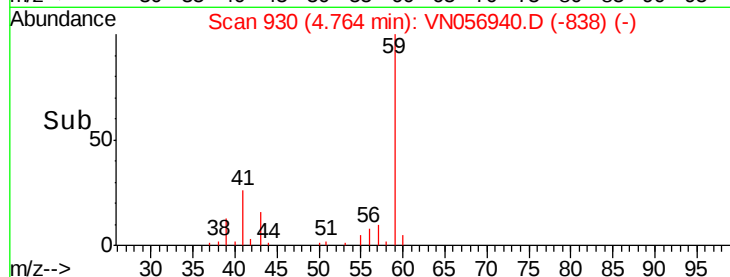
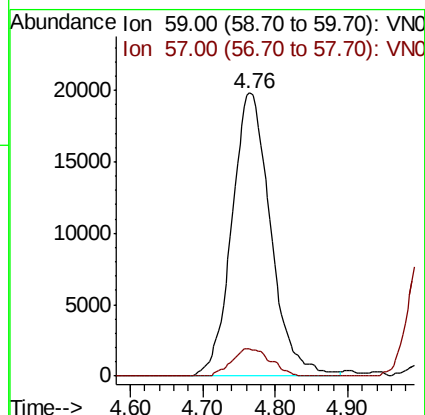
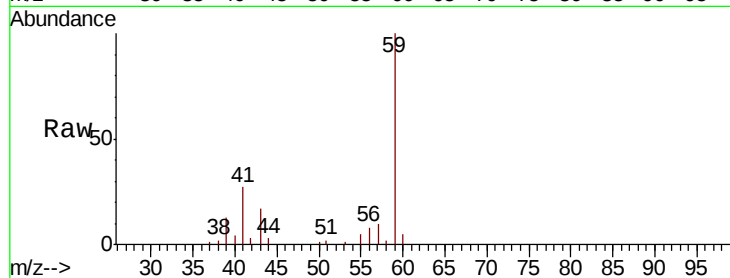


#11

Tert butyl alcohol
 Concen: 80.981 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

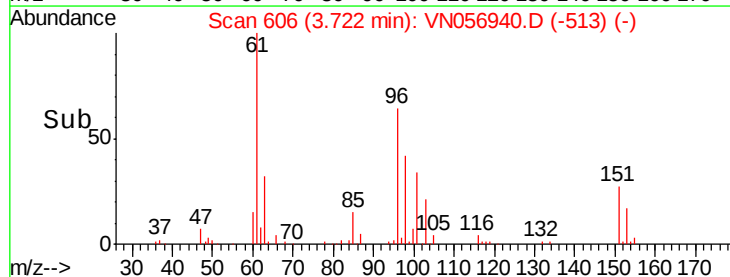
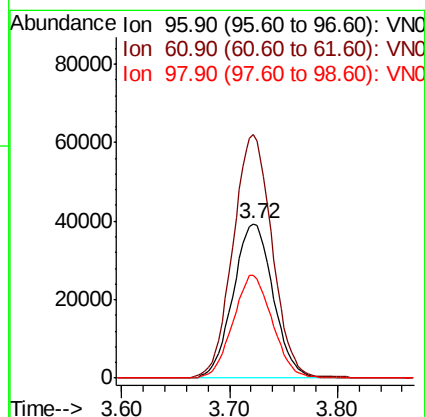
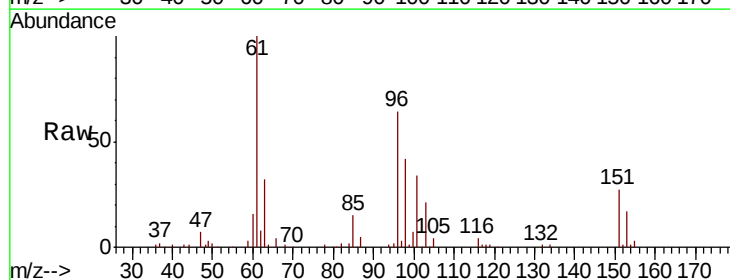
Tot Ion: 59 Resp: 73580
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.5 11.3

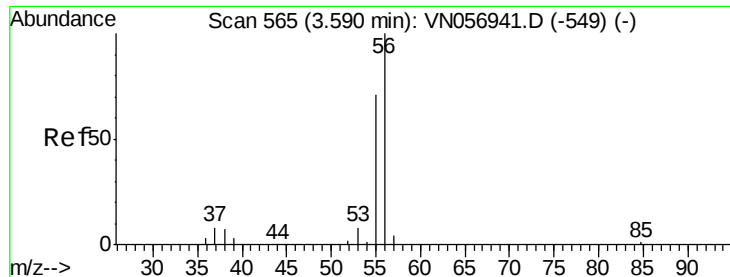


#12

1,1-Dichloroethene
 Concen: 18.066 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

Tgt Ion: 96 Resp: 101755
 Ion Ratio Lower Upper
 96 100
 61 156.9 121.8 182.8
 98 66.6 51.7 77.5





#13

Acrolein

Concen: 77.249 ug/l

RT: 3.60 min Scan# 567

Delta R.T. 0.01 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

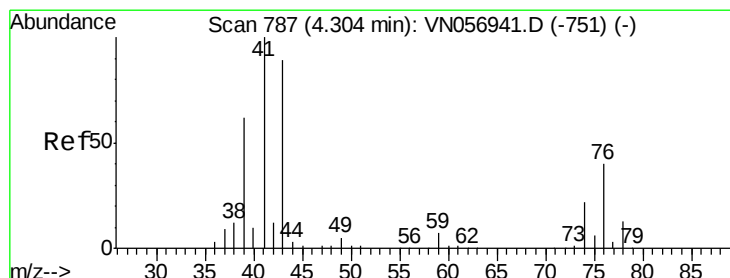
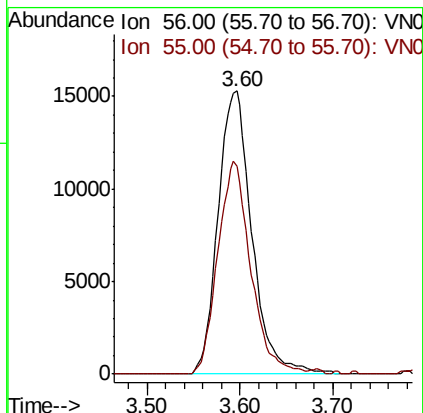
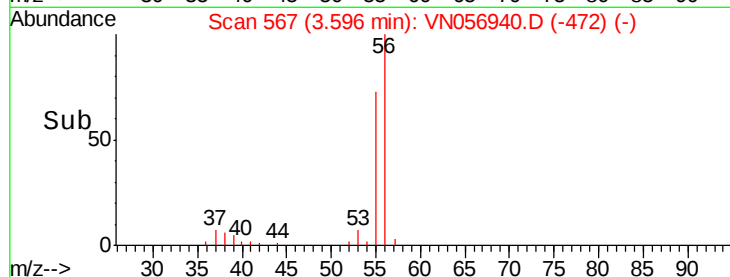
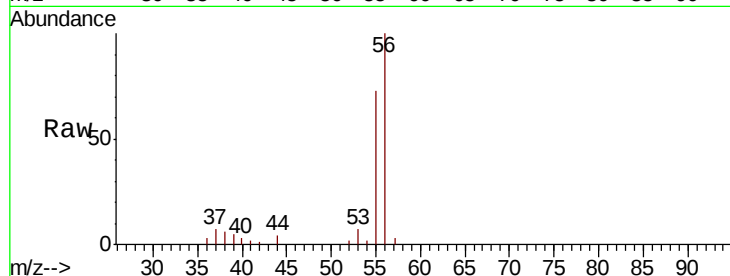
VSTDIC020

Tot Ion: 56 Resp: 38662

Ion Ratio Lower Upper

56 100

55 73.4 55.8 83.6



#14

Allyl chloride

Concen: 18.054 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

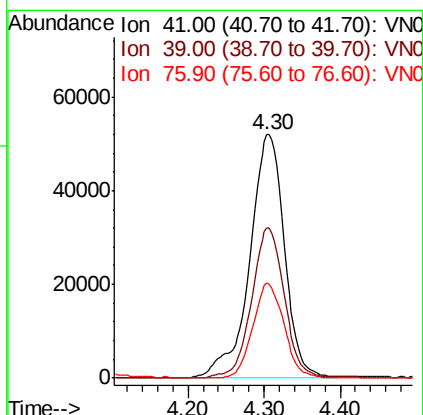
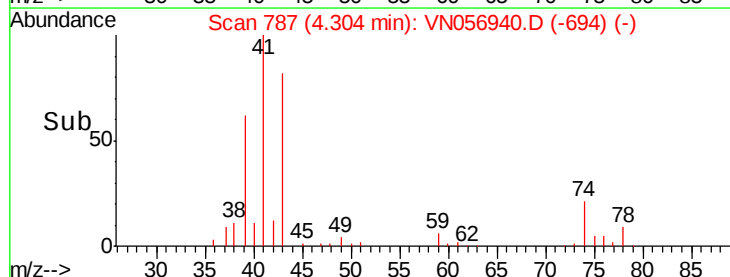
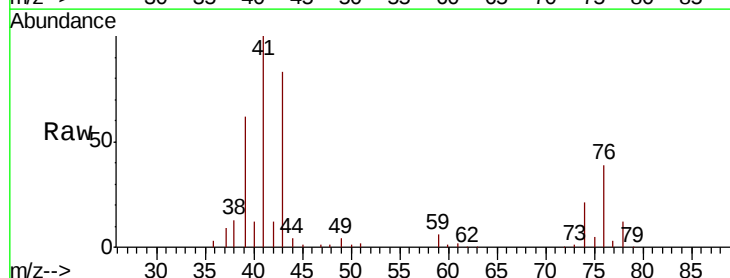
Tgt Ion: 41 Resp: 165264

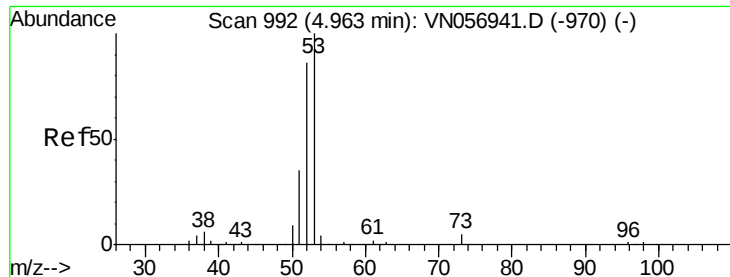
Ion Ratio Lower Upper

41 100

39 58.1 46.4 69.6

76 34.9 28.4 42.6





#15

Acrylonitrile

Concen: 90.333 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

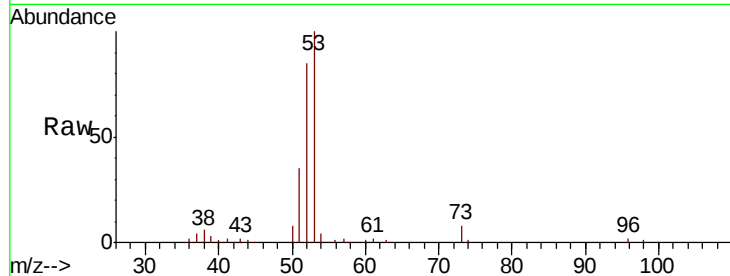
Tot Ion: 53 Resp: 234558

Ion Ratio Lower Upper

53 100

52 81.3 66.5 99.7

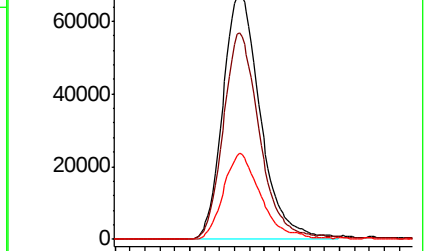
51 35.1 28.4 42.6



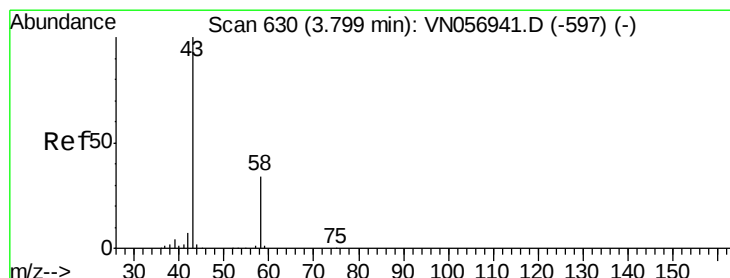
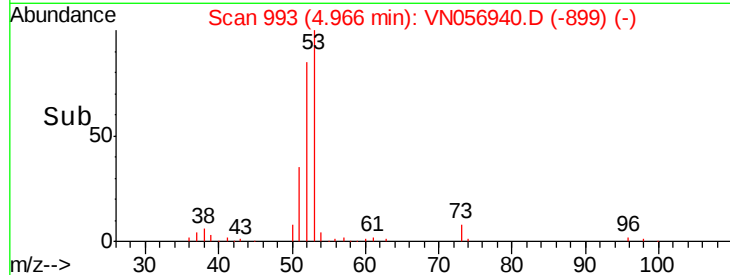
Abundance Ion 53.00 (52.70 to 53.70): VN056940.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN056940.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN056940.D (-970) (-)



Time-->



#16

Acetone

Concen: 93.219 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN056940.D

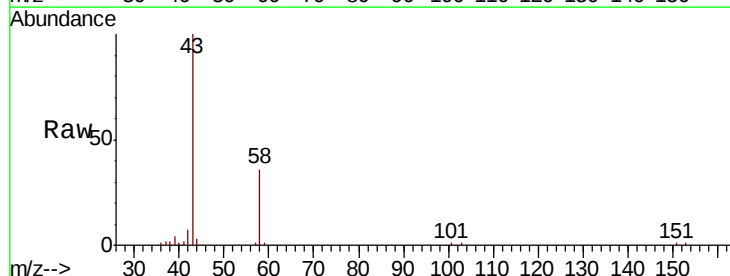
Acq: 26 Jul 2019 10:00

Tgt Ion: 43 Resp: 201806

Ion Ratio Lower Upper

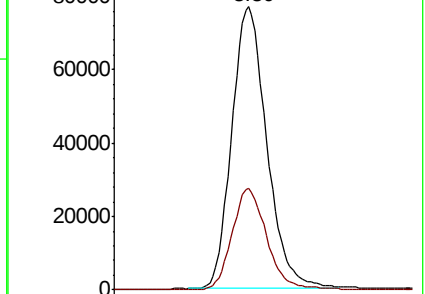
43 100

58 35.9 27.2 40.8

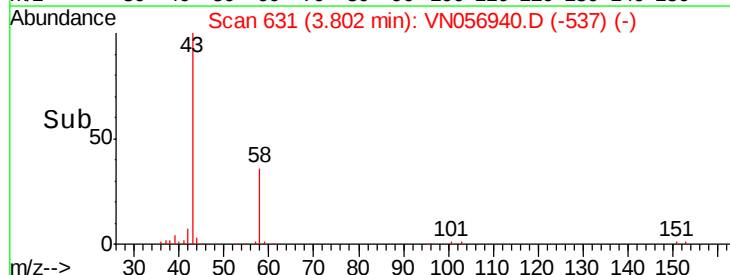


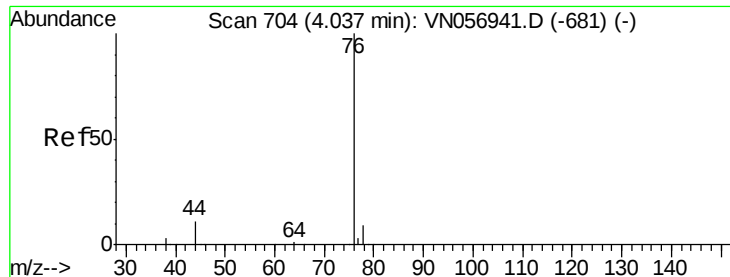
Abundance Ion 43.00 (42.70 to 43.70): VN056940.D (-537) (-)

Ion 58.00 (57.70 to 58.70): VN056940.D (-537) (-)



Time-->





#17

Carbon Disulfide

Concen: 17.413 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

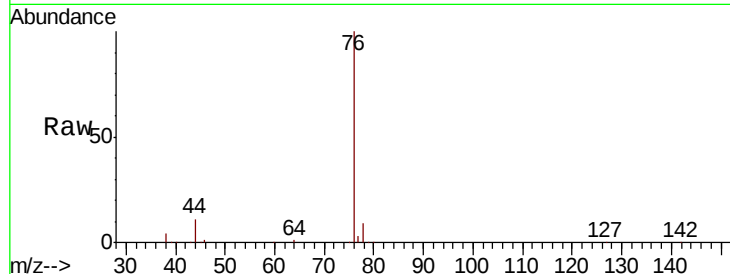
VSTDIC020

Tot Ion: 76 Resp: 263054

Ion Ratio Lower Upper

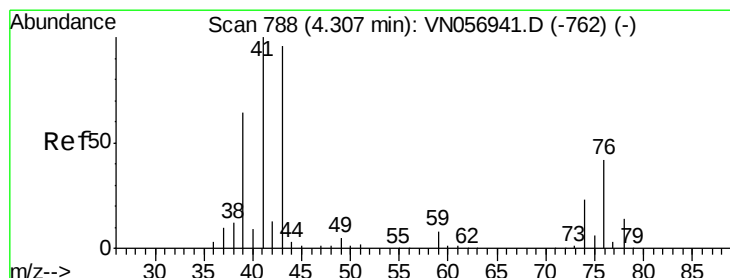
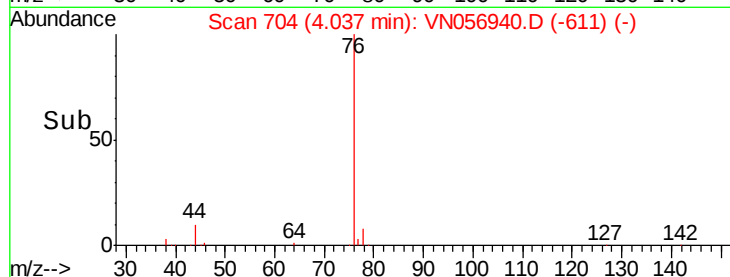
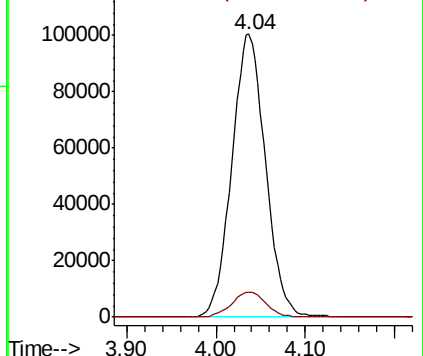
76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 17.133 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN056940.D

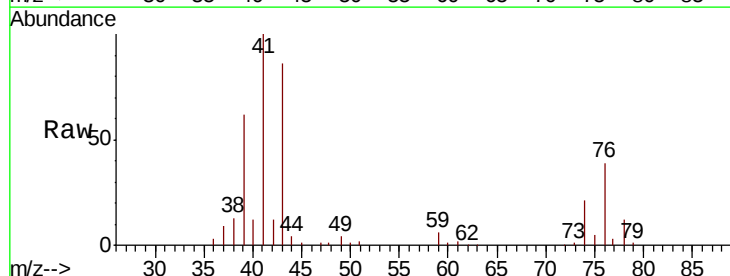
Acq: 26 Jul 2019 10:00

Tgt Ion: 43 Resp: 128894

Ion Ratio Lower Upper

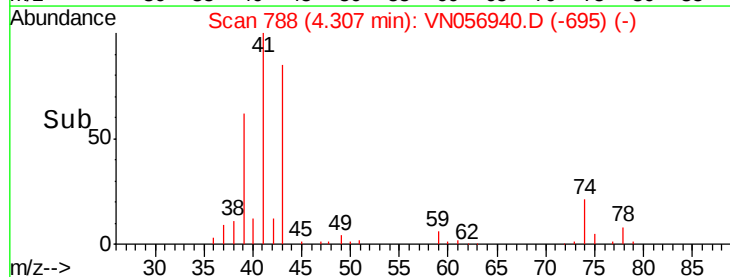
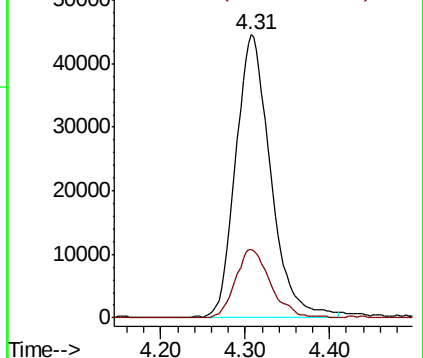
43 100

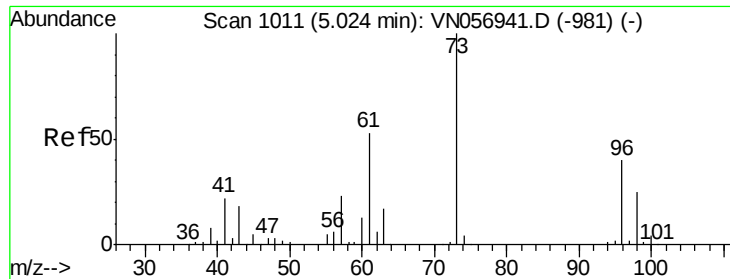
74 24.2 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

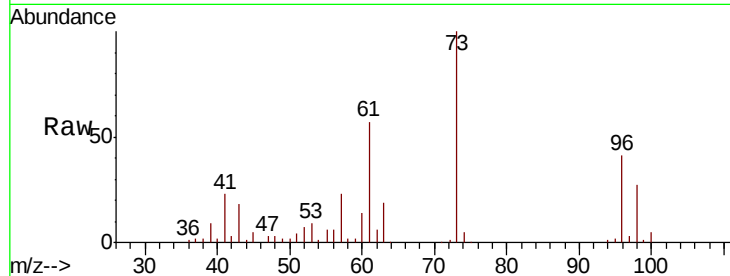




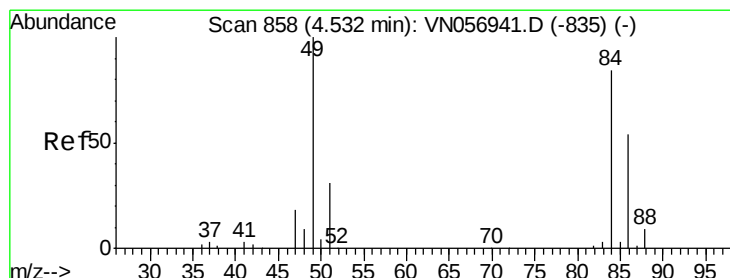
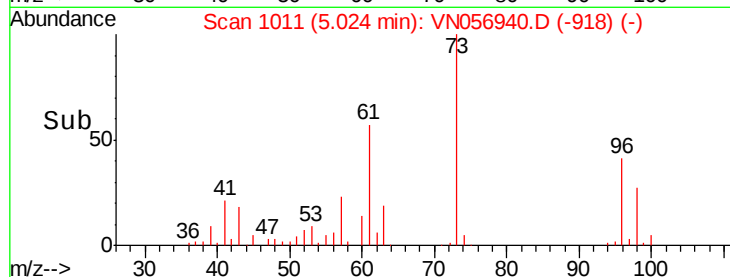
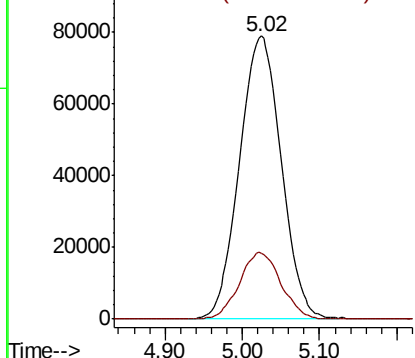
#19
Methvl tert-butvl Ether
Concen: 17.851 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 73 Resp: 296985
Ion Ratio Lower Upper
73 100
57 23.2 18.3 27.5

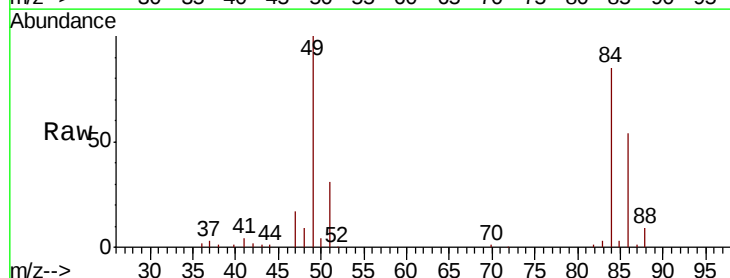


Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

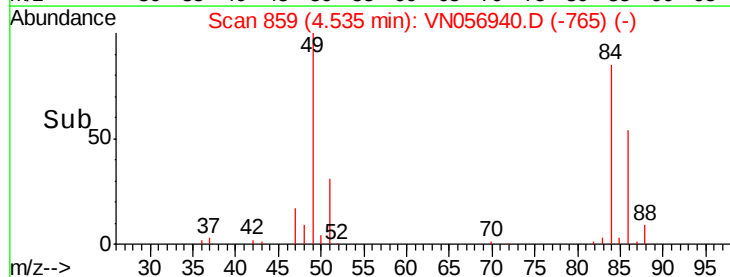
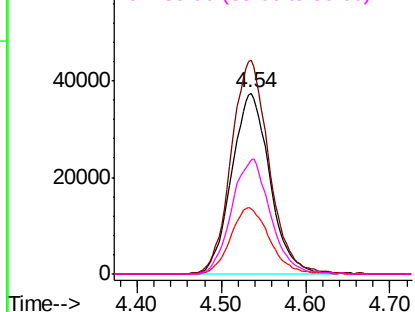


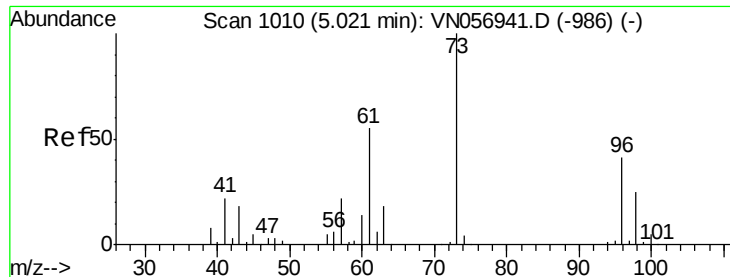
#20
Methylene Chloride
Concen: 17.544 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Tgt Ion: 84 Resp: 117743
Ion Ratio Lower Upper
84 100
49 118.3 95.2 142.8
51 36.4 29.7 44.5
86 63.3 51.0 76.6



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

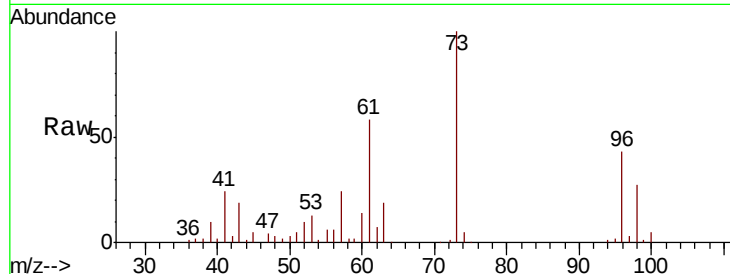




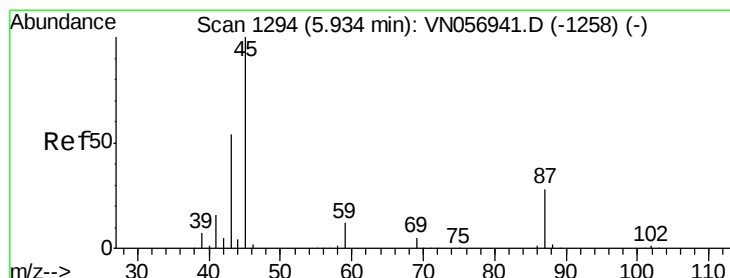
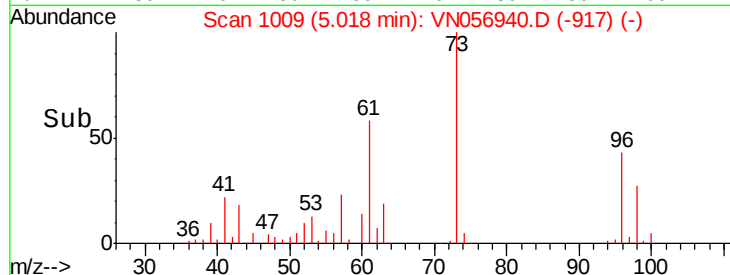
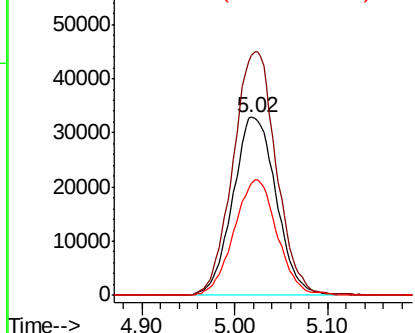
#21
trans-1,2-Dichloroethene
Concen: 17.752 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 96 Resp: 106940
Ion Ratio Lower Upper
96 100
61 134.3 107.5 161.3
98 62.6 49.9 74.9

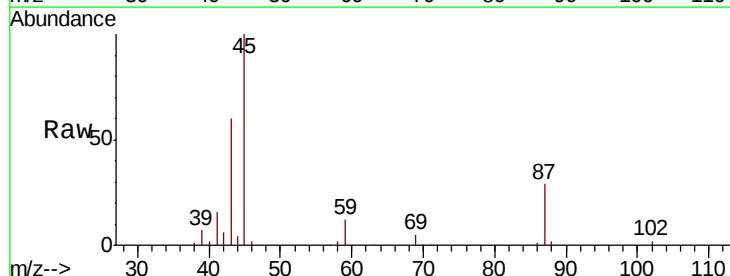


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

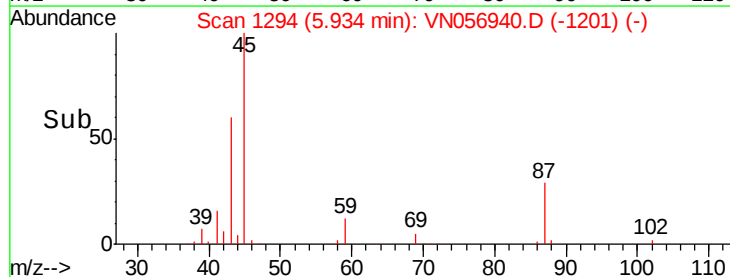
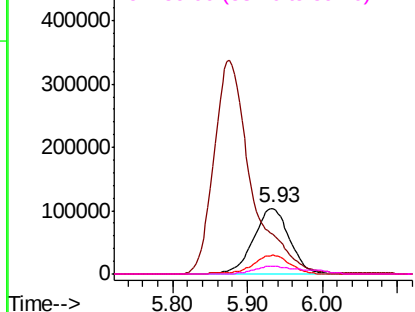


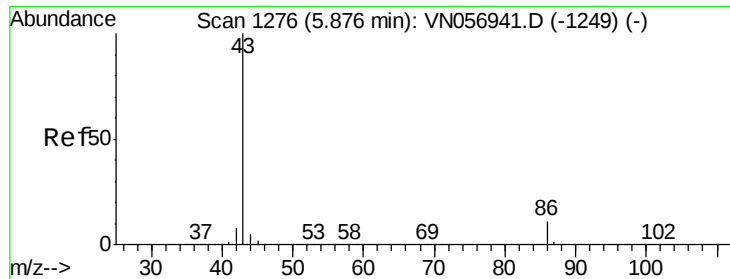
#22
Diisopropyl ether
Concen: 18.624 ug/l
RT: 5.93 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Tgt Ion: 45 Resp: 346041
Ion Ratio Lower Upper
45 100
43 57.7 44.7 67.1
87 28.8 23.0 34.6
59 12.1 9.8 14.8



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: 90.740 ug/l

RT: 5.88 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

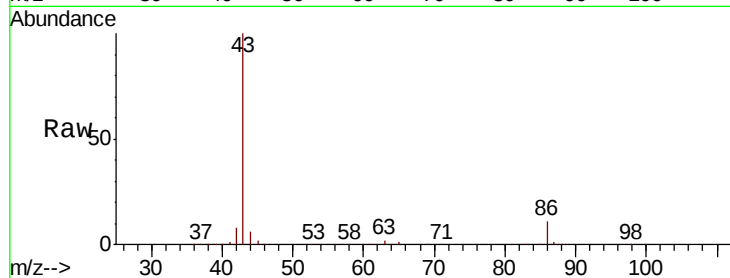
VSTDIC020

Tot Ion: 43 Resp: 1167893

Ion Ratio Lower Upper

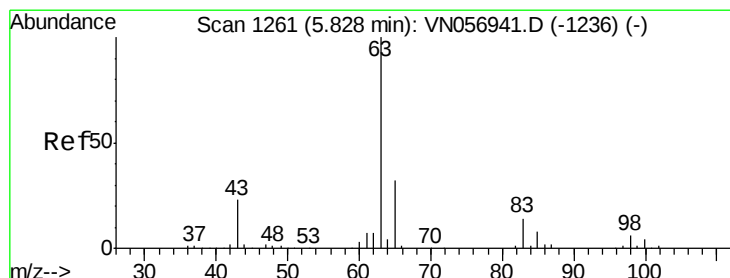
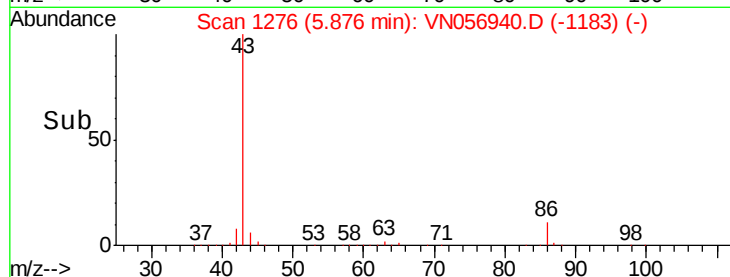
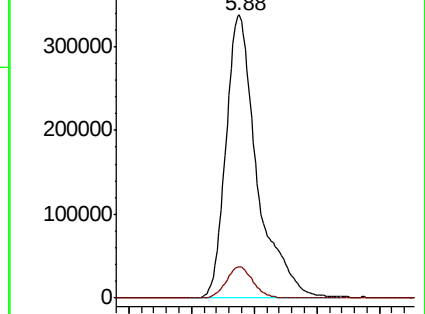
43 100

86 11.1 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN056940.D (-1183) (-)

Ion 86.00 (85.70 to 86.70): VN056940.D (-1183) (-)



#24

1,1-Dichloroethane

Concen: 18.223 ug/l

RT: 5.83 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

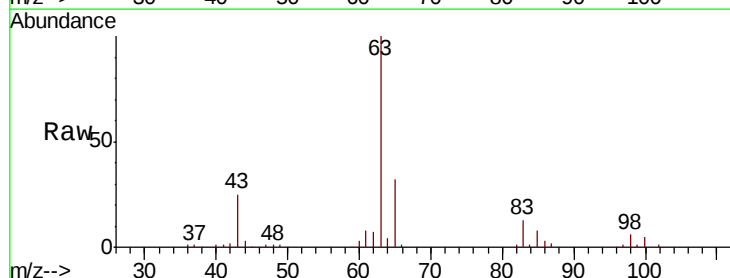
Tgt Ion: 63 Resp: 199254

Ion Ratio Lower Upper

63 100

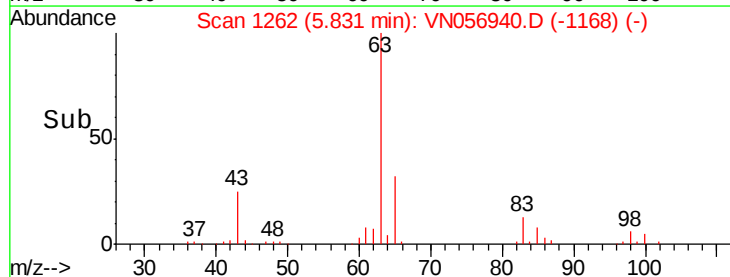
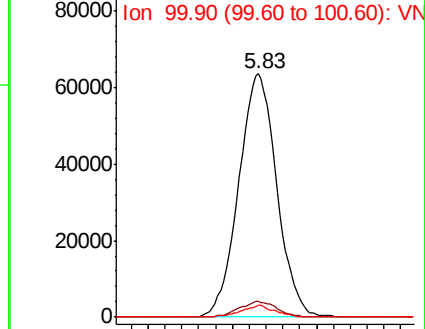
98 6.5 3.2 9.6

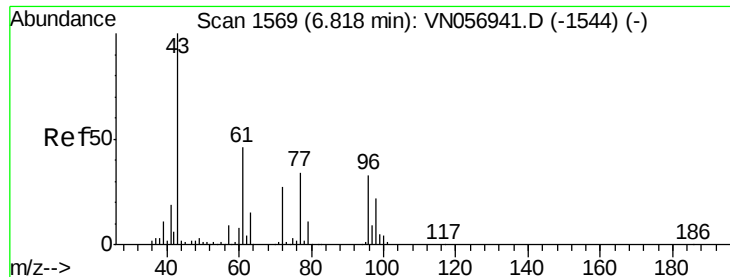
100 4.7 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN056940.D (-1168) (-)

Ion 97.90 (97.60 to 98.60): VN056940.D (-1168) (-)

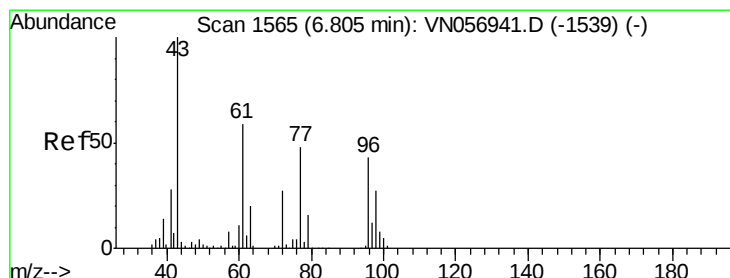
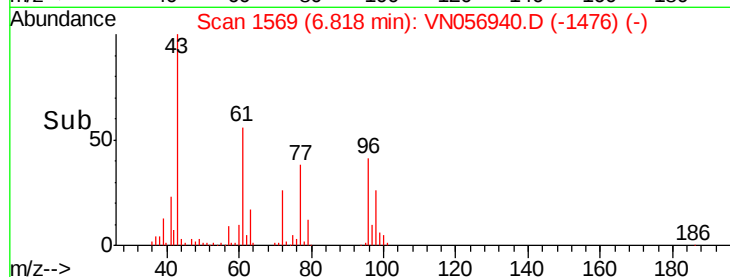
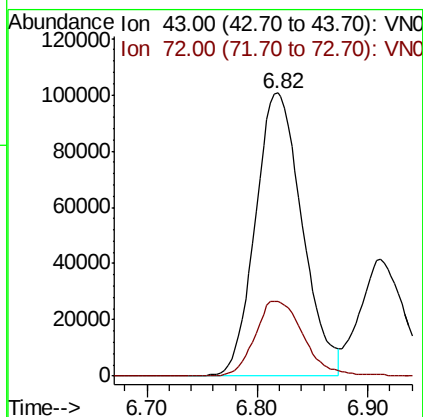
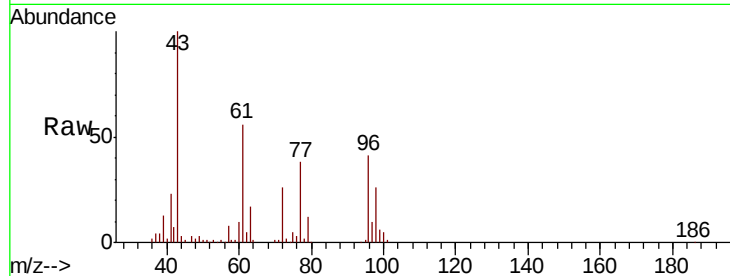




#25
 2-Butanone
 Concen: 89.344 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

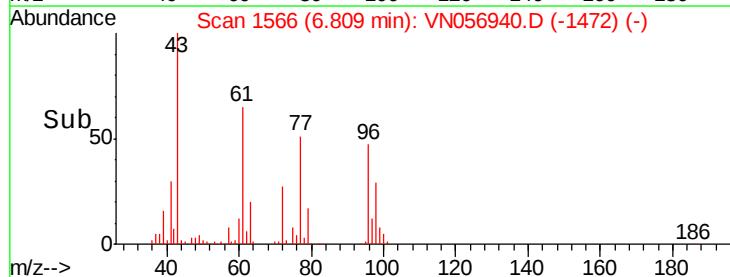
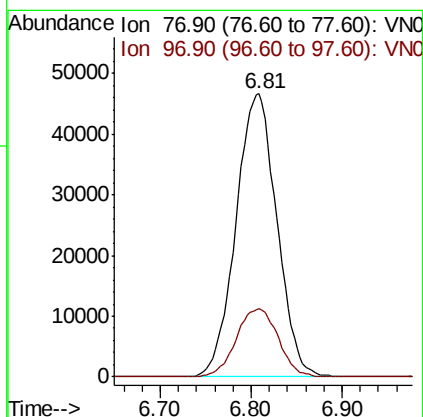
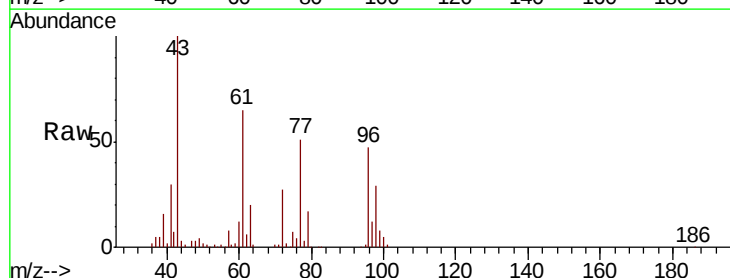
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

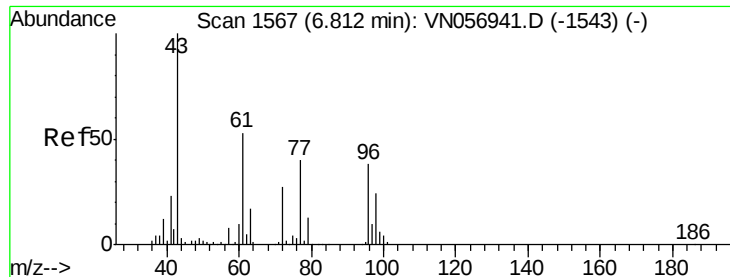
Tot Ion: 43 Resp: 296808
 Ion Ratio Lower Upper
 43 100
 72 26.3 21.5 32.3



#26
 2,2-Dichloropropane
 Concen: 18.119 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

Tgt Ion: 77 Resp: 145694
 Ion Ratio Lower Upper
 77 100
 97 24.7 12.2 36.6

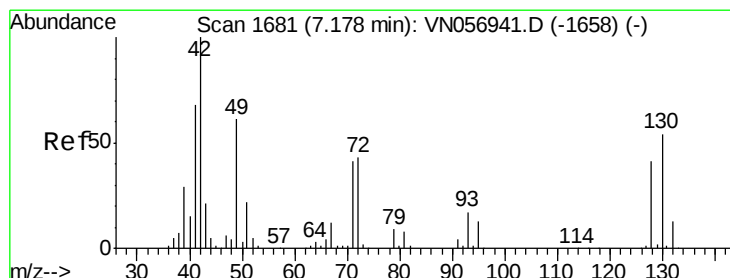
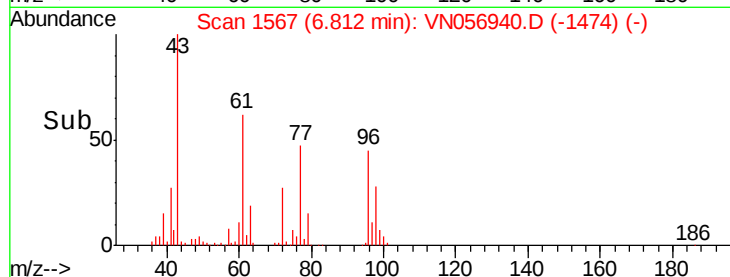
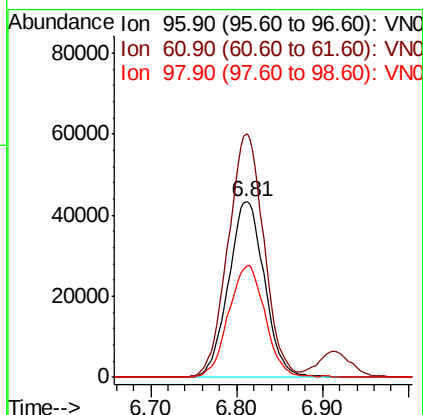
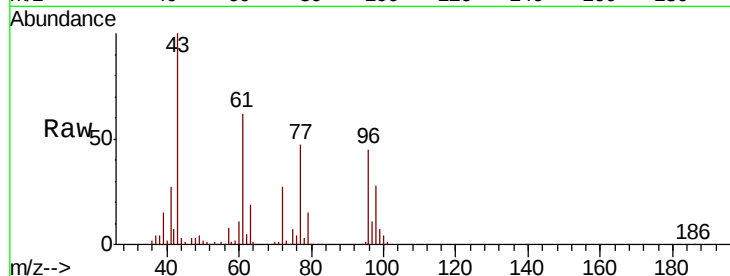




#27
 cis-1,2-Dichloroethene
 Concen: 18.362 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

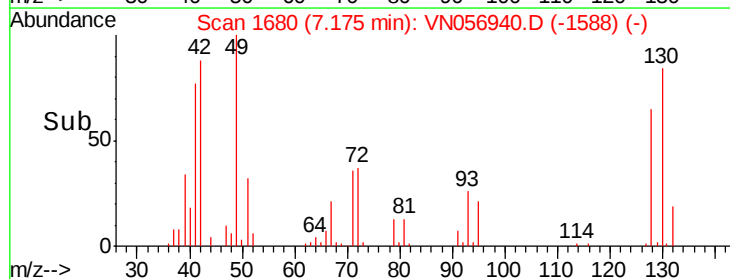
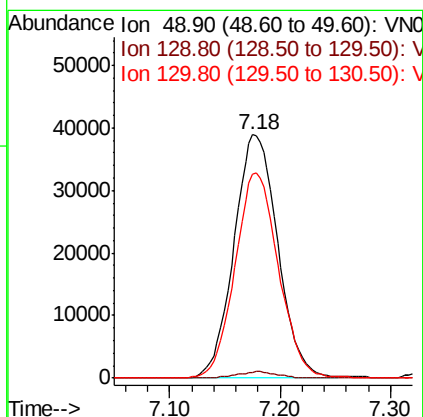
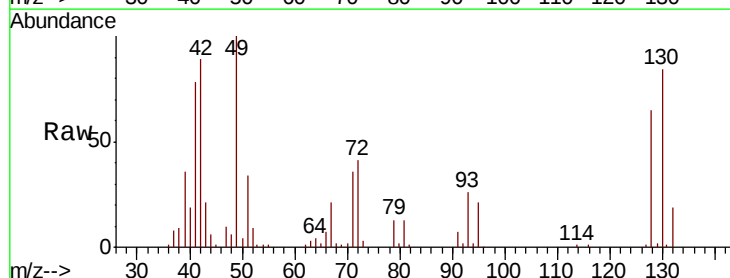
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

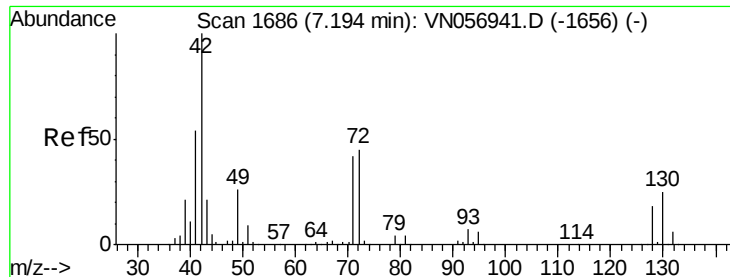
Tot Ion: 96 Resp: 126261
 Ion Ratio Lower Upper
 96 100
 61 137.6 0.0 277.2
 98 64.4 0.0 128.4



#28
 Bromochloromethane
 Concen: 21.330 ug/l
 RT: 7.18 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

Tgt Ion: 49 Resp: 107025
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 83.8 69.0 103.4

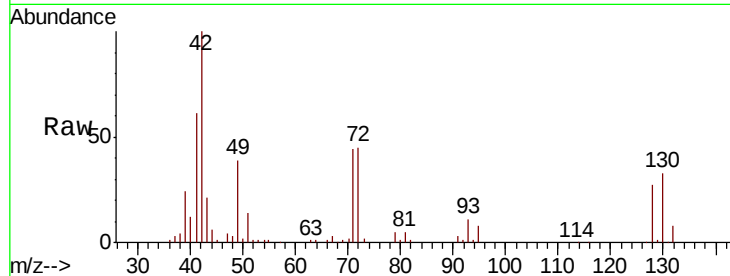




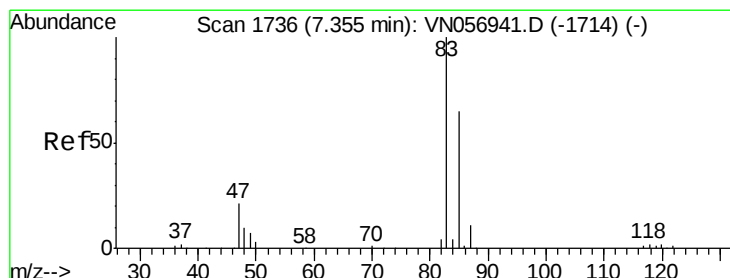
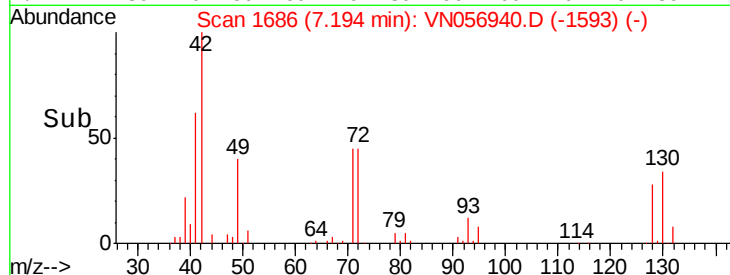
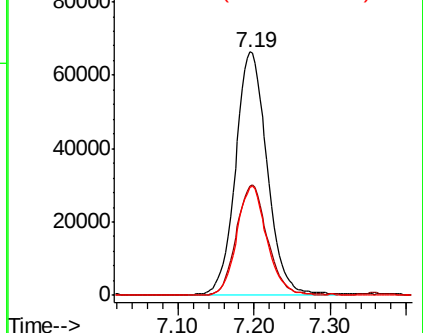
#29
Tetrahydrofuran
Concen: 87.651 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 42 Resp: 190474
Ion Ratio Lower Upper
42 100
72 45.0 35.6 53.4
71 42.9 33.5 50.3

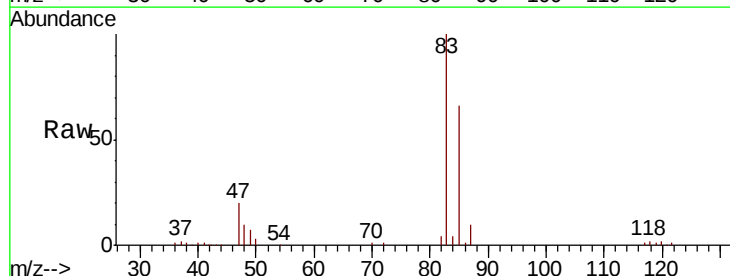


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

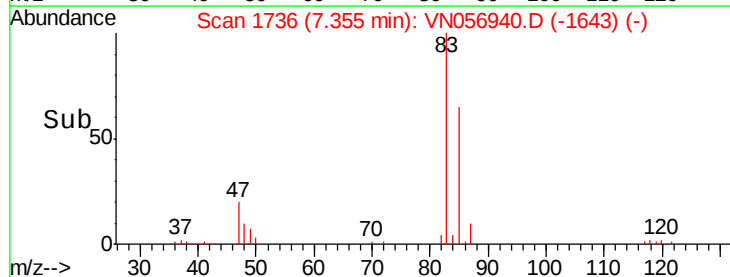
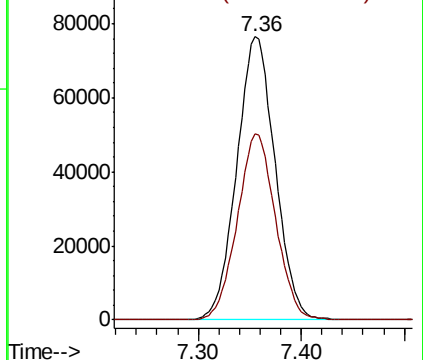


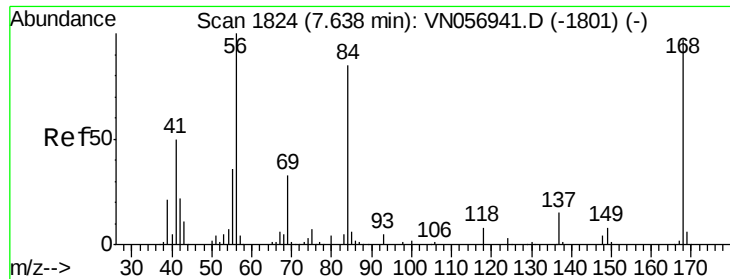
#30
Chloroform
Concen: 17.567 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Tgt Ion: 83 Resp: 197750
Ion Ratio Lower Upper
83 100
85 65.5 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

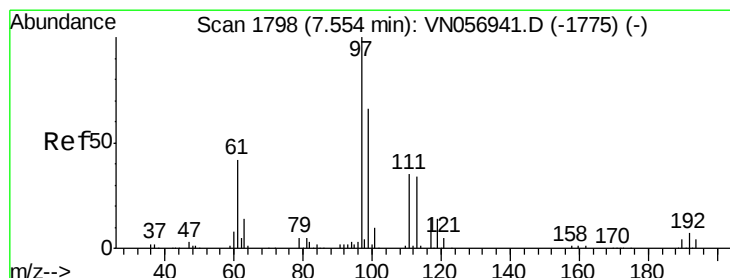
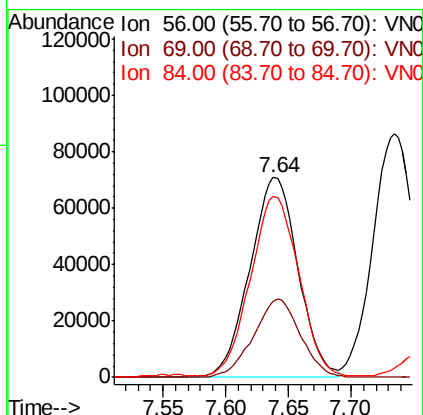
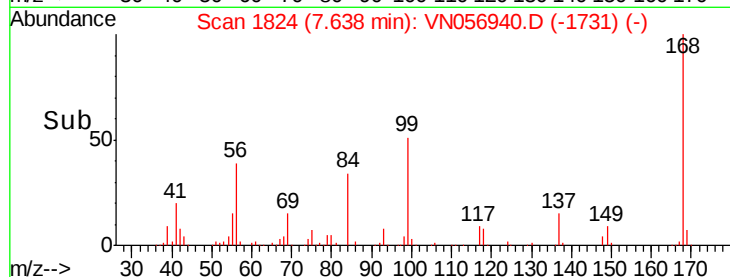
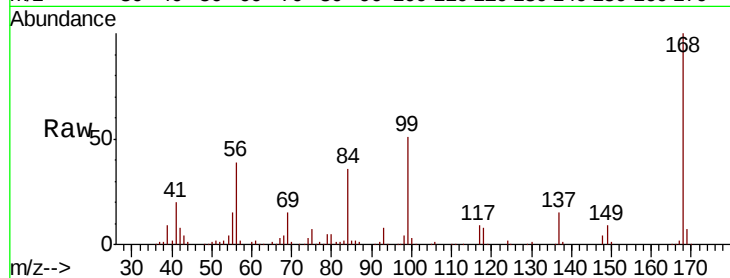




#31
Cyclohexane
Concen: 17.795 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

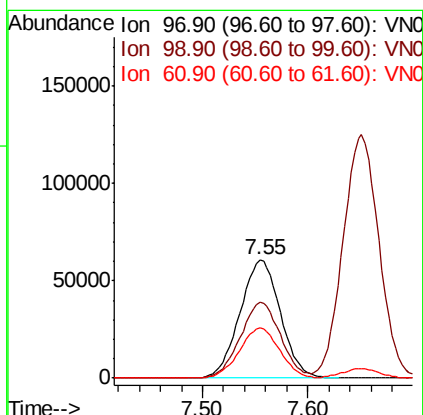
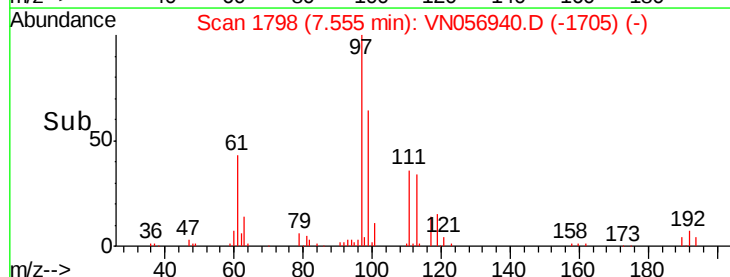
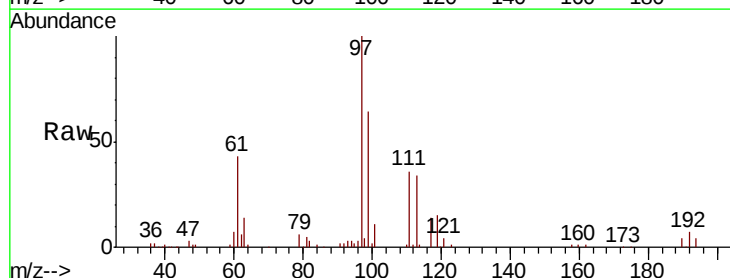
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

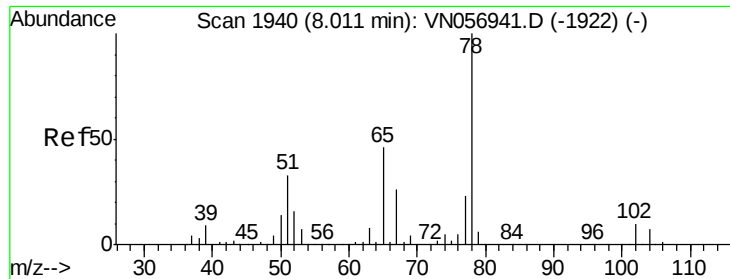
Tot Ion: 56 Resp: 189264
Ion Ratio Lower Upper
56 100
69 38.0 26.2 39.2
84 90.0 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 18.005 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Tgt Ion: 97 Resp: 162011
Ion Ratio Lower Upper
97 100
99 63.8 52.3 78.5
61 42.3 33.9 50.9

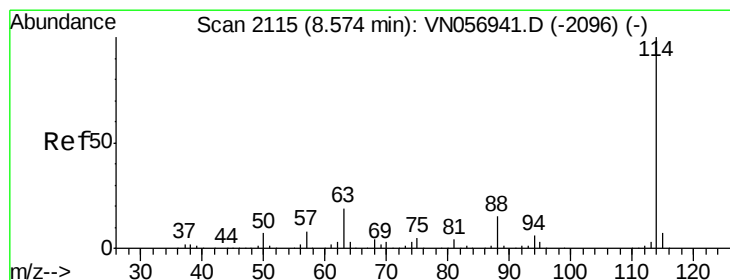
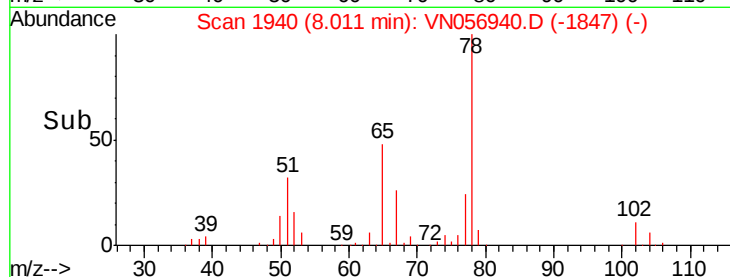
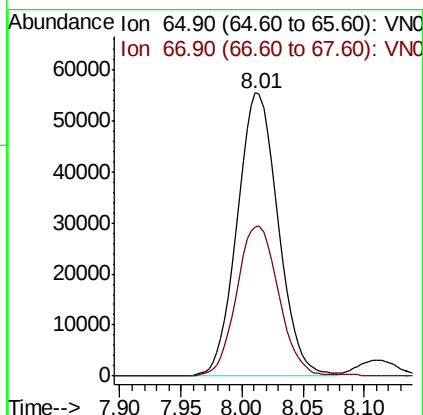
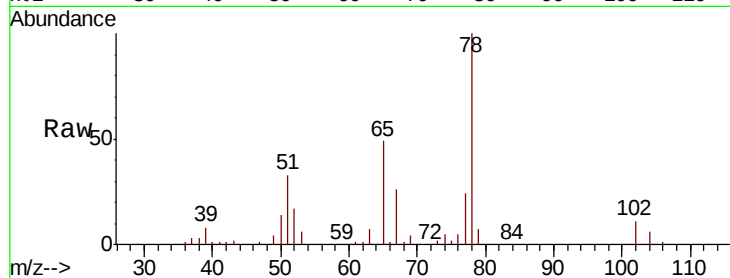




#33
 1,2-Dichloroethane-d4
 Concen: 20.523 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

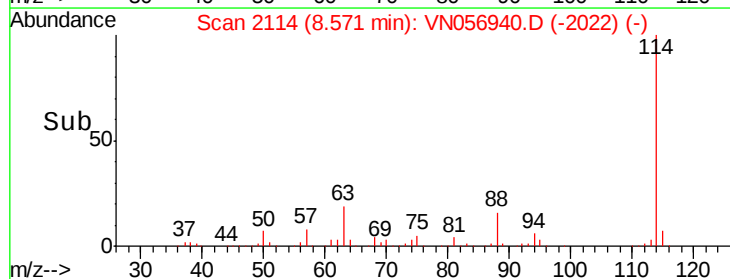
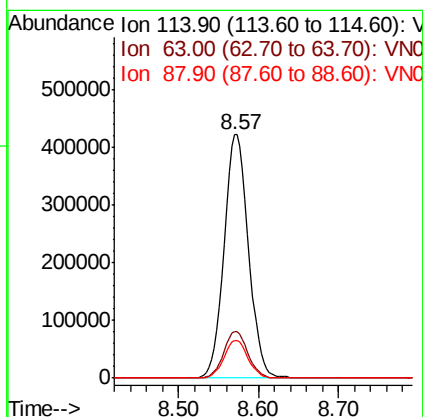
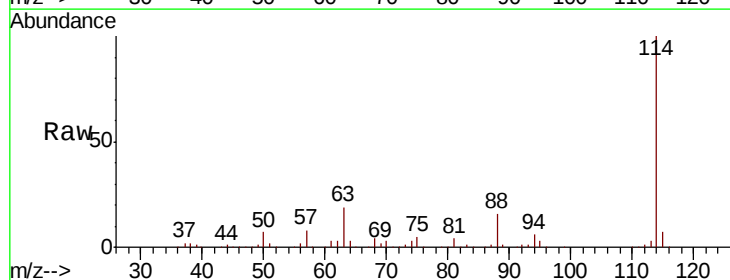
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

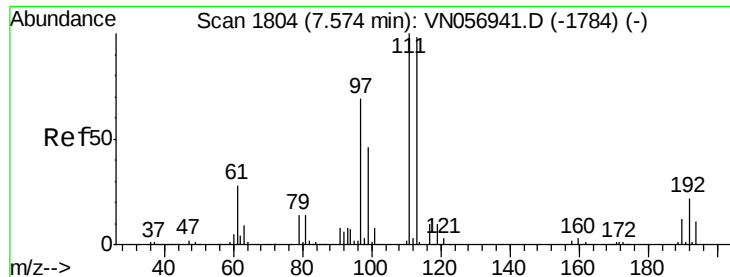
Tot Ion: 65 Resp: 128846
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

Tgt Ion: 114 Resp: 886826
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.0
 88 15.5 0.0 30.0

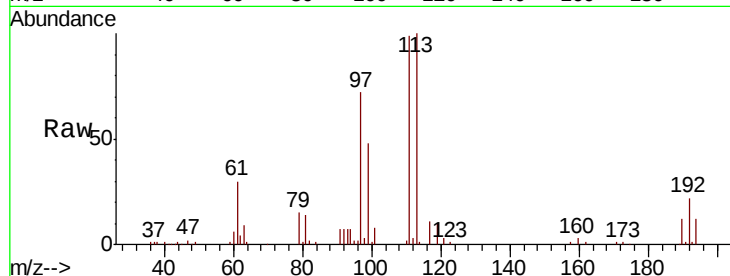




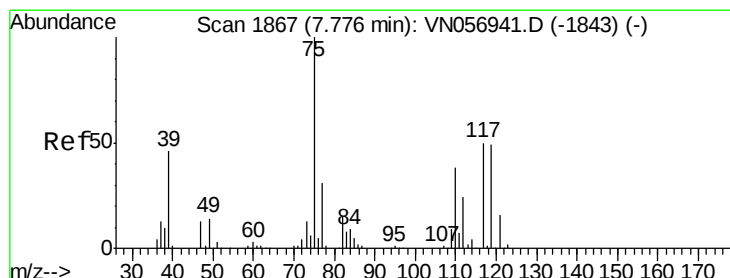
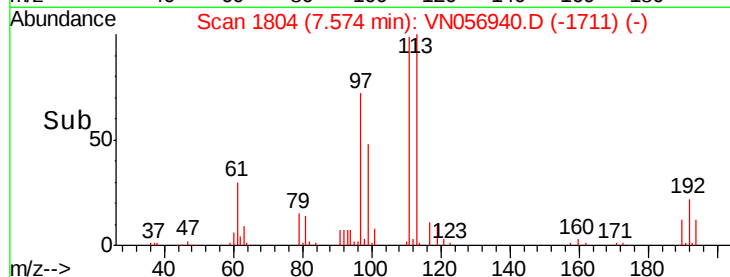
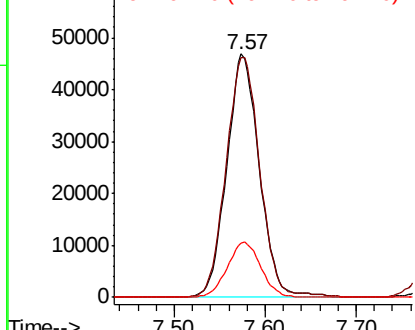
#35
 Dibromofluoromethane
 Concen: 20.736 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion:113 Resp: 116615
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.0 123.0
 192 23.2 18.4 27.6

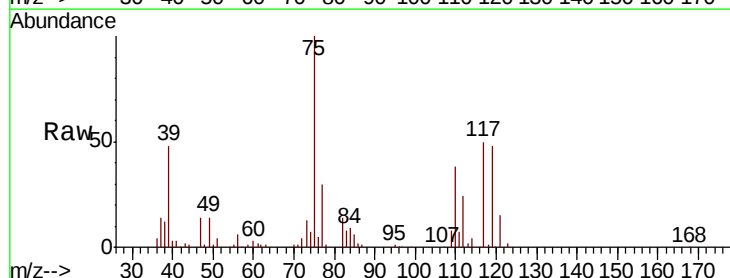


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

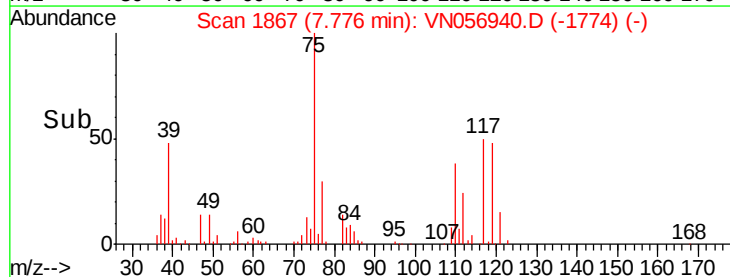
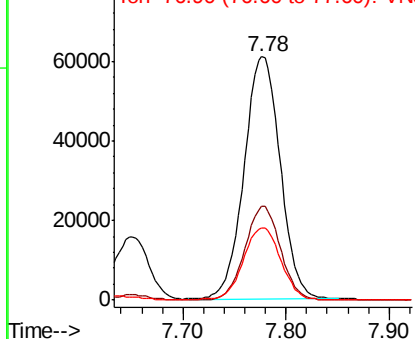


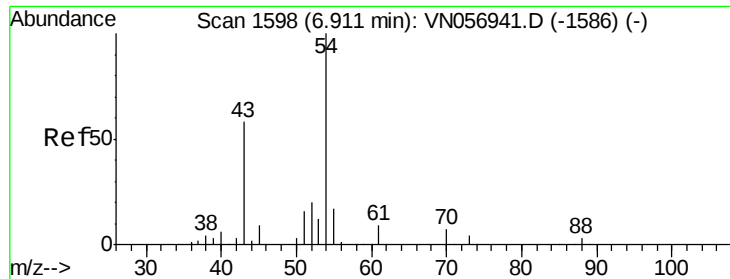
#36
 1,1-Dichloropropene
 Concen: 18.602 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

Tgt Ion: 75 Resp: 148881
 Ion Ratio Lower Upper
 75 100
 110 37.9 18.6 55.8
 77 30.8 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

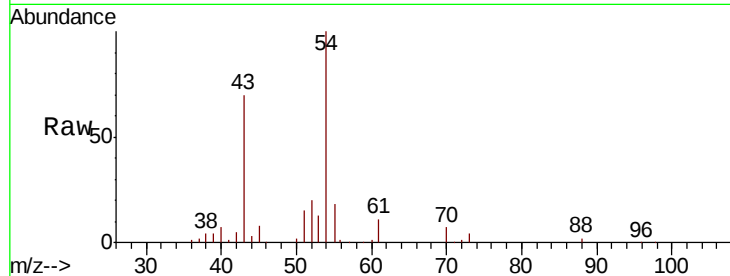




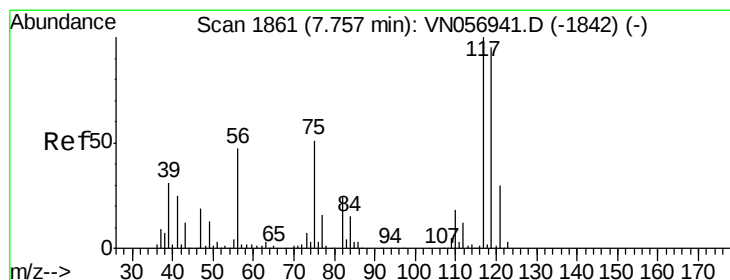
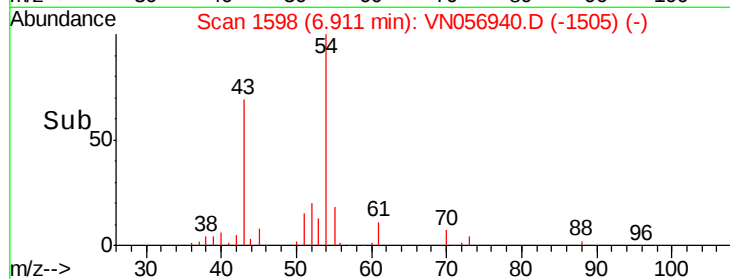
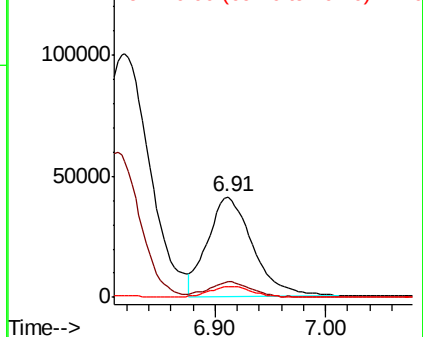
#37
Ethyl Acetate
Concen: 17.687 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tot Ion: 43 Resp: 116220
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.6
70 10.6 8.5 12.7

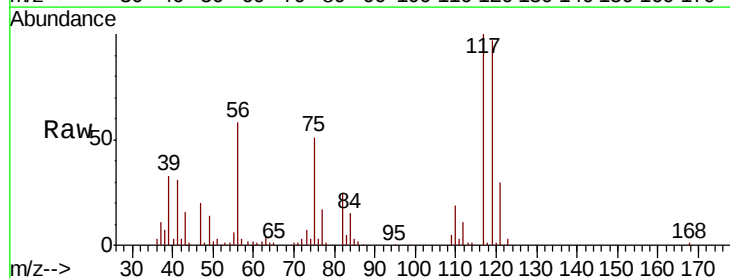


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

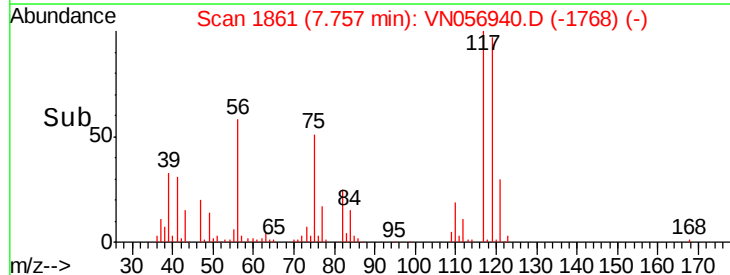
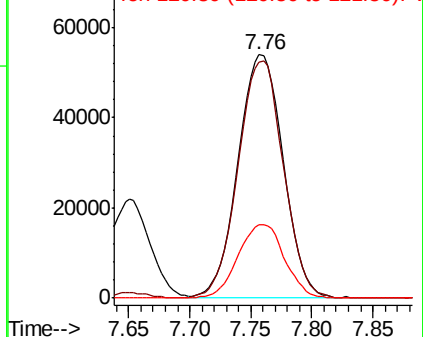


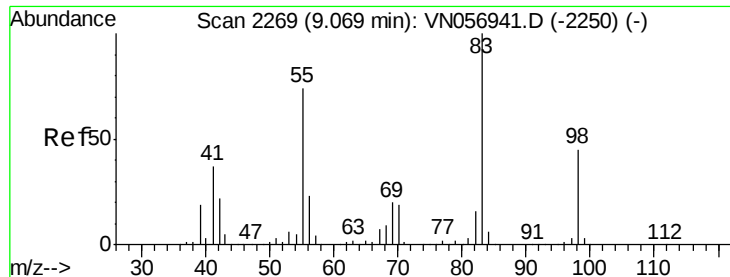
#38
Carbon Tetrachloride
Concen: 18.080 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Tgt Ion: 117 Resp: 137782
Ion Ratio Lower Upper
117 100
119 97.1 75.3 112.9
121 30.2 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

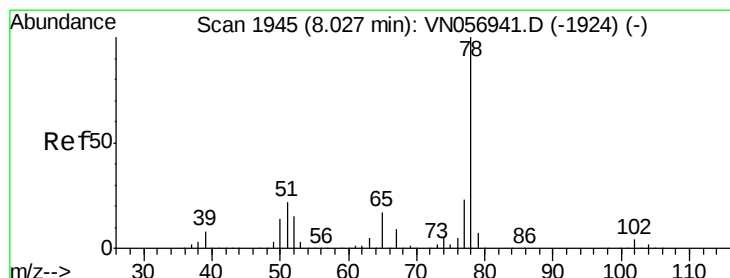
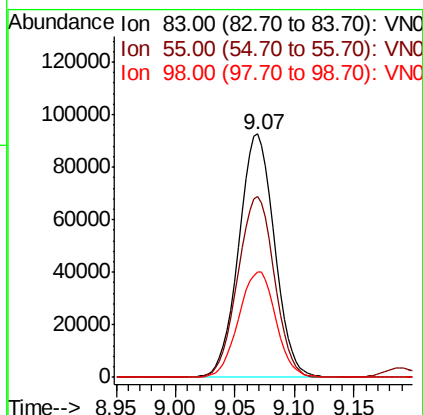
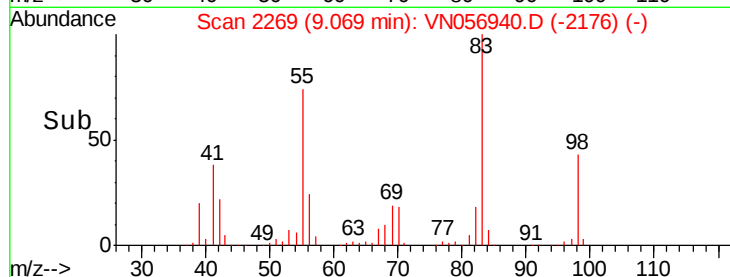
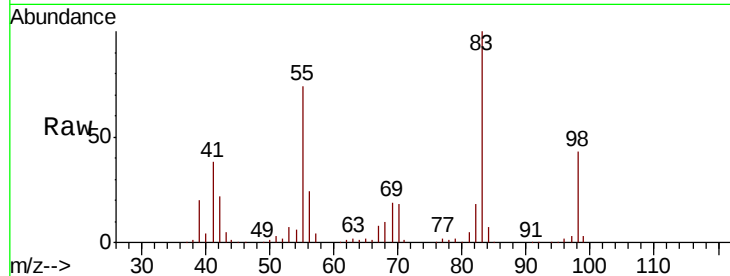




#39
Methvlcvclohexane
Concen: 19.723 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

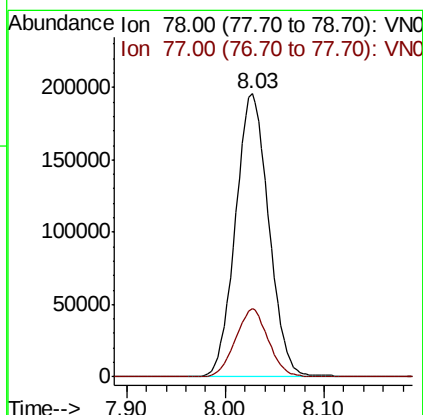
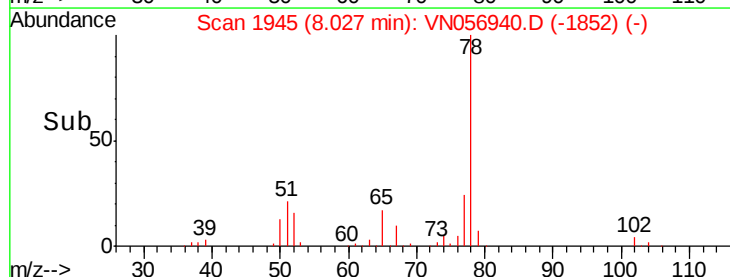
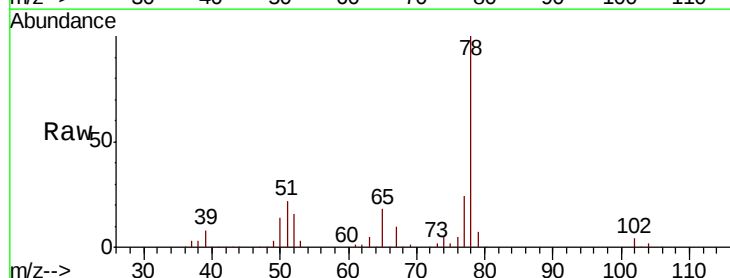
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

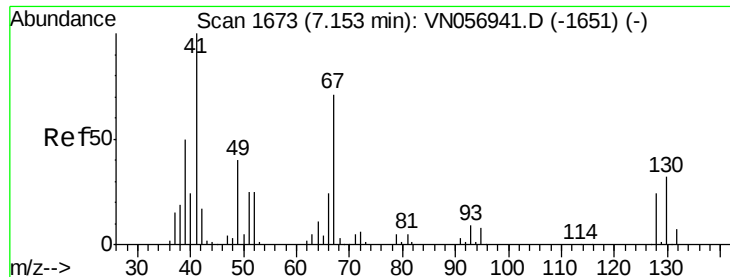
Tot Ion: 83 Resp: 192980
Ion Ratio Lower Upper
83 100
55 74.3 59.0 88.6
98 43.3 36.2 54.4



#40
Benzene
Concen: 18.469 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Tgt Ion: 78 Resp: 459134
Ion Ratio Lower Upper
78 100
77 24.0 18.3 27.5

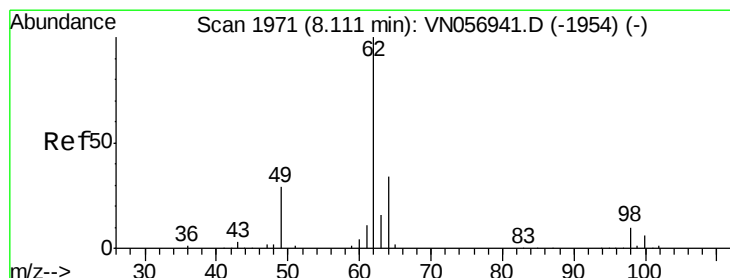
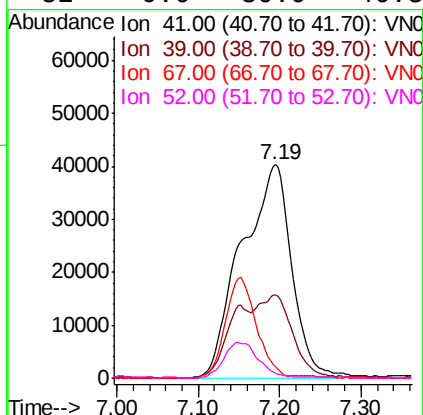
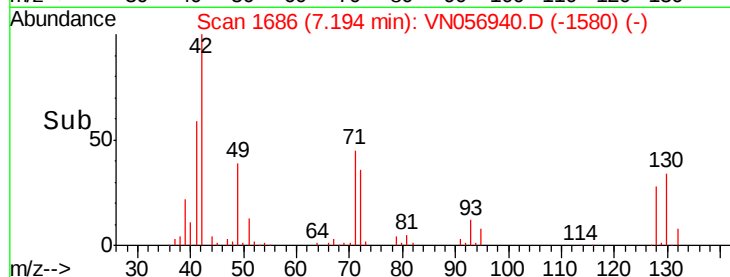
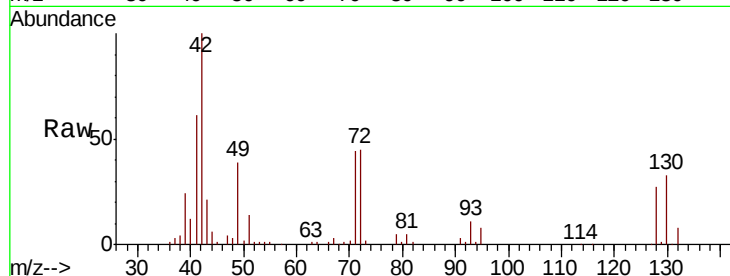




#41
Methacrylonitrile
Concen: 59.014 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.04 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

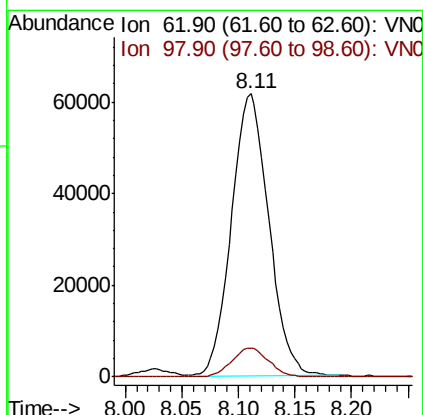
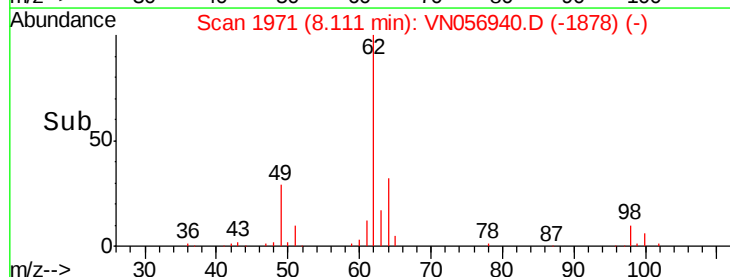
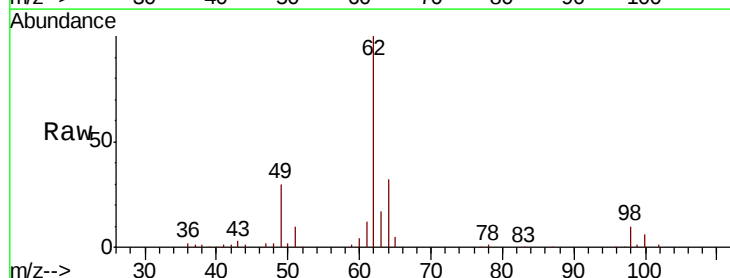
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

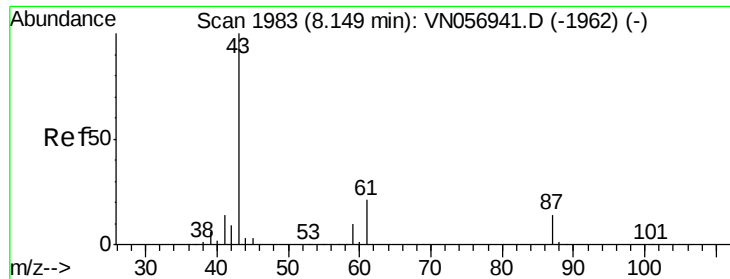
Tot Ion: 41 Resp: 172493
Ion Ratio Lower Upper
41 100
39 0.0 48.9 73.3#
67 0.0 83.4 125.0#
52 0.0 30.9 46.3#



#42
1,2-Dichloroethane
Concen: 18.523 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Tgt Ion: 62 Resp: 142011
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.6





#43

Isopropyl Acetate

Concen: 17.998 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

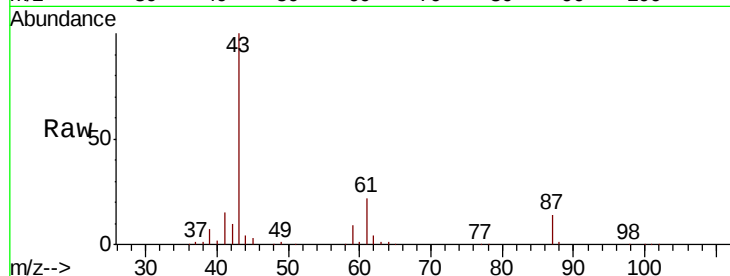
MSVOA_N

ClientSampleId :

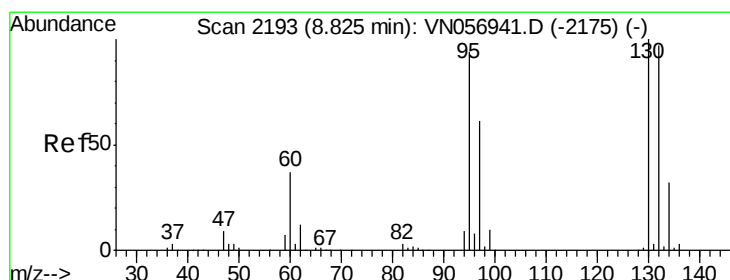
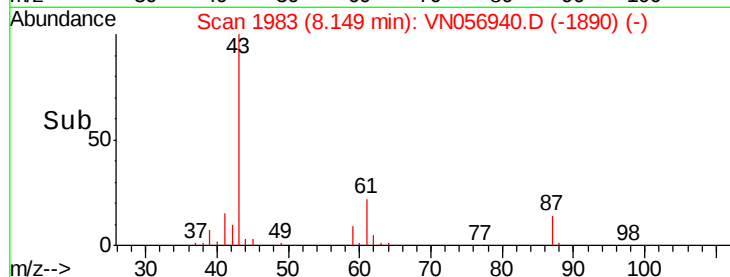
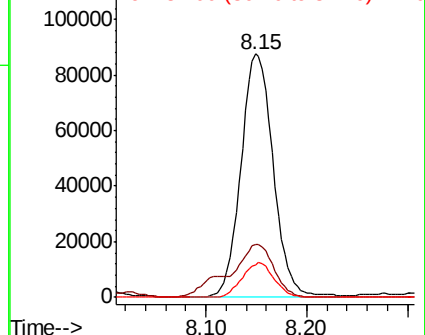
VSTDIC020

Tot Ion: 43 Resp: 193455

Ion	Ratio	Lower	Upper
43	100		
61	22.5	23.0	34.6#
87	14.1	11.7	17.5



Abundance Ion 43.00 (42.70 to 43.70): VN056940.D (-1962) (-)



#44

Trichloroethene

Concen: 19.012 ug/l

RT: 8.82 min Scan# 2193

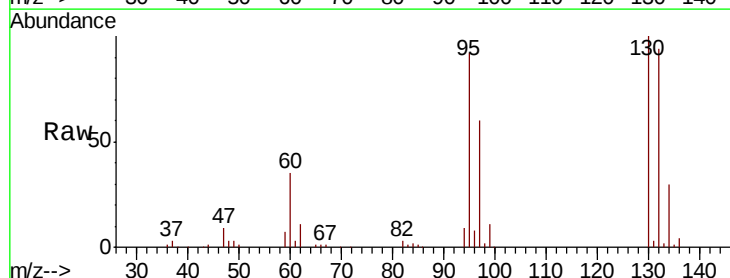
Delta R.T. 0.00 min

Lab File: VN056940.D

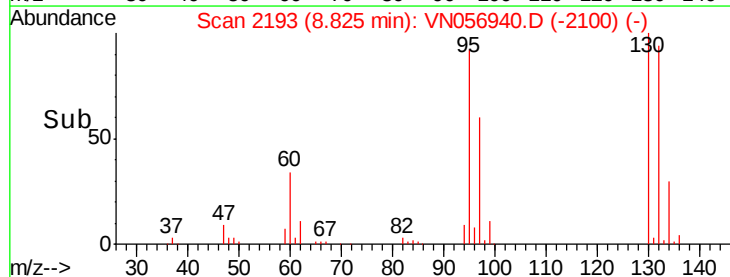
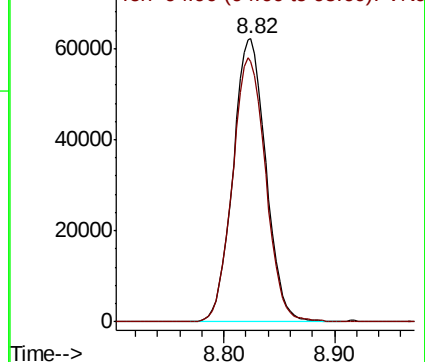
Acq: 26 Jul 2019 10:00

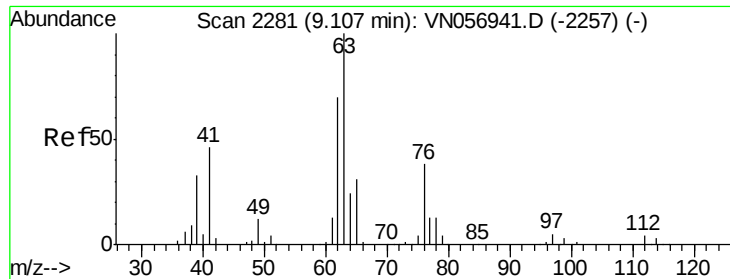
Tgt Ion: 130 Resp: 128463

Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	189.0



Abundance Ion 129.80 (129.50 to 130.50): VN056940.D (-2175) (-)

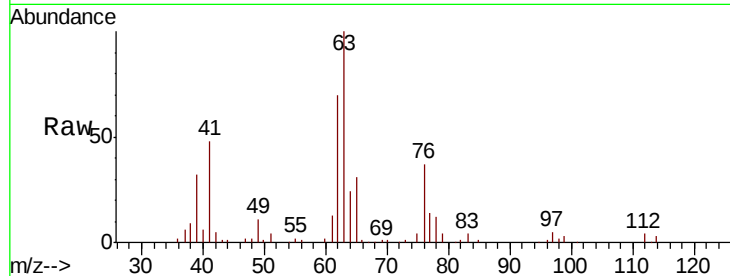




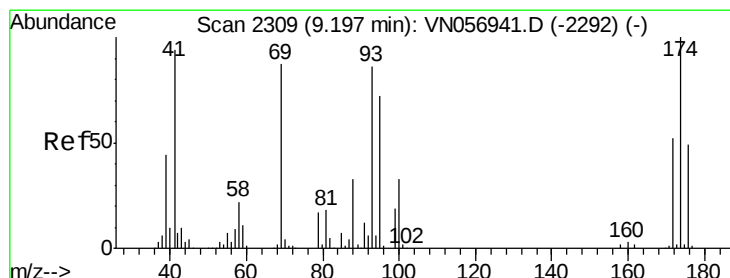
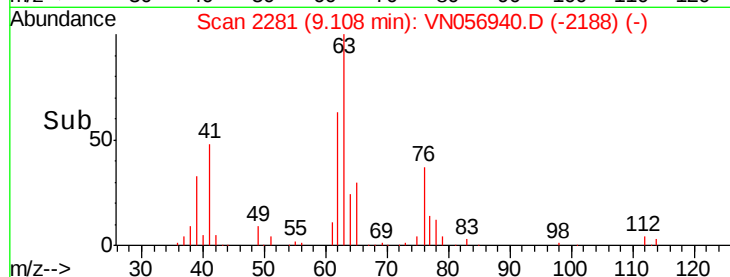
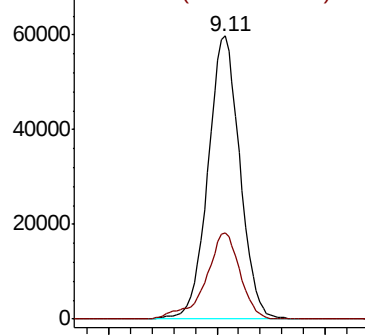
#45
 1,2-Dichloropropane
 Concen: 18.364 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 63 Resp: 122400
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.8 37.2

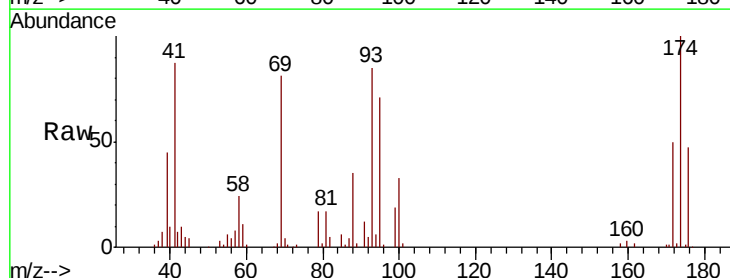


Abundance Ion 62.90 (62.60 to 63.60): VNO
 Ion 64.90 (64.60 to 65.60): VNO

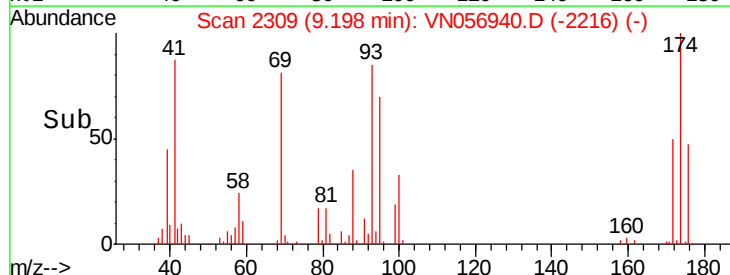
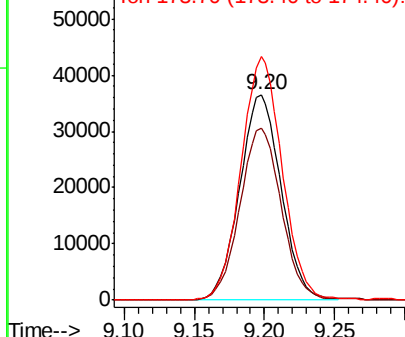


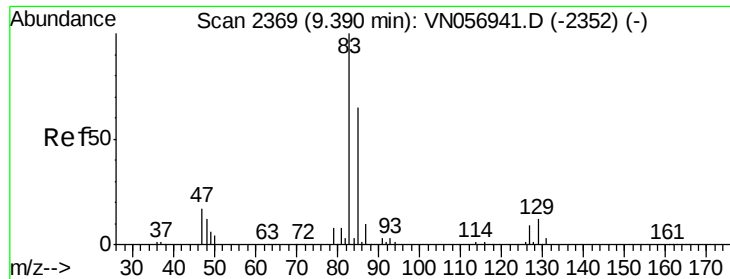
#46
 Dibromomethane
 Concen: 18.669 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

Tgt Ion: 93 Resp: 75150
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.6
 174 117.5 92.7 139.1



Abundance Ion 92.80 (92.50 to 93.50): VNO
 Ion 94.80 (94.50 to 95.50): VNO
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.194 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

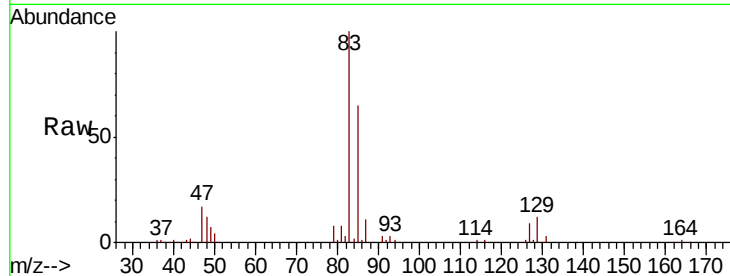
Tot Ion: 83 Resp: 143146

Ion Ratio Lower Upper

83 100

85 64.5 51.6 77.4

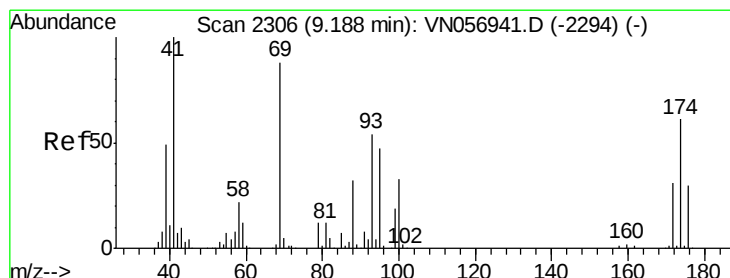
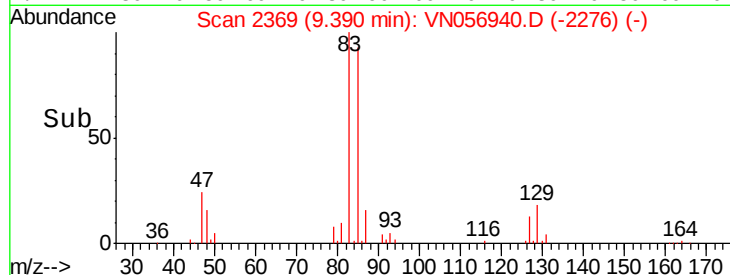
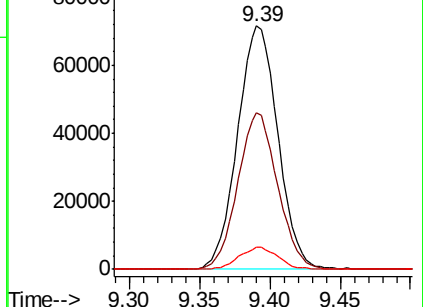
127 8.9 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056940.D (-2276) (-)

Ion 84.90 (84.60 to 85.60): VN056940.D (-2276) (-)

Ion 126.80 (126.50 to 127.50): VN056940.D (-2276) (-)



#48

Methyl methacrylate

Concen: 17.991 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

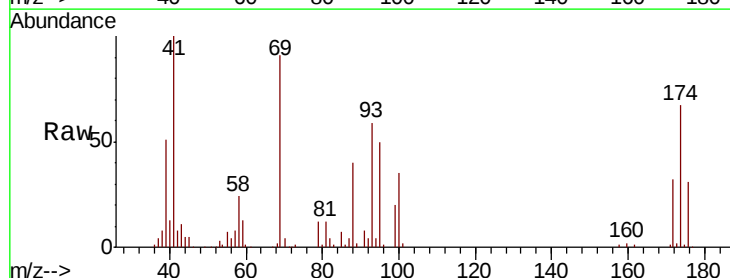
Tgt Ion: 41 Resp: 92351

Ion Ratio Lower Upper

41 100

69 95.1 73.4 110.0

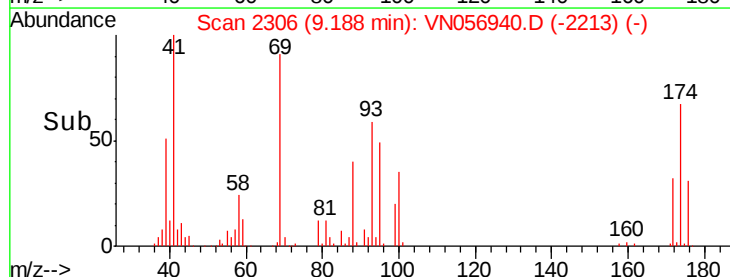
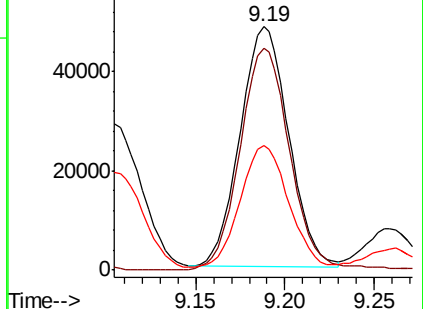
39 52.8 39.9 59.9

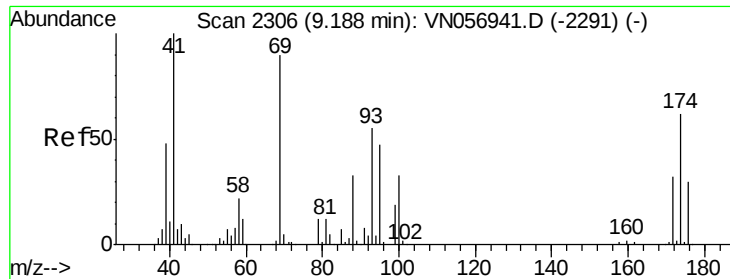


Abundance Ion 41.00 (40.70 to 41.70): VN056940.D (-2213) (-)

Ion 69.00 (68.70 to 69.70): VN056940.D (-2213) (-)

Ion 39.00 (38.70 to 39.70): VN056940.D (-2213) (-)





#49

1,4-Dioxane

Concen: 391.120 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

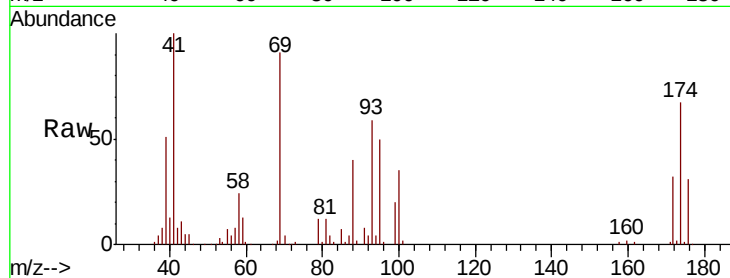
Tot Ion: 88 Resp: 41543

Ion Ratio Lower Upper

88 100

43 25.9 22.2 33.2

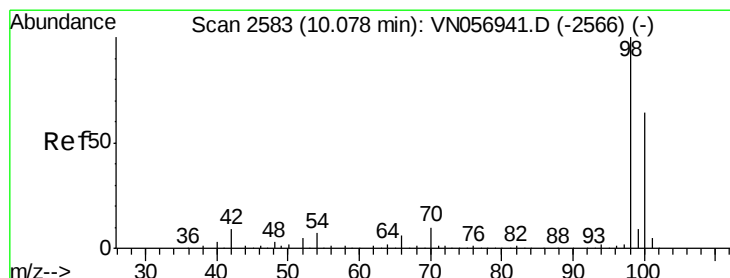
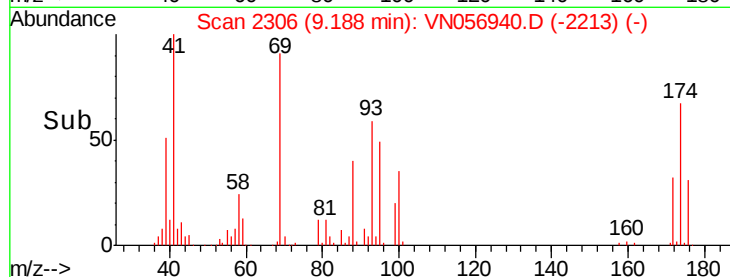
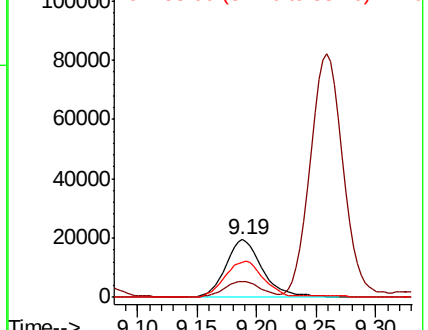
58 66.6 54.1 81.1



Abundance Ion 88.00 (87.70 to 88.70): VN056940.D (-2291) (-)

Ion 43.00 (42.70 to 43.70): VN056940.D (-2291) (-)

Ion 58.00 (57.70 to 58.70): VN056940.D (-2291) (-)



#50

Toluene-d8

Concen: 21.098 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN056940.D

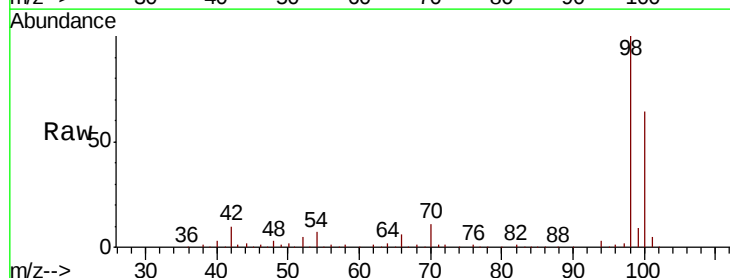
Acq: 26 Jul 2019 10:00

Tgt Ion: 98 Resp: 450759

Ion Ratio Lower Upper

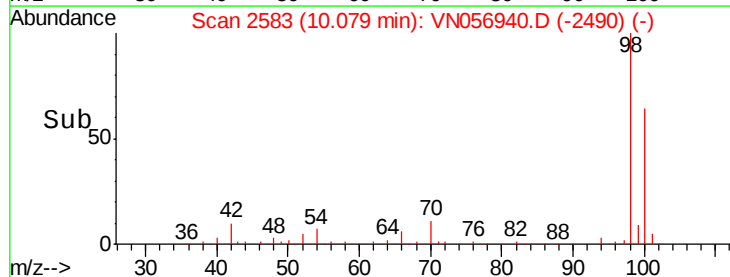
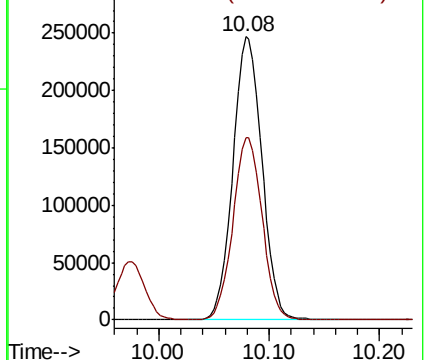
98 100

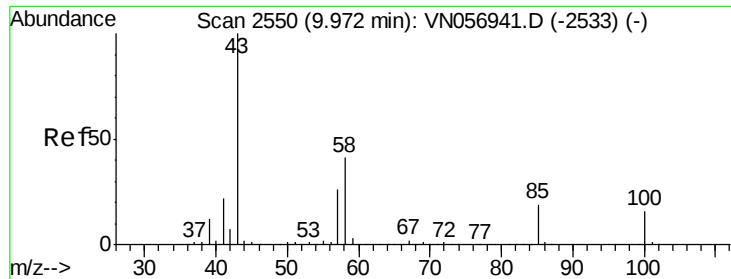
100 64.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN056940.D (-2566) (-)

Ion 100.00 (99.70 to 100.70): VN056940.D (-2566) (-)





#51

4-Methyl-2-Pentanone

Concen: 91.878 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

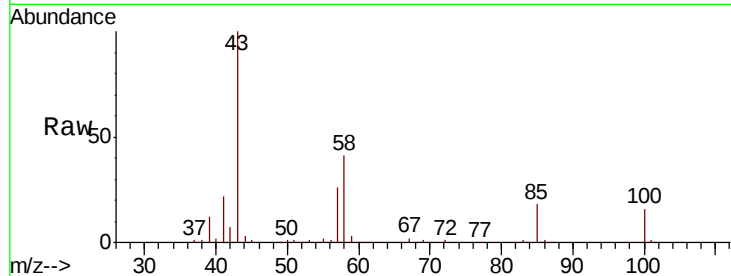
VSTDIC020

Tot Ion: 43 Resp: 587155

Ion Ratio Lower Upper

43 100

58 41.0 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VN056940.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN056940.D (-2533) (-)

9.97

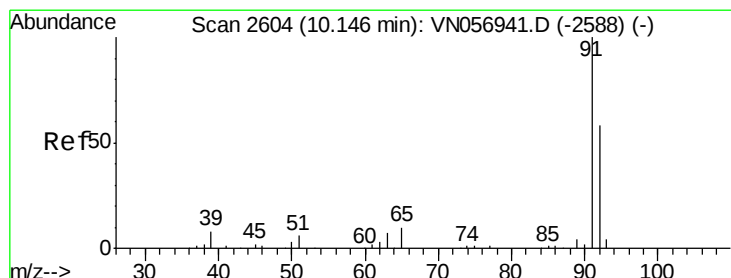
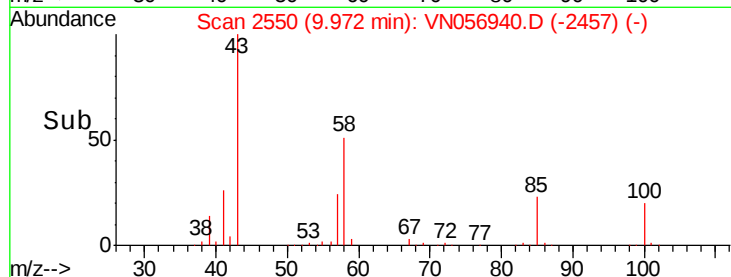
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.384 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN056940.D

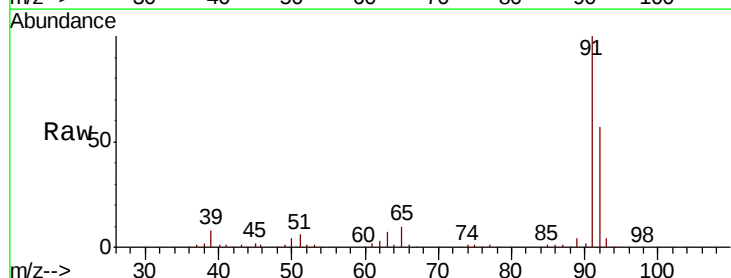
Acq: 26 Jul 2019 10:00

Tgt Ion: 92 Resp: 288277

Ion Ratio Lower Upper

92 100

91 172.3 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN056940.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN056940.D (-2588) (-)

10.15

300000

250000

200000

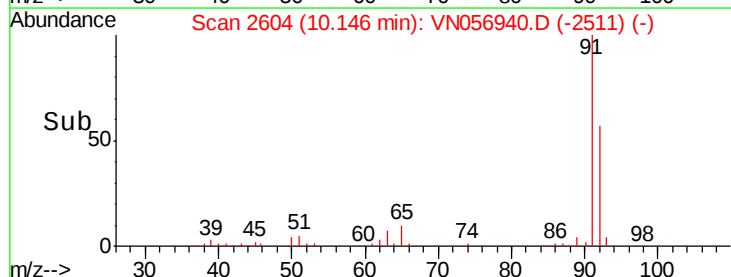
150000

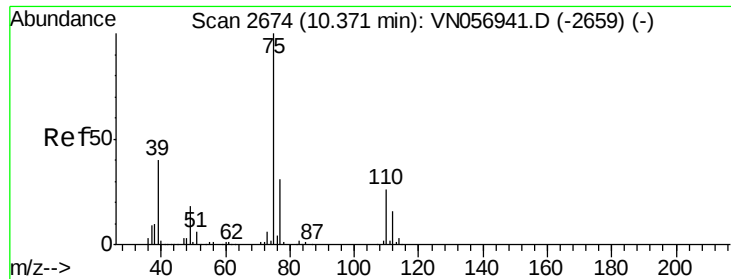
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.301 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

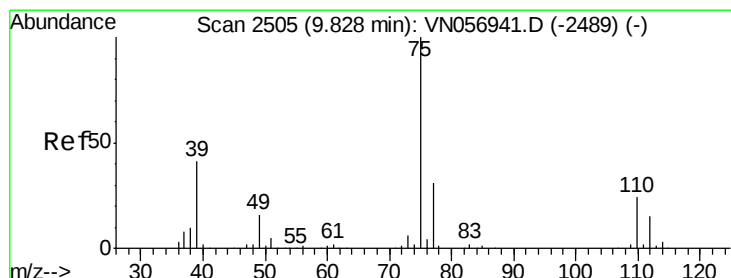
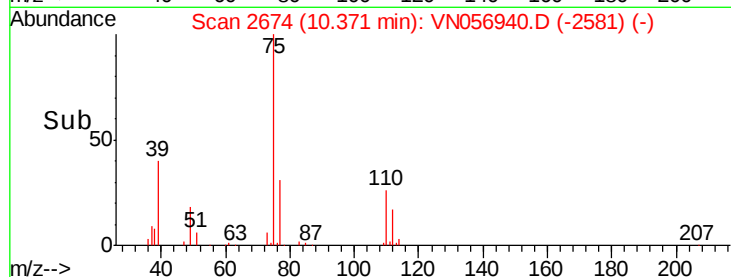
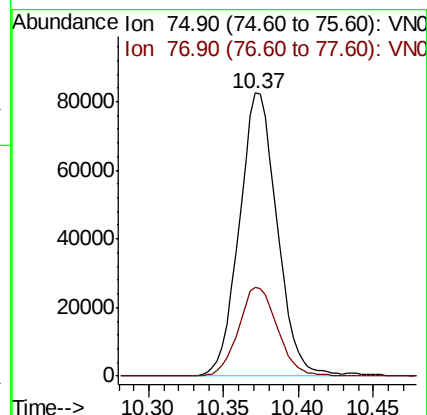
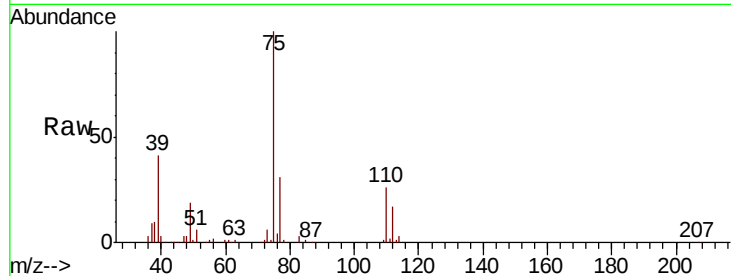
VSTDIC020

Tot Ion: 75 Resp: 145583

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.028 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

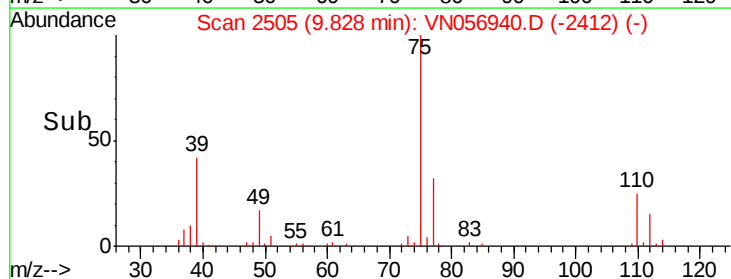
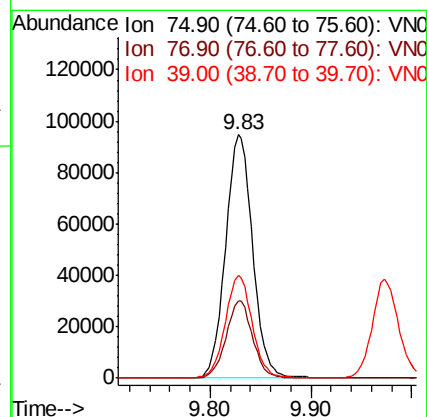
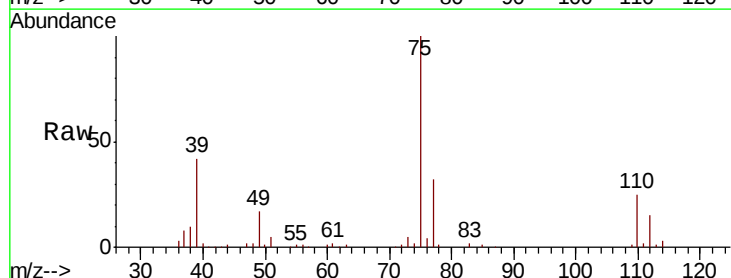
Tgt Ion: 75 Resp: 177582

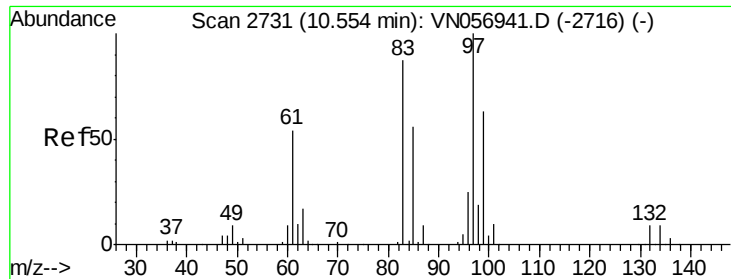
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

39 42.0 32.6 49.0

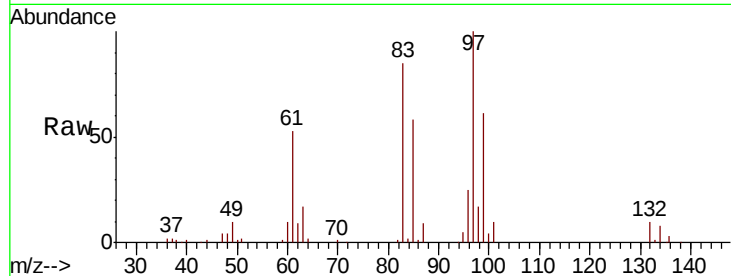




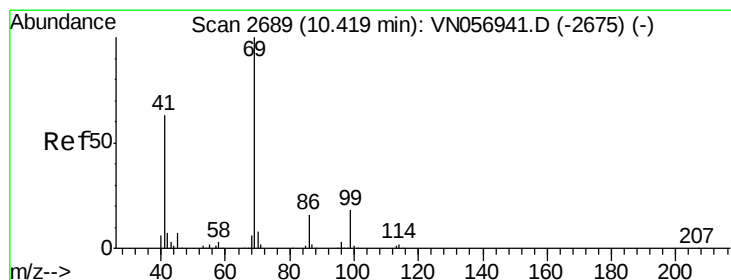
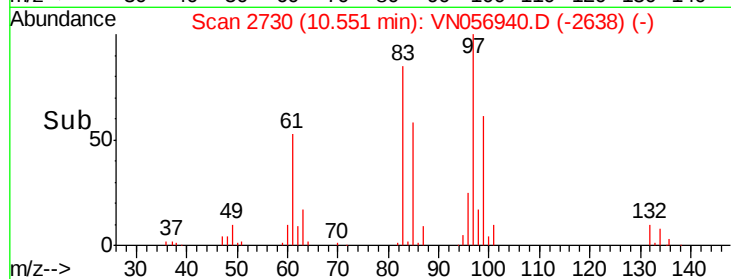
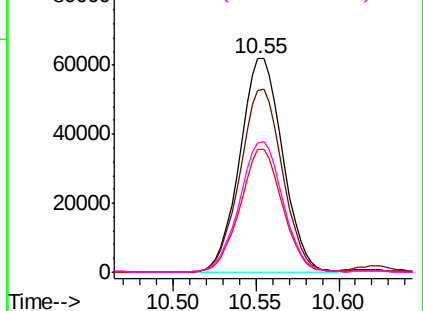
#55
 1,1,2-Trichloroethane
 Concen: 18.609 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 97 Resp: 111404
 Ion Ratio Lower Upper
 97 100
 83 85.2 69.4 104.0
 85 57.6 44.7 67.1
 99 60.7 50.1 75.1

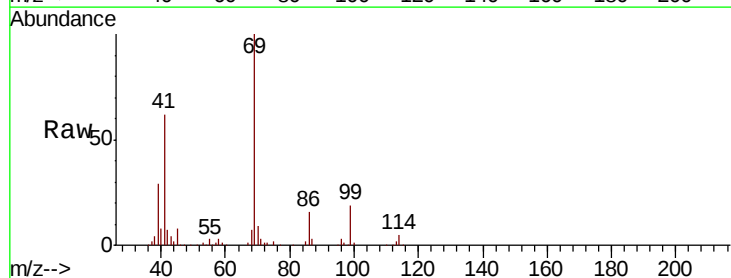


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

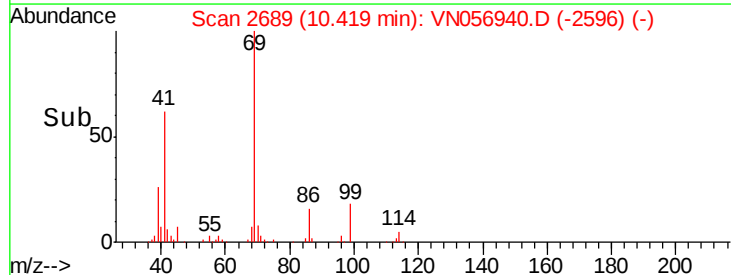
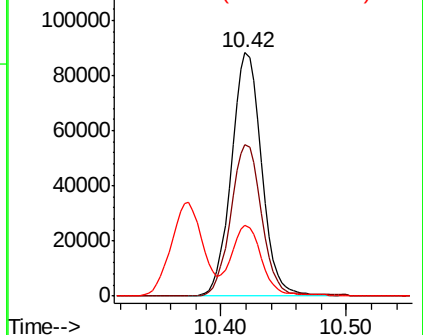


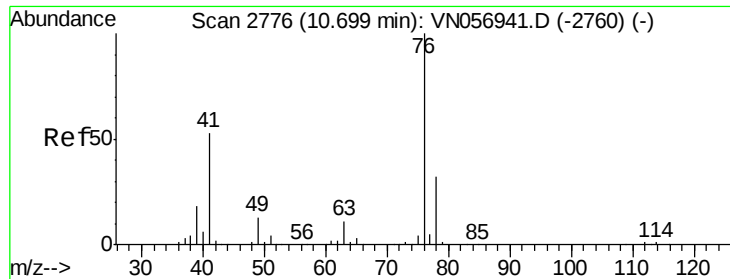
#56
 Ethyl methacrylate
 Concen: 18.351 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

Tgt Ion: 69 Resp: 148270
 Ion Ratio Lower Upper
 69 100
 41 62.6 49.2 73.8
 39 28.5 23.1 34.7



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

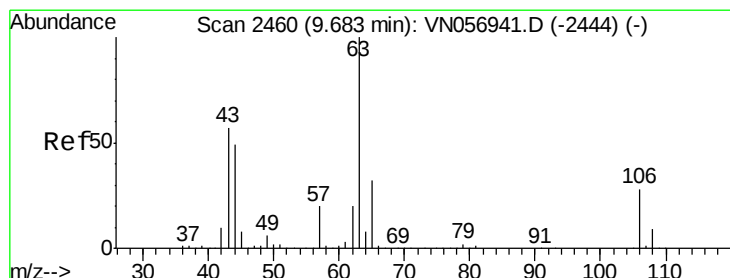
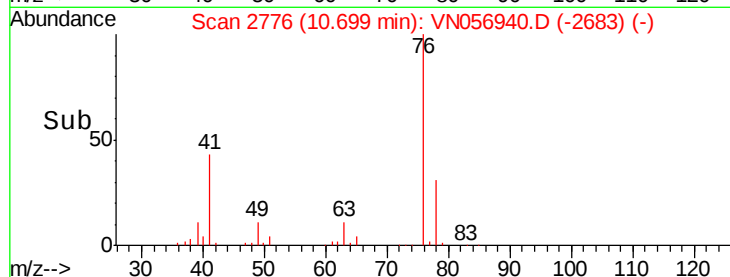
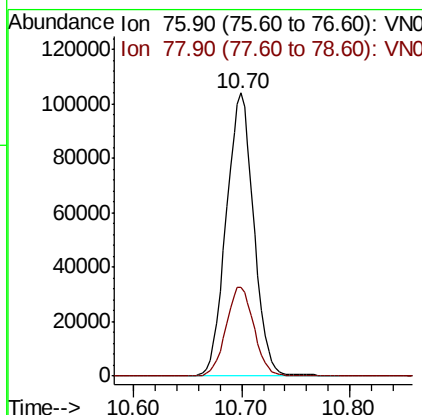
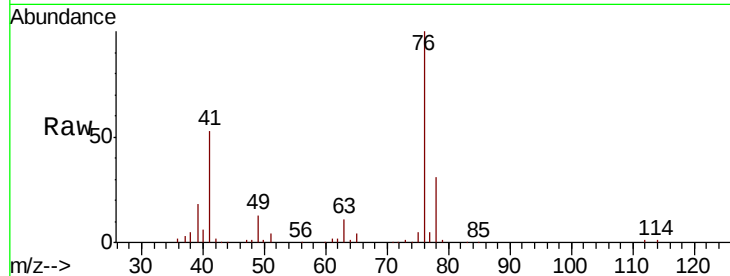




#57
 1,3-Dichloropropane
 Concen: 18.929 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

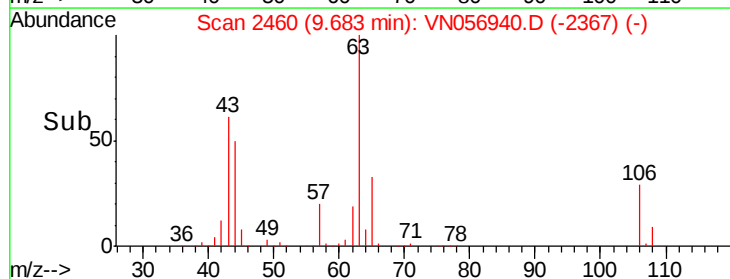
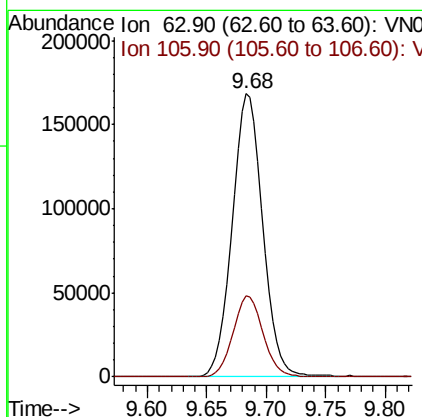
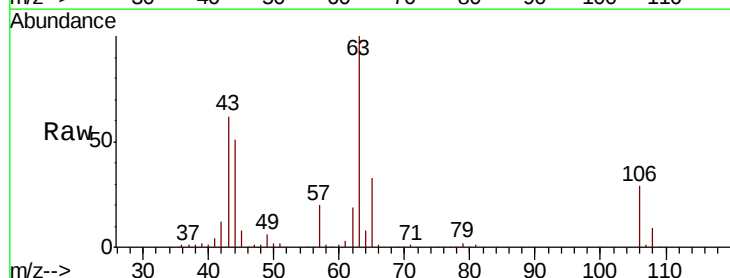
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

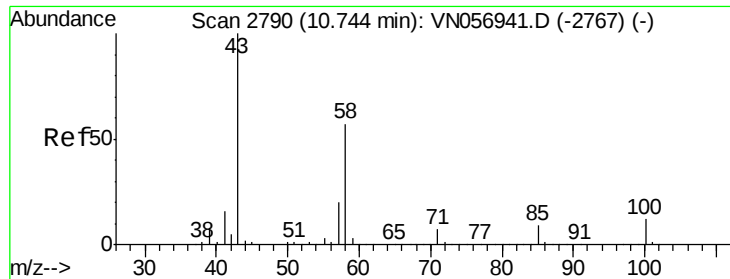
Tot Ion: 76 Resp: 185161
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.347 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

Tgt Ion: 63 Resp: 299464
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.0 33.0

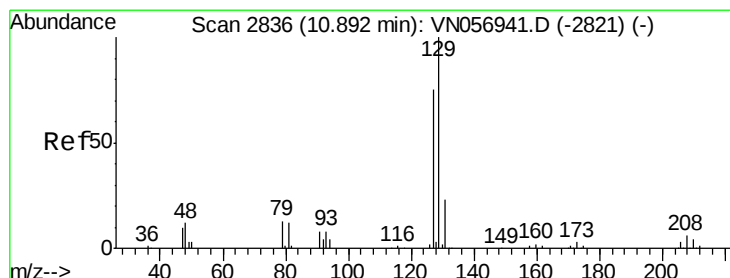
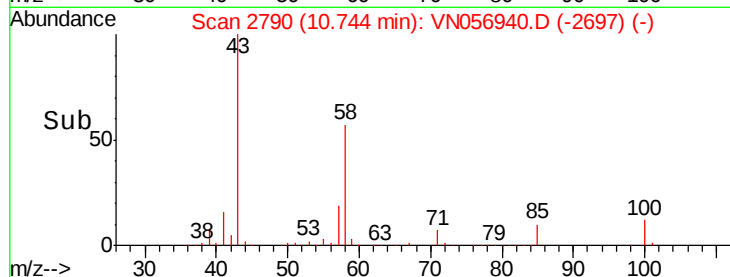
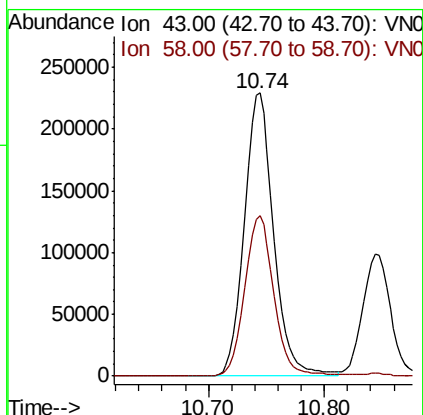
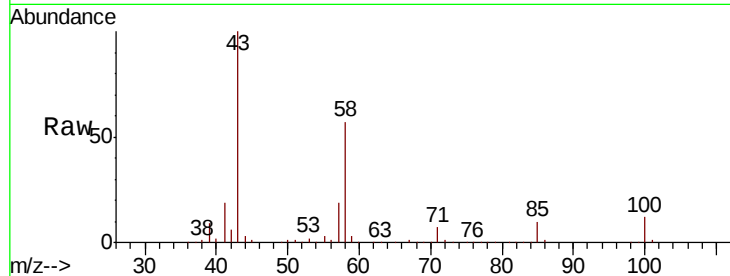




#59
2-Hexanone
Concen: 92.051 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

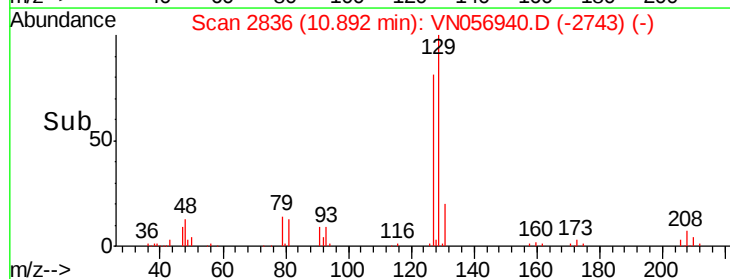
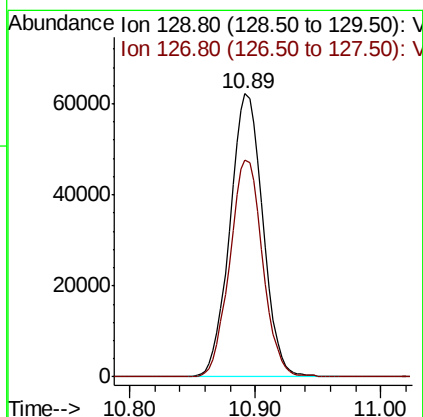
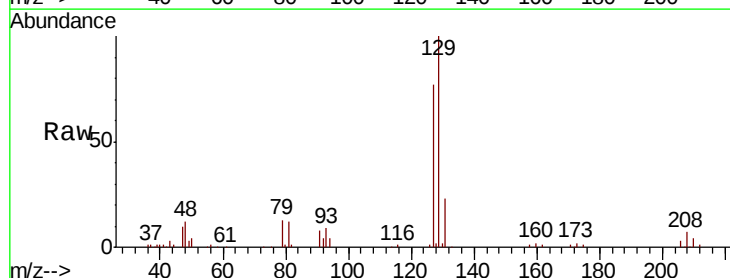
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

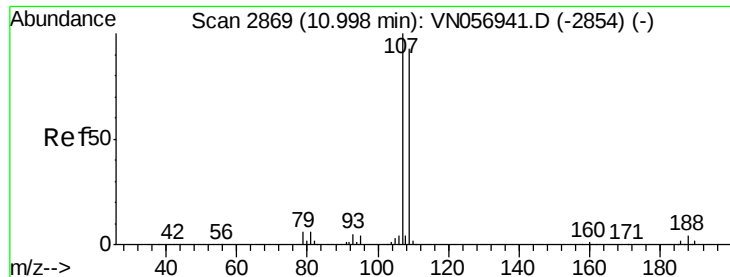
Tot Ion: 43 Resp: 404160
Ion Ratio Lower Upper
43 100
58 56.4 28.5 85.5



#60
Dibromochloromethane
Concen: 18.568 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Tgt Ion: 129 Resp: 113433
Ion Ratio Lower Upper
129 100
127 76.2 38.0 113.9

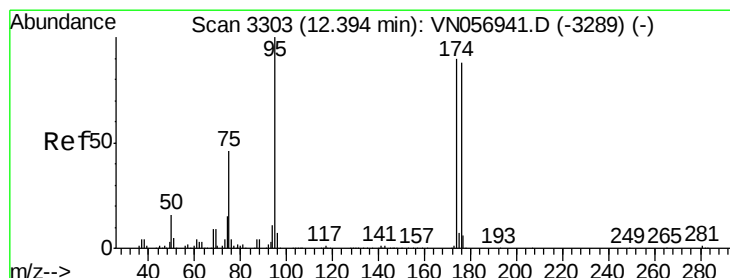
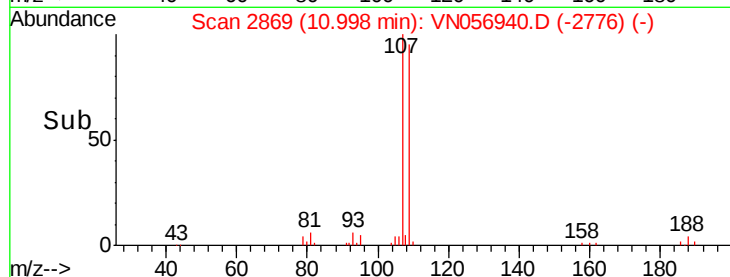
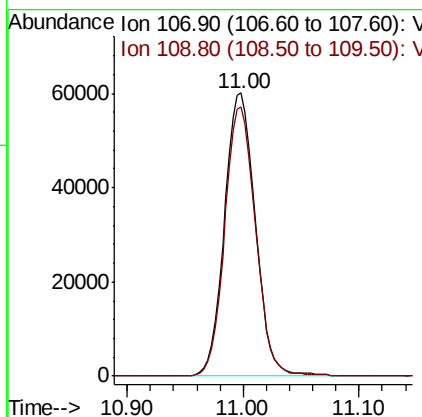
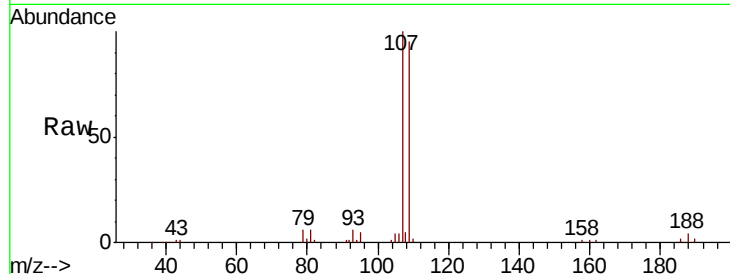




#61
 1,2-Dibromoethane
 Concen: 18.771 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

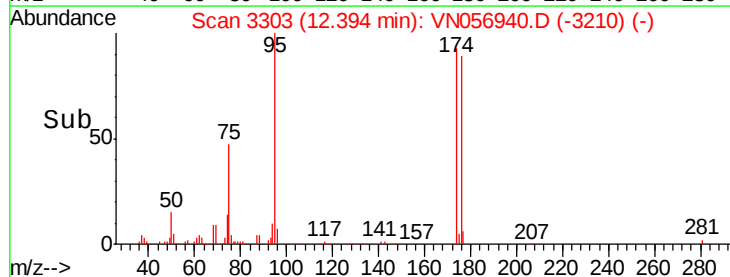
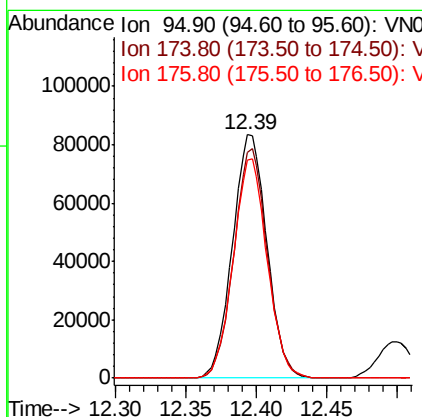
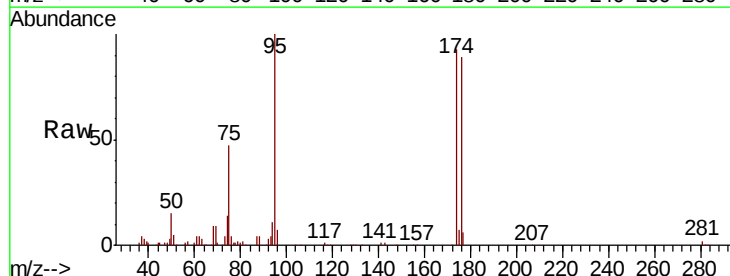
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

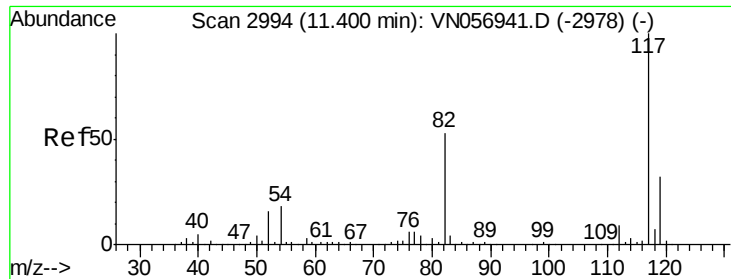
Tot Ion:107 Resp: 111183
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 20.440 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

Tgt Ion: 95 Resp: 142457
 Ion Ratio Lower Upper
 95 100
 174 91.6 0.0 182.2
 176 88.8 0.0 179.4

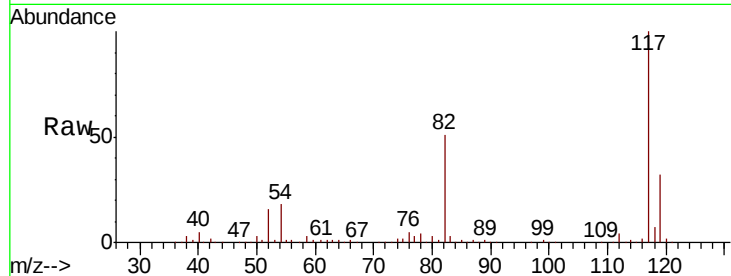




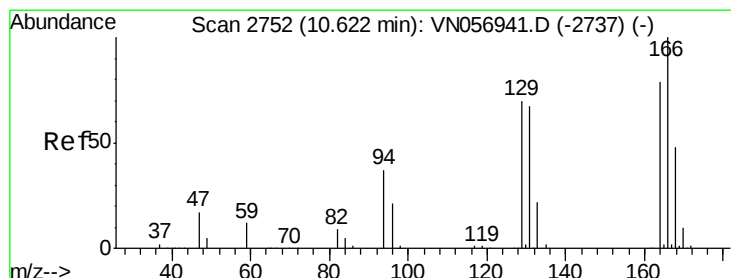
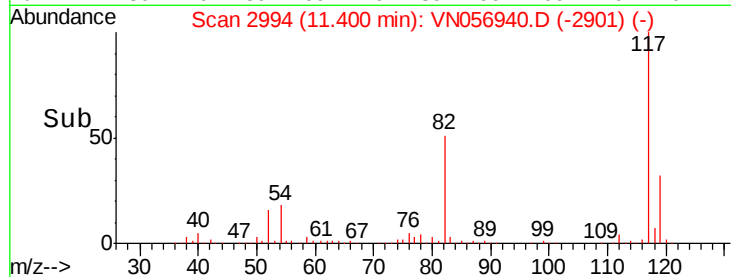
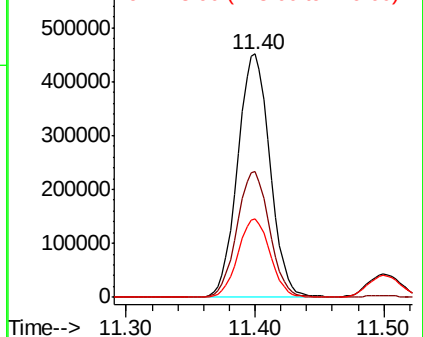
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion:117 Resp: 786815
Ion Ratio Lower Upper
117 100
82 51.5 42.2 63.4
119 32.3 25.8 38.6

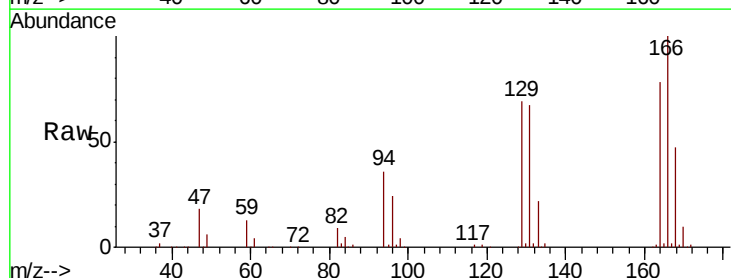


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

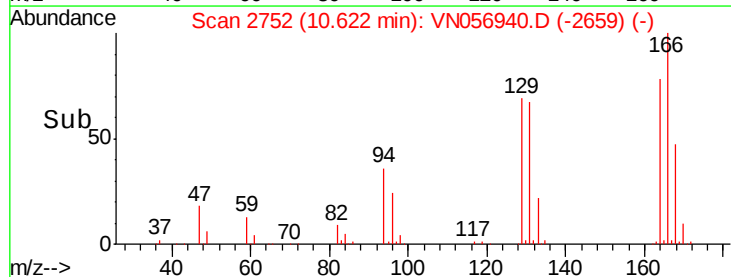
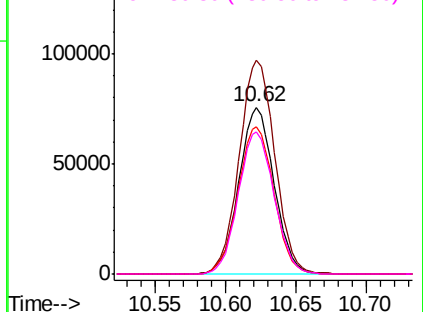


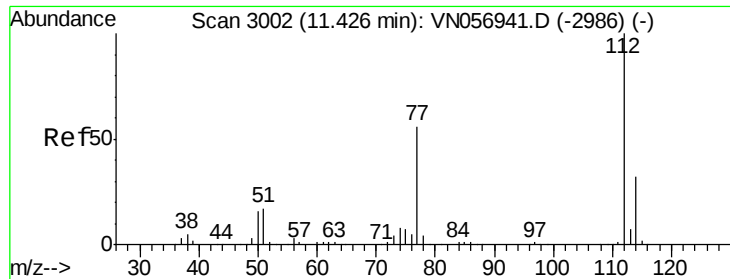
#64
Tetrachloroethene
Concen: 18.885 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Tgt Ion:164 Resp: 132725
Ion Ratio Lower Upper
164 100
166 128.3 101.1 151.7
129 88.7 70.9 106.3
131 85.5 67.7 101.5



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

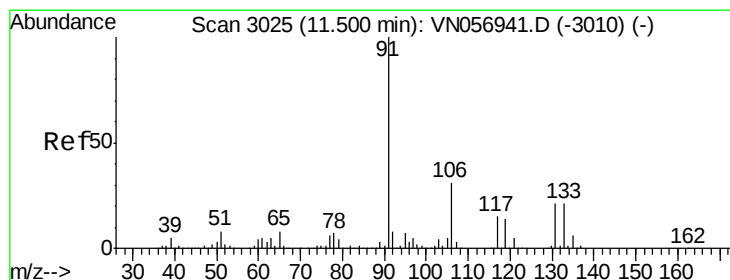
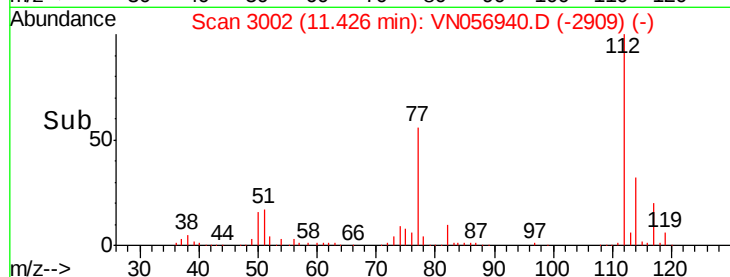
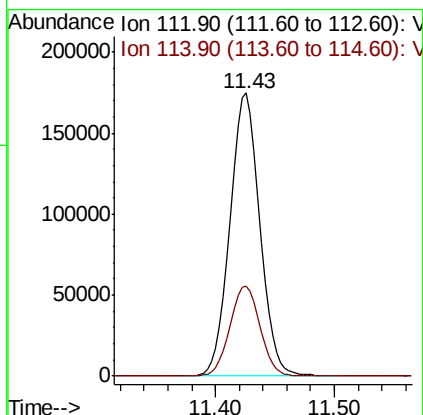
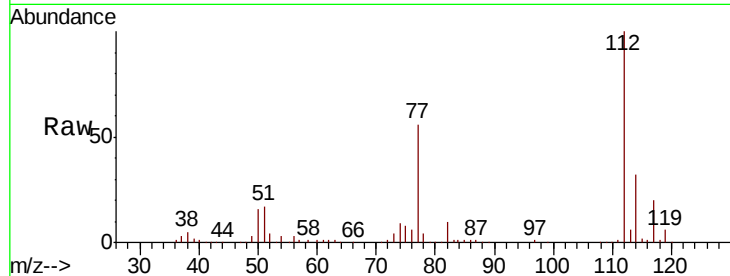




#65
Chlorobenzene
Concen: 18.729 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

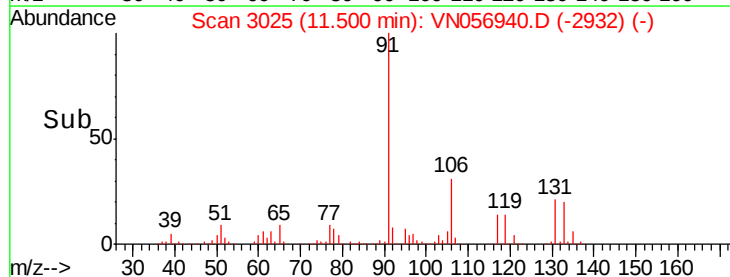
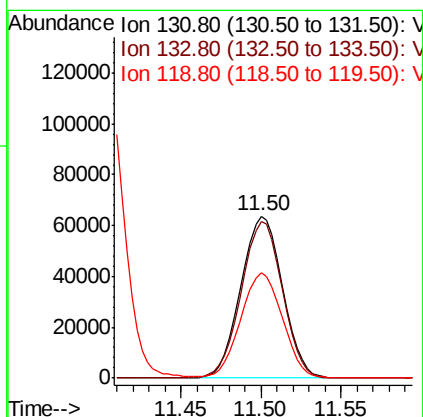
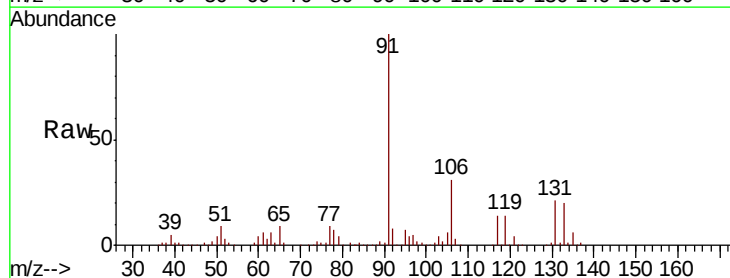
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

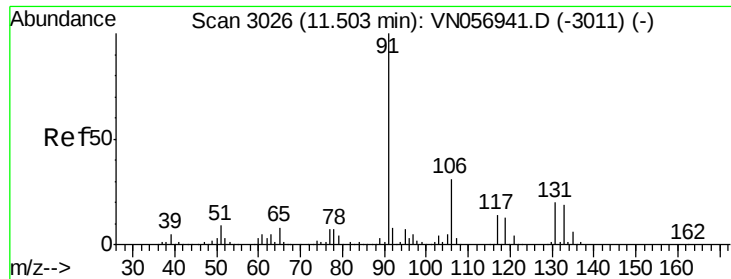
Tot Ion:112 Resp: 304026
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.718 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Tgt Ion:131 Resp: 113435
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.0
119 65.5 33.2 99.6

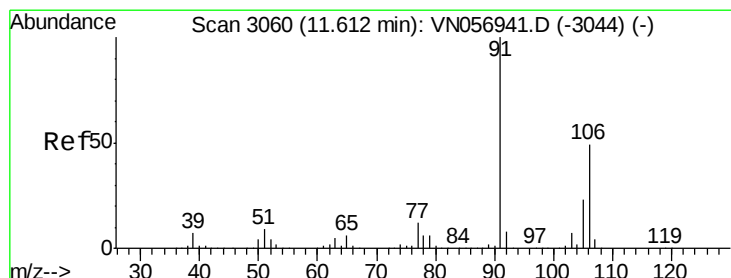
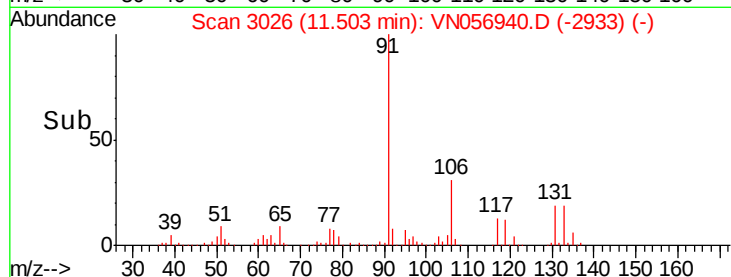
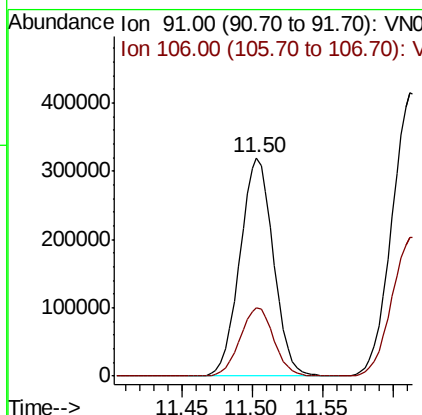
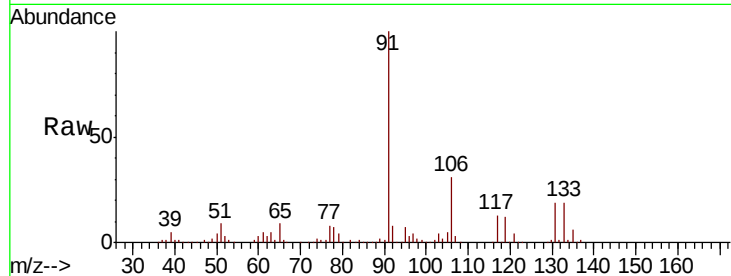




#67
Ethyl Benzene
Concen: 18.995 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

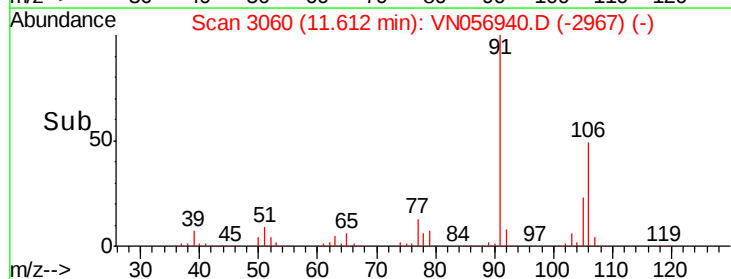
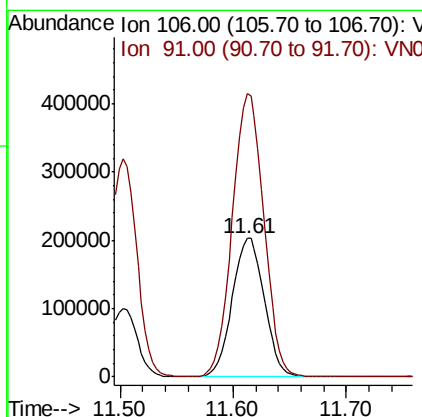
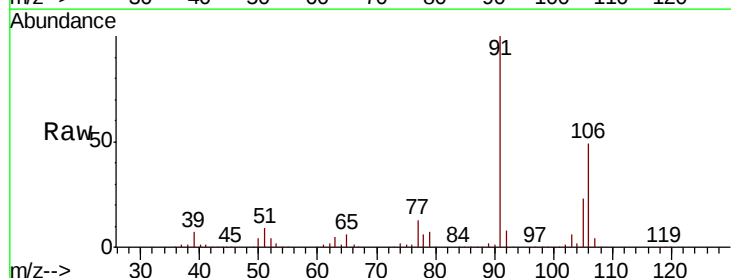
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

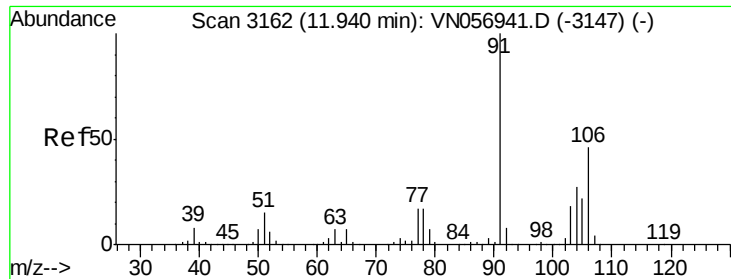
Tot Ion: 91 Resp: 530708
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



#68
m/p-Xylenes
Concen: 38.407 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Tgt Ion: 106 Resp: 399659
Ion Ratio Lower Upper
106 100
91 201.2 160.0 240.0

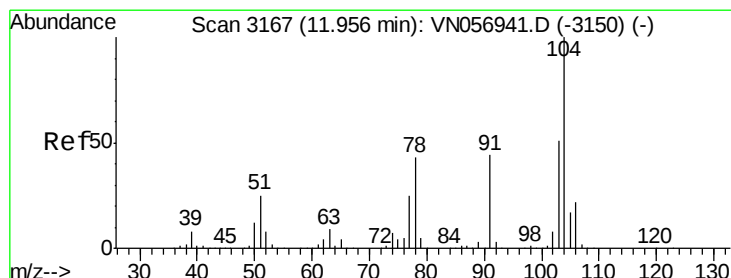
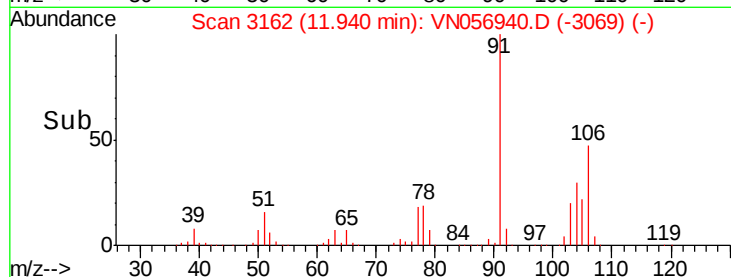
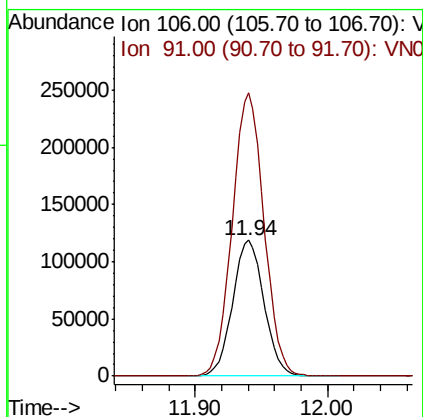
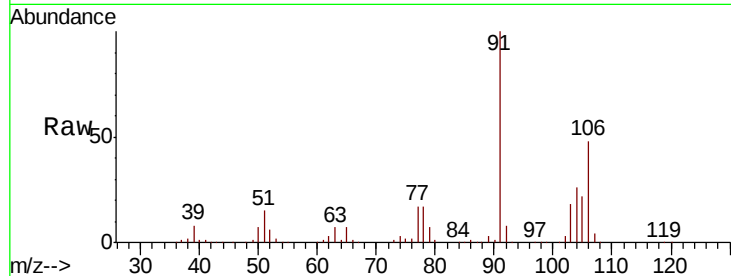




#69
o-Xylene
Concen: 19.169 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

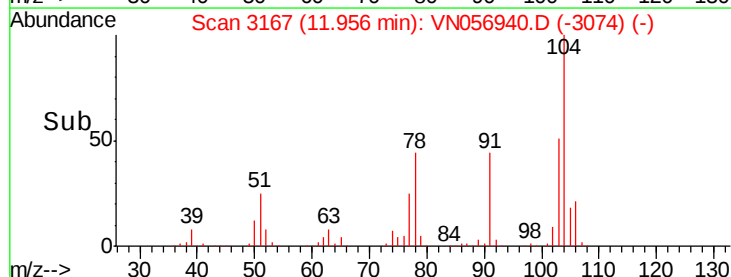
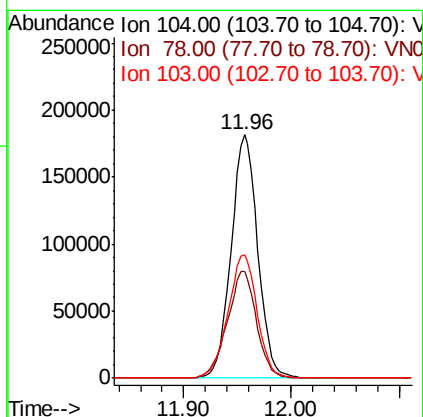
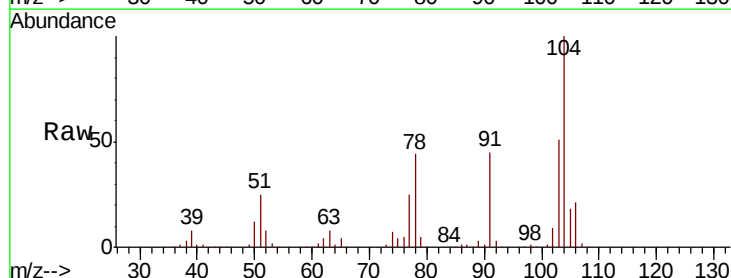
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

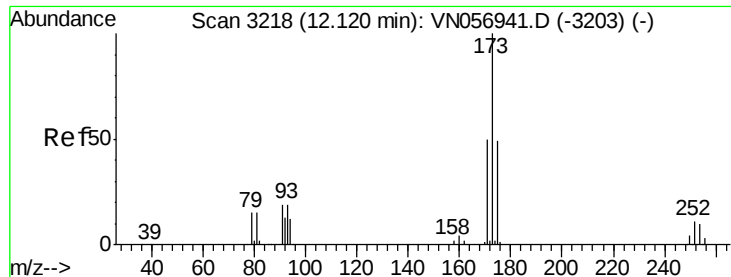
Tot Ion:106 Resp: 195178
Ion Ratio Lower Upper
106 100
91 210.2 106.2 318.6



#70
Styrene
Concen: 19.376 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Tgt Ion:104 Resp: 312529
Ion Ratio Lower Upper
104 100
78 48.0 38.1 57.1
103 55.4 44.3 66.5





#71

Bromoform

Concen: 17.854 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

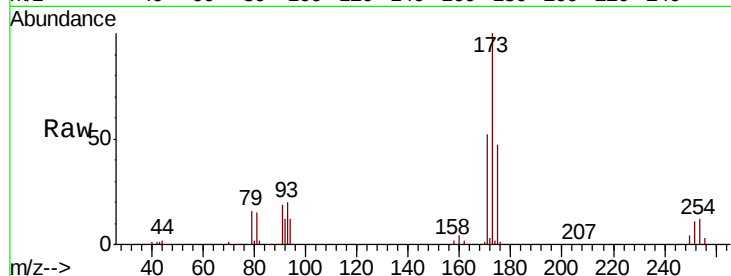
Tot Ion:173 Resp: 75935

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

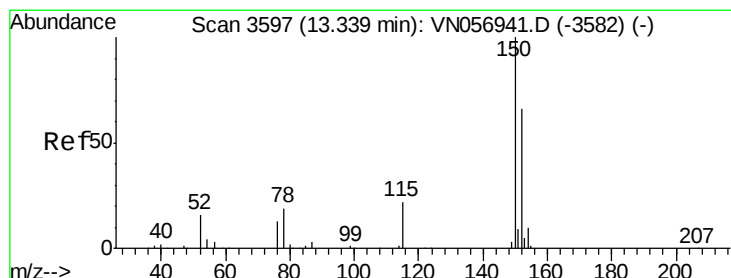
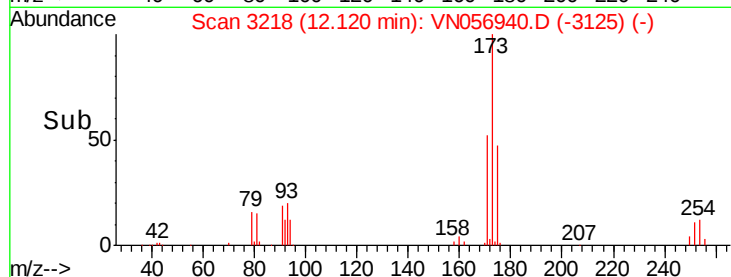
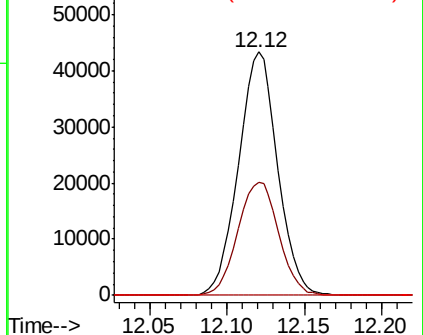
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

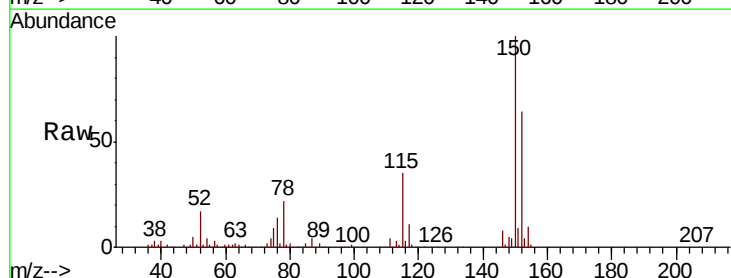
Tgt Ion:152 Resp: 319071

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.6

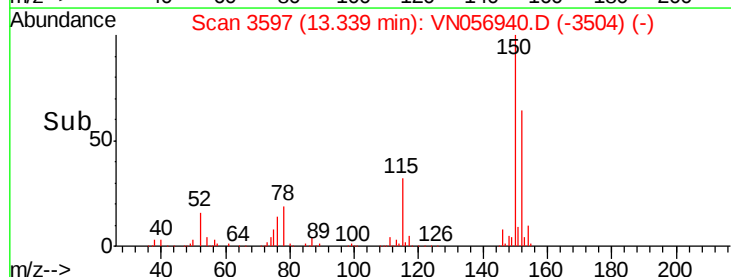
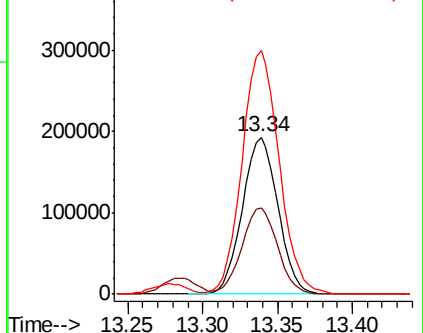
150 162.1 0.0 349.4

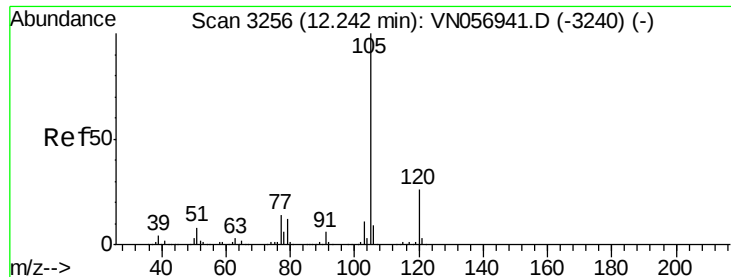


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.047 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

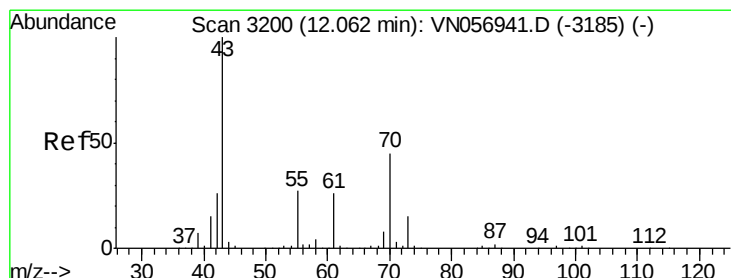
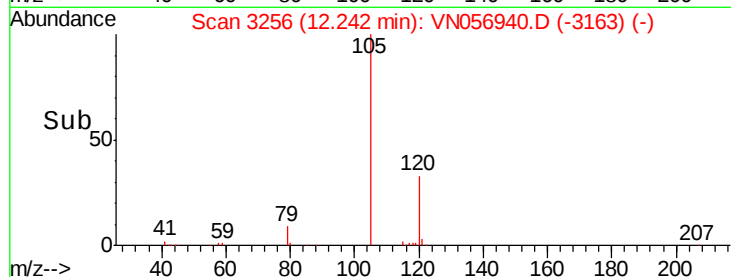
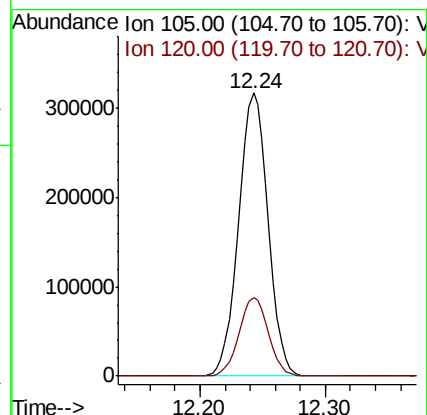
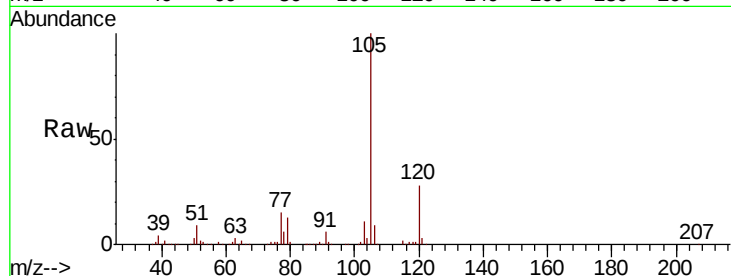
VSTDIC020

Tot Ion:105 Resp: 516096

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5



#74

N-ethyl acetate

Concen: 16.899 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Tgt Ion: 43 Resp: 142709

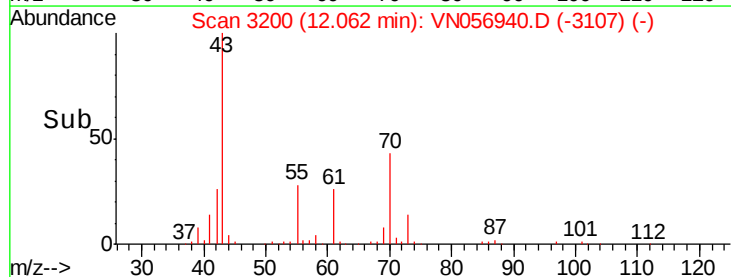
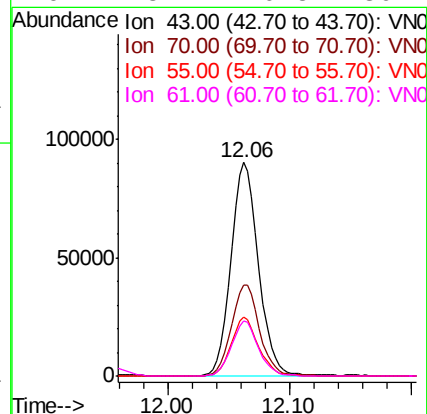
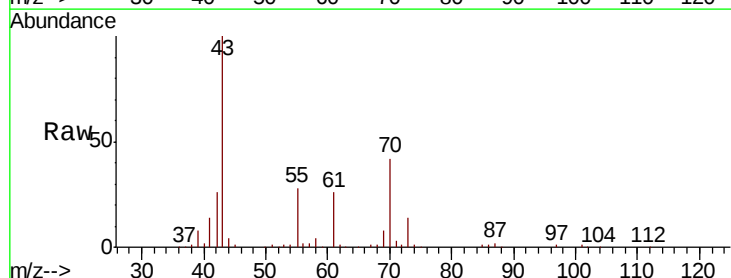
Ion Ratio Lower Upper

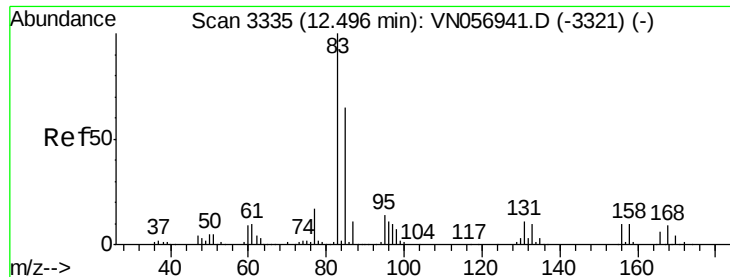
43 100

70 43.4 36.5 54.7

55 27.3 21.4 32.0

61 25.1 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 17.069 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

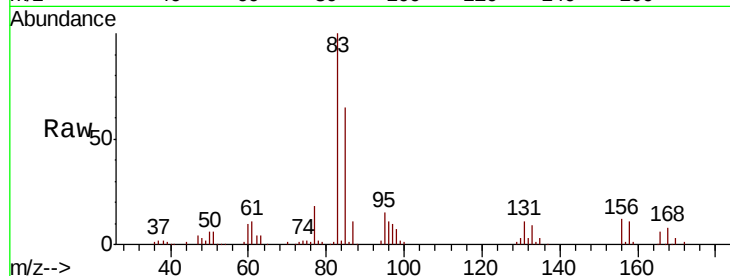
Tot Ion: 83 Resp: 142240

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.3	16.1
85	65.4	32.5	97.4

83 100

131 10.8 5.3 16.1

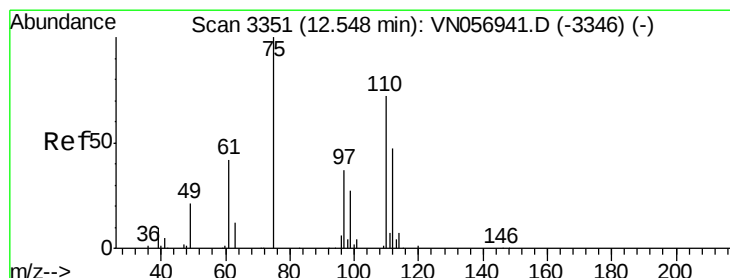
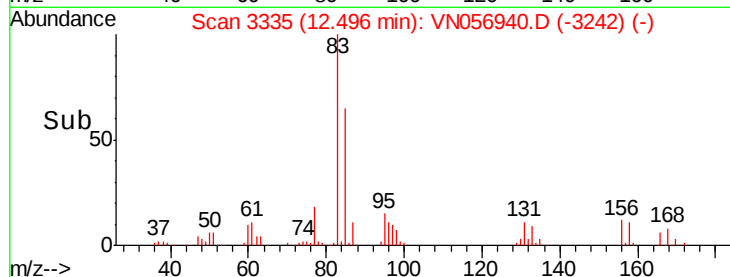
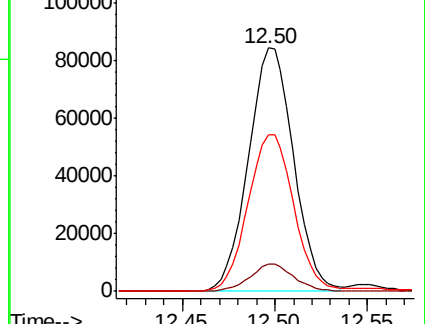
85 65.4 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.709 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN056940.D

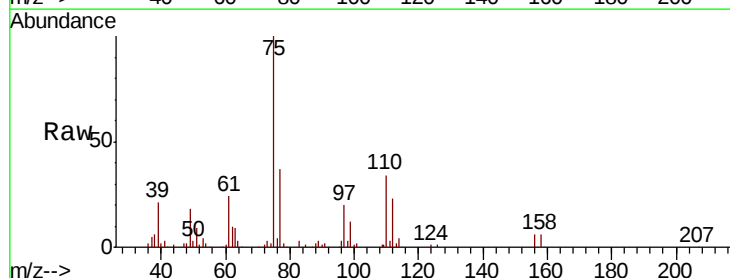
Acq: 26 Jul 2019 10:00

Tgt Ion: 75 Resp: 166864

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

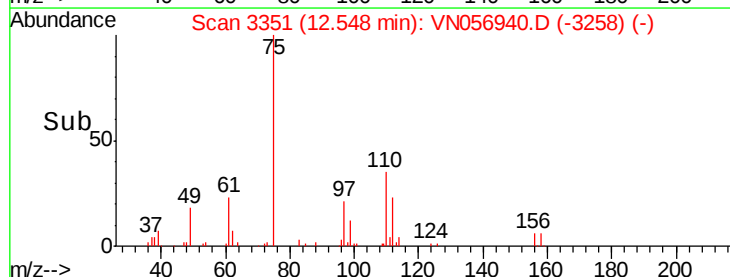
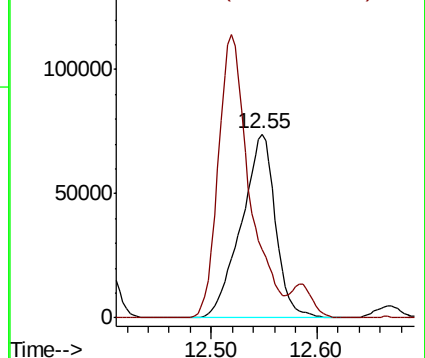
75 100

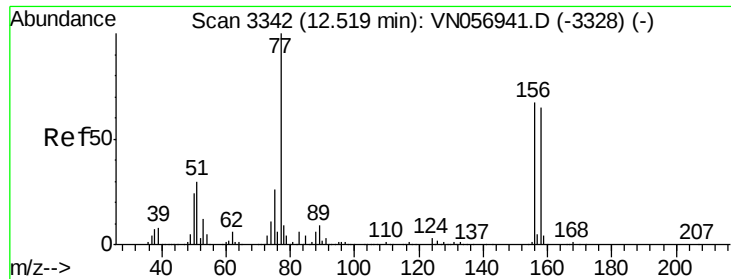
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.472 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

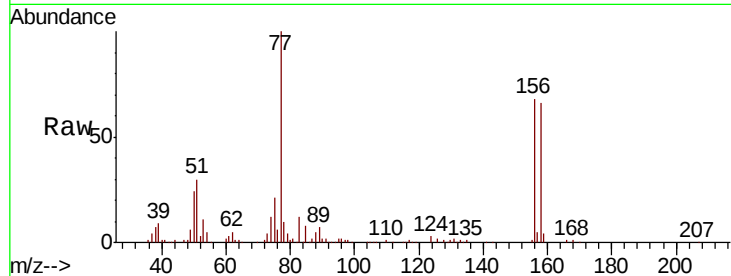
Tot Ion:156 Resp: 135281

Ion Ratio Lower Upper

156 100

77 173.1 89.5 268.5

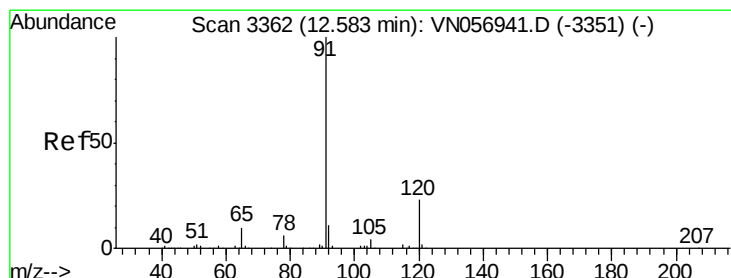
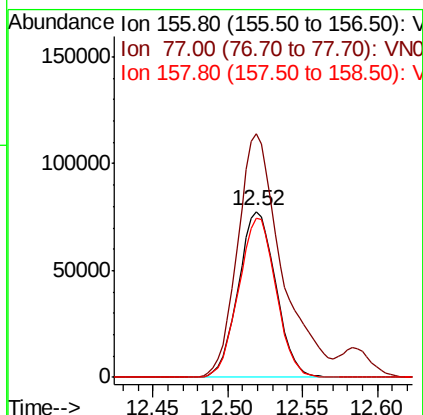
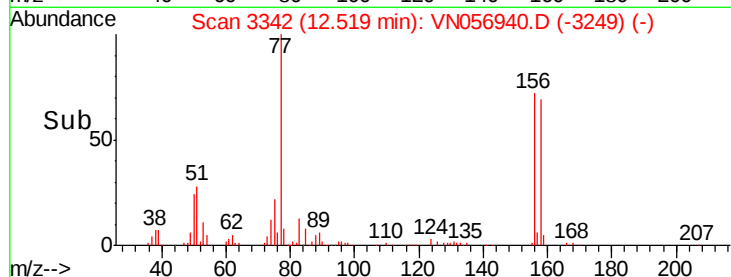
158 95.8 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.421 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN056940.D

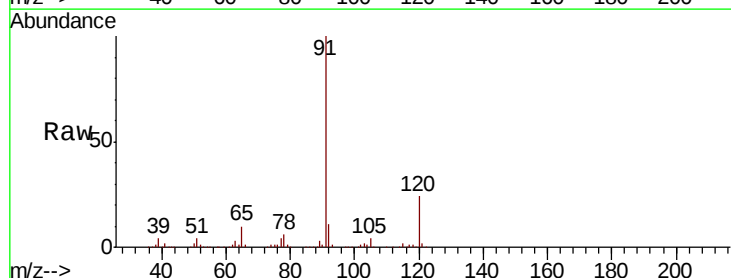
Acq: 26 Jul 2019 10:00

Tgt Ion: 91 Resp: 556613

Ion Ratio Lower Upper

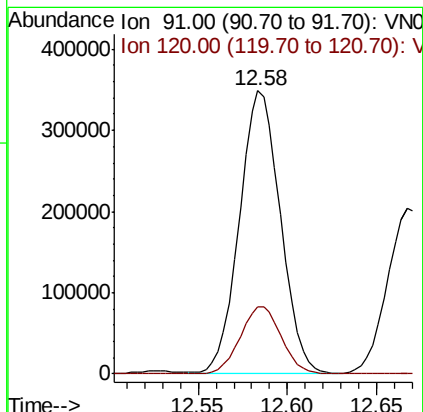
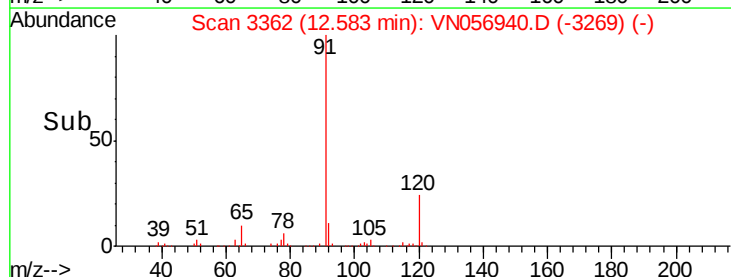
91 100

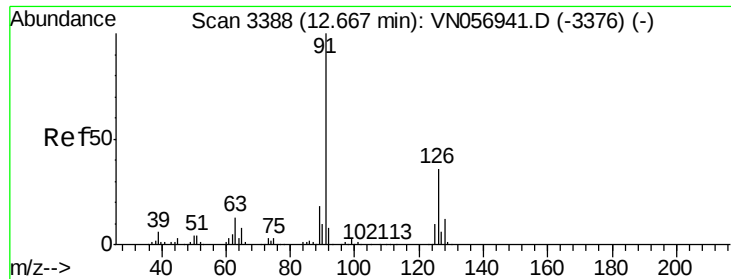
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.026 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

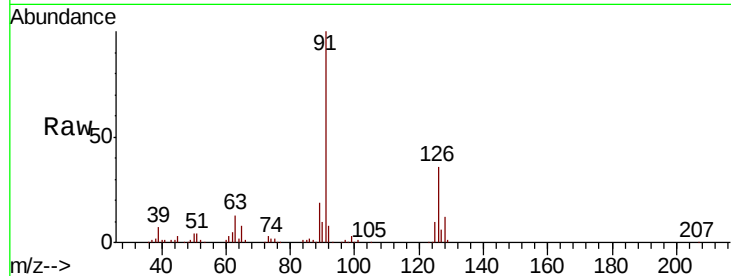
VSTDIC020

Tot Ion: 91 Resp: 339093

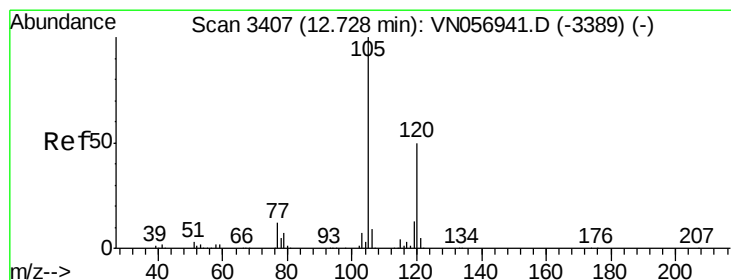
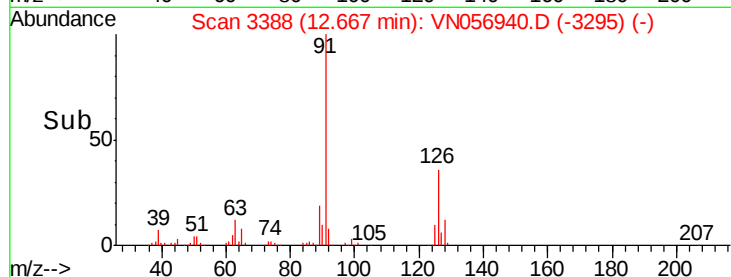
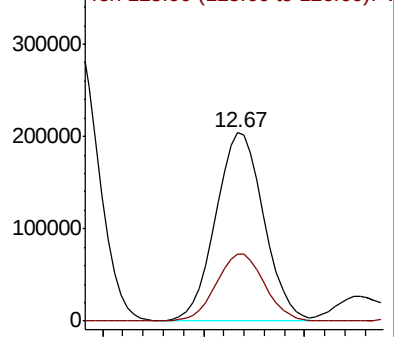
Ion Ratio Lower Upper

91 100

126 36.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN056940.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.307 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN056940.D

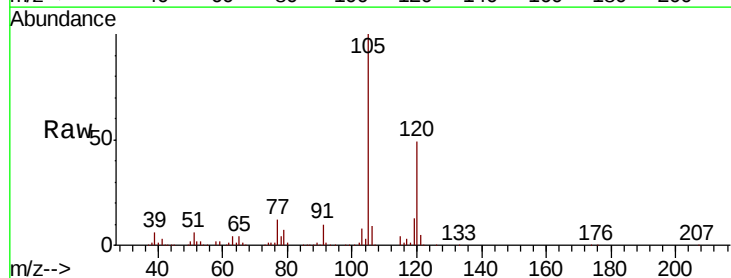
Acq: 26 Jul 2019 10:00

Tgt Ion: 105 Resp: 432349

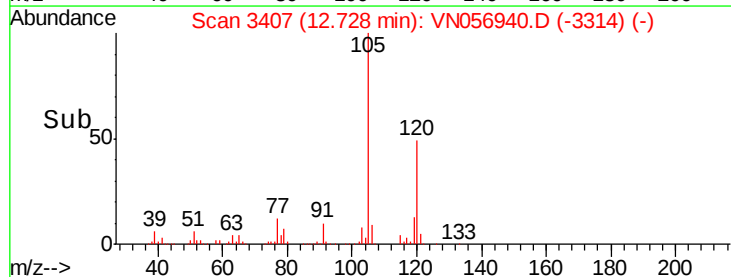
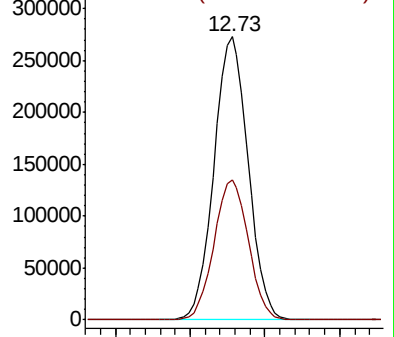
Ion Ratio Lower Upper

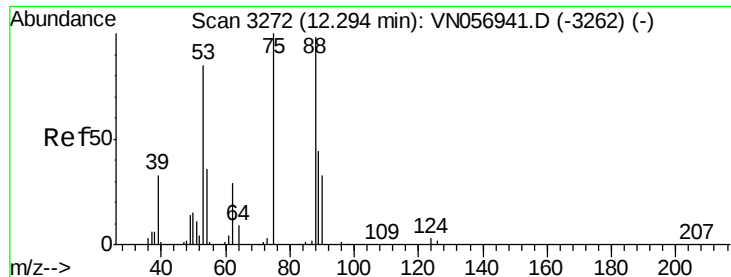
105 100

120 49.9 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056940.D (-3389) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.108 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

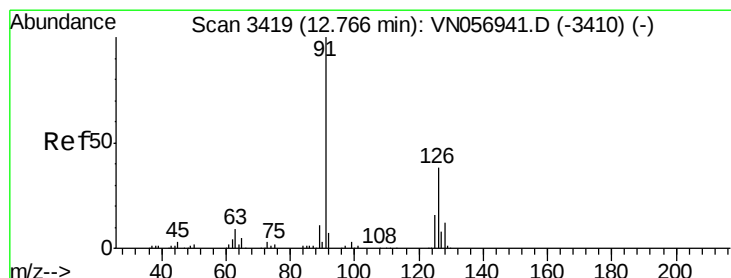
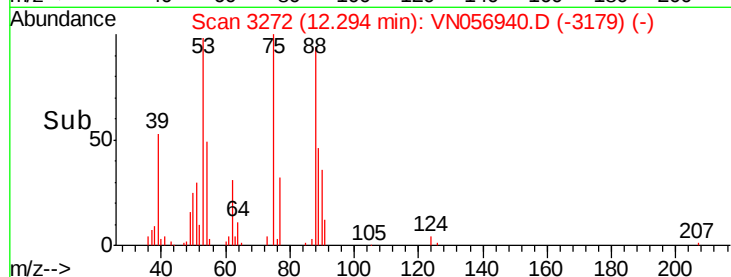
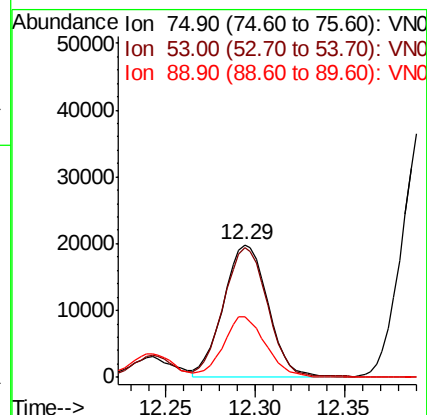
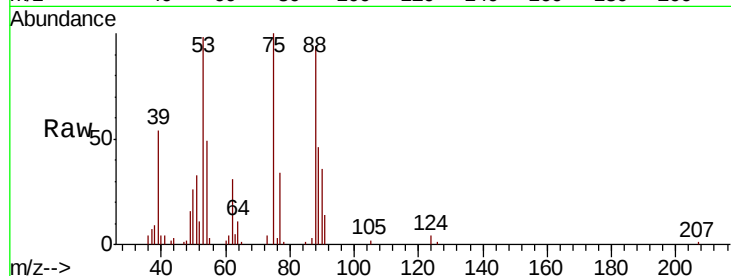
Tot Ion: 75 Resp: 34661

Ion Ratio Lower Upper

75 100

53 94.9 69.3 103.9

89 43.1 35.8 53.6



#82

4-Chlorotoluene

Concen: 18.811 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN056940.D

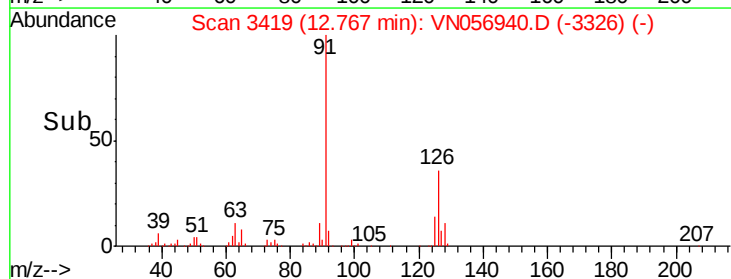
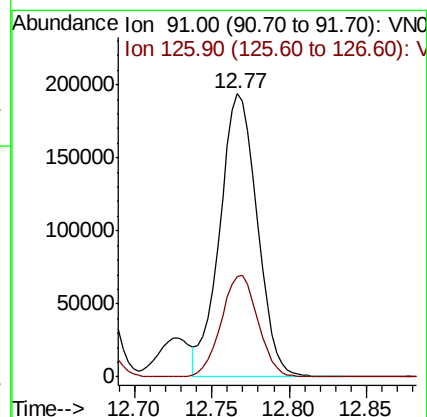
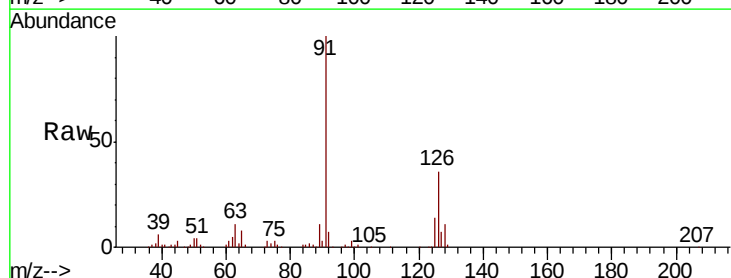
Acq: 26 Jul 2019 10:00

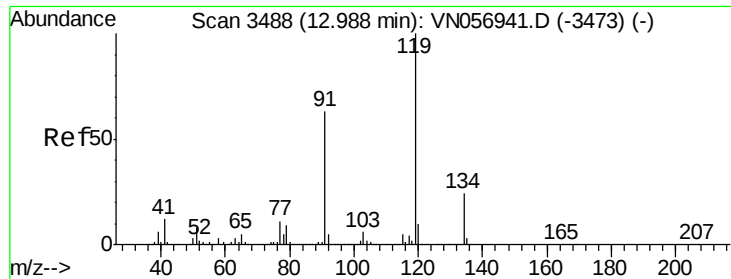
Tgt Ion: 91 Resp: 324738

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.5

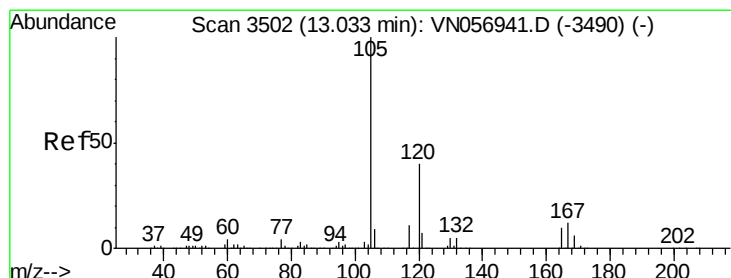
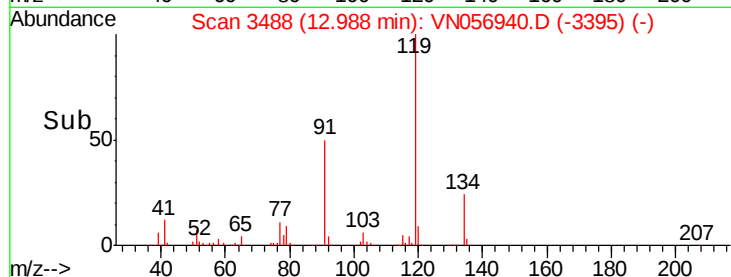
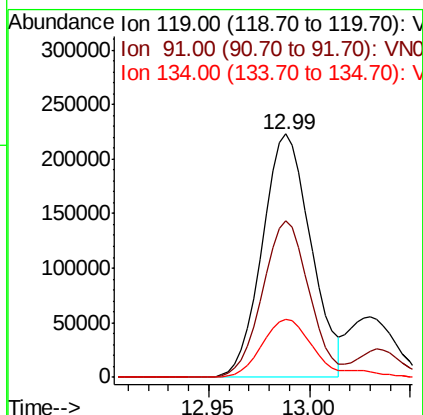
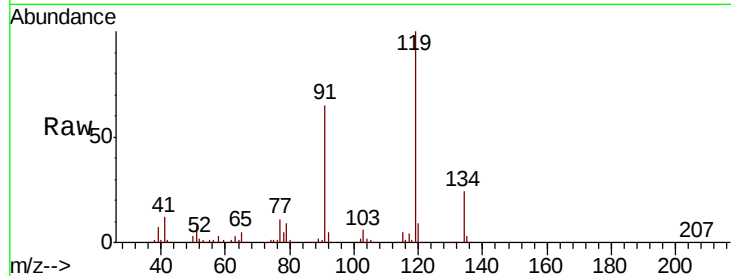




#83
tert-Butylbenzene
Concen: 17.932 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

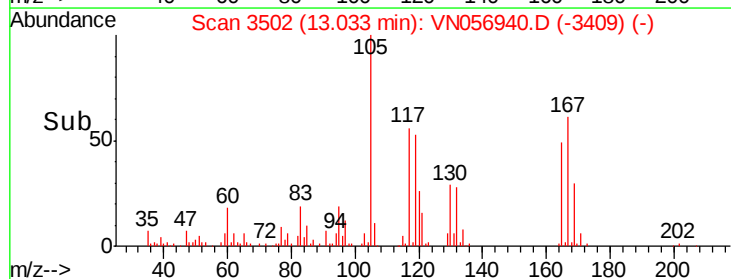
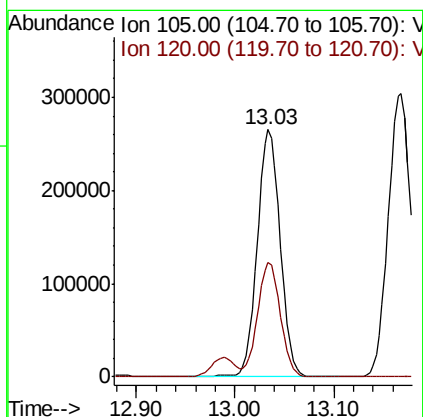
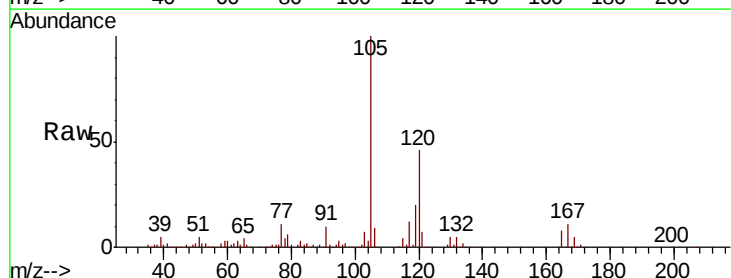
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

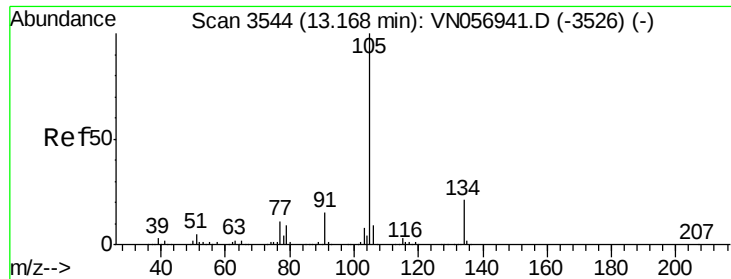
Tot Ion:119 Resp: 373647
Ion Ratio Lower Upper
119 100
91 62.0 31.3 93.8
134 26.1 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 18.955 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. 0.00 min
Lab File: VN056940.D
Acq: 26 Jul 2019 10:00

Tgt Ion:105 Resp: 423398
Ion Ratio Lower Upper
105 100
120 45.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.606 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

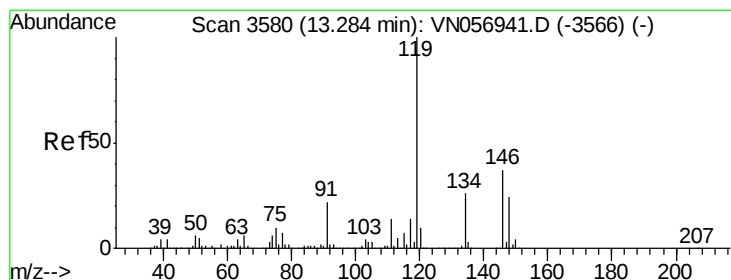
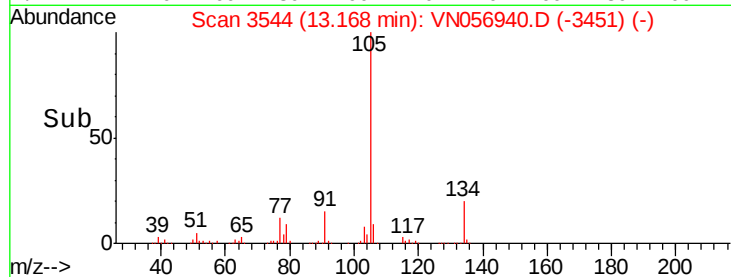
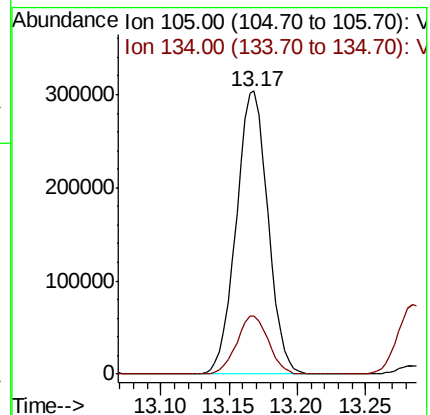
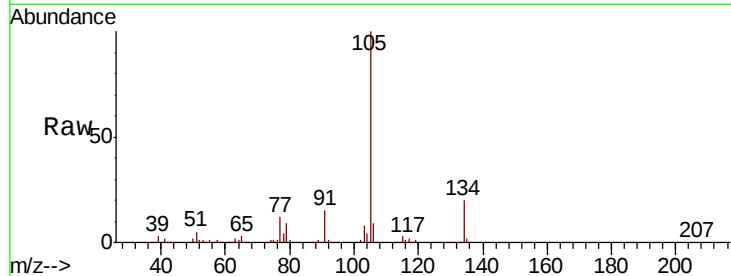
VSTDIC020

Tot Ion:105 Resp: 489553

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8



#86

p-Isopropyltoluene

Concen: 18.748 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

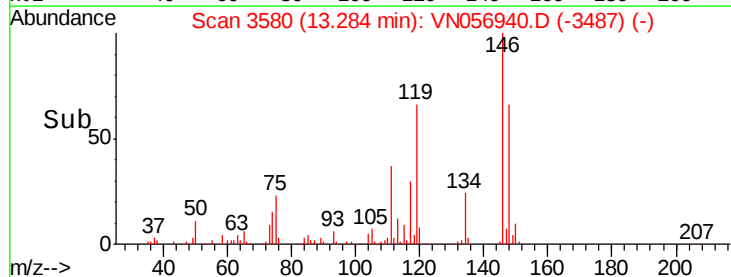
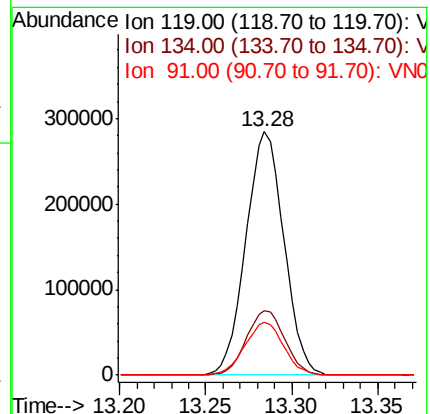
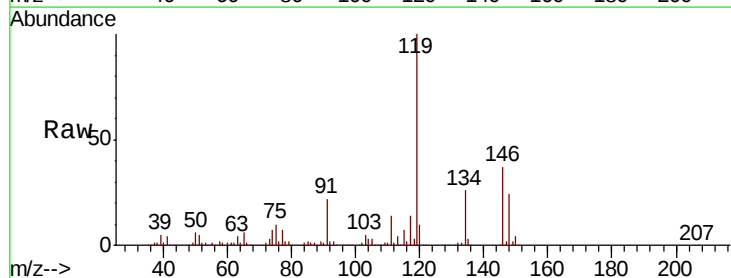
Tgt Ion:119 Resp: 436475

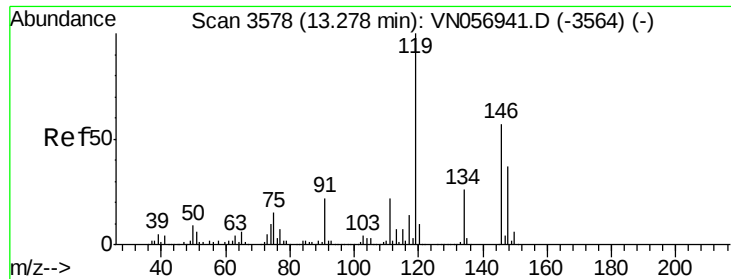
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.3 11.0 33.0

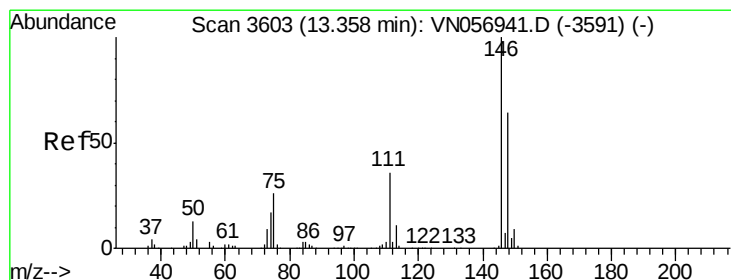
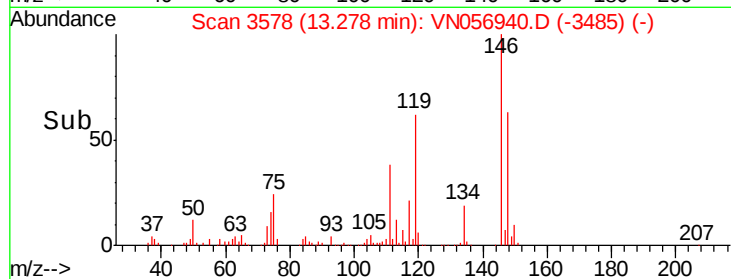
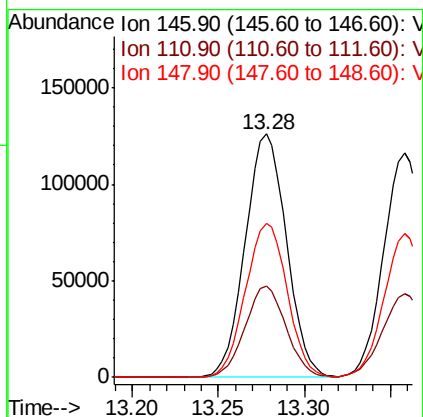
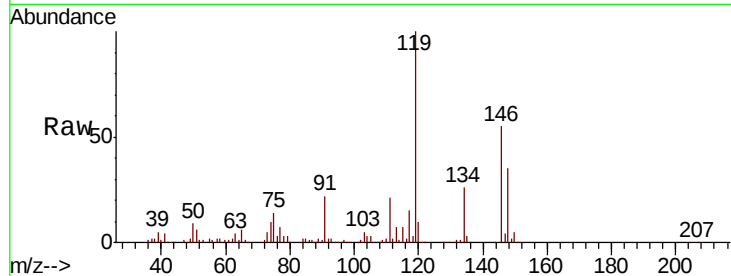




#87
 1,3-Dichlorobenzene
 Concen: 19.208 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

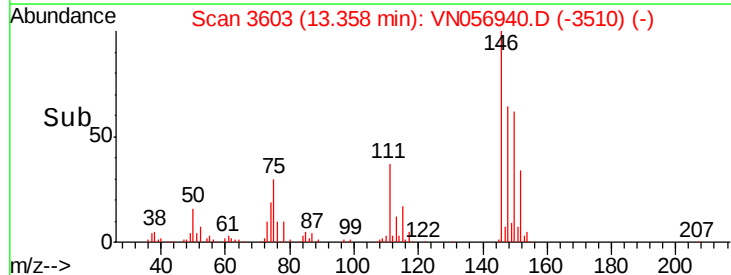
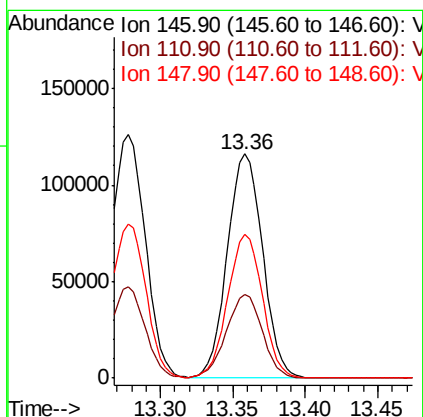
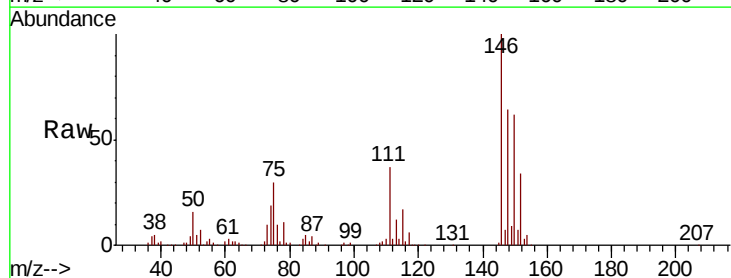
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

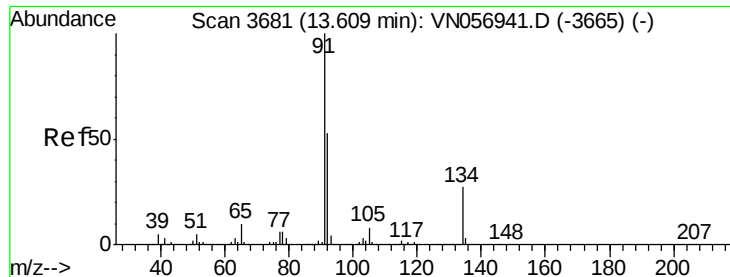
Tot Ion:146 Resp: 210164
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.8
 148 63.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 18.744 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN056940.D
 Acq: 26 Jul 2019 10:00

Tgt Ion:146 Resp: 196969
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.4 55.2
 148 62.9 32.3 96.9





#89

n-Butylbenzene

Concen: 18.107 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

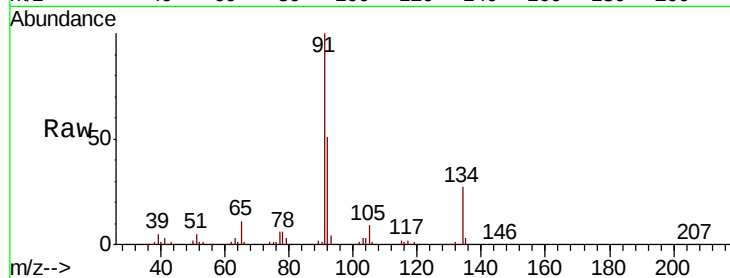
Tot Ion: 91 Resp: 325813

Ion Ratio Lower Upper

91 100

92 51.9 26.2 78.5

134 26.8 13.5 40.4

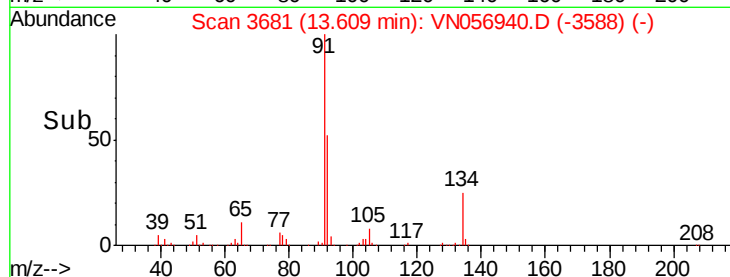


Abundance Ion 91.00 (90.70 to 91.70): VN056940.D (-3665) (-)

Ion 92.00 (91.70 to 92.70): VN056940.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN056940.D (-3665) (-)

Time-->

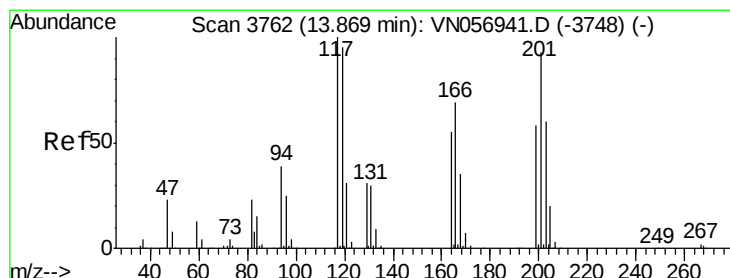


Abundance Ion 91.00 (90.70 to 91.70): VN056940.D (-3588) (-)

Ion 92.00 (91.70 to 92.70): VN056940.D (-3588) (-)

Ion 134.00 (133.70 to 134.70): VN056940.D (-3588) (-)

Time-->



#90

Hexachloroethane

Concen: 17.449 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN056940.D

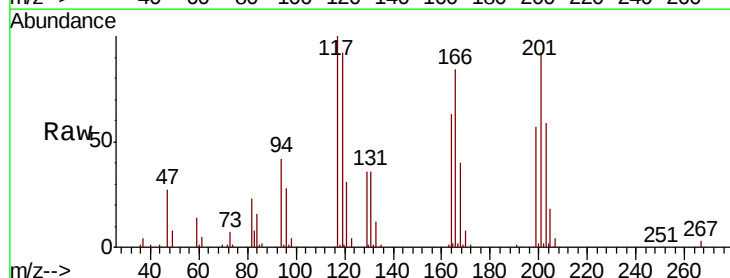
Acq: 26 Jul 2019 10:00

Tgt Ion: 117 Resp: 72362

Ion Ratio Lower Upper

117 100

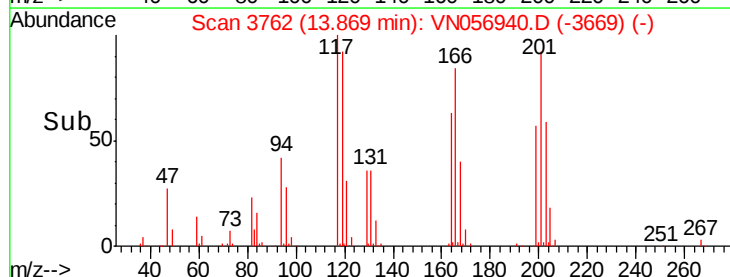
201 93.1 47.0 141.2



Abundance Ion 116.80 (116.50 to 117.50): VN056940.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN056940.D (-3748) (-)

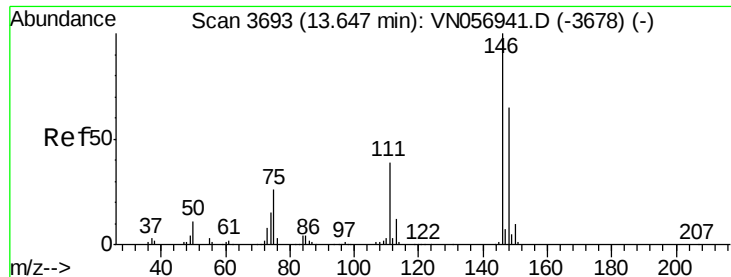
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN056940.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN056940.D (-3669) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 18.871 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

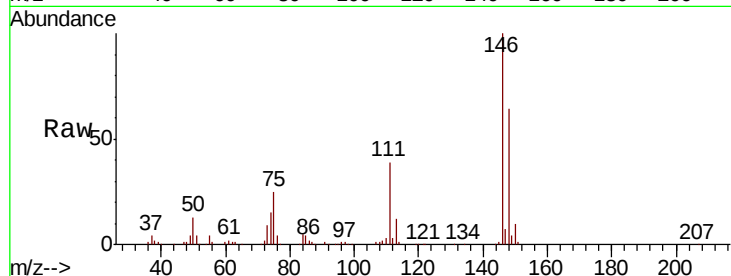
Tot Ion:146 Resp: 209310

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.4

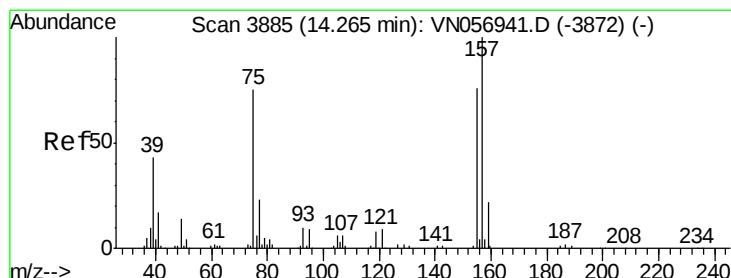
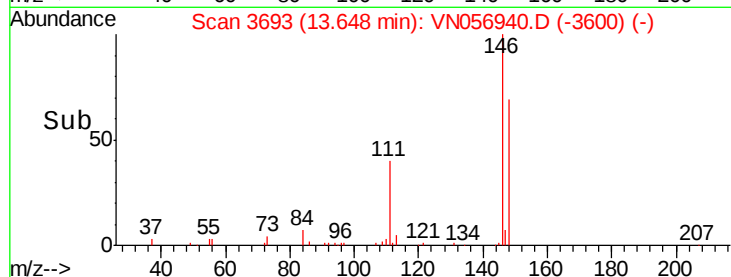
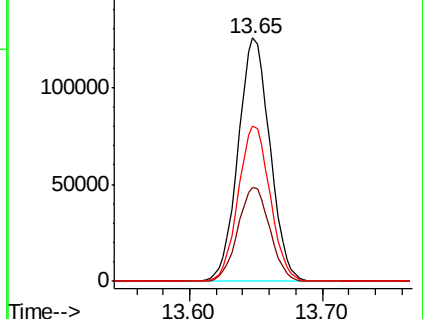
148 63.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.900 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

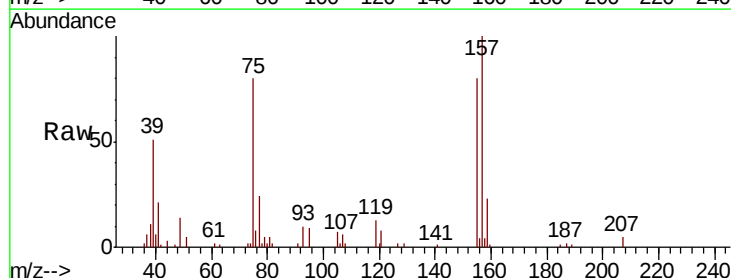
Tgt Ion: 75 Resp: 20377

Ion Ratio Lower Upper

75 100

155 99.2 50.2 150.6

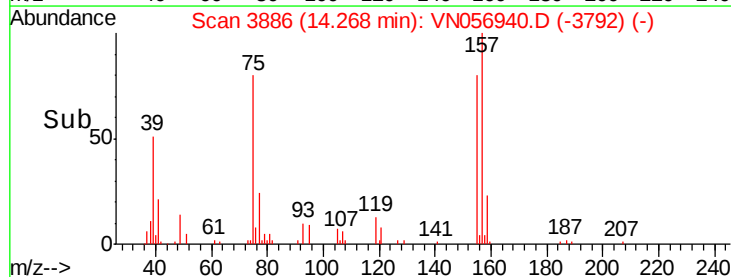
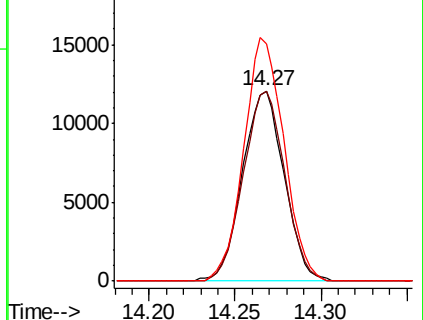
157 122.8 65.1 195.4

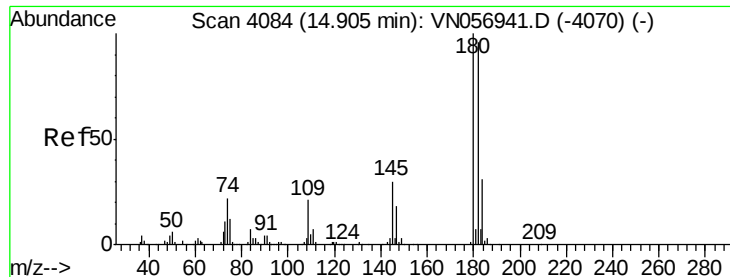


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.284 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

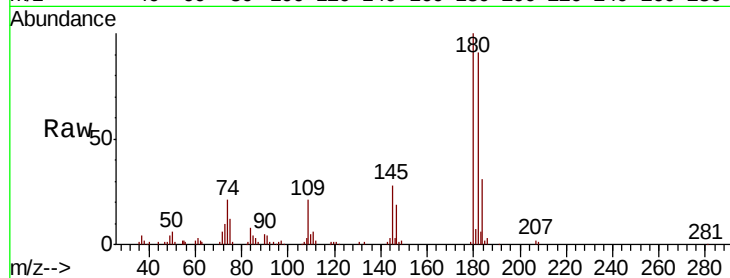
Tot Ion:180 Resp: 89261

Ion Ratio Lower Upper

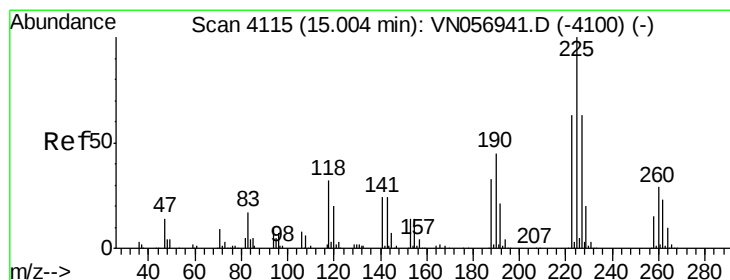
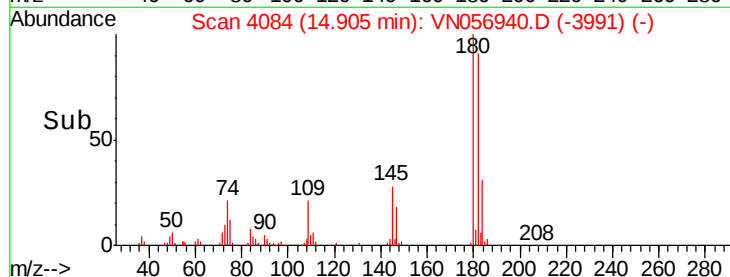
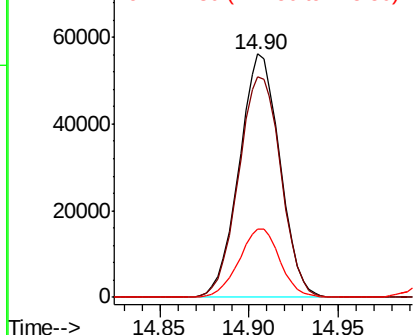
180 100

182 94.4 47.6 142.8

145 28.2 14.2 42.8



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: 18.042 ug/l

RT: 15.00 min Scan# 4115

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

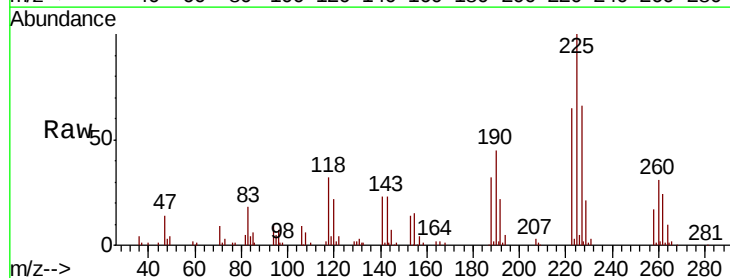
Tgt Ion:225 Resp: 81184

Ion Ratio Lower Upper

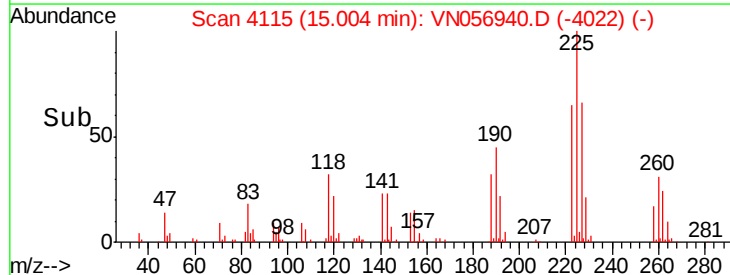
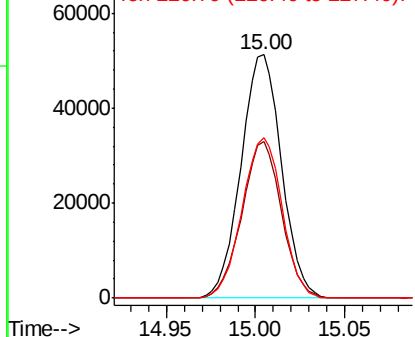
225 100

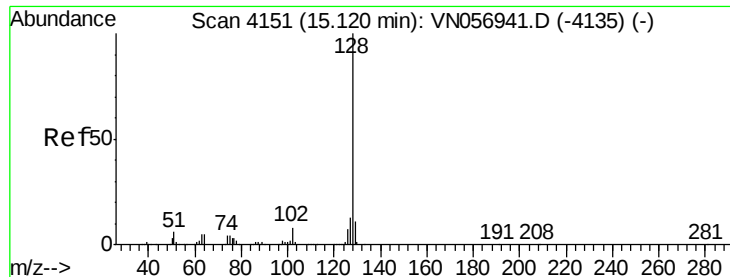
223 63.2 30.8 92.4

227 65.1 31.1 93.5



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





#95

Naphthalene

Concen: 15.969 ug/l

RT: 15.12 min Scan# 4151

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

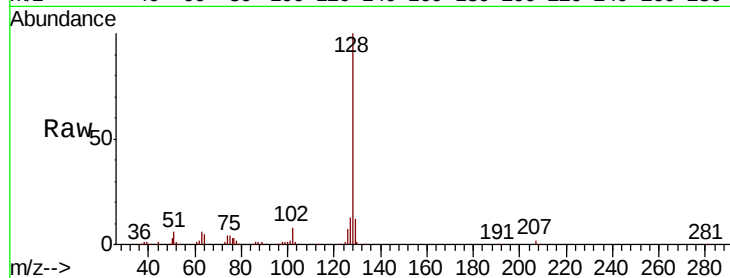
Tot Ion:128 Resp: 184131

Ion Ratio Lower Upper

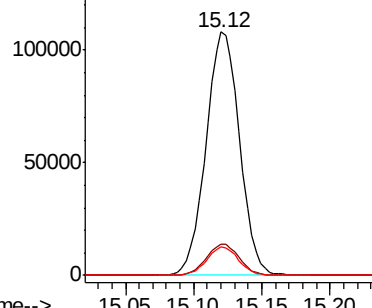
128 100

127 12.6 10.0 15.0

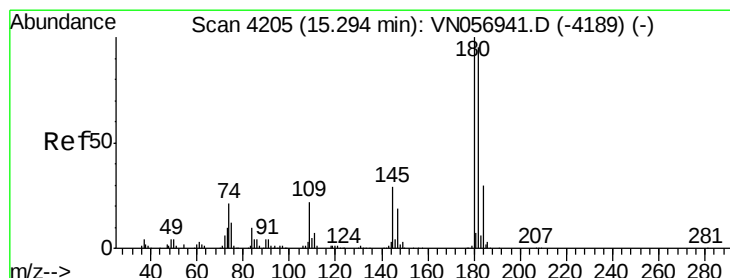
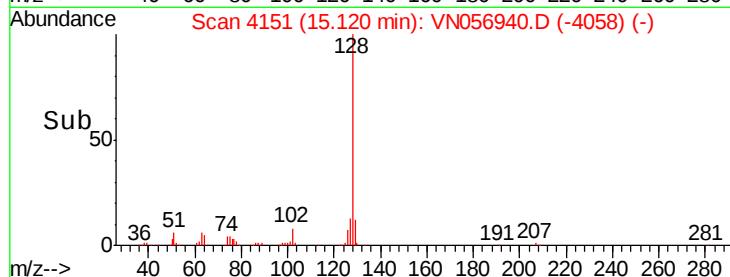
129 11.0 8.7 13.1



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



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.117 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN056940.D

Acq: 26 Jul 2019 10:00

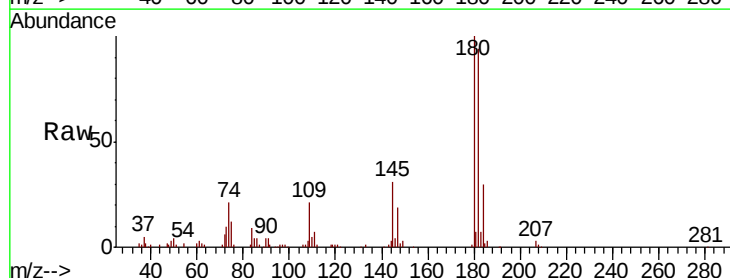
Tgt Ion:180 Resp: 94981

Ion Ratio Lower Upper

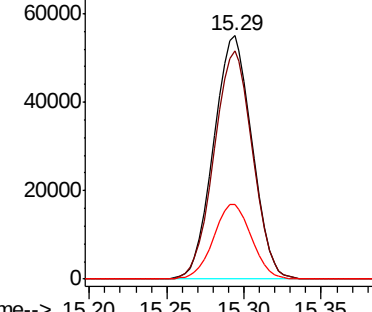
180 100

182 94.2 48.0 144.2

145 30.4 15.0 45.0



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



Time-->

