

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120319\
 Data File : VN059474.D
 Acq On : 3 Dec 2019 17:31
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120319

Manual Integrations
 APPROVED

apatel
 12/4/2019 9:22:22 AM

Quant Time: Dec 03 18:05:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	355303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	556695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	507152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	242951	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	216798	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	7.56	113	170995	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.08	98	674191	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.40	95	242829	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	187538	47.432	ug/l	100
3) Chloromethane	2.04	50	254436	48.014	ug/l	99
4) Vinyl Chloride	2.17	62	153644	48.317	ug/l	99
5) Bromomethane	2.54	94	92097	47.658	ug/l	98
6) Chloroethane	2.68	64	90586	48.251	ug/l	98
7) Trichlorofluoromethane	2.99	101	201735	52.529	ug/l	99
8) Diethyl Ether	3.38	74	121463	48.542	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	185483	49.200	ug/l	98
10) Methyl Iodide	3.92	142	241430	50.576	ug/l	99
11) Tert butyl alcohol	4.75	59	211263	254.004	ug/l #	86
12) 1,1-Dichloroethene	3.71	96	180515	48.983	ug/l	97
13) Acrolein	3.58	56	168479	233.403	ug/l	99
14) Allyl chloride	4.29	41	353885	48.755	ug/l	99
15) Acrylonitrile	4.95	53	551866	245.258	ug/l	100
16) Acetone	3.79	43	611152	247.905	ug/l	99
17) Carbon Disulfide	4.02	76	579166	46.059	ug/l	99
18) Methyl Acetate	4.29	43	282133	47.483	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	627465	49.957	ug/l	99
20) Methylene Chloride	4.52	84	208054	50.046	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	201967	48.980	ug/l	98
22) Diisopropyl ether	5.92	45	687861	50.915	ug/l	97
23) Vinyl Acetate	5.86	43	2866769	264.446	ug/l	100
24) 1,1-Dichloroethane	5.81	63	381299	49.683	ug/l	99
25) 2-Butanone	6.81	43	805317	240.045	ug/l	99
26) 2,2-Dichloropropane	6.80	77	326497	49.187	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	227416	49.659	ug/l	98
28) Bromochloromethane	7.17	49	142539	47.731	ug/l	98
29) Tetrahydrofuran	7.18	42	505282	239.526	ug/l	100
30) Chloroform	7.35	83	363442	49.047	ug/l	99
31) Cyclohexane	7.63	56	356125	47.891	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	312003	48.444	ug/l	99
36) 1,1-Dichloropropene	7.77	75	289633	49.996	ug/l	99
37) Ethyl Acetate	6.90	43	310021	47.910	ug/l	99
38) Carbon Tetrachloride	7.75	117	276820	49.682	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	356865	51.189	ug/l	99
40) Benzene	8.02	78	850715	50.148	ug/l	98
41) Methacrylonitrile	7.16	41	151471m	57.757	ug/l	
42) 1,2-Dichloroethane	8.10	62	287920	49.964	ug/l	100
43) Isopropyl Acetate	8.14	43	488070	50.712	ug/l	100
44) Trichloroethene	8.82	130	215796	48.677	ug/l	99
45) 1,2-Dichloropropane	9.10	63	227413	50.177	ug/l	98
46) Dibromomethane	9.19	93	140621	49.835	ug/l	100
47) Bromodichloromethane	9.39	83	287971	50.898	ug/l	99
48) Methyl methacrylate	9.18	41	219123	50.465	ug/l	100
49) 1,4-Dioxane	9.18	88	76846	1169.595	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1480273	259.109	ug/l	100
52) Toluene	10.14	92	519610	50.645	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	336694	50.573	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	364898	51.710	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	202103	49.969	ug/l	99
56) Ethyl methacrylate	10.42	69	318886	48.738	ug/l	99
57) 1,3-Dichloropropane	10.70	76	352083	50.339	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	511706	230.458	ug/l	100
59) 2-Hexanone	10.74	43	1121699	260.897	ug/l	100
60) Dibromochloromethane	10.90	129	219985	50.940	ug/l	99
61) 1,2-Dibromoethane	11.00	107	208377	49.860	ug/l	98
64) Tetrachloroethene	10.63	164	200298	46.431	ug/l	98
65) Chlorobenzene	11.43	112	541557	48.846	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	200367	50.296	ug/l	100
67) Ethyl Benzene	11.51	91	991279	51.031	ug/l	100
68) m/p-Xylenes	11.62	106	743804	102.836	ug/l	98
69) o-Xylene	11.95	106	353116	51.280	ug/l	99
70) Styrene	11.96	104	575290	52.335	ug/l	100
71) Bromoform	12.12	173	158023	50.890	ug/l #	99
73) Isopropylbenzene	12.25	105	947702	48.640	ug/l	100
74) N-amyl acetate	12.07	43	398146	50.732	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	300173	48.029	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	287663m	47.620	ug/l	
77) Bromobenzene	12.53	156	229011	47.036	ug/l	99
78) n-propylbenzene	12.59	91	1124190	49.581	ug/l	100
79) 2-Chlorotoluene	12.67	91	653437	47.807	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	811506	49.839	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	112925	49.059	ug/l	100
82) 4-Chlorotoluene	12.77	91	682150	48.372	ug/l	100
83) tert-Butylbenzene	12.99	119	689493	48.775	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	812555	51.064	ug/l	99
85) sec-Butylbenzene	13.17	105	929140	49.593	ug/l	100
86) p-Isopropyltoluene	13.29	119	845277	50.346	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	416337	48.499	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	413846	47.801	ug/l	99
89) n-Butylbenzene	13.62	91	742222	49.343	ug/l	99
90) Hexachloroethane	13.88	117	152793	47.186	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	399570	48.553	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	62205	48.258	ug/l	99

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QLast Update : Tue Dec 03 16:37:42 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	247640	49.292	ug/l	99
94) Hexachlorobutadiene	15.01	225	144403	50.837	ug/l	99
95) Naphthalene	15.13	128	647321	46.925	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	248015	49.176	ug/l	98

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

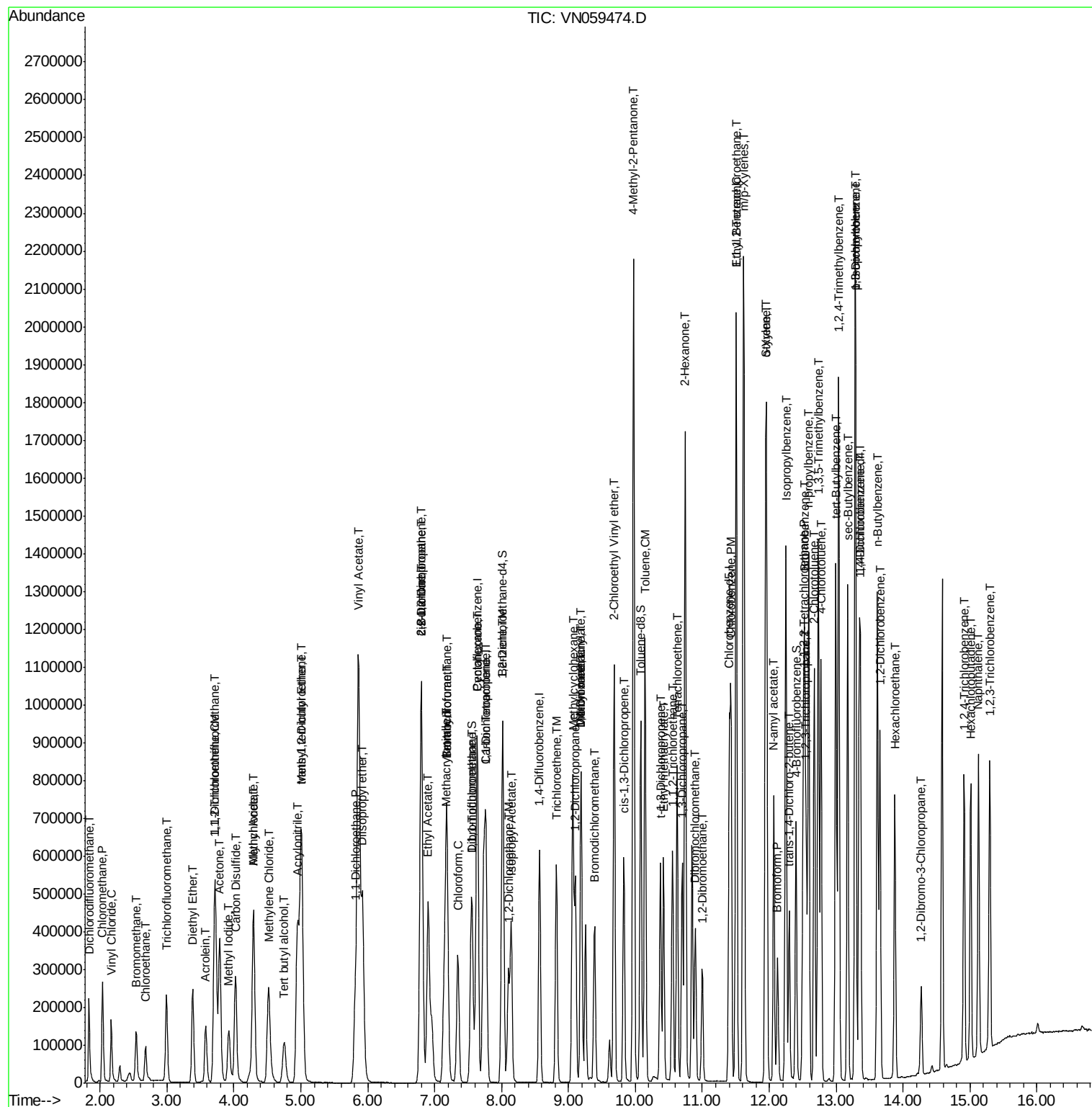
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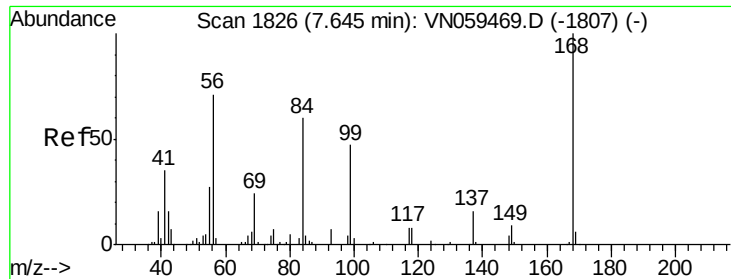
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120319

Tot Ion:168 Resp: 355303

Ion Ratio Lower Upper

168 100

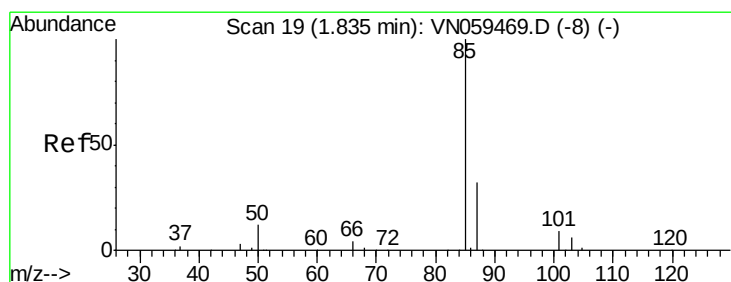
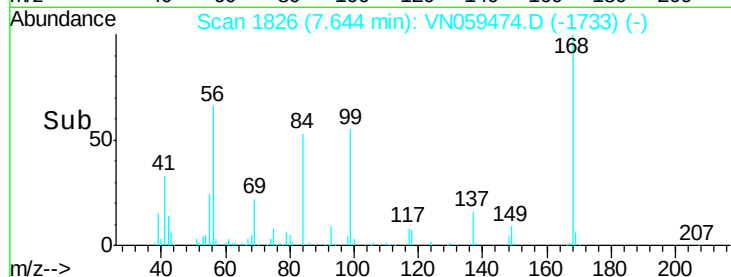
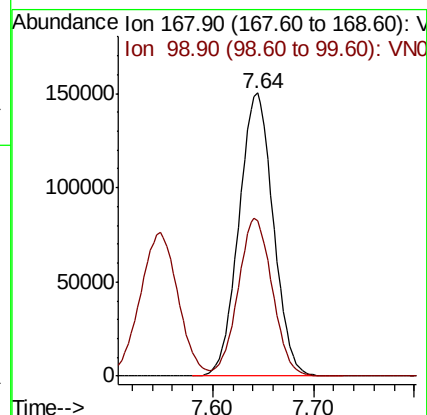
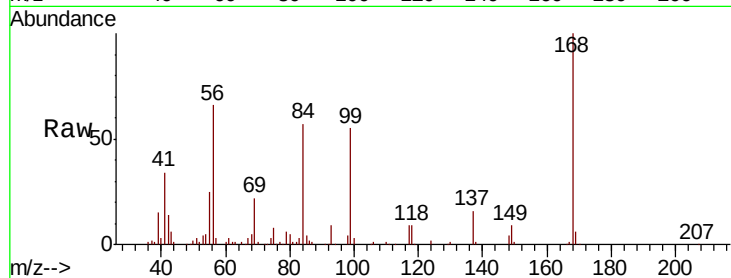
99 54.7 43.4 65.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 47.432 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059474.D

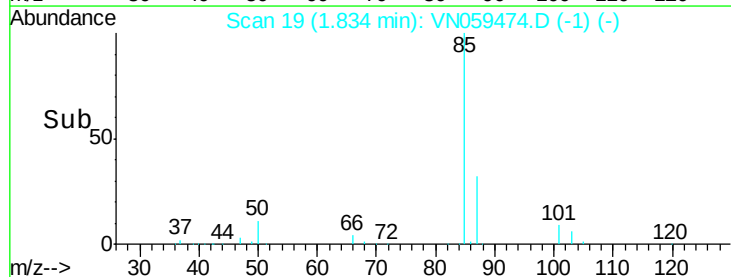
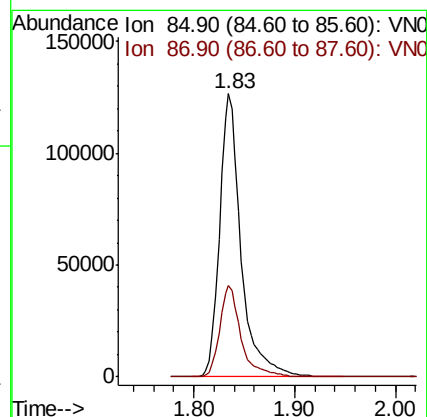
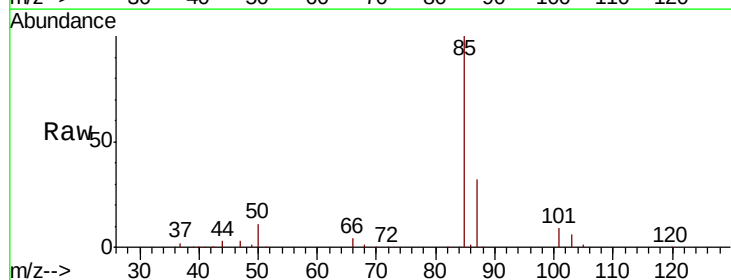
Acq: 3 Dec 2019 17:31

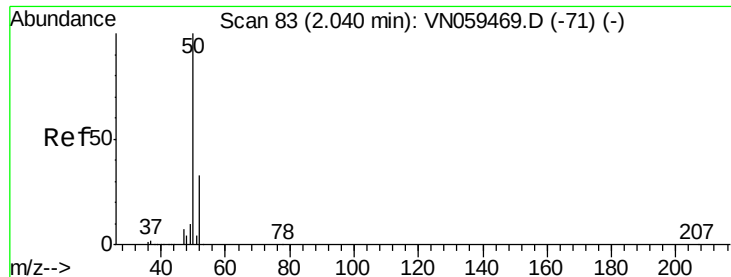
Tgt Ion: 85 Resp: 187538

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.3





#3

Chloromethane

Concen: 48.014 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120319

Tot Ion: 50 Resp: 254436

Ion Ratio Lower Upper

50 100

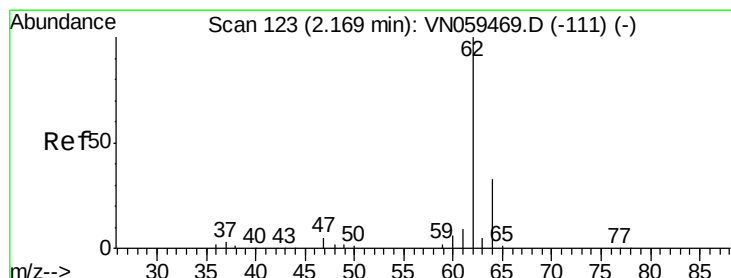
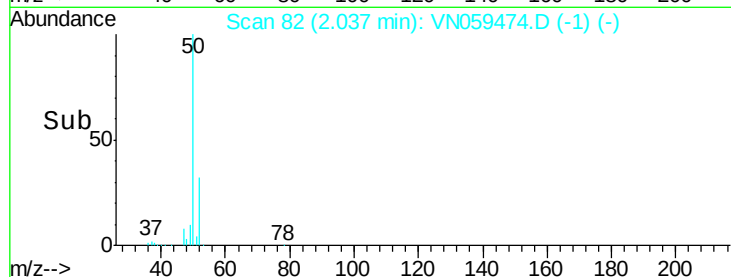
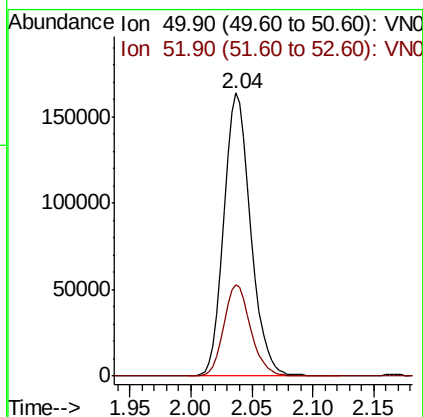
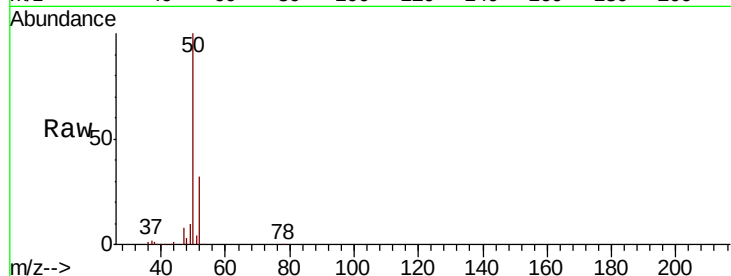
52 32.5 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.317 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059474.D

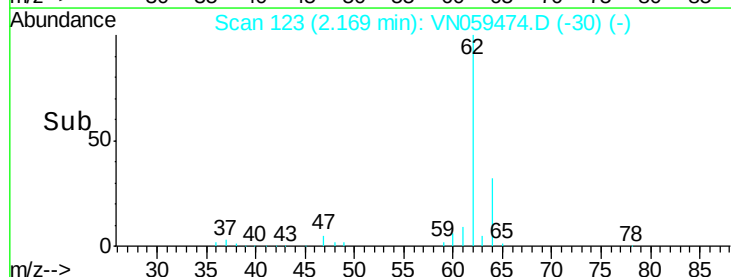
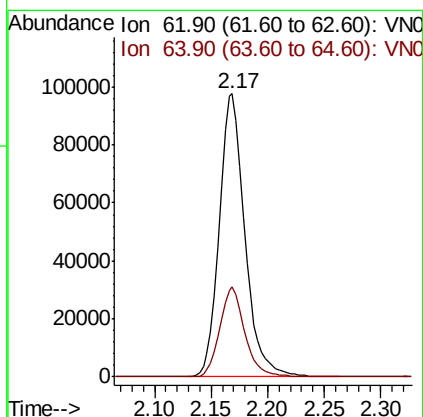
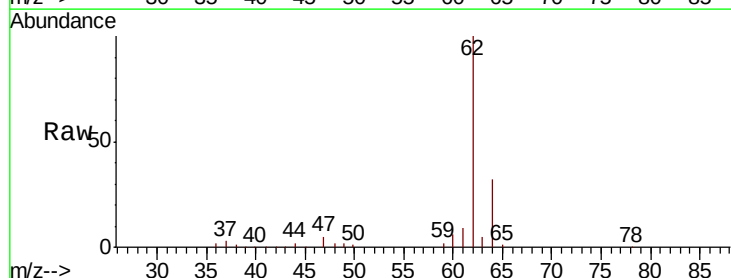
Acq: 3 Dec 2019 17:31

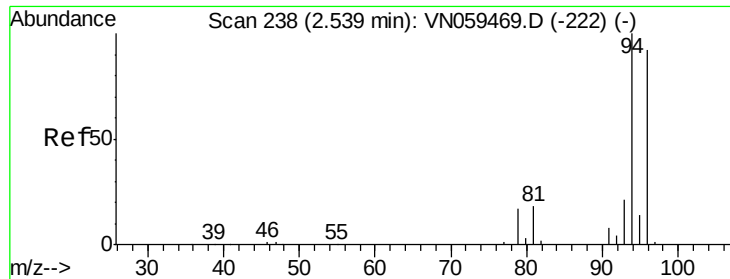
Tgt Ion: 62 Resp: 153644

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0





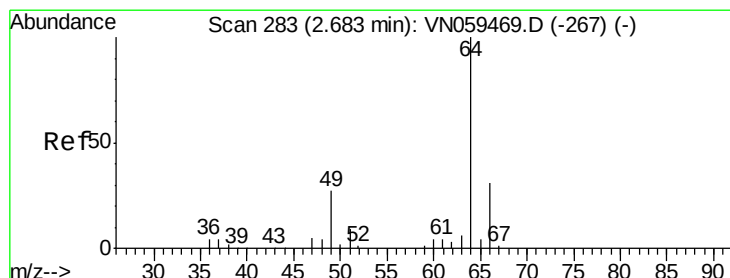
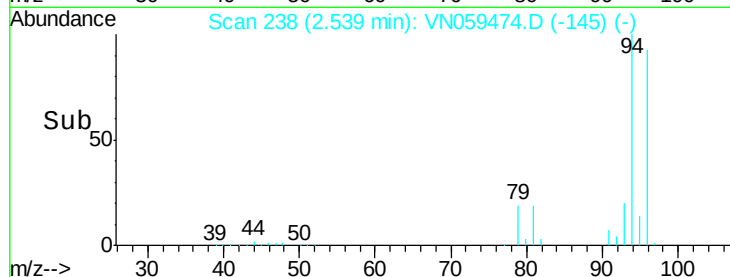
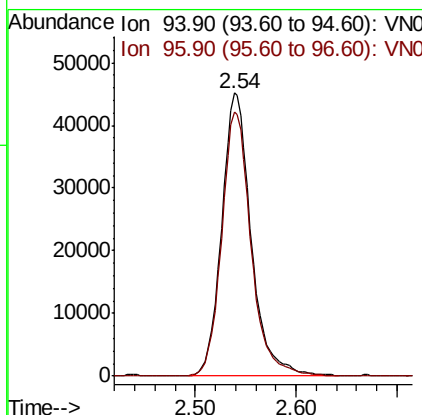
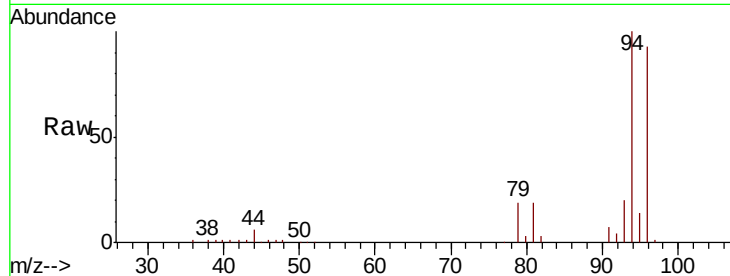
#5
Bromomethane
Concen: 47.658 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

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Tot Ion	94	Resp	92097
Ion Ratio	100	Lower	Upper
96	93.4	73.5	110.3

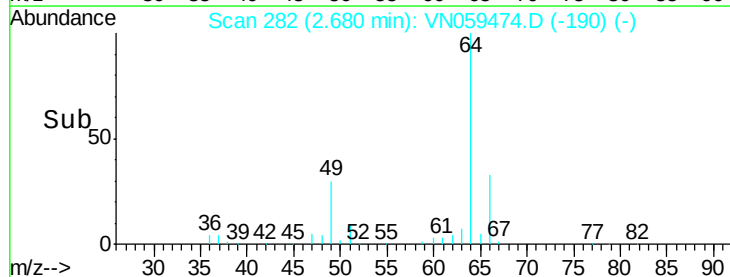
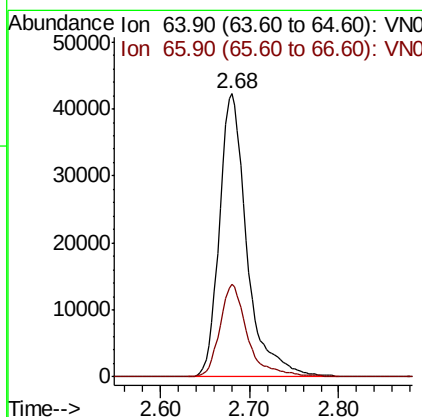
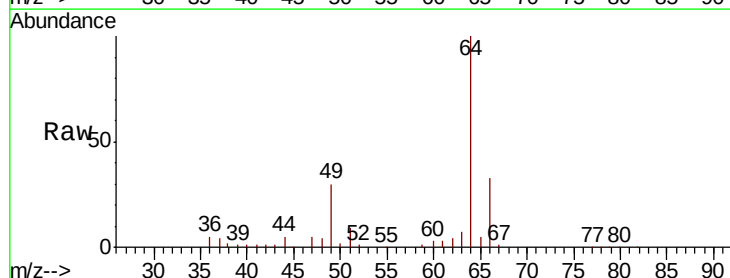
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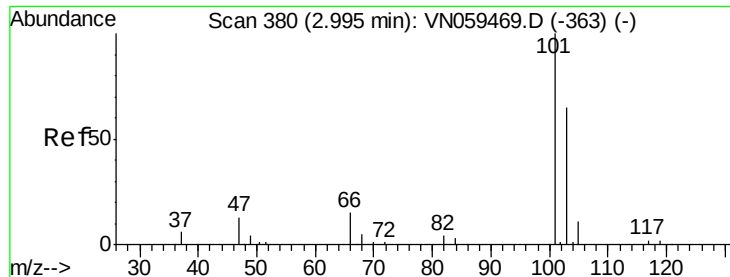
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#6
Chloroethane
Concen: 48.251 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion	64	Resp	90586
Ion Ratio	100	Lower	Upper
66	32.5	25.2	37.8





#7

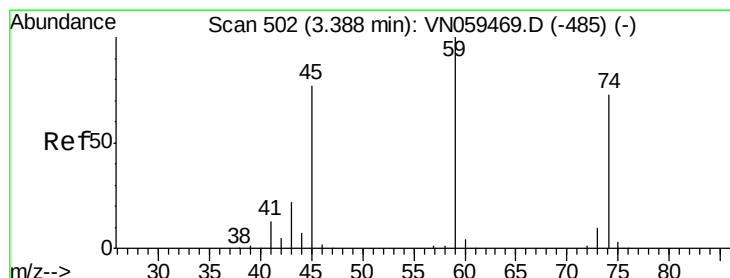
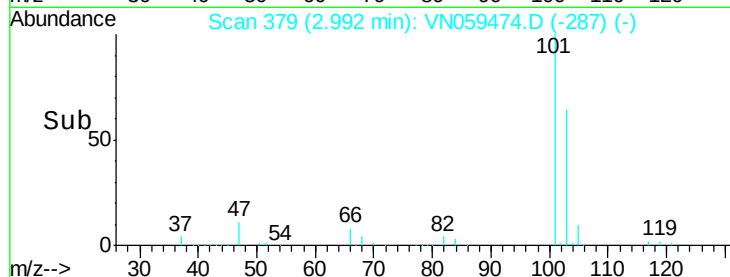
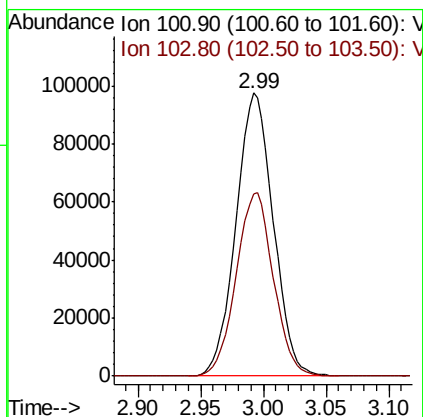
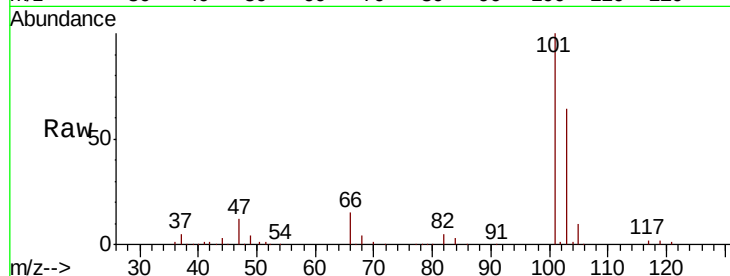
Trichlorofluoromethane
Concen: 52.529 ug/l
RT: 2.99 min Scan# 379
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampled :
ICVVN120319

Tot Ion: 101 Resp: 201735
Ion Ratio Lower Upper
101 100
103 64.4 52.4 78.6

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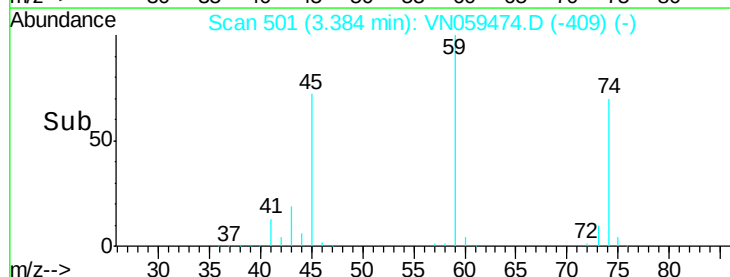
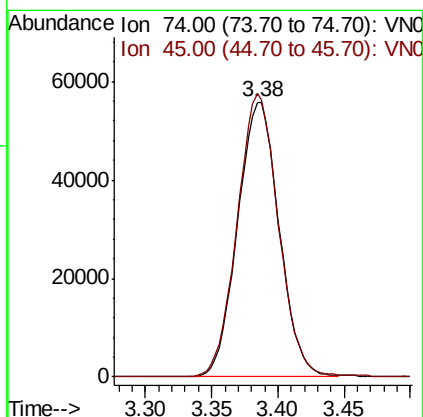
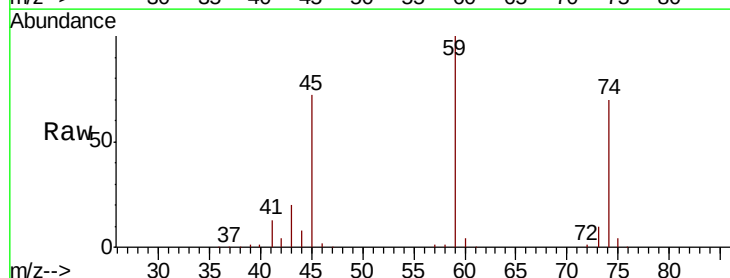
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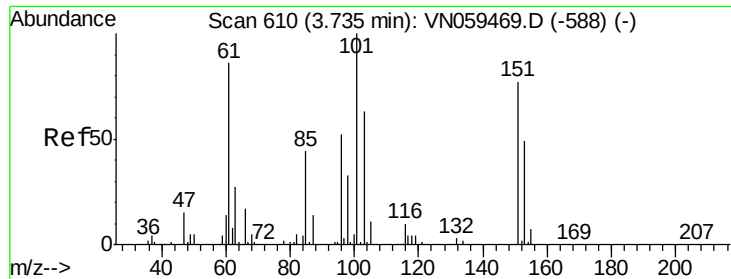


#8

Diethyl Ether
Concen: 48.542 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion: 74 Resp: 121463
Ion Ratio Lower Upper
74 100
45 102.9 52.3 157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.200 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.01 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

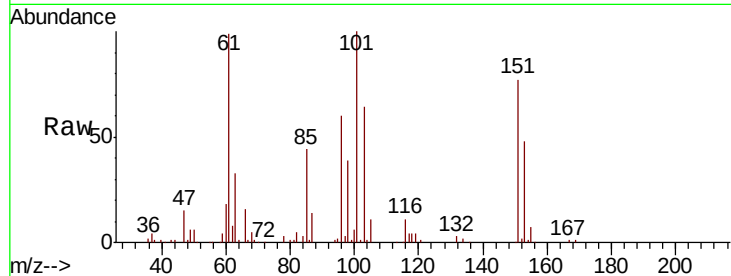
ClientSampleId :

ICVVN120319

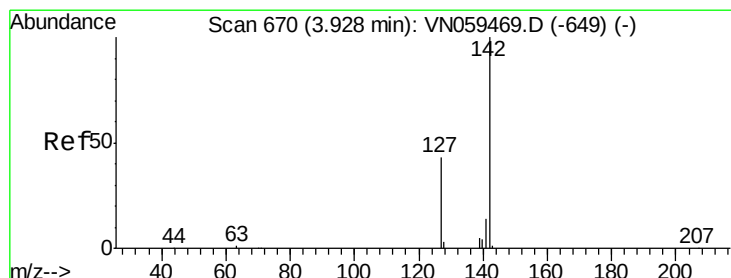
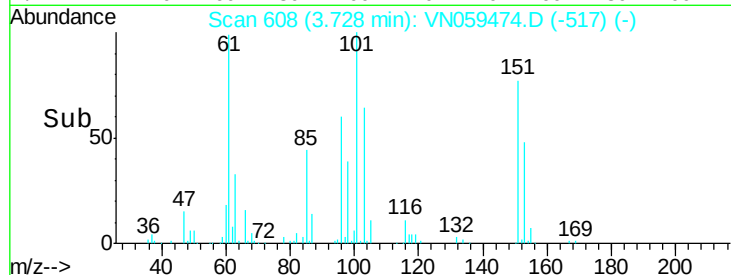
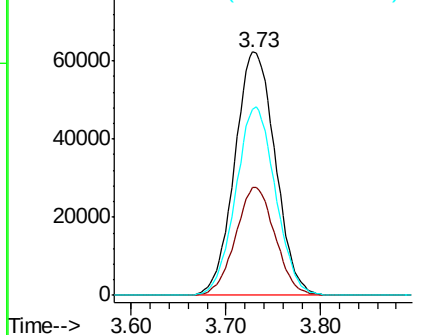
Tot Ion:	101	Resp:	185483
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.2	52.8
151	76.1	62.4	93.6

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



#10

Methyl Iodide

Concen: 50.576 ug/l

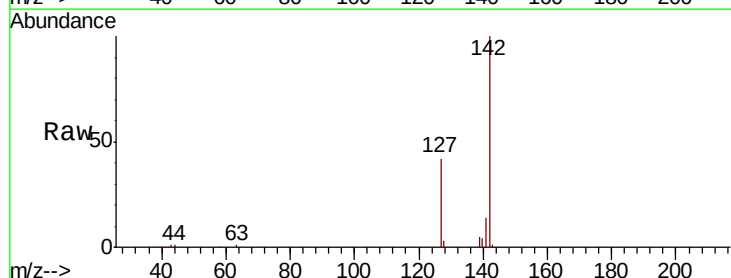
RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

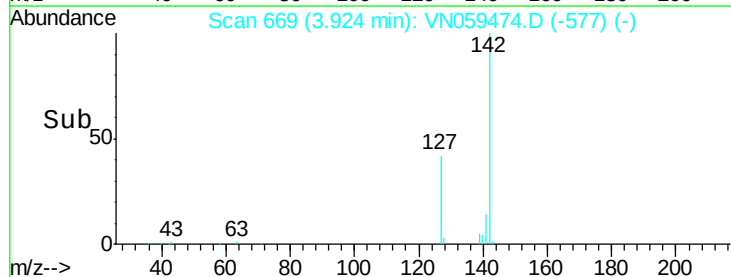
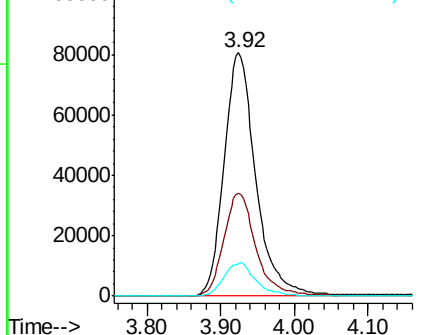
Lab File: VN059474.D

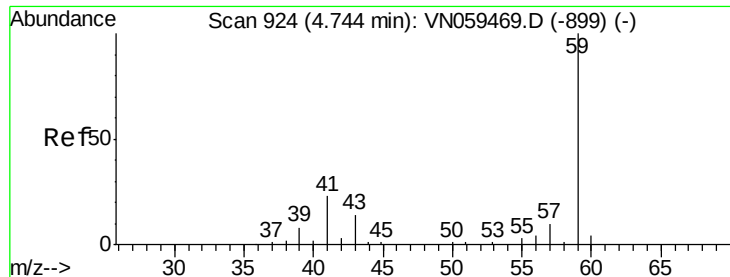
Acq: 3 Dec 2019 17:31

Tgt Ion:	142	Resp:	241430
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.6	52.0
141	14.0	11.4	17.0



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





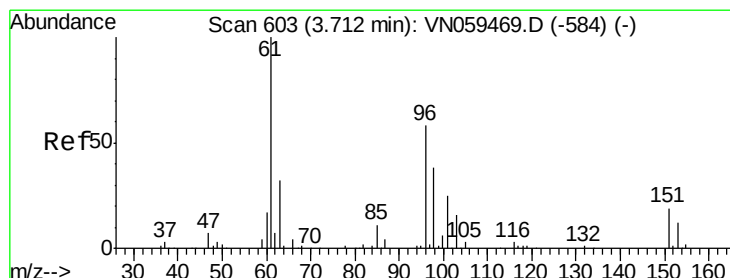
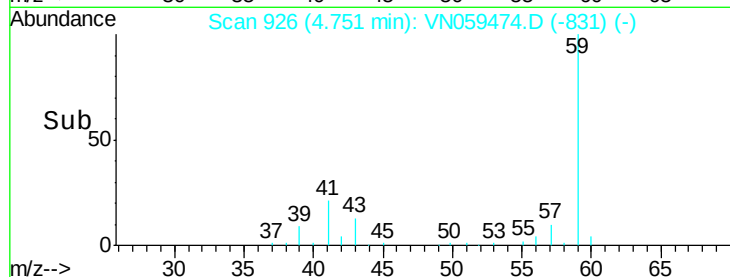
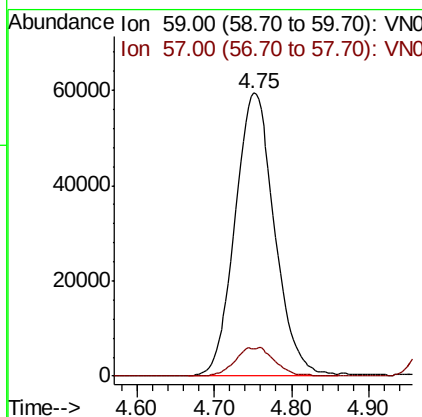
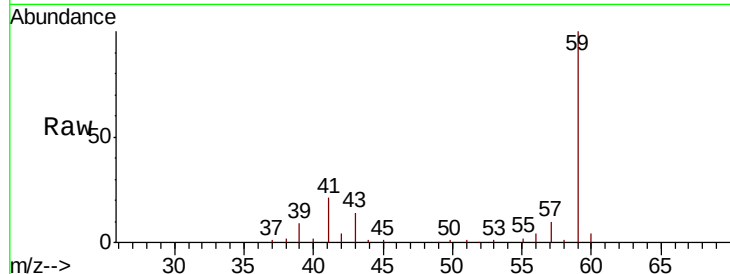
#11
Tert butyl alcohol
Concen: 254.004 ug/l
RT: 4.75 min Scan# 926
Delta R.T. 0.01 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120319

Tot Ion: 59 Resp: 211263
Ion Ratio Lower Upper
59 100
57 4.9 8.1 12.1#

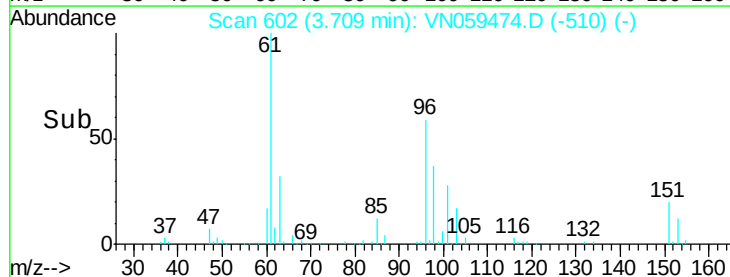
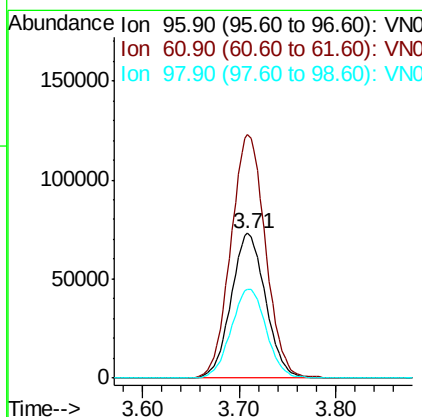
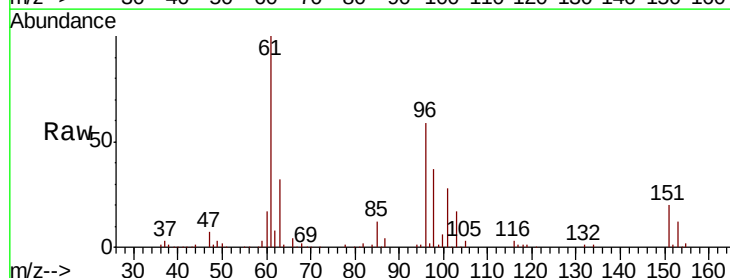
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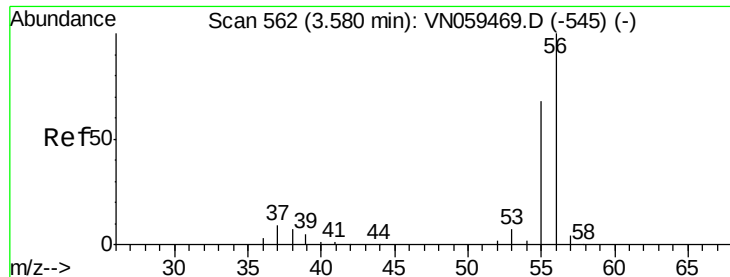
apatel
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#12
1,1-Dichloroethene
Concen: 48.983 ug/l
RT: 3.71 min Scan# 602
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion: 96 Resp: 180515
Ion Ratio Lower Upper
96 100
61 168.1 137.1 205.7
98 61.7 52.4 78.6





#13

Acrolein

Concen: 233.403 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120319

Tot Ion: 56 Resp: 168479

Ion Ratio Lower Upper

56 100

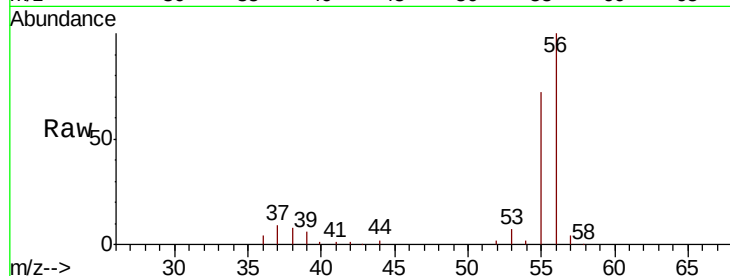
55 71.3 56.5 84.7

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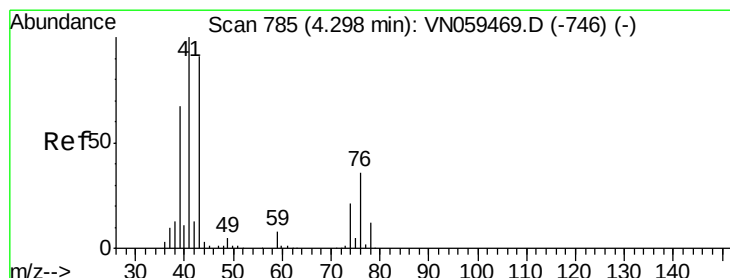
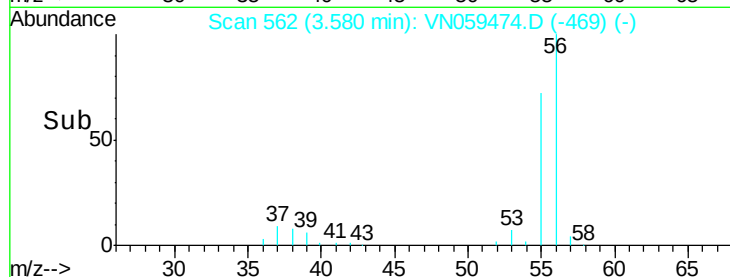
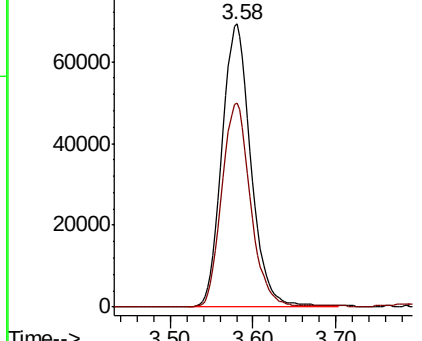
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.755 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

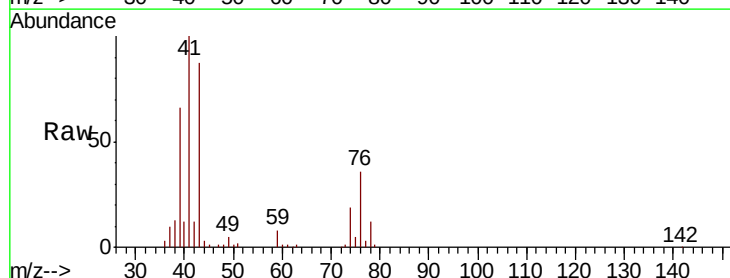
Tgt Ion: 41 Resp: 353885

Ion Ratio Lower Upper

41 100

39 62.0 49.3 73.9

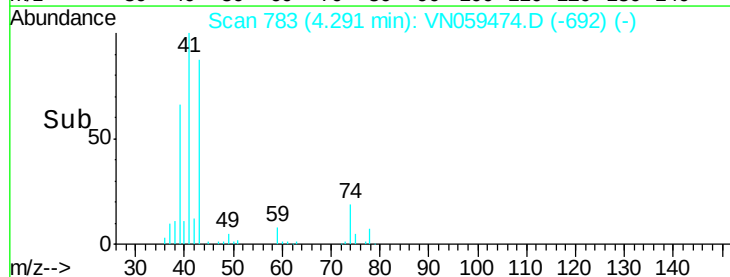
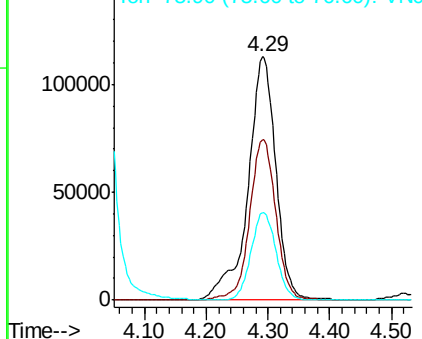
76 32.4 25.6 38.4

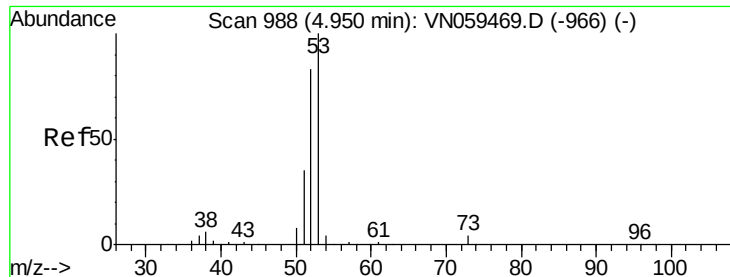


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 245.258 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

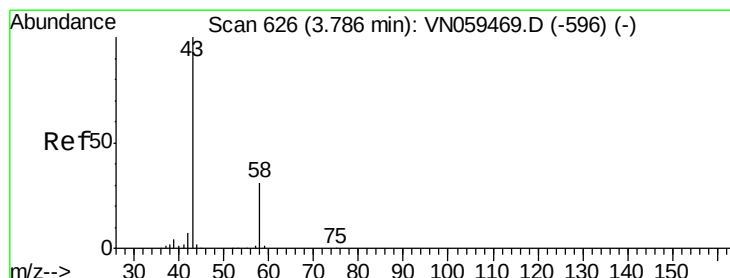
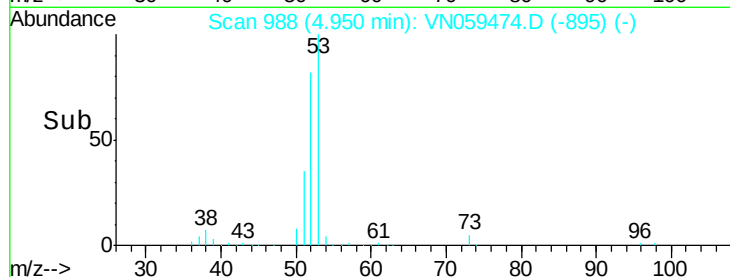
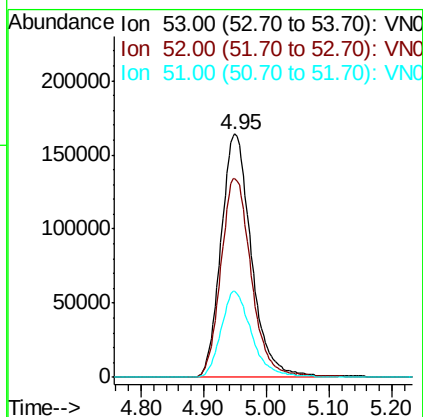
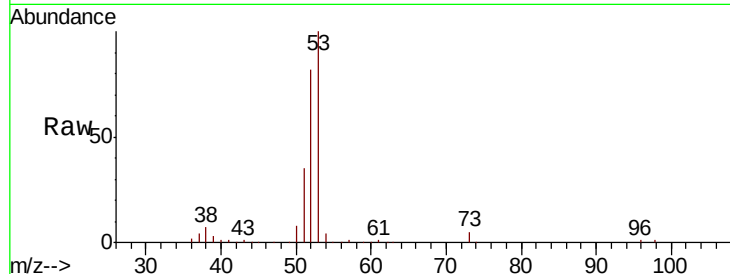
ClientSampleId :

ICVVN120319

Tot Ion:	53	Resp:	551866
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.5	98.3
51	35.9	28.5	42.7

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#16

Acetone

Concen: 247.905 ug/l

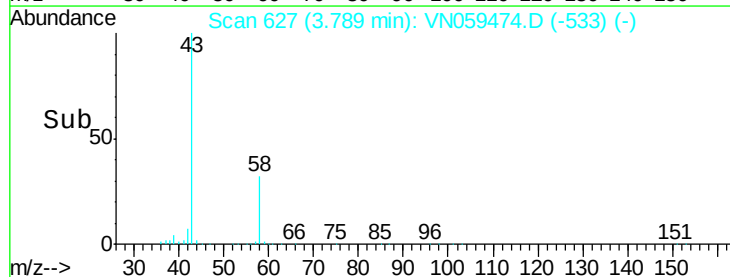
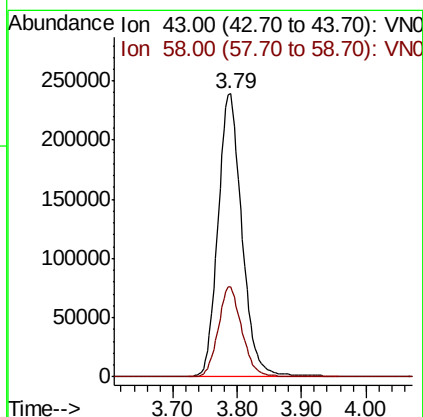
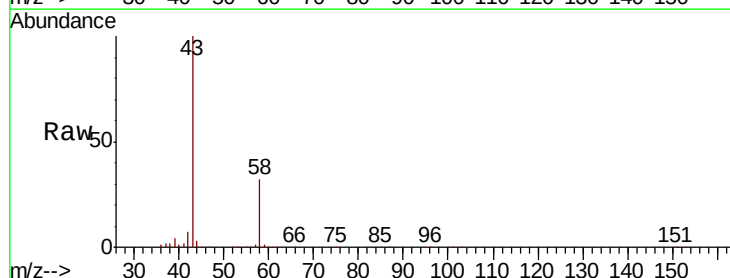
RT: 3.79 min Scan# 627

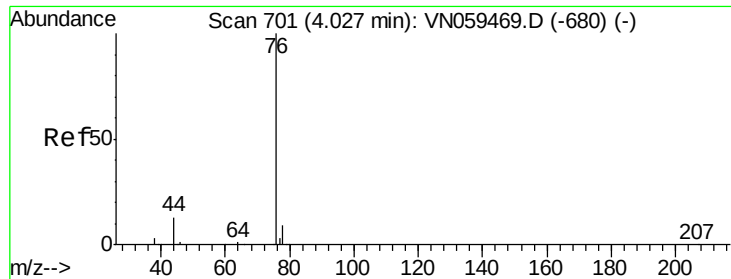
Delta R.T. 0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Tgt Ion:	43	Resp:	611152
Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.9	37.3





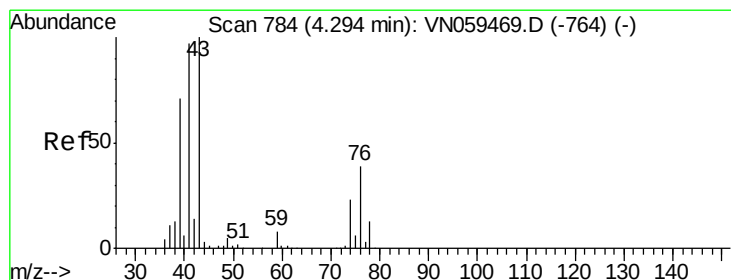
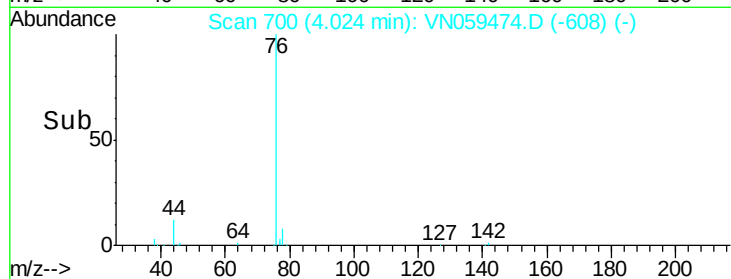
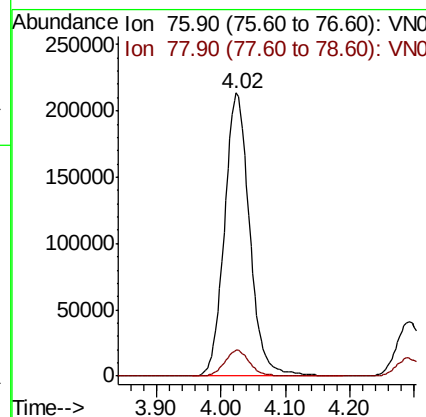
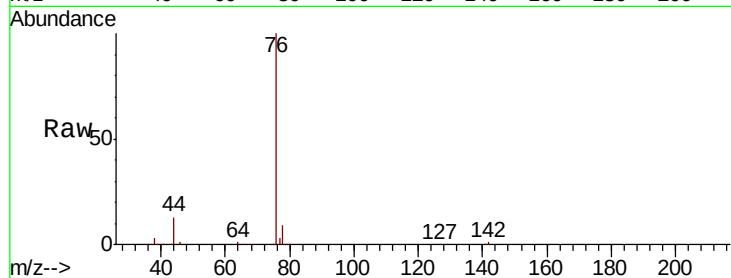
#17
Carbon Disulfide
Concen: 46.059 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120319

Tot Ion: 76 Resp: 579166
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

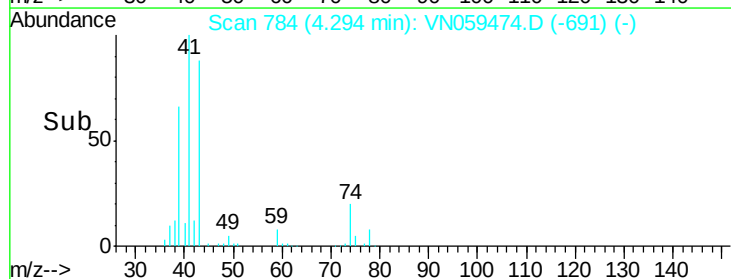
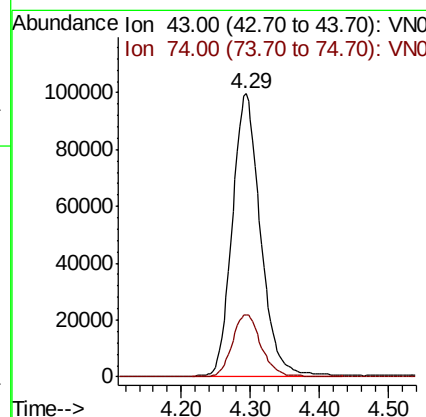
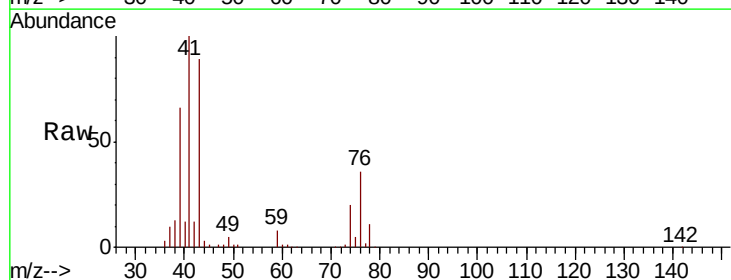
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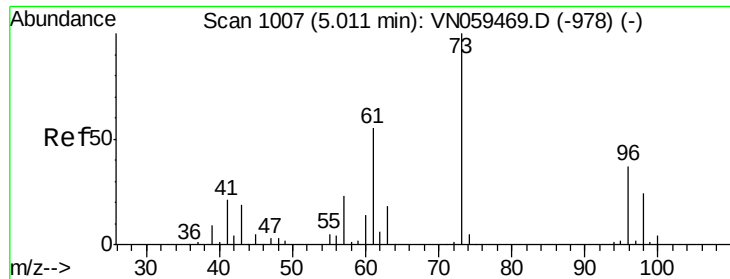
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#18
Methyl Acetate
Concen: 47.483 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion: 43 Resp: 282133
Ion Ratio Lower Upper
43 100
74 22.5 18.3 27.5





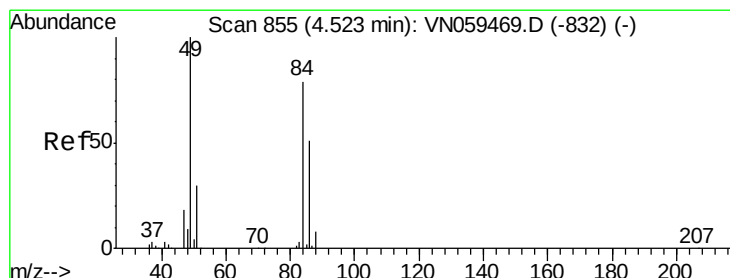
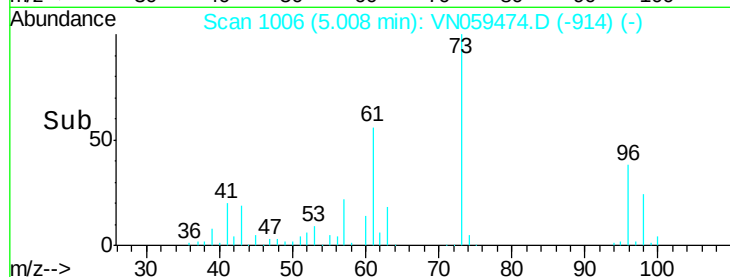
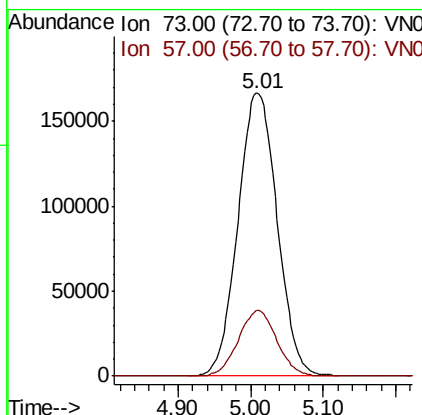
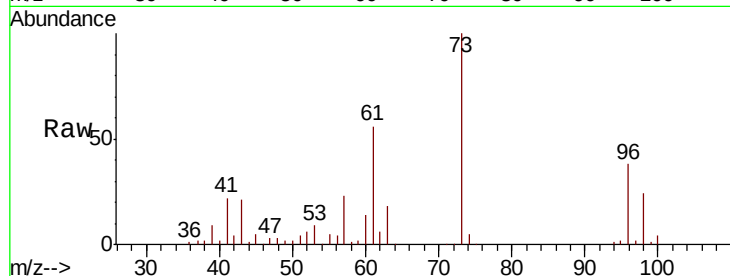
#19
Methyl tert-butyl Ether
Concen: 49.957 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120319

Tot Ion: 73 Resp: 627465
Ion Ratio Lower Upper
73 100
57 23.1 18.0 27.0

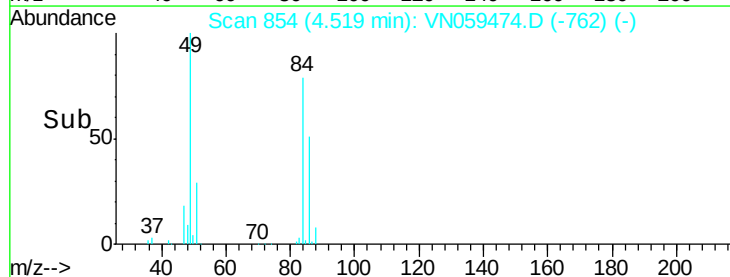
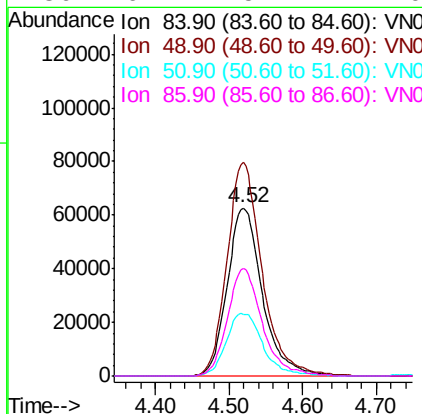
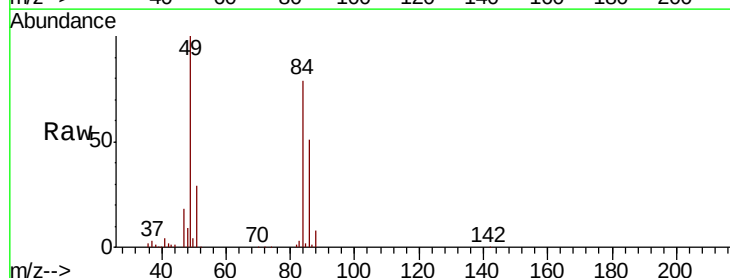
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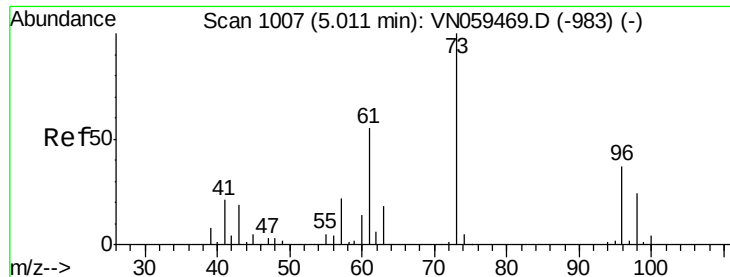
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#20
Methylene Chloride
Concen: 50.046 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion: 84 Resp: 208054
Ion Ratio Lower Upper
84 100
49 127.3 101.1 151.7
51 36.8 30.7 46.1
86 64.4 51.4 77.0





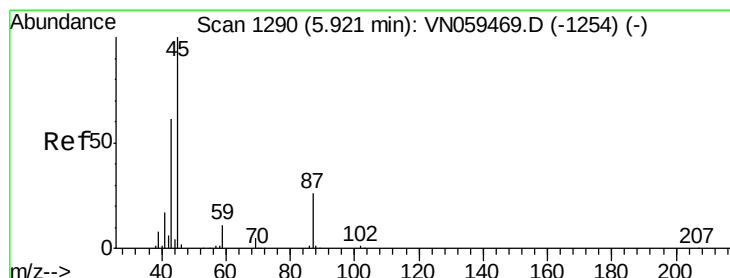
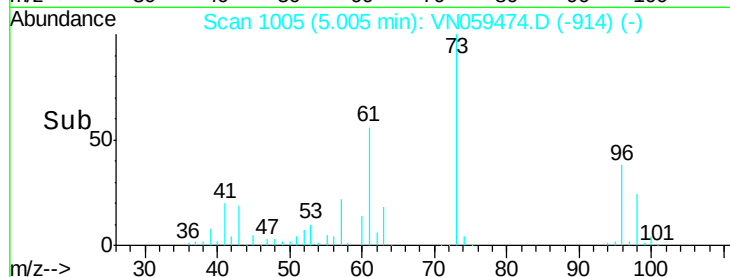
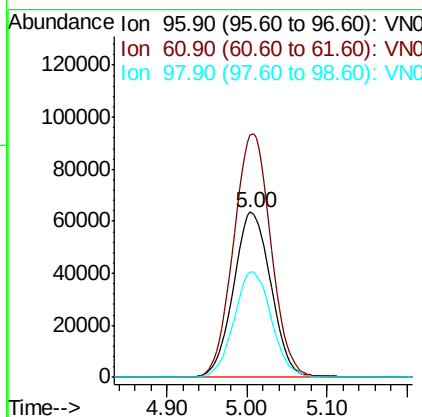
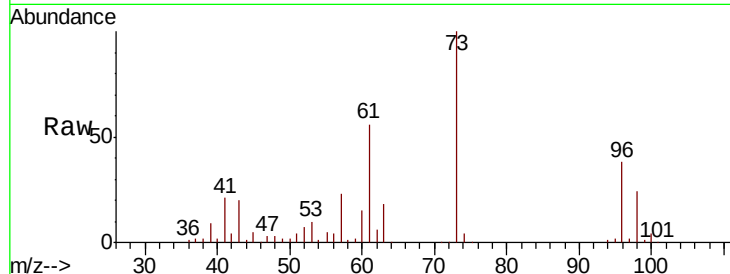
#21
trans-1,2-Dichloroethene
Concen: 48.980 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120319

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.4	118.9	178.3
98	63.5	51.6	77.4

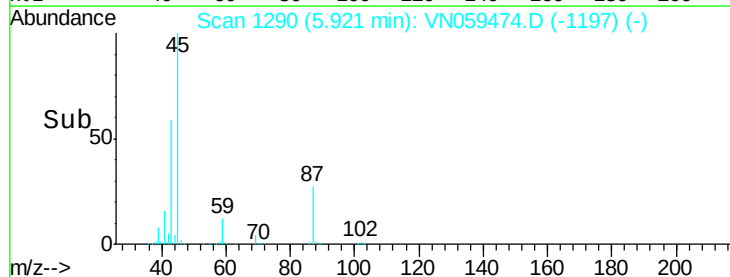
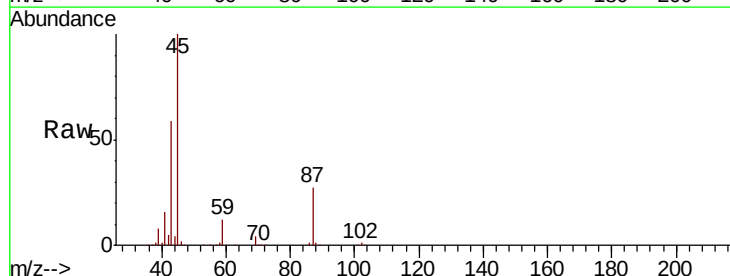
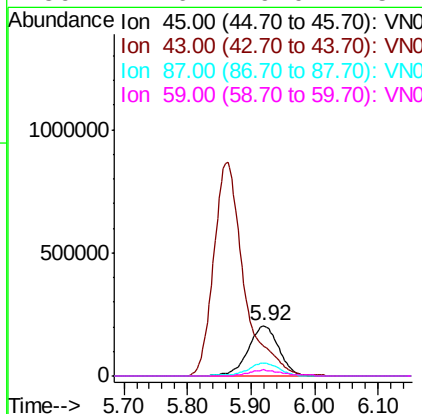
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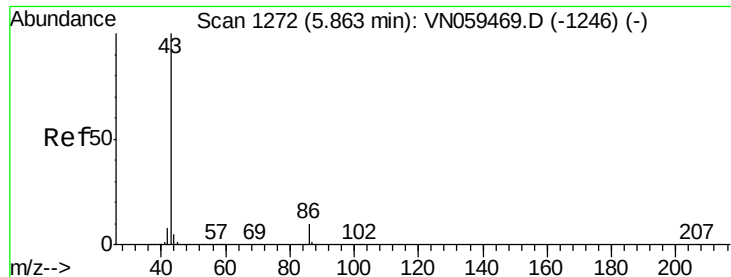
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#22
Diisopropyl ether
Concen: 50.915 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.3	49.1	73.7
87	26.7	21.6	32.4
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 264.446 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120319

Tot Ion: 43 Resp: 2866769

Ion Ratio Lower Upper

43 100

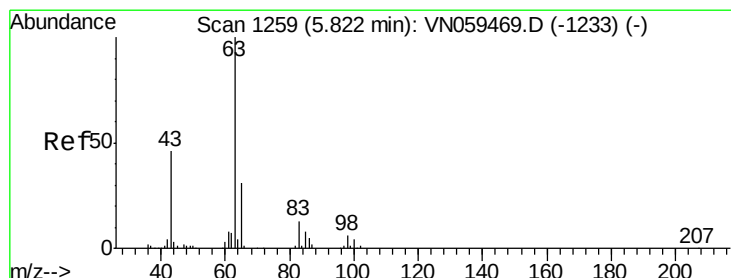
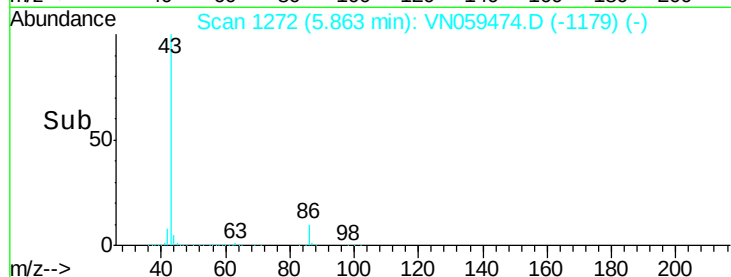
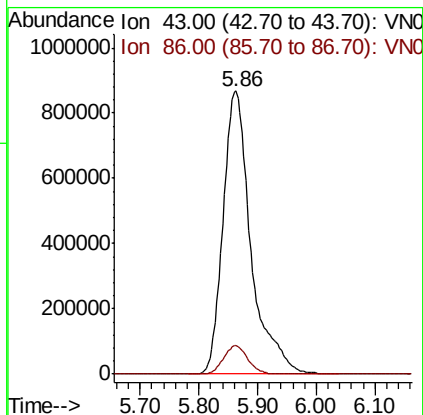
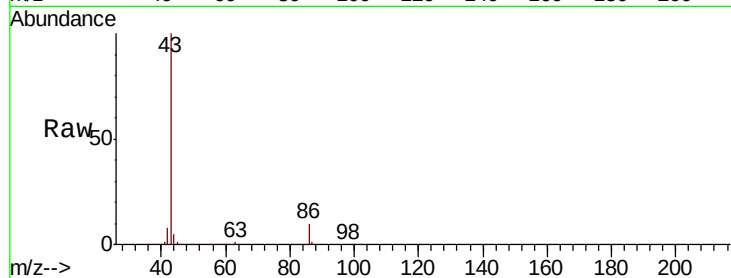
86 10.0 8.0 12.0

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#24

1,1-Dichloroethane

Concen: 49.683 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.01 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

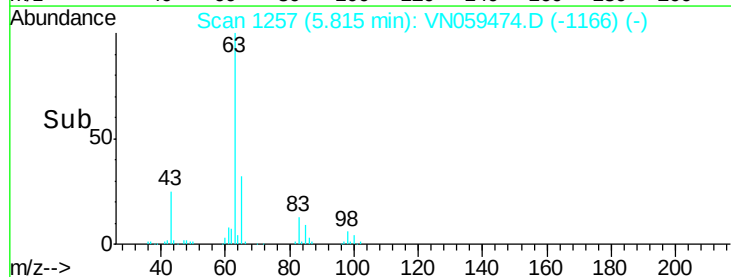
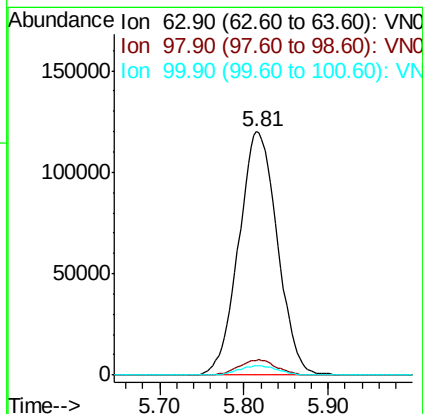
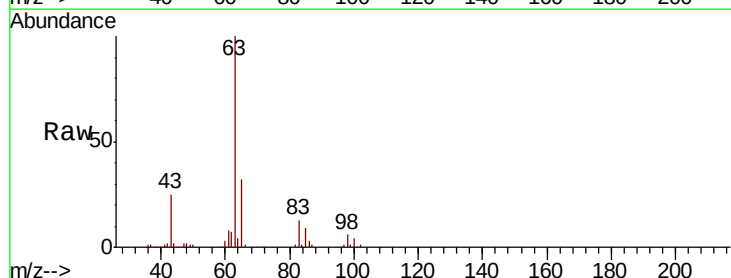
Tgt Ion: 63 Resp: 381299

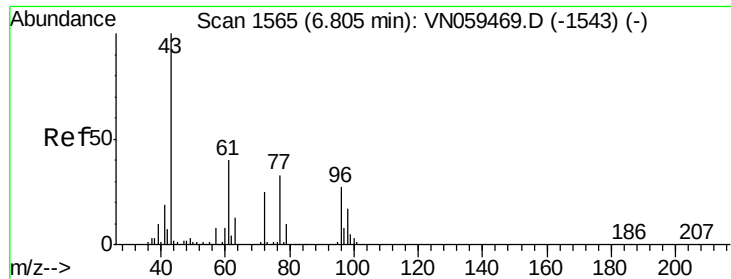
Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 240.045 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120319

Tot Ion: 43 Resp: 805317

Ion Ratio Lower Upper

43 100

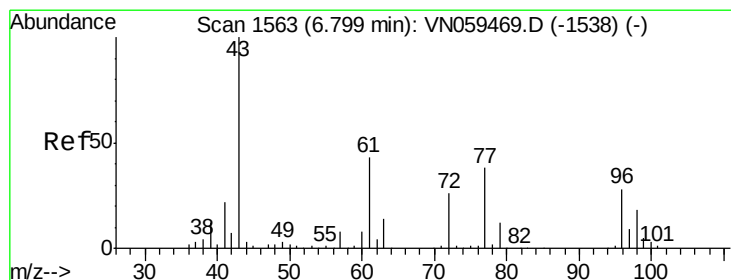
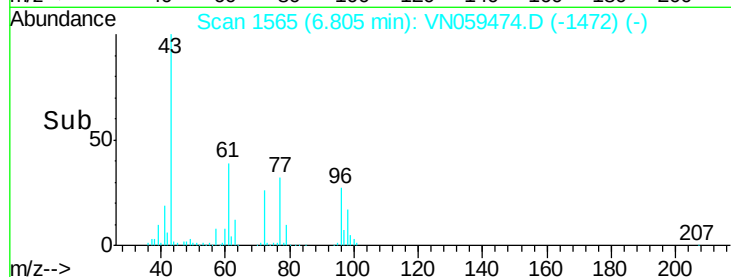
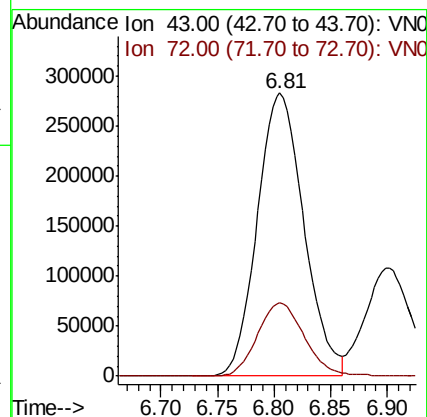
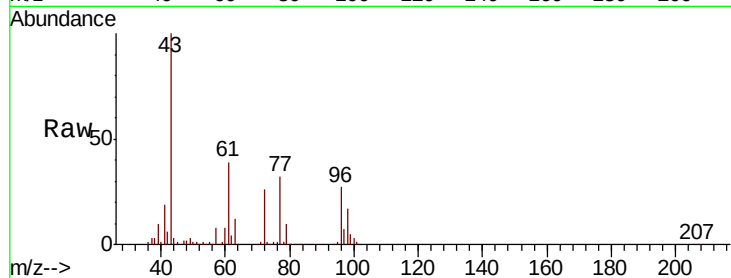
72 25.9 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 49.187 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059474.D

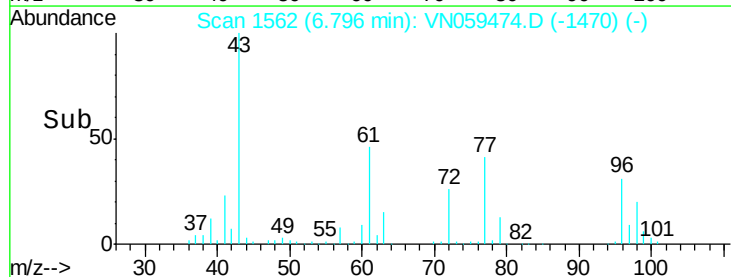
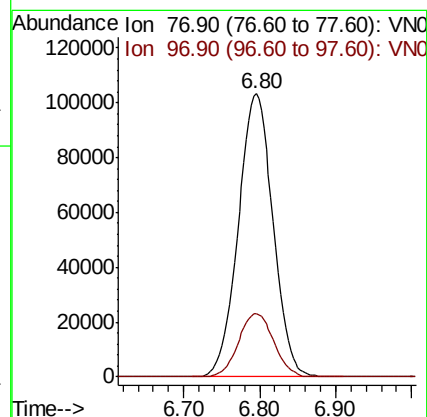
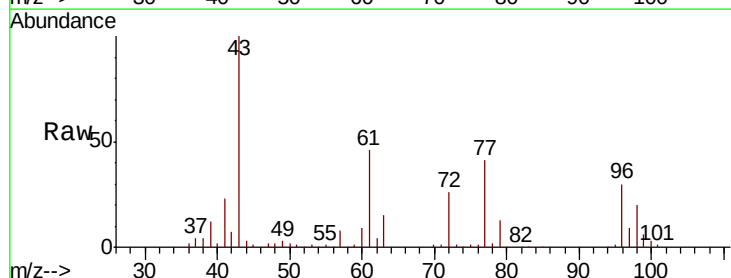
Acq: 3 Dec 2019 17:31

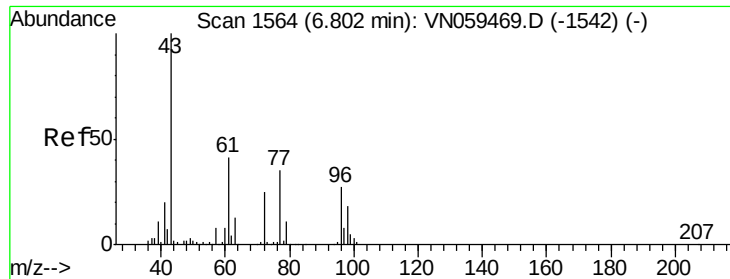
Tgt Ion: 77 Resp: 326497

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.659 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

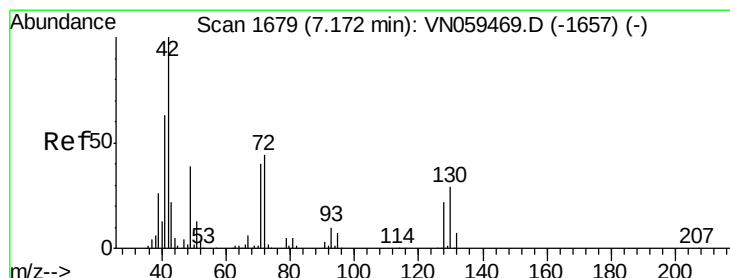
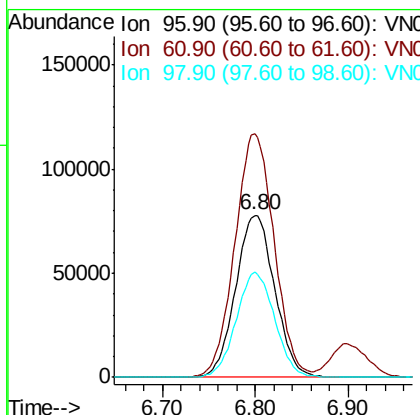
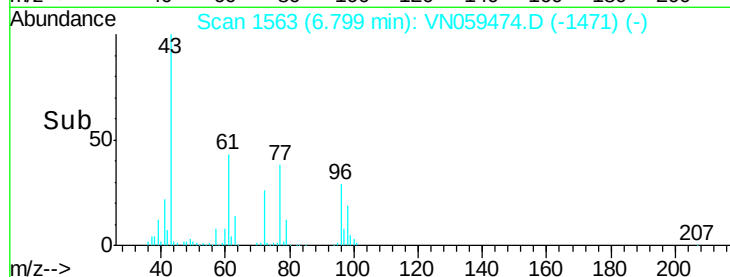
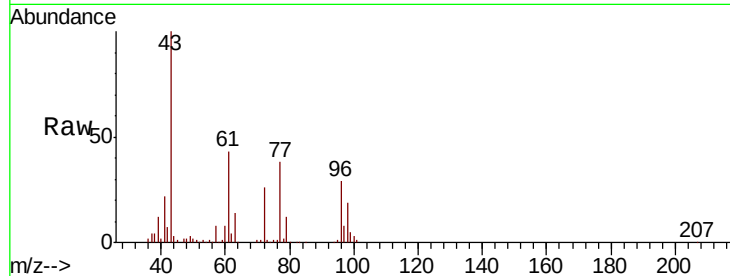
ClientSampleId :

ICVVN120319

Tot Ion:	96	Resp:	227416
Ion	Ratio	Lower	Upper
96	100		
61	151.1	0.0	307.4
98	64.0	0.0	129.2

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#28

Bromochloromethane

Concen: 47.731 ug/l

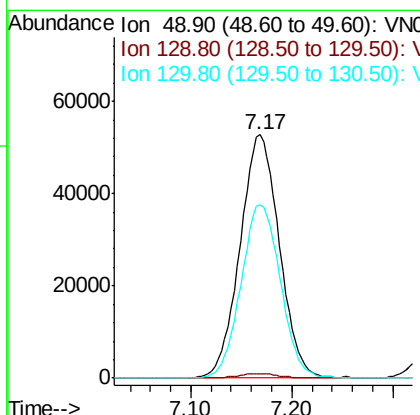
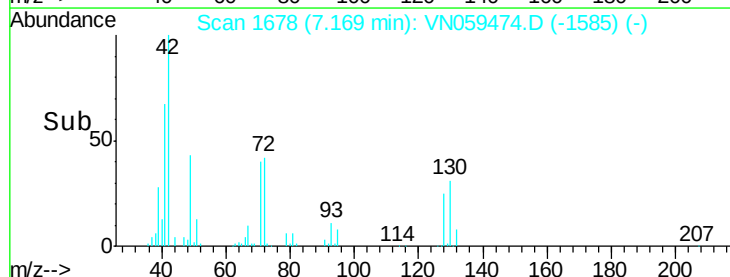
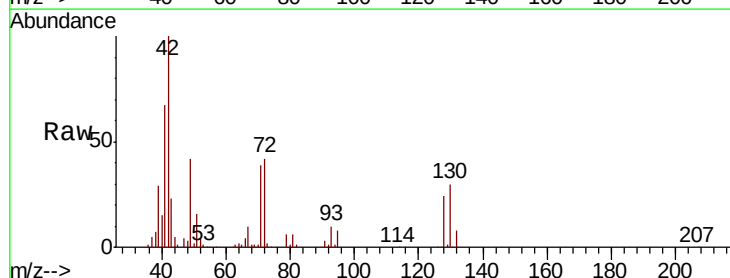
RT: 7.17 min Scan# 1678

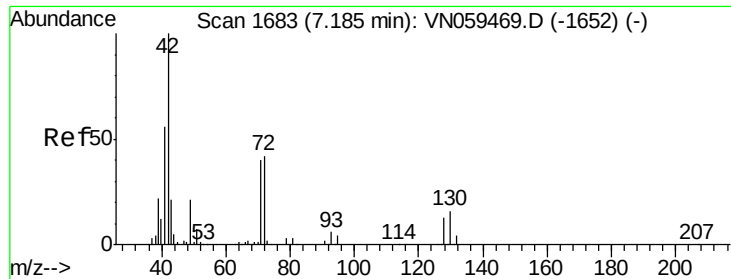
Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Tgt Ion:	49	Resp:	142539
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	71.5	58.4	87.6





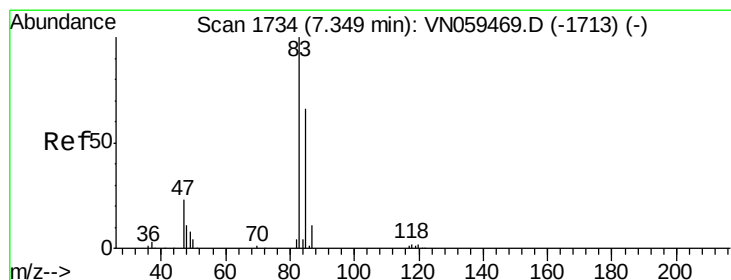
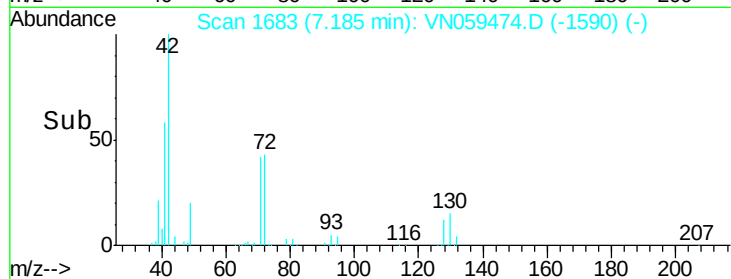
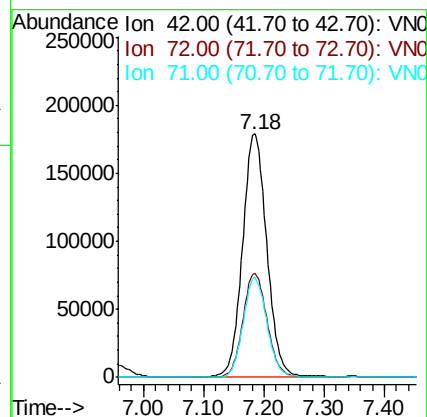
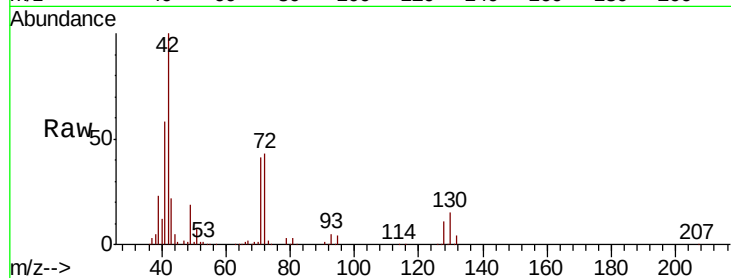
#29
Tetrahydrofuran
Concen: 239.526 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120319

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.2	51.2
71	40.3	32.0	48.0

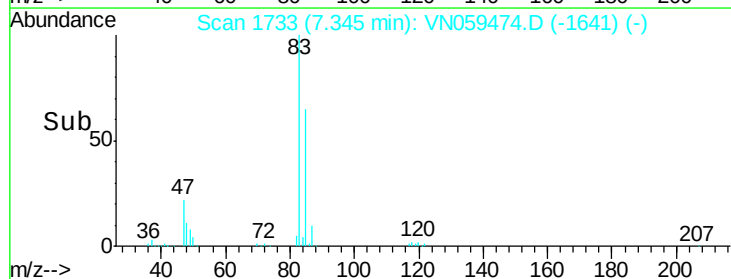
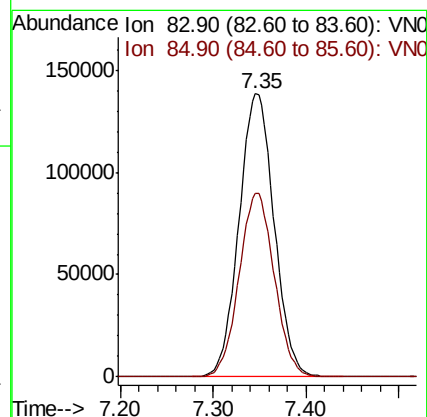
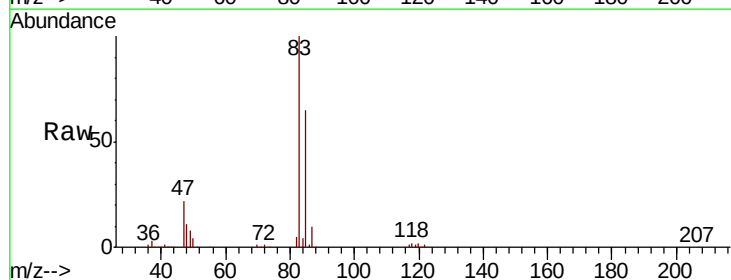
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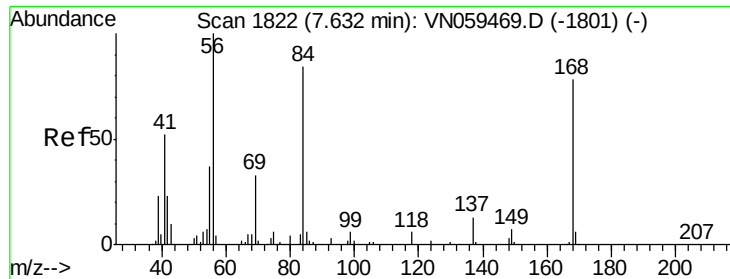
apatel
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#30
Chloroform
Concen: 49.047 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.4	78.6





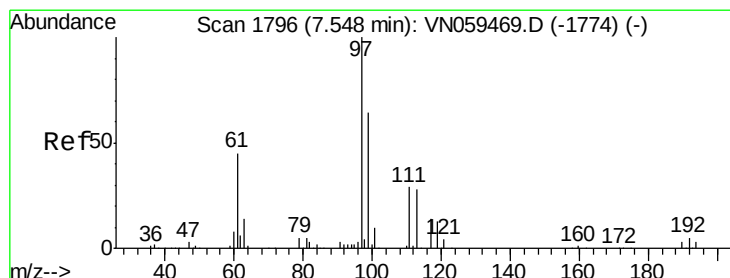
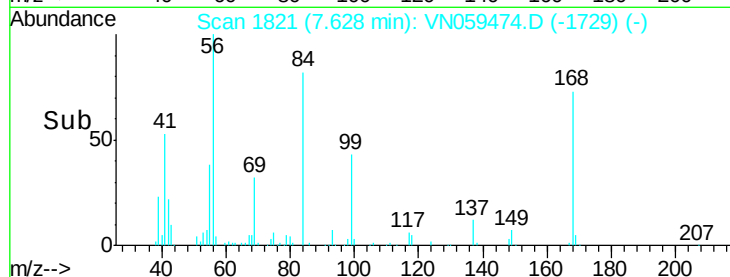
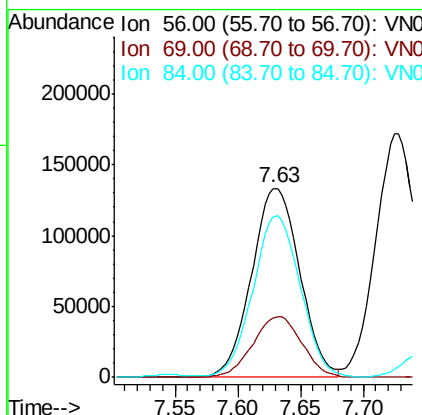
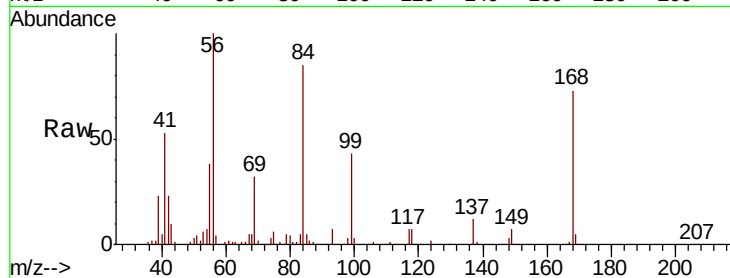
#31
Cyclohexane
Concen: 47.891 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120319

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	26.2	39.4
84	84.1	66.8	100.2

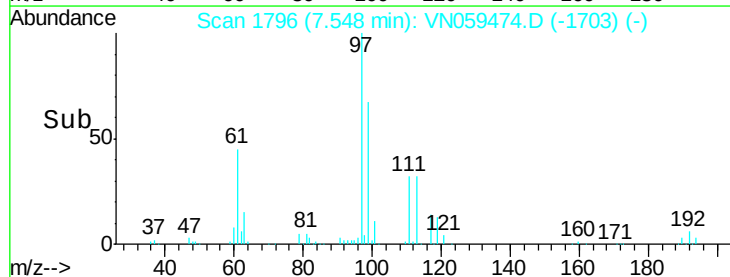
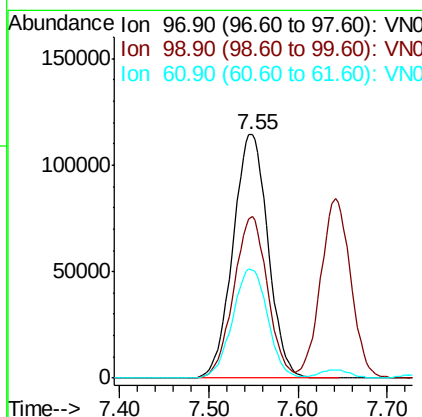
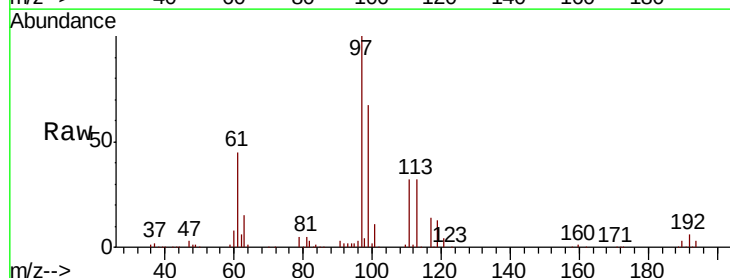
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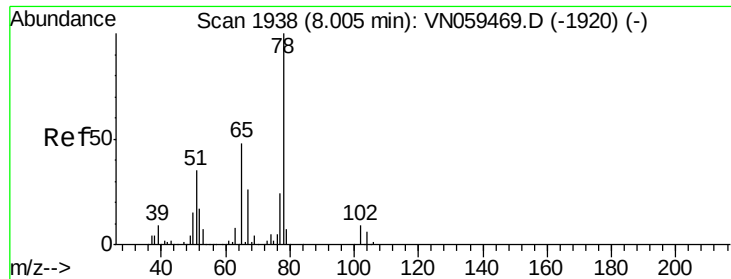
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#32
1,1,1-Trichloroethane
Concen: 48.444 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	44.7	35.4	53.0





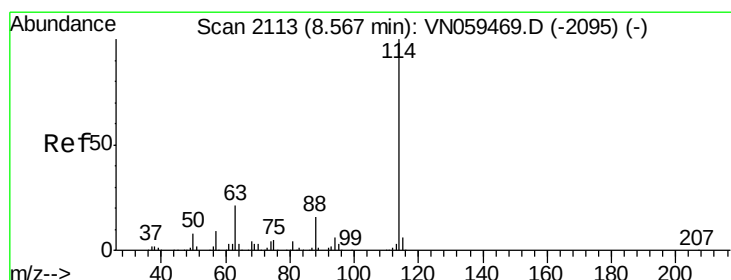
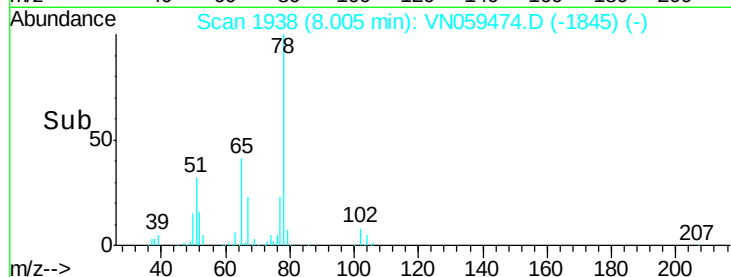
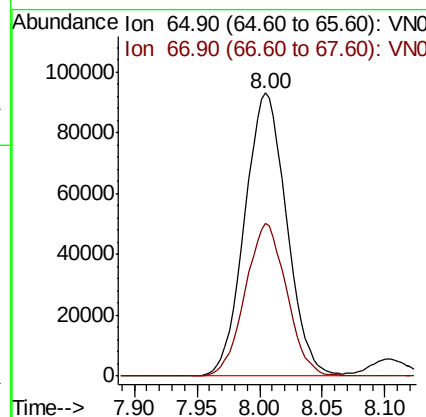
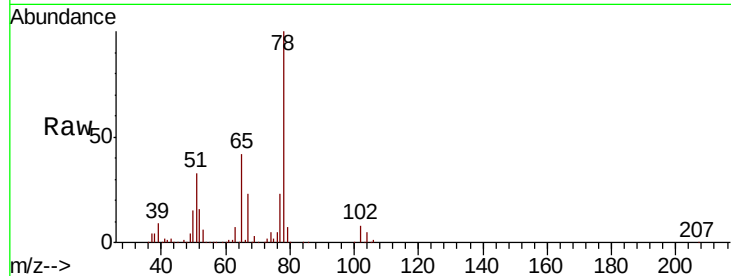
#33
 1,2-Dichloroethane-d4
 Concen: 49.118 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120319

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.4

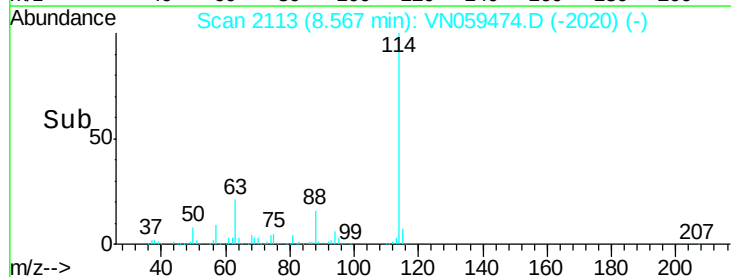
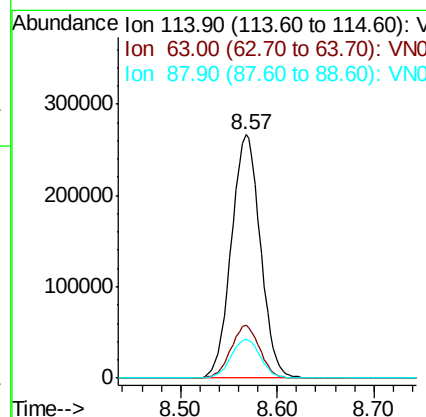
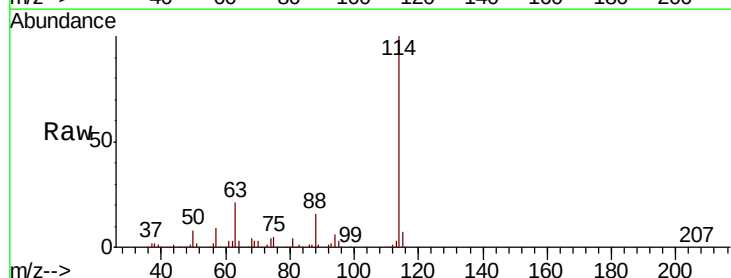
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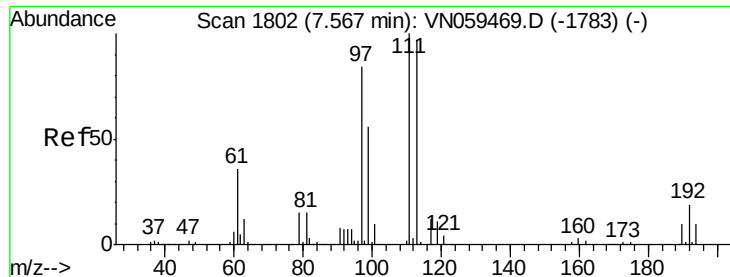
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.4
88	15.9	0.0	32.8





#35

Dibromofluoromethane

Concen: 49.317 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

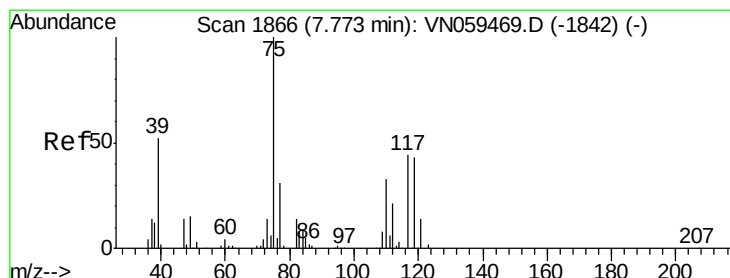
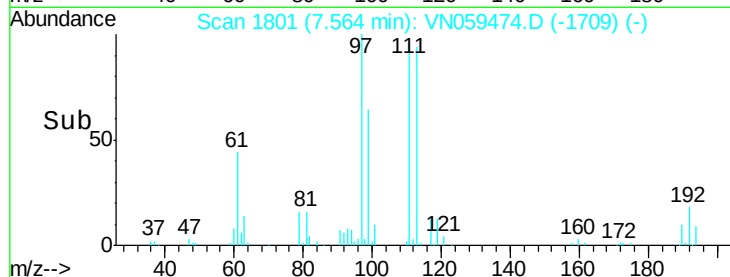
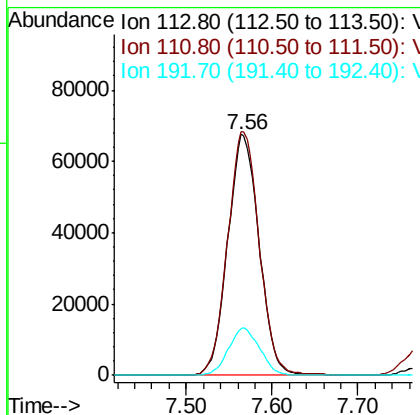
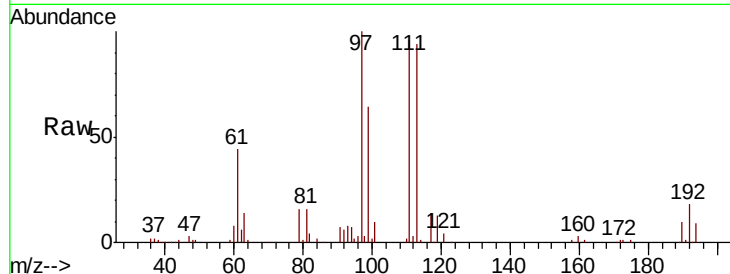
ClientSampleId :

ICVVN120319

Tot Ion:	113	Resp:	170995
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.5	123.7
192	19.6	16.1	24.1

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#36

1,1-Dichloropropene

Concen: 49.996 ug/l

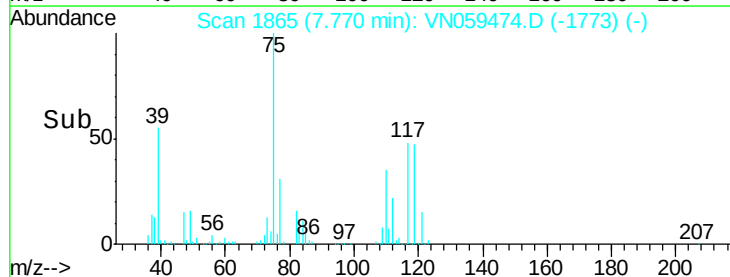
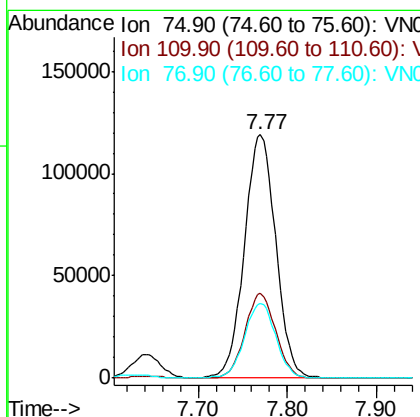
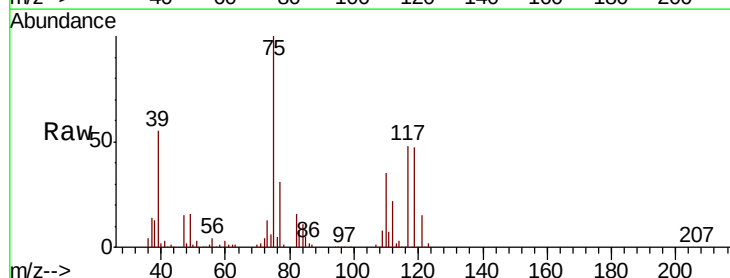
RT: 7.77 min Scan# 1865

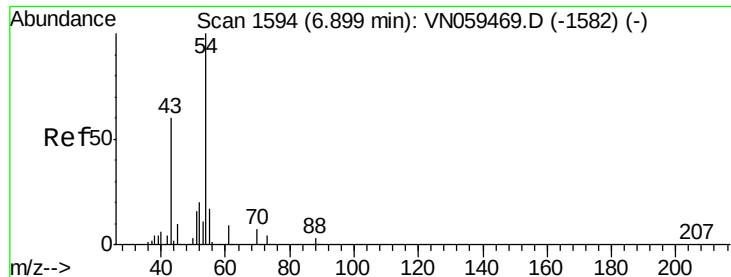
Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Tgt Ion:	75	Resp:	289633
Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.9	50.7
77	30.9	25.1	37.7





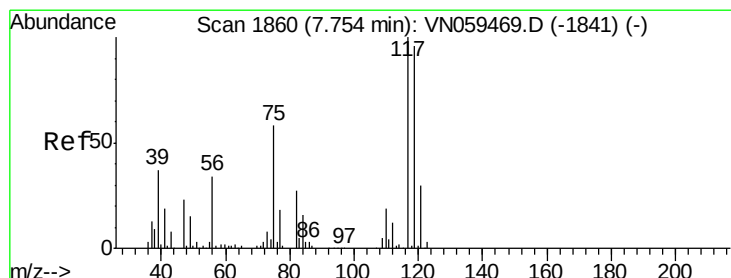
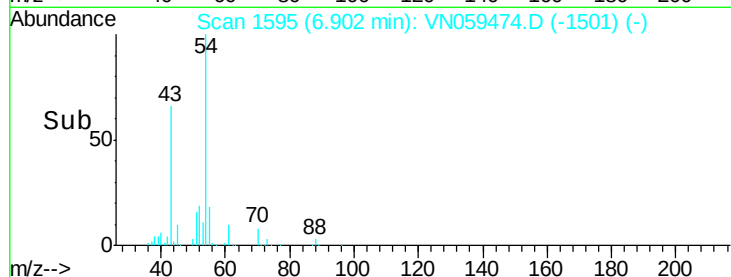
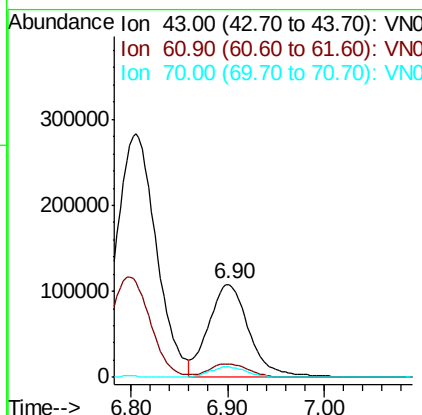
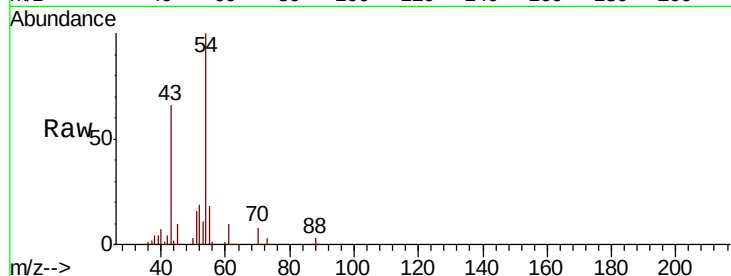
#37
Ethyl Acetate
Concen: 47.910 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120319

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	14.5	11.3	16.9	
70	10.5	8.3	12.5	

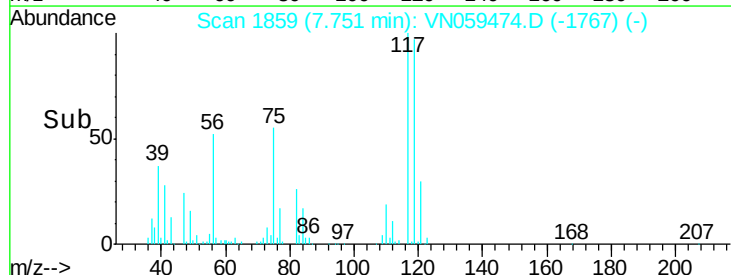
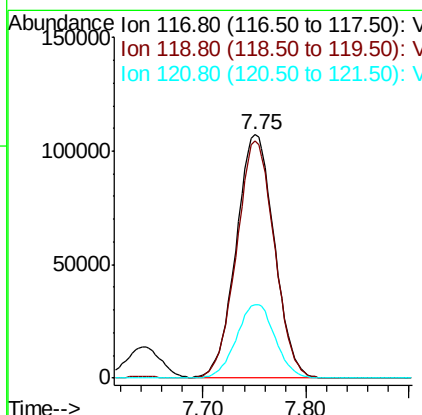
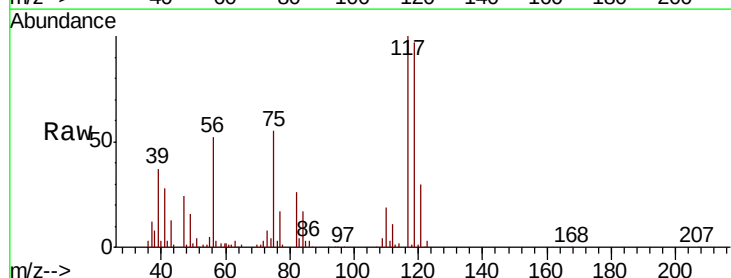
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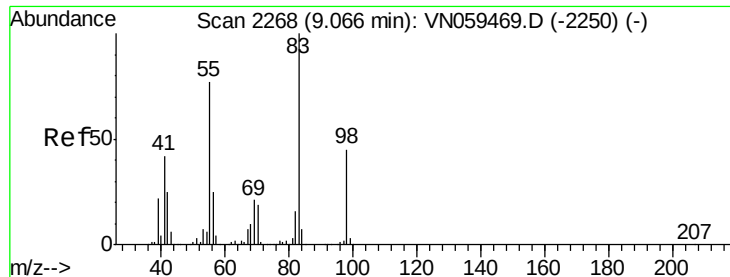
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#38
Carbon Tetrachloride
Concen: 49.682 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	76.6	114.8	
121	30.3	24.0	36.0	





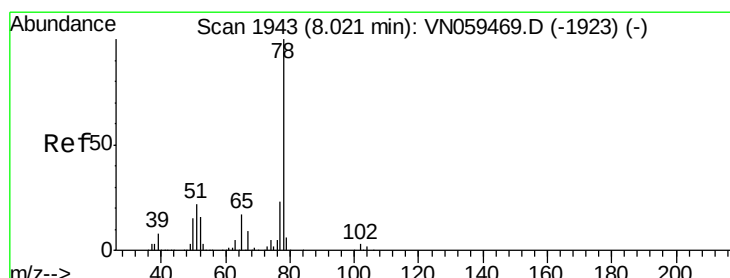
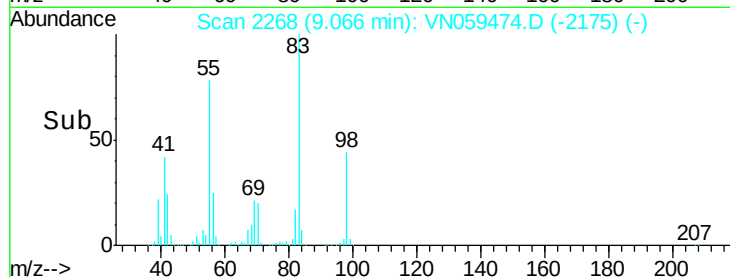
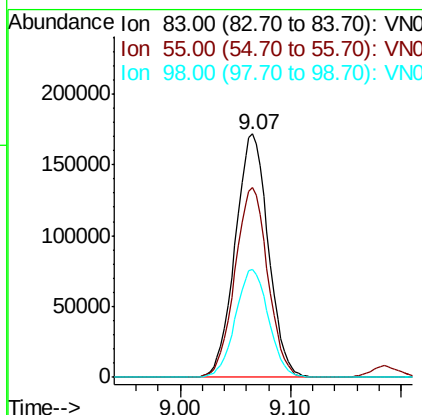
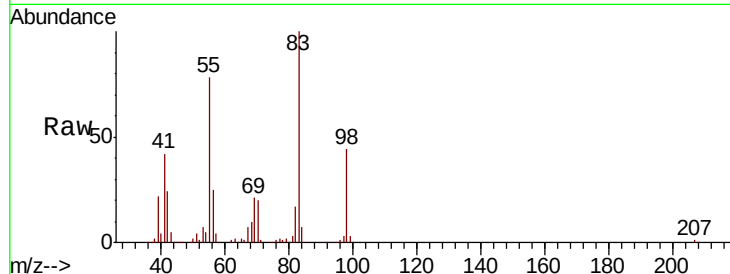
#39
Methylvlcyclohexane
Concen: 51.189 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120319

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.9	61.8	92.6	
98	44.2	36.2	54.2	

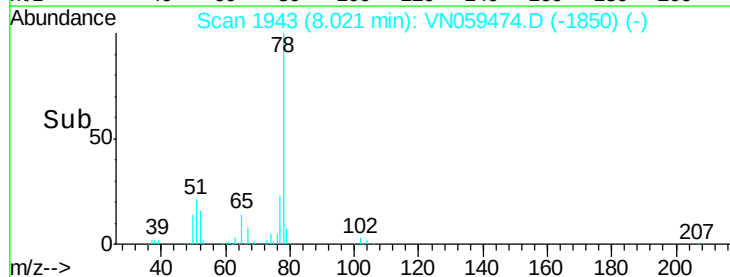
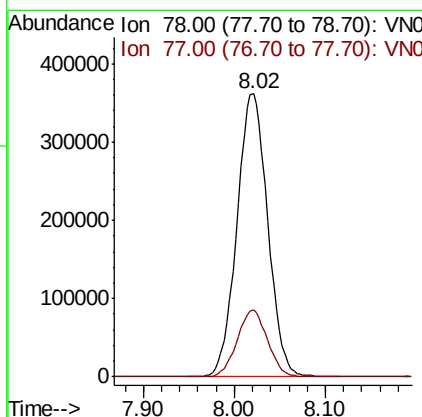
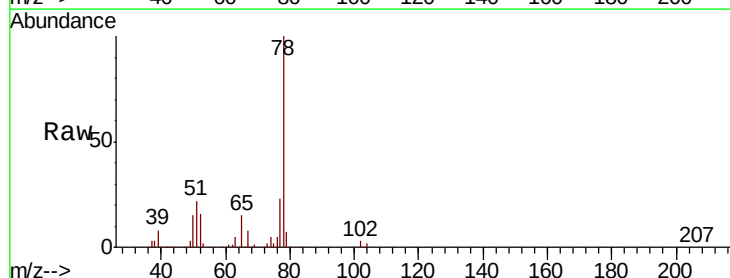
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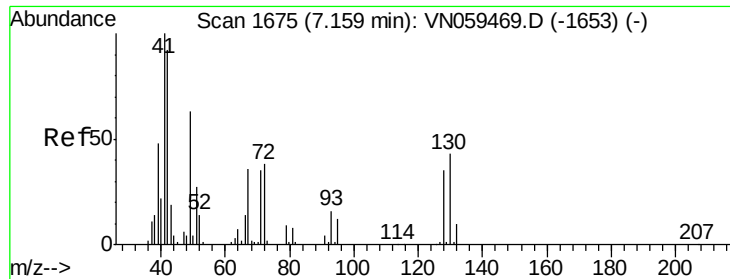
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#40
Benzene
Concen: 50.148 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5	18.2	27.2	





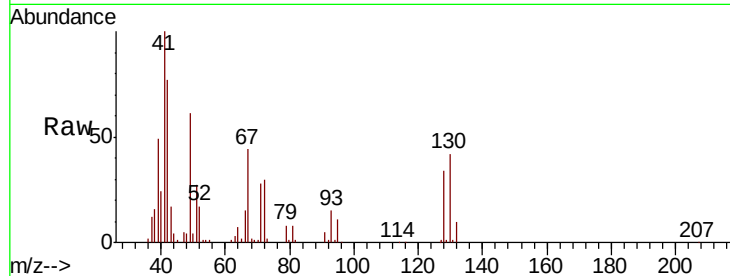
#41
Methacrylonitrile
Concen: 57.757 ug/l m
RT: 7.16 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120319

Tot Ion	Ratio	Resp	Lower	Upper
41	100	151471		
39	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0

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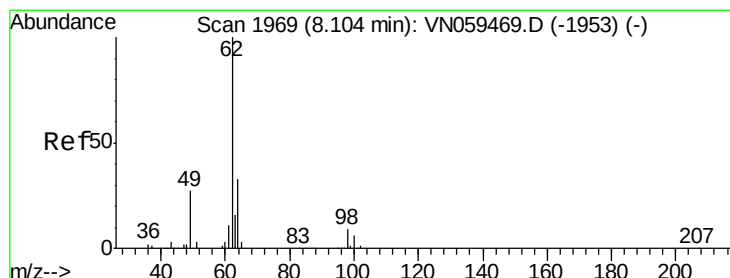
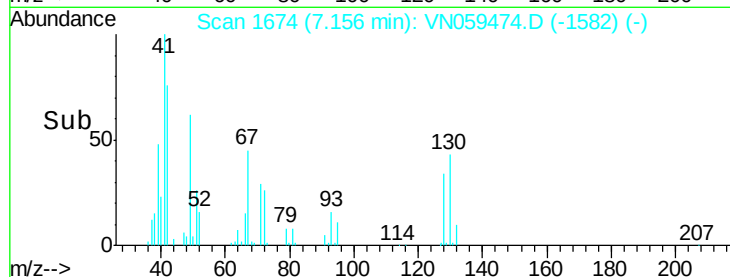
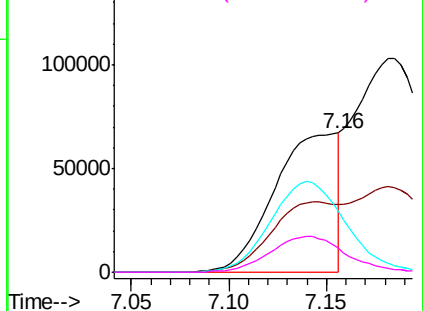
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

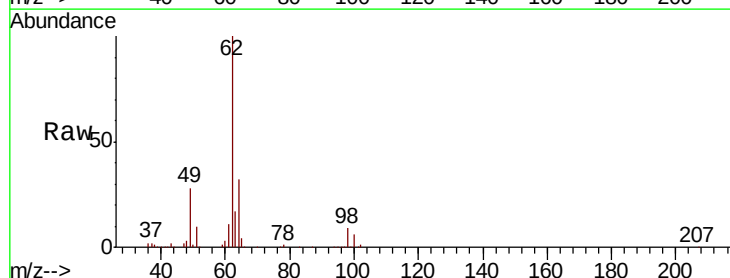
Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42
1,2-Dichloroethane
Concen: 49.964 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

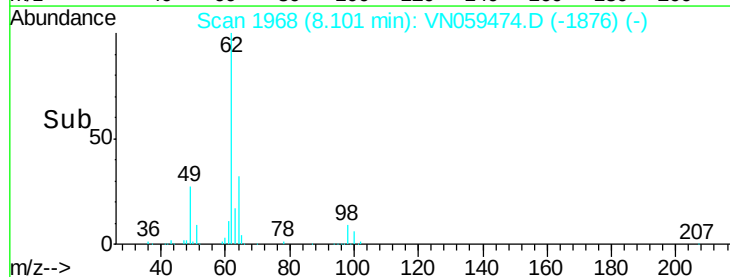
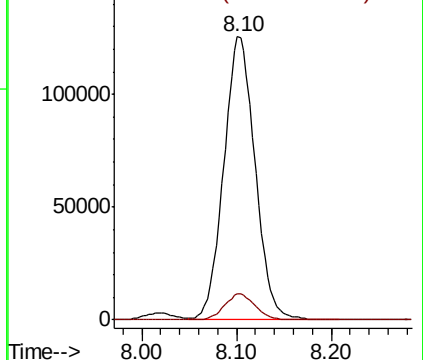
Tgt Ion	Ratio	Resp	Lower	Upper
62	100	287920		
98	9.0	0.0	0.0	17.8

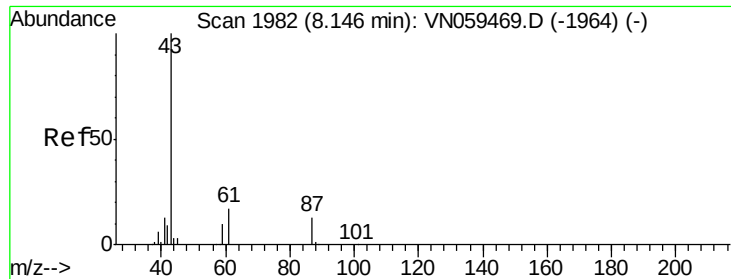


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





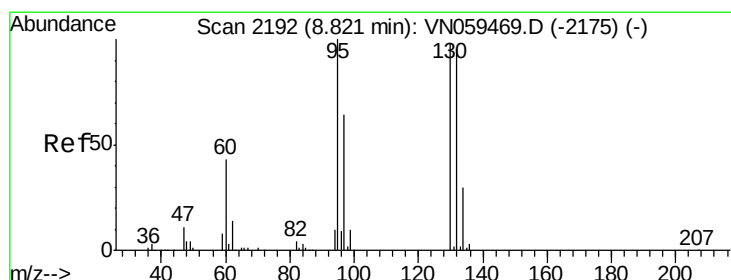
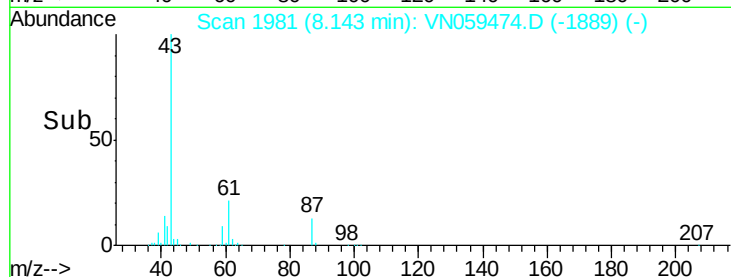
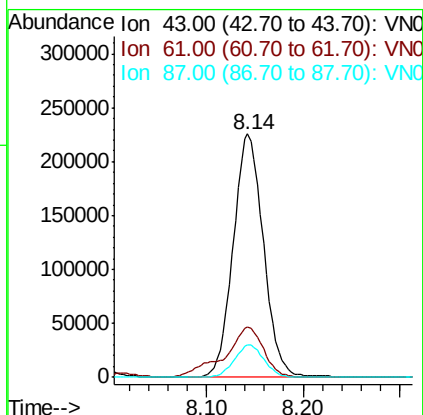
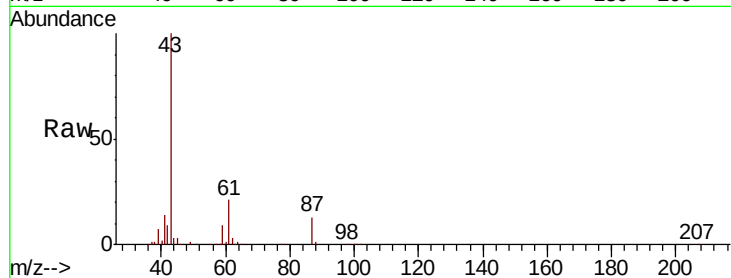
#43
Isopropyl Acetate
Concen: 50.712 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120319

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.4	21.0	31.6
87	13.1	10.4	15.6

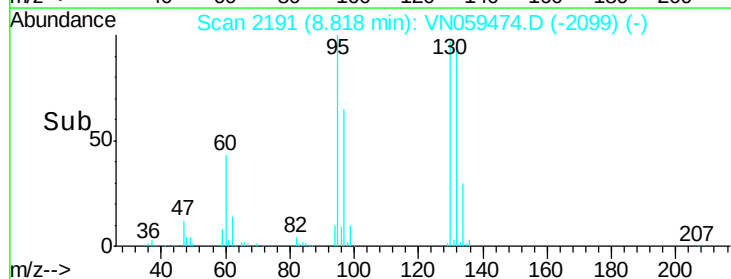
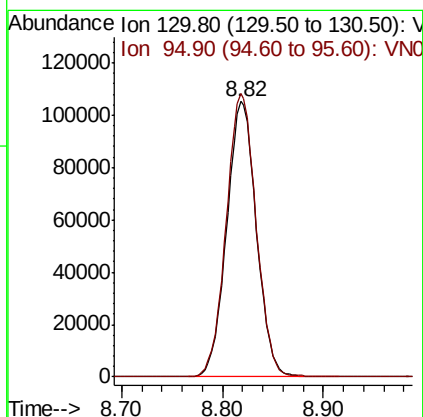
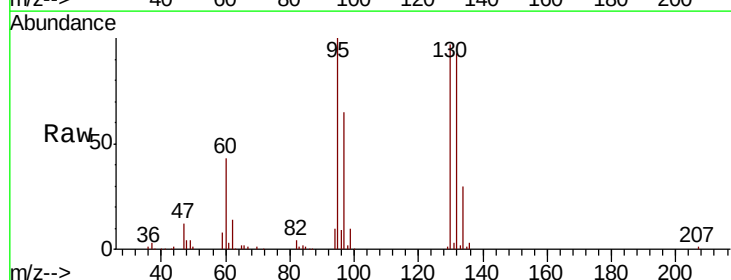
Manual Integrations
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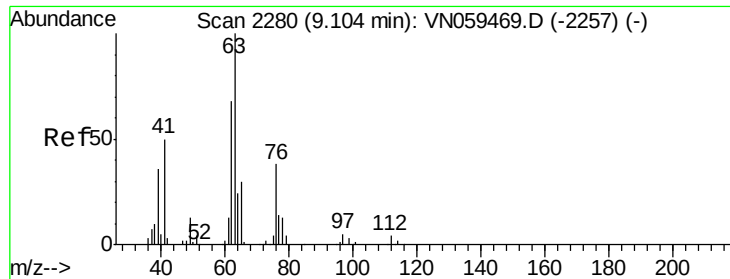
apatel
12/4/2019 9:22:22 AM



#44
Trichloroethene
Concen: 48.677 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	203.6





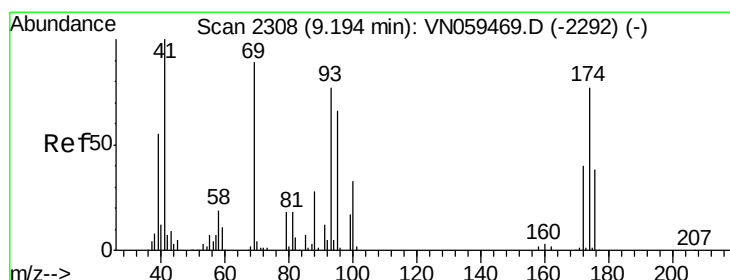
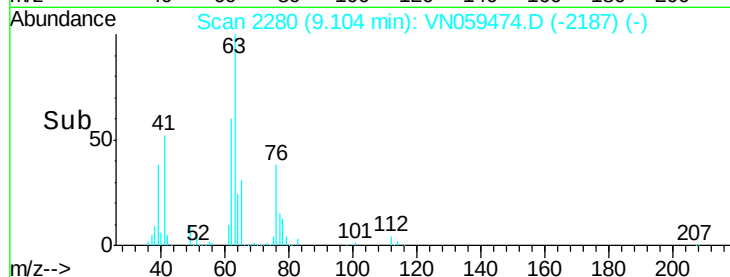
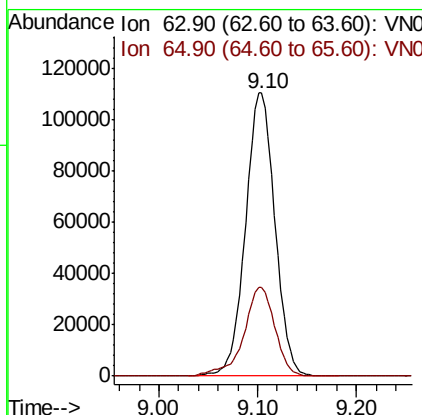
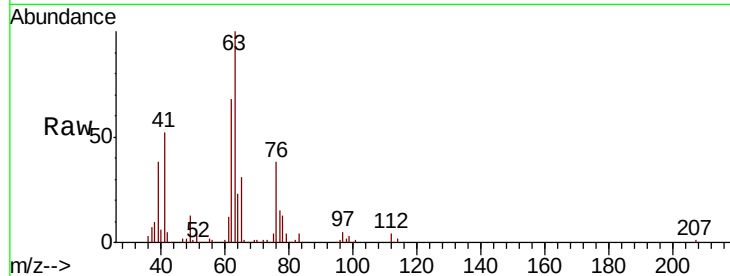
#45
 1,2-Dichloropropane
 Concen: 50.177 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120319

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.4	36.6

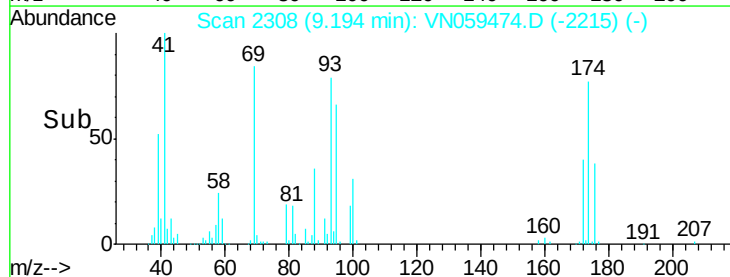
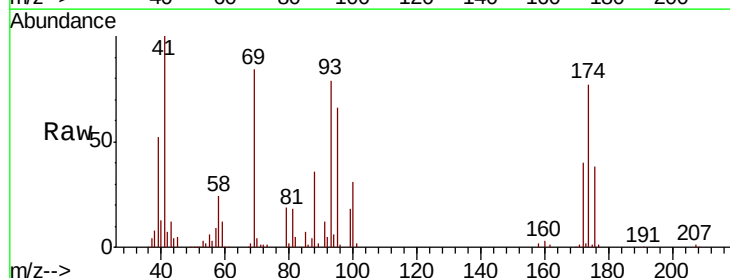
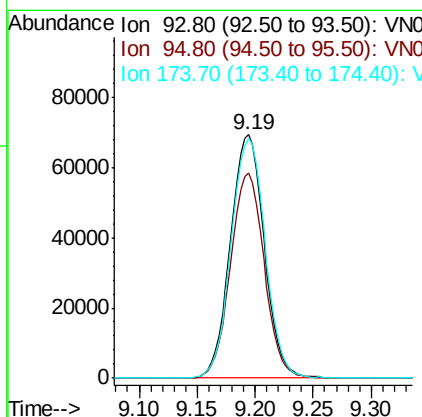
Manual Integrations
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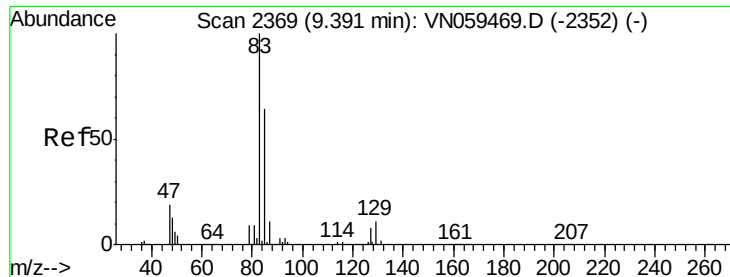
apatel
 12/4/2019 9:22:22 AM



#46
 Dibromomethane
 Concen: 49.835 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	67.0	100.6
174	99.4	79.6	119.4





#47

Bromodichloromethane

Concen: 50.898 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

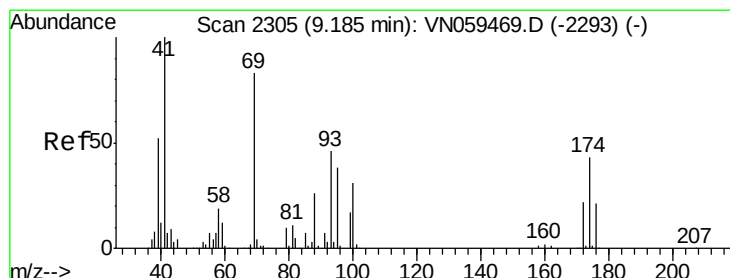
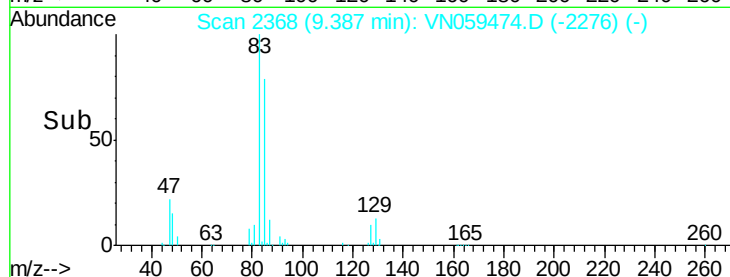
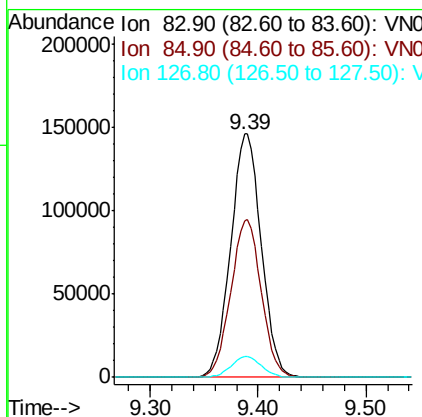
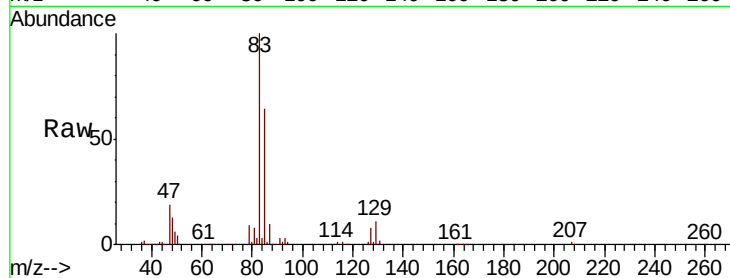
ClientSampleId :

ICVVN120319

Tot Ion:	83	Resp:	287971
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.0	76.6
127	8.5	6.6	9.8

Manual Integrations
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apatel
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#48

Methyl methacrylate

Concen: 50.465 ug/l

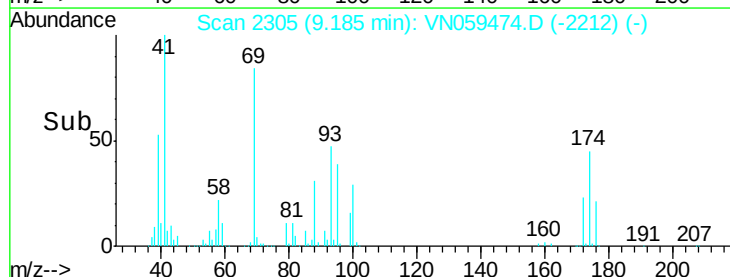
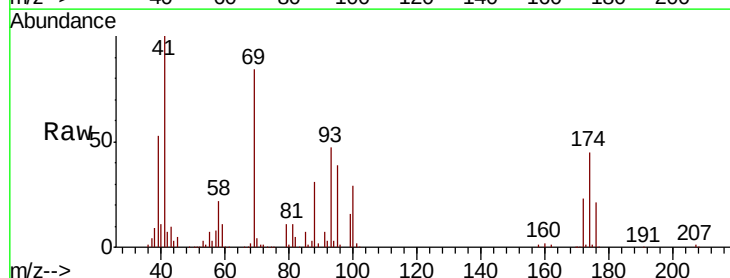
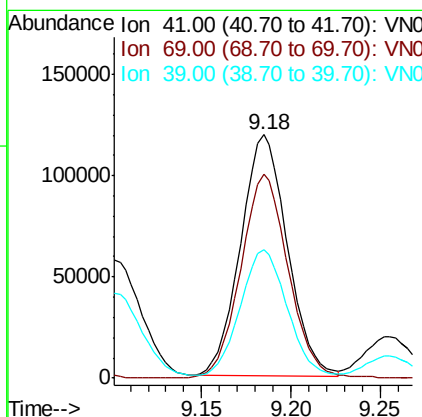
RT: 9.18 min Scan# 2305

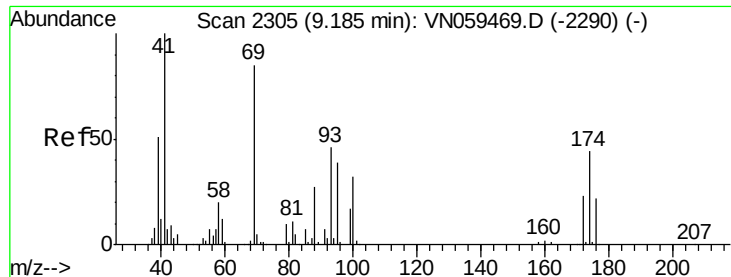
Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Tgt Ion:	41	Resp:	219123
Ion Ratio	Lower	Upper	
41	100		
69	85.8	68.6	103.0
39	53.8	43.2	64.8





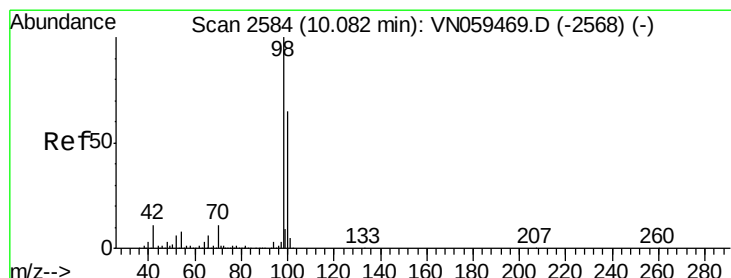
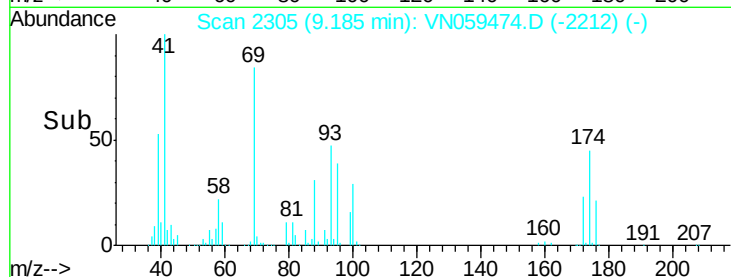
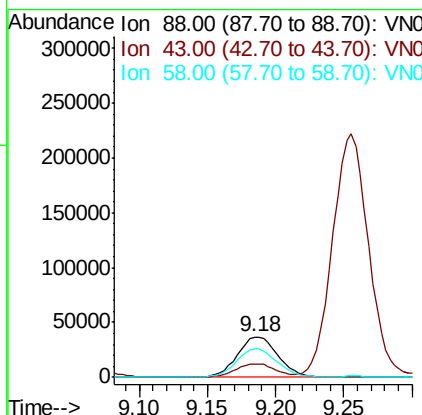
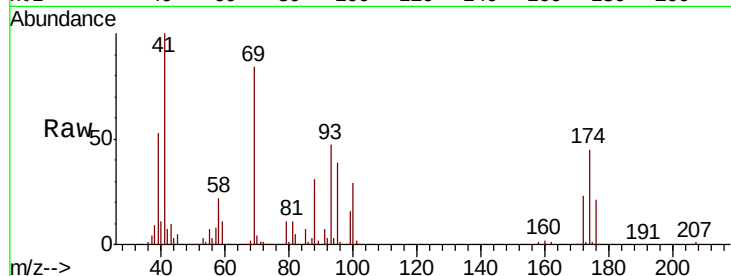
#49
1,4-Dioxane
Concen: 1169.595 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120319

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	27.1	40.7
58	71.3	57.8	86.6

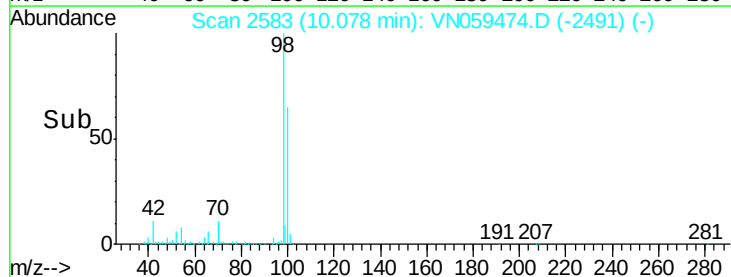
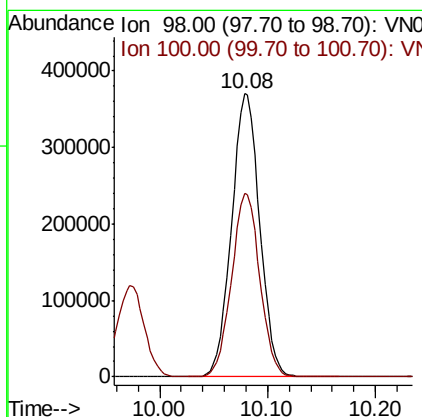
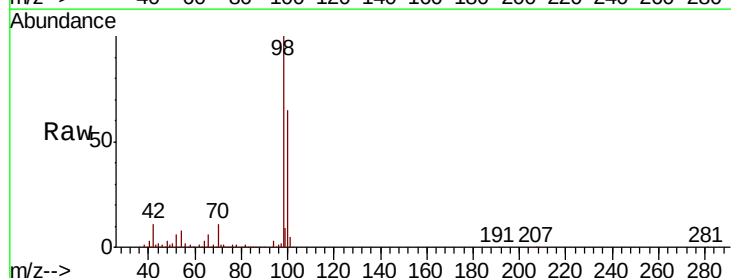
Manual Integrations
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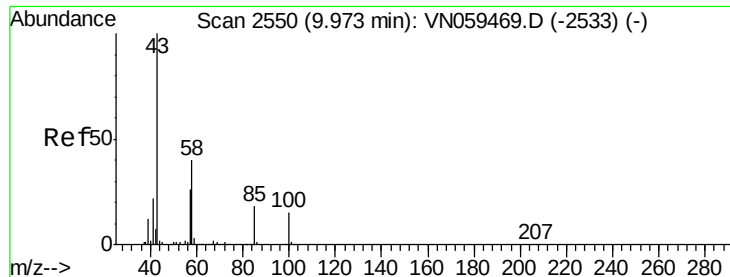
apatel
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#50
Toluene-d8
Concen: 49.317 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 259.109 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120319

Tot Ion: 43 Resp: 1480273

Ion Ratio Lower Upper

43 100

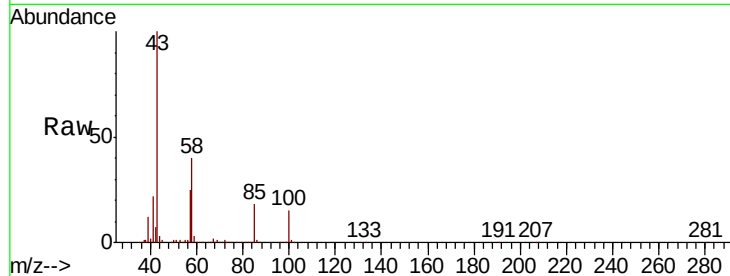
58 39.9 32.1 48.1

Manual Integrations

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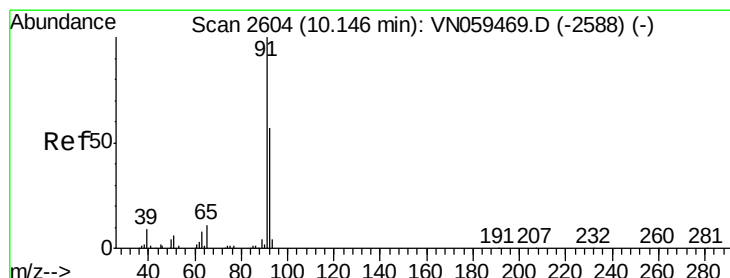
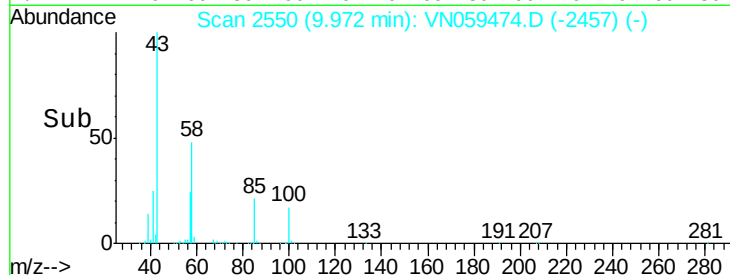
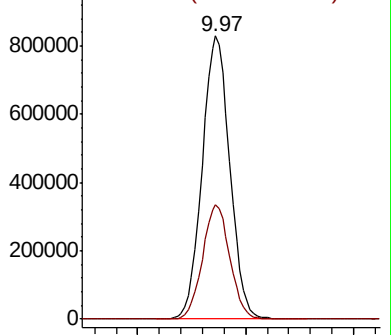
apatel

12/4/2019 9:22:22 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 50.645 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059474.D

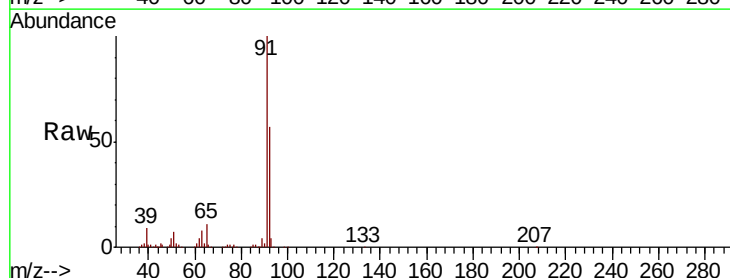
Acq: 3 Dec 2019 17:31

Tgt Ion: 92 Resp: 519610

Ion Ratio Lower Upper

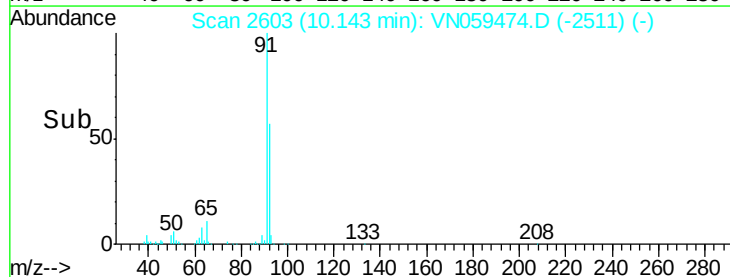
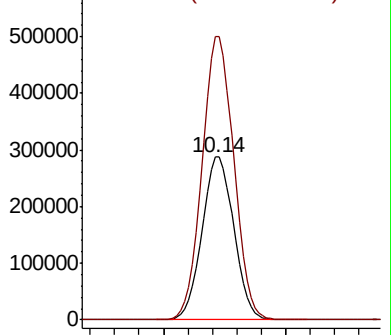
92 100

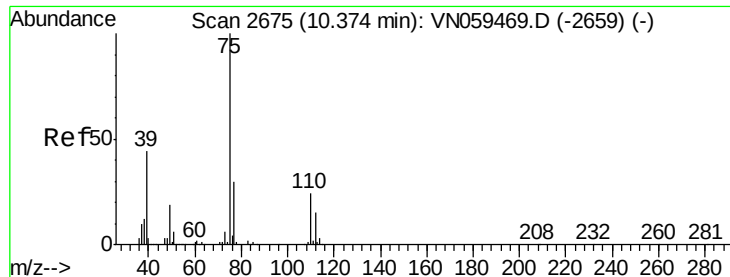
91 173.2 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





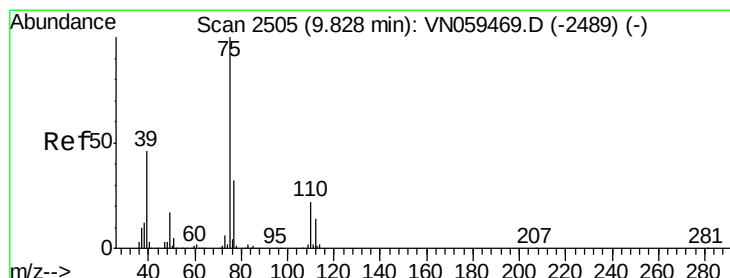
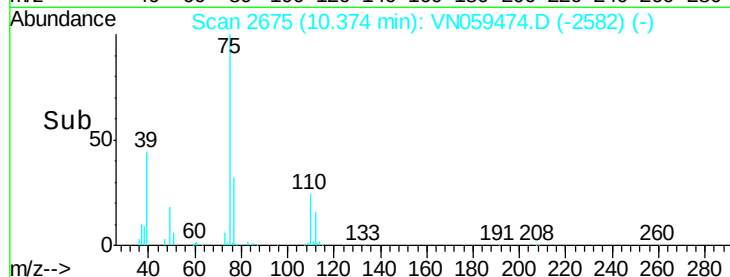
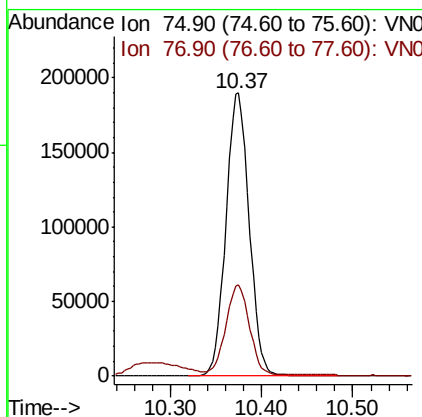
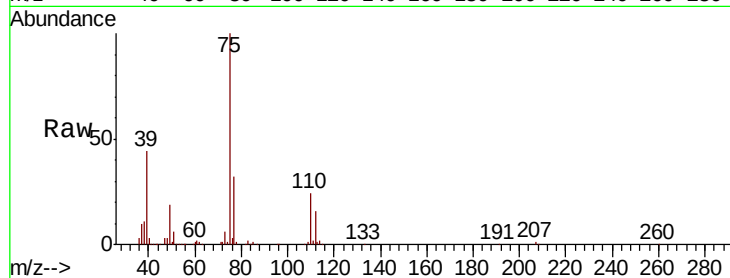
#53
t-1,3-Dichloropropene
Concen: 50.573 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVFN120319

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.0	37.6

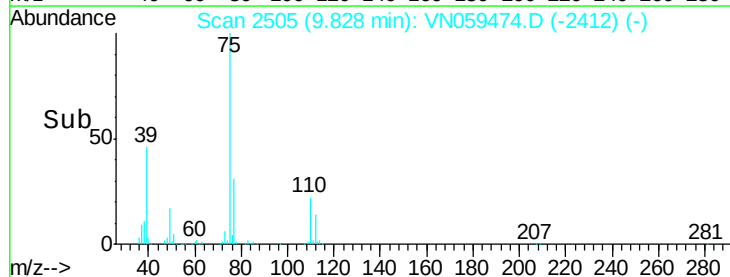
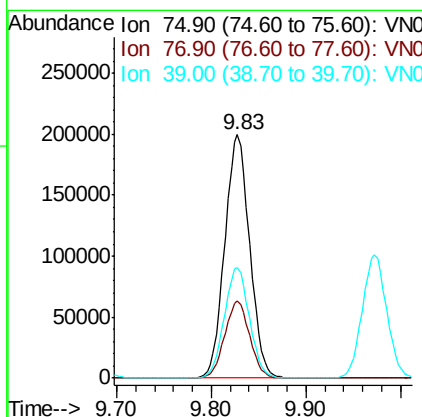
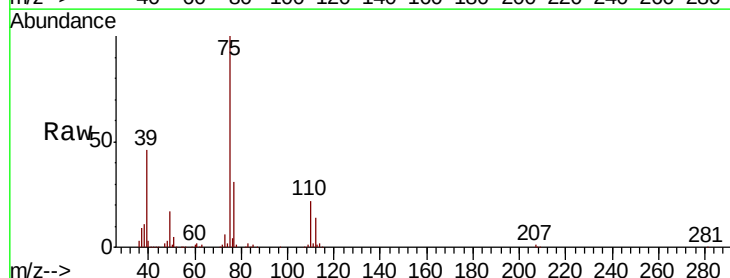
Manual Integrations
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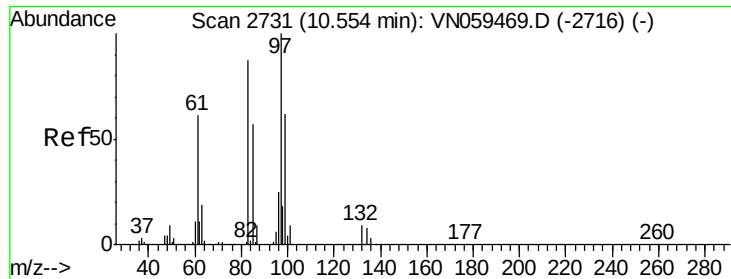
apatel
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#54
cis-1,3-Dichloropropene
Concen: 51.710 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.7	38.5
39	45.5	36.6	54.8





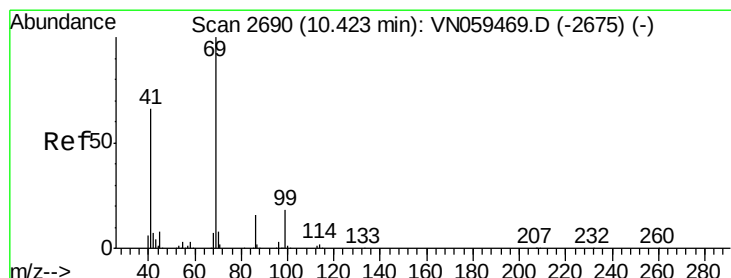
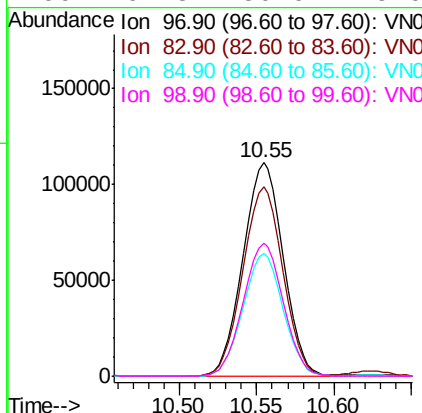
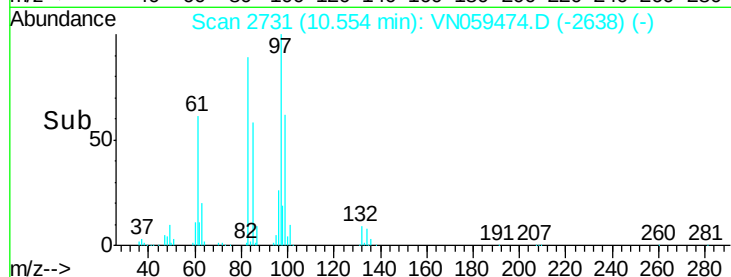
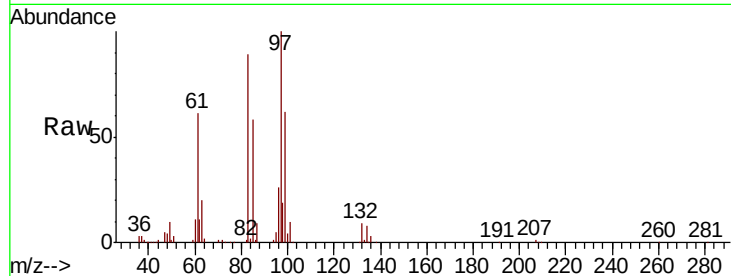
#55
 1,1,2-Trichloroethane
 Concen: 49.969 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120319

Tot Ion:	97	Resp:	202103
Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.8	104.8
85	57.8	45.5	68.3
99	62.3	50.0	75.0

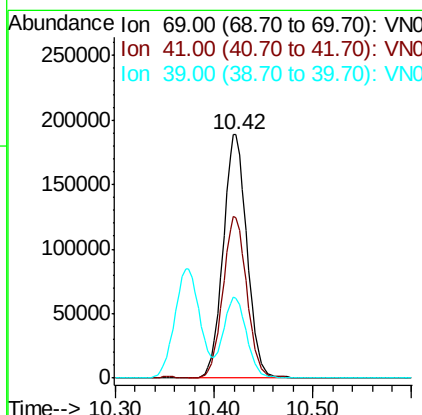
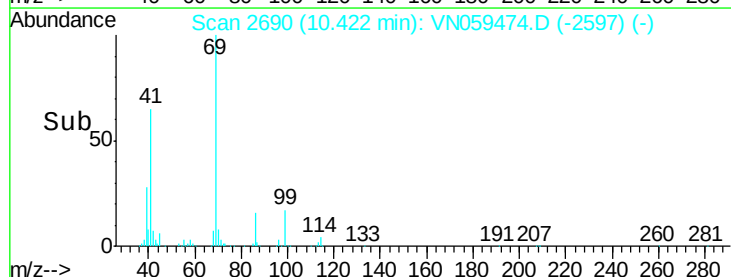
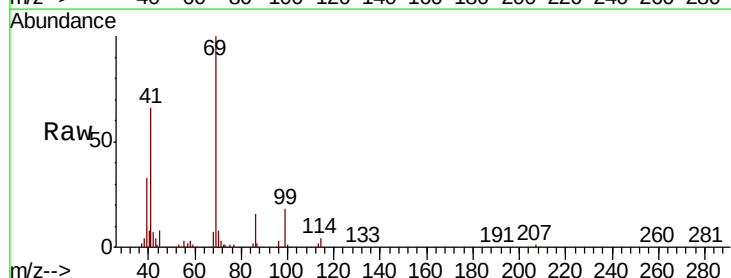
Manual Integrations
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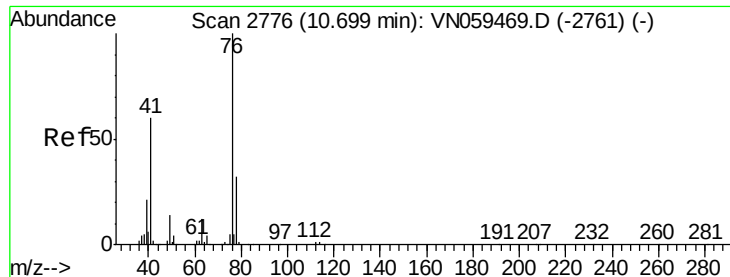
apatel
 12/4/2019 9:22:22 AM



#56
 Ethyl methacrylate
 Concen: 48.738 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Tgt Ion:	69	Resp:	318886
Ion	Ratio	Lower	Upper
69	100		
41	65.6	52.7	79.1
39	31.9	25.0	37.6





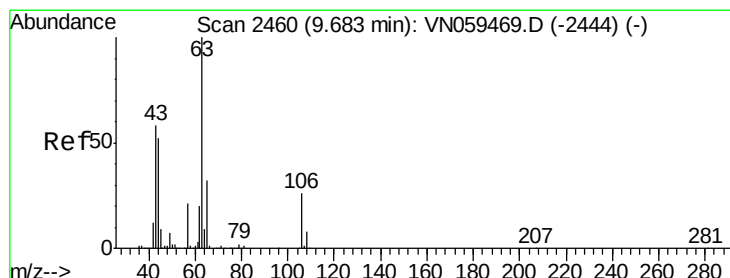
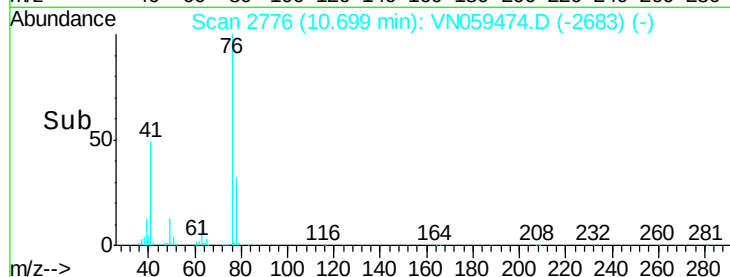
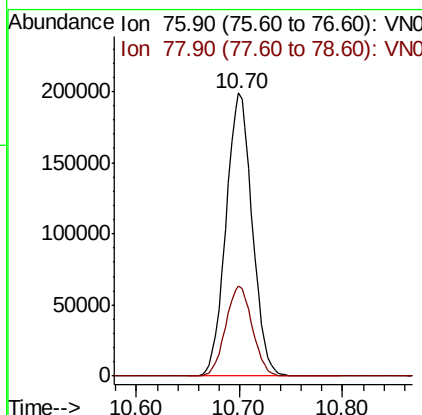
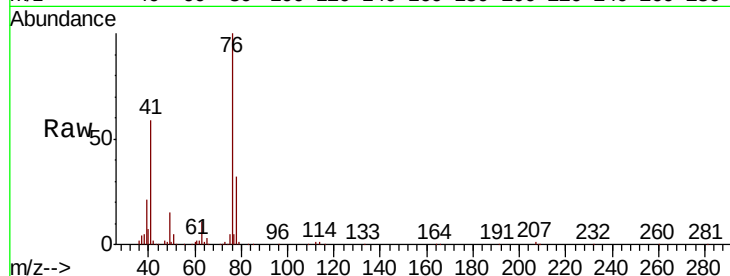
#57
 1,3-Dichloropropane
 Concen: 50.339 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120319

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.8

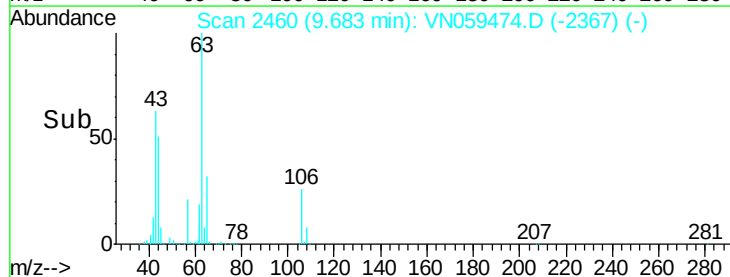
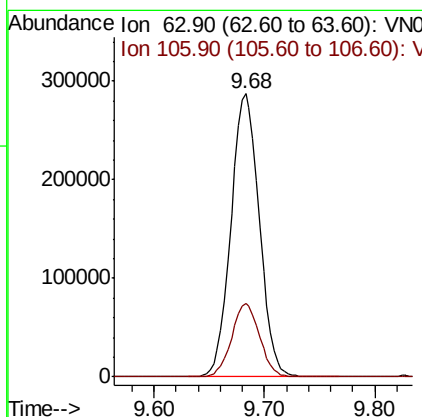
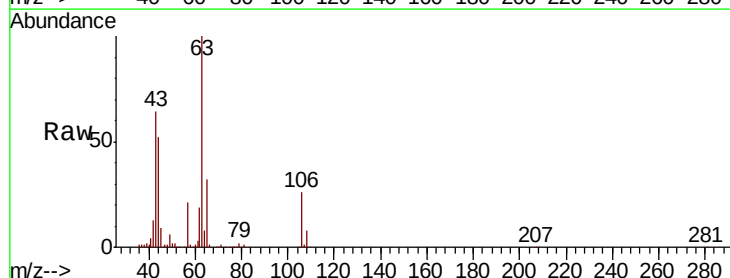
Manual Integrations
 APPROVED

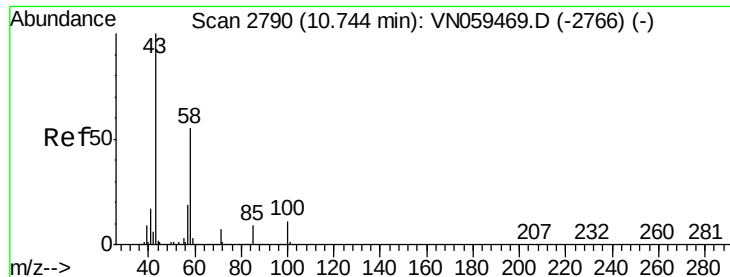
apatel
 12/4/2019 9:22:22 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 230.458 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.6	20.4	30.6





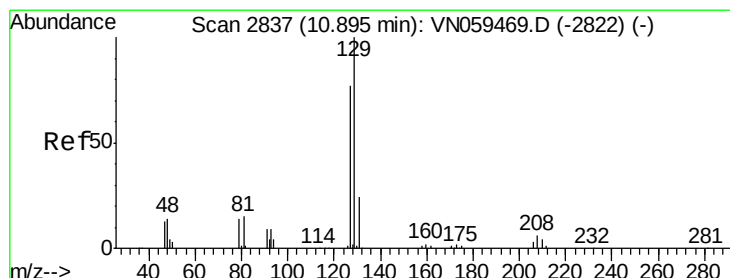
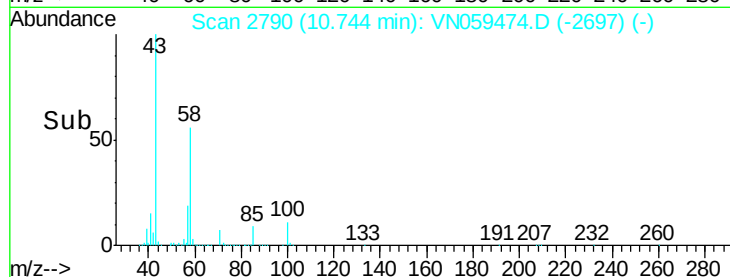
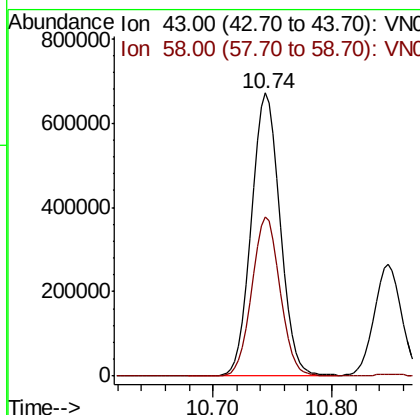
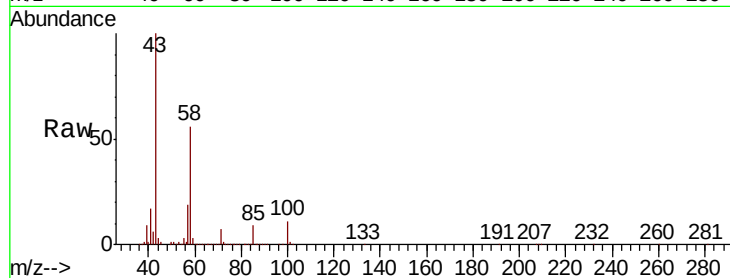
#59
2-Hexanone
Concen: 260.897 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120319

Tot Ion: 43 Resp: 1121699
Ion Ratio Lower Upper
43 100
58 55.6 27.7 83.0

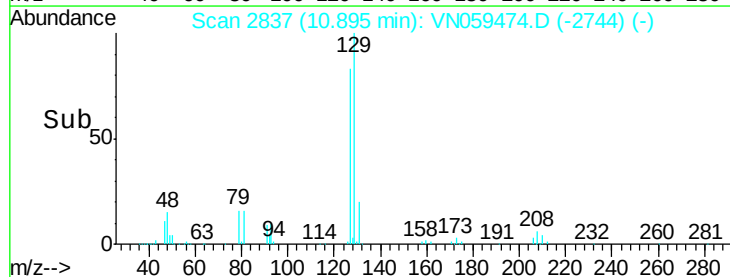
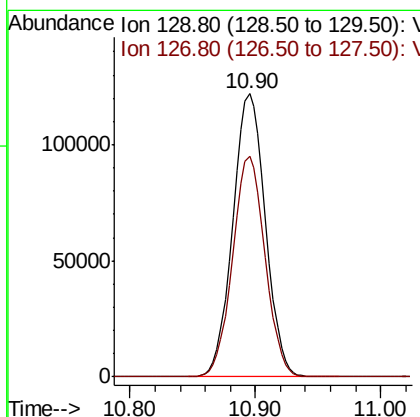
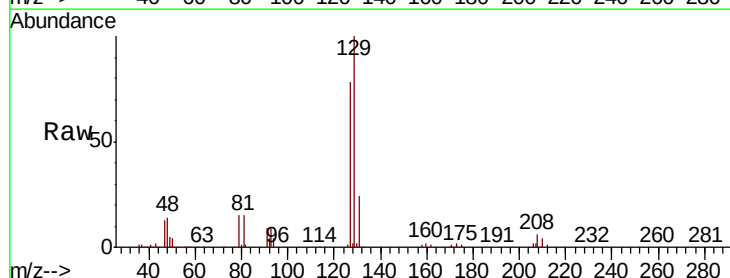
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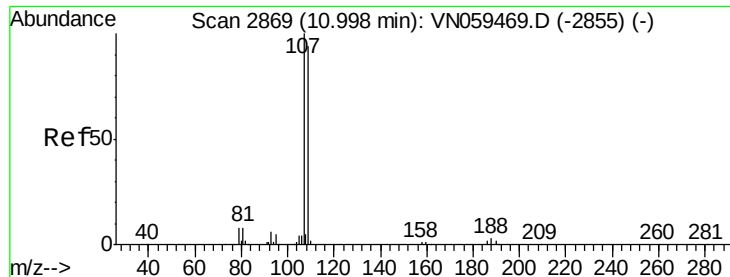
apatel
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#60
Dibromochloromethane
Concen: 50.940 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion: 129 Resp: 219985
Ion Ratio Lower Upper
129 100
127 77.3 39.0 116.9





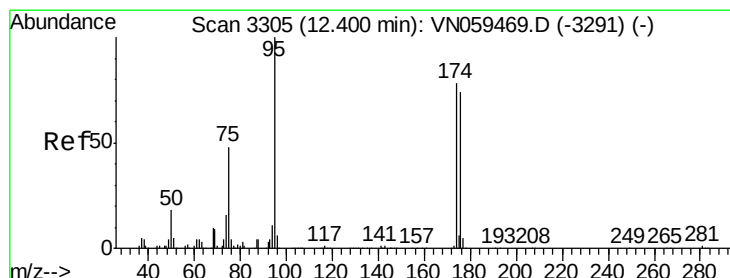
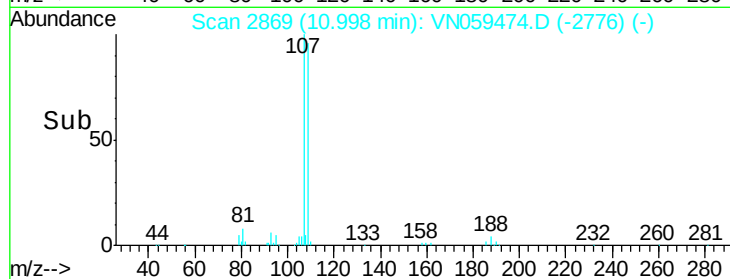
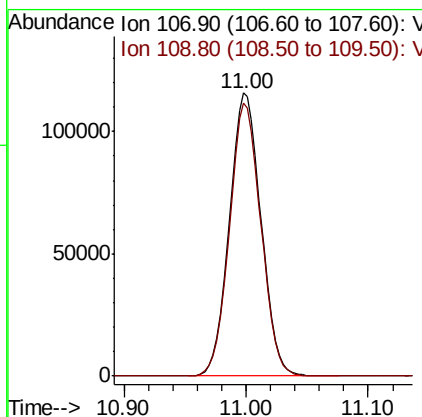
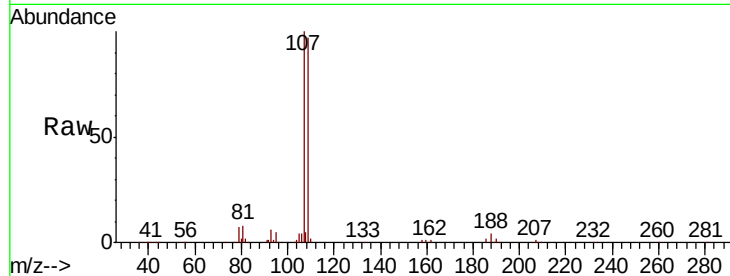
#61
 1,2-Dibromoethane
 Concen: 49.860 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN120319

Tot Ion	Ratio	Resp	Lower	Upper
107	100	208377		
109	95.8	75.4	113.0	

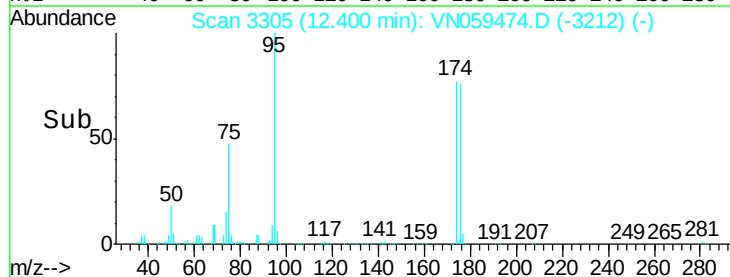
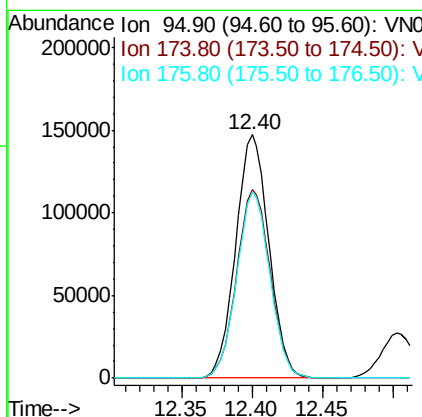
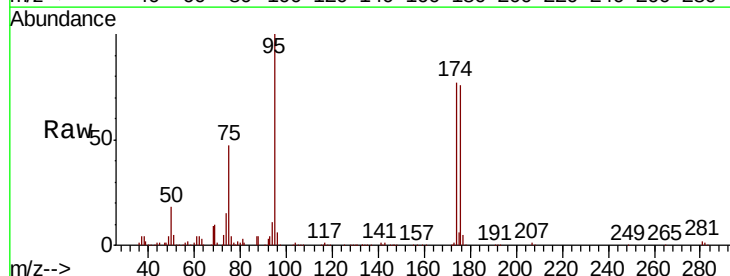
Manual Integrations
 APPROVED

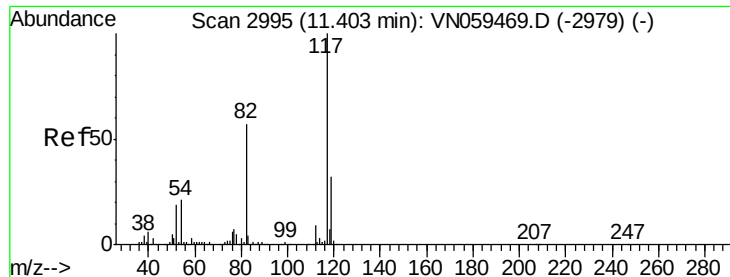
apatel
 12/4/2019 9:22:22 AM



#62
 4-Bromofluorobenzene
 Concen: 50.863 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	242829		
174	78.6	0.0	157.0	
176	76.6	0.0	152.4	





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

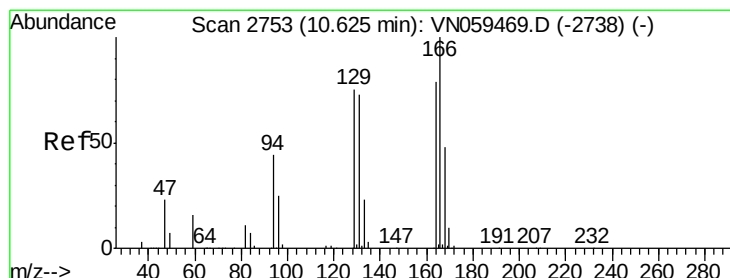
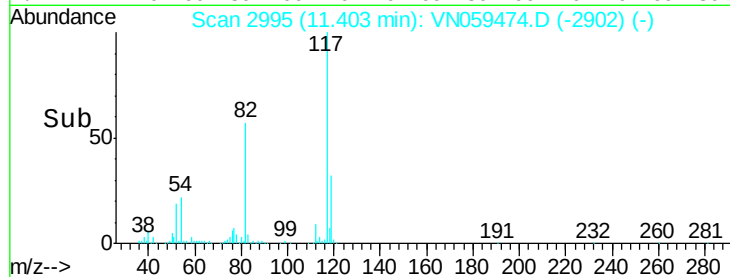
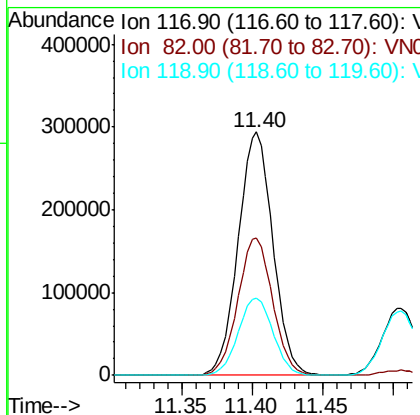
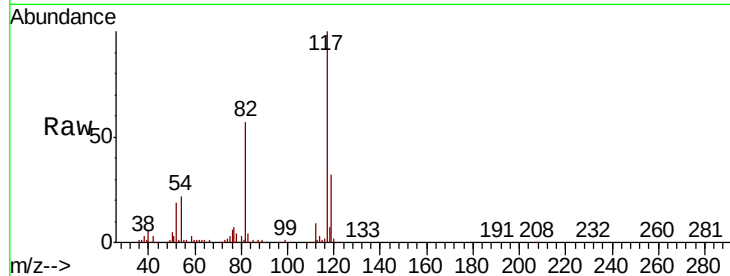
ClientSampleId :

ICVVN120319

Tot Ion:	117	Resp:	507152
Ion Ratio		Lower	Upper
117	100		
82	56.6	45.8	68.8
119	31.9	25.4	38.0

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#64

Tetrachloroethene

Concen: 46.431 ug/l

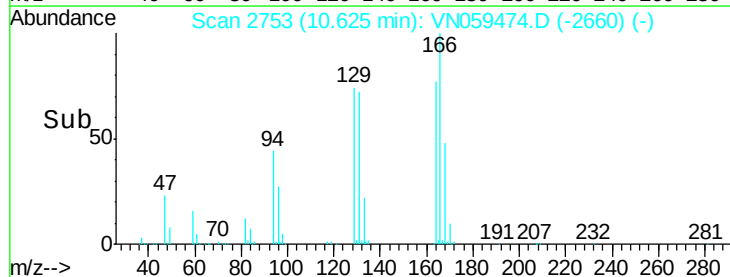
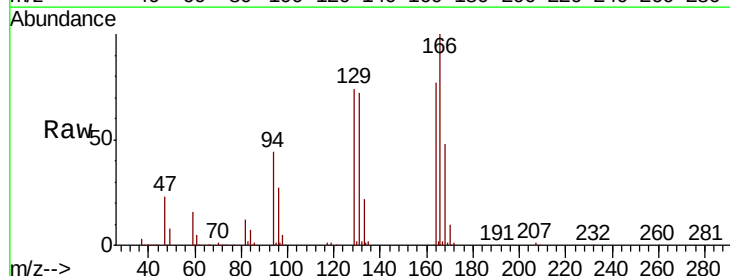
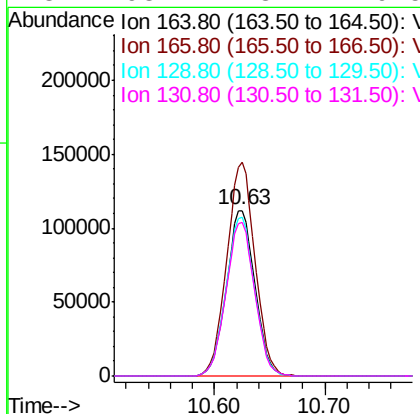
RT: 10.63 min Scan# 2753

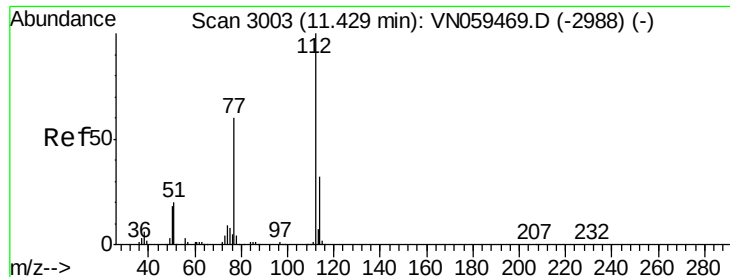
Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Tgt Ion:	164	Resp:	200298
Ion Ratio		Lower	Upper
164	100		
166	129.2	101.2	151.8
129	96.1	76.1	114.1
131	93.1	73.7	110.5





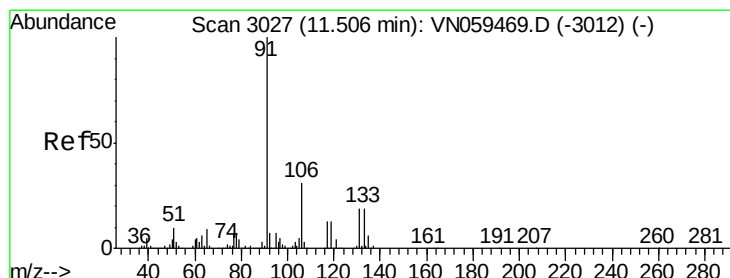
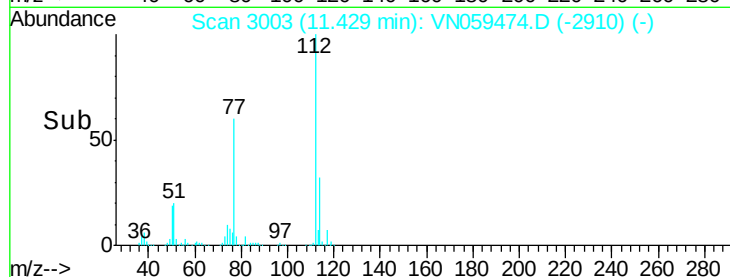
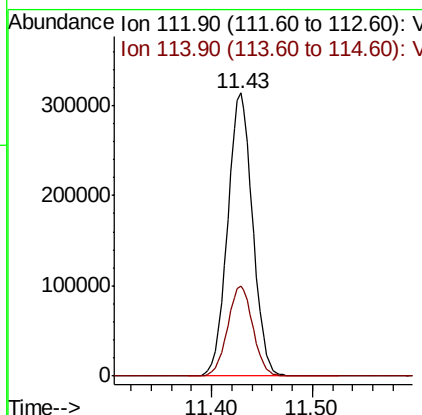
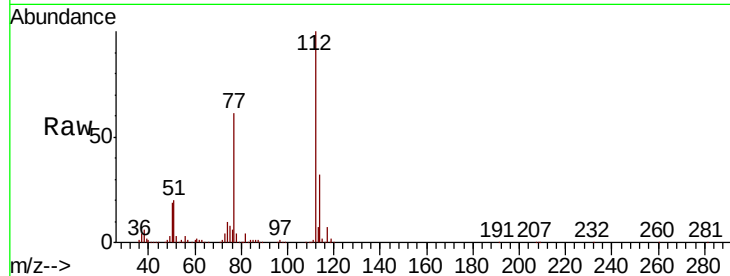
#65
Chlorobenzene
Concen: 48.846 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120319

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.7	38.5

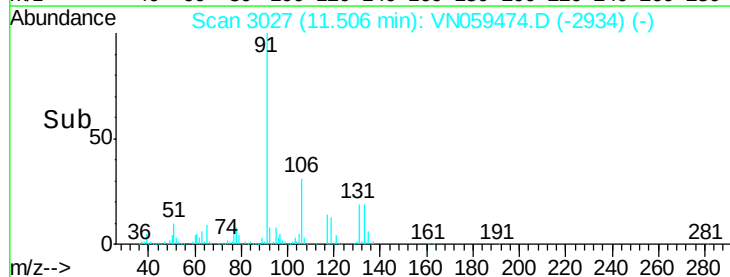
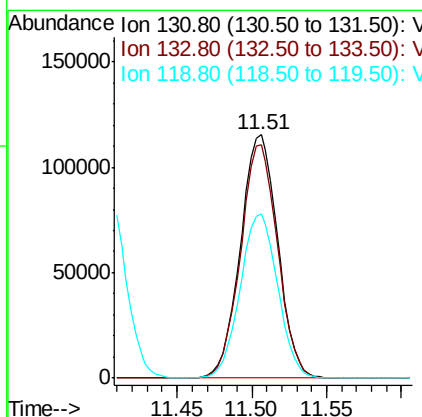
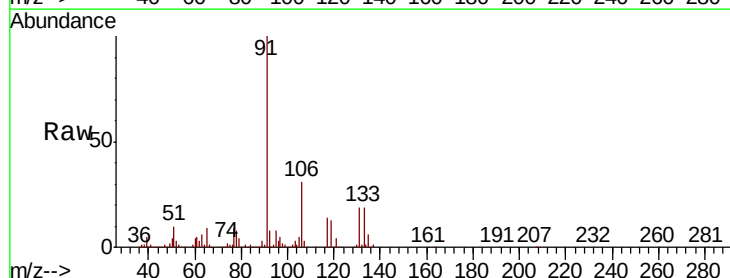
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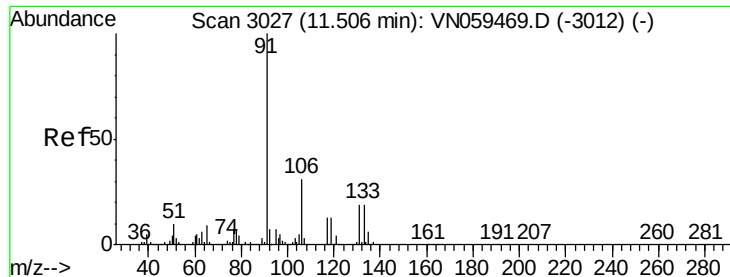
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.296 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	48.0	144.0
119	67.8	33.9	101.6





#67

Ethyl Benzene

Concen: 51.031 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

ClientSampled :

ICVVN120319

Tot Ion: 91 Resp: 991279

Ion Ratio Lower Upper

91 100

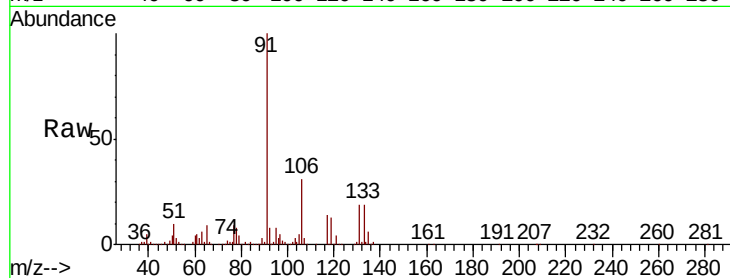
106 30.9 24.7 37.1

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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

800000

600000

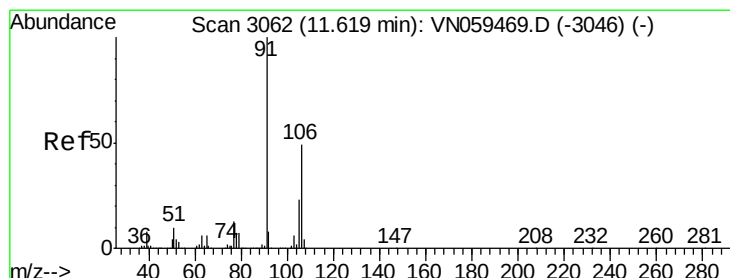
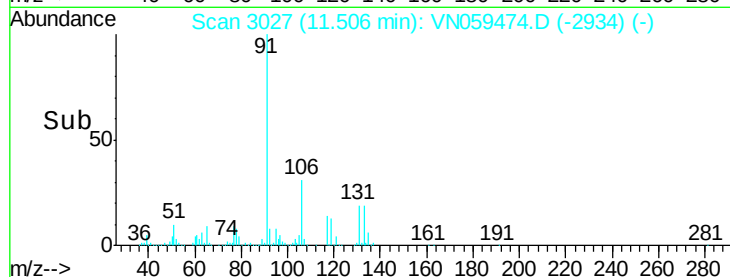
400000

200000

0

11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 102.836 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059474.D

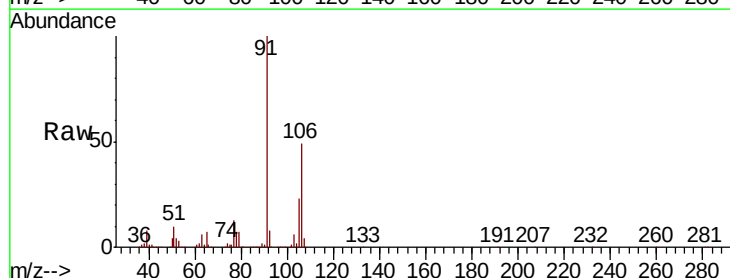
Acq: 3 Dec 2019 17:31

Tgt Ion:106 Resp: 743804

Ion Ratio Lower Upper

106 100

91 205.5 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

800000

600000

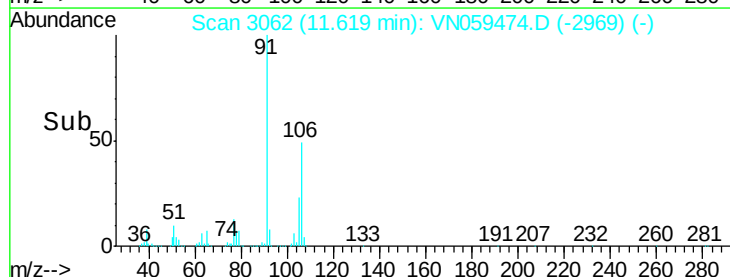
400000

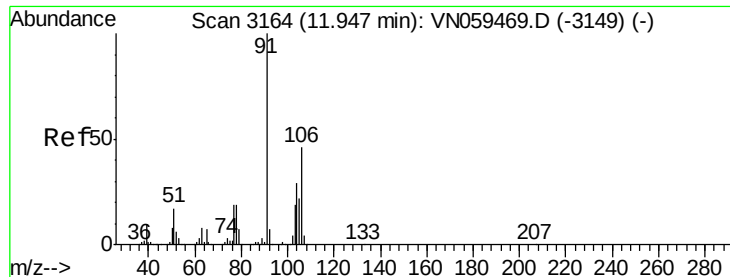
200000

0

11.50 11.60 11.70

Time-->





#69

o-Xylene

Concen: 51.280 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

ClientSampled :

ICVVN120319

Tot Ion:106 Resp: 353116

Ion Ratio Lower Upper

106 100

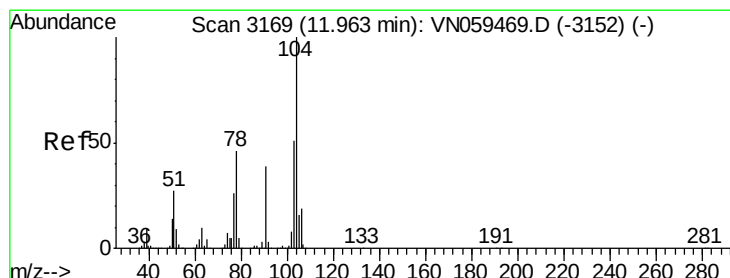
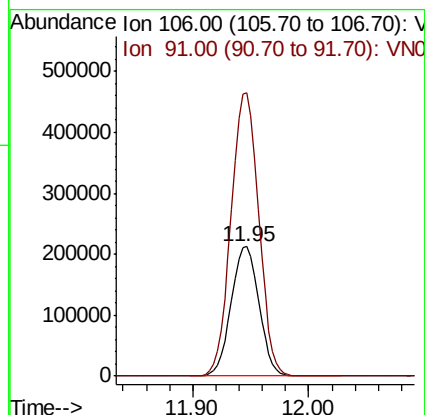
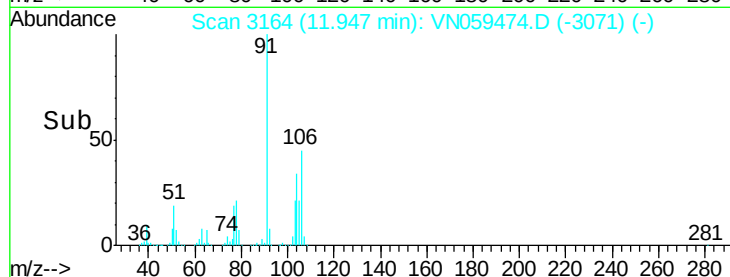
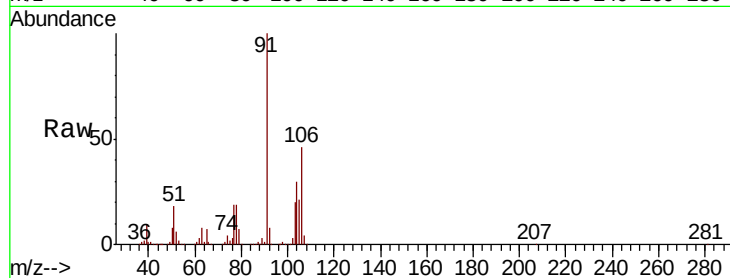
91 218.2 108.5 325.3

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#70

Styrene

Concen: 52.335 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

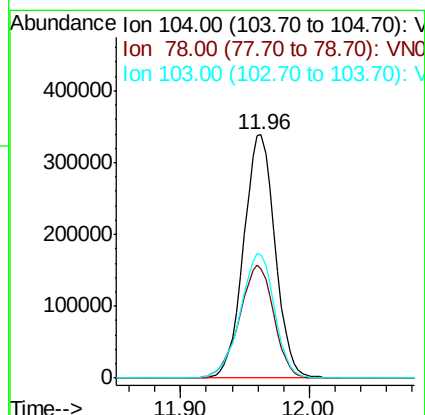
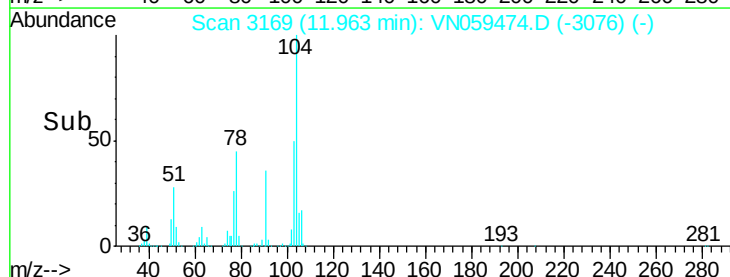
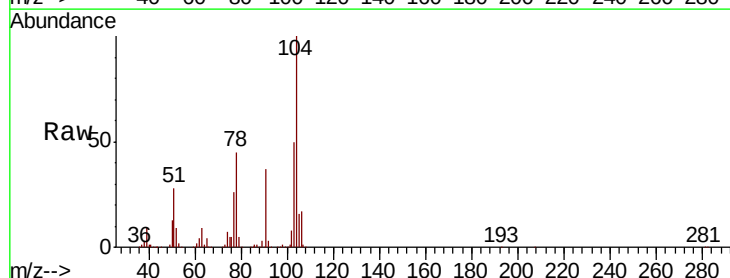
Tgt Ion:104 Resp: 575290

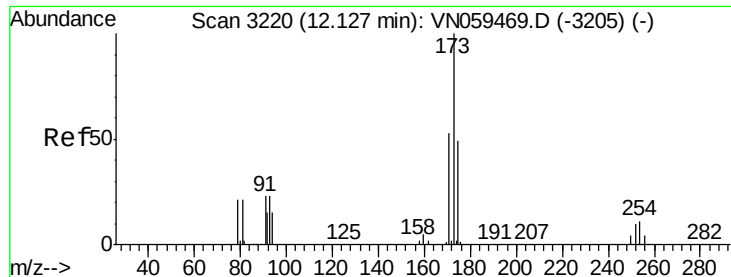
Ion Ratio Lower Upper

104 100

78 50.9 41.0 61.4

103 55.6 44.7 67.1





#71

Bromoform

Concen: 50.890 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

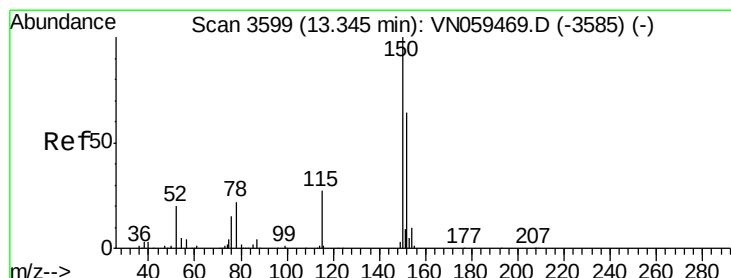
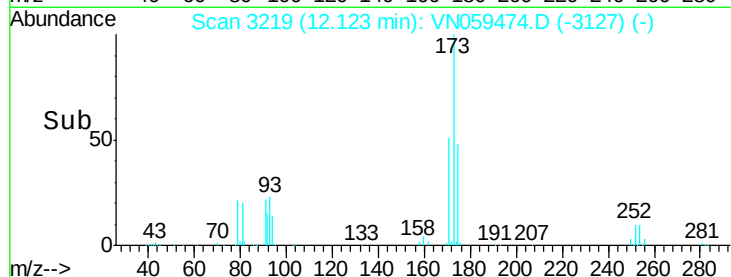
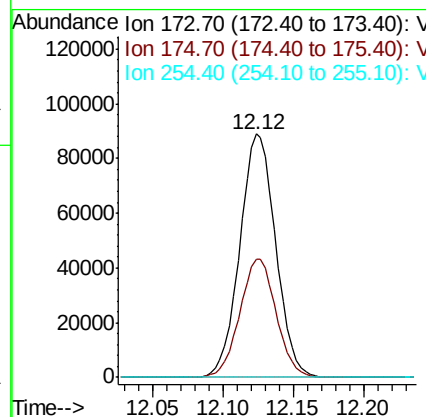
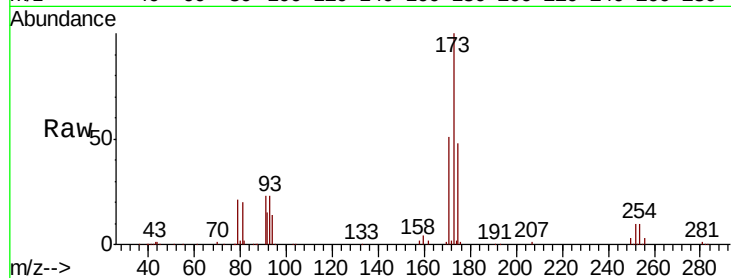
ClientSampleId :

ICVVN120319

Tot Ion:	173	Resp:	158023
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.3	73.0
254	0.0	0.0	0.0#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

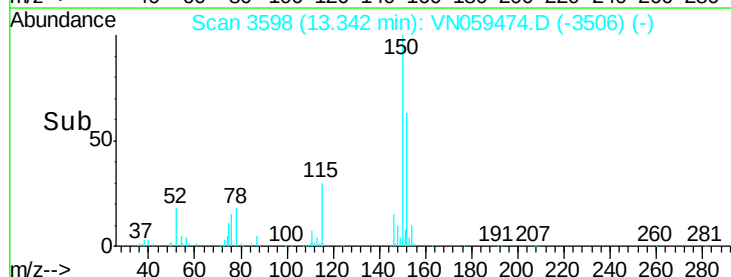
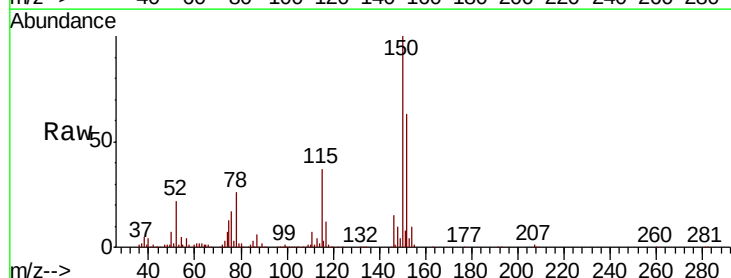
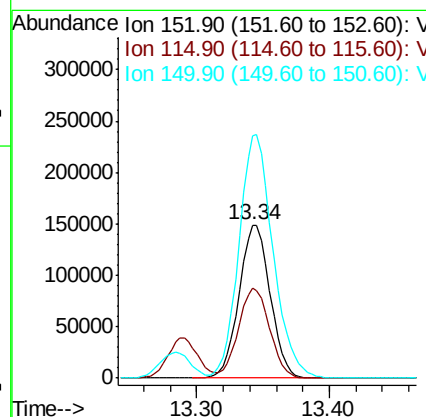
RT: 13.34 min Scan# 3598

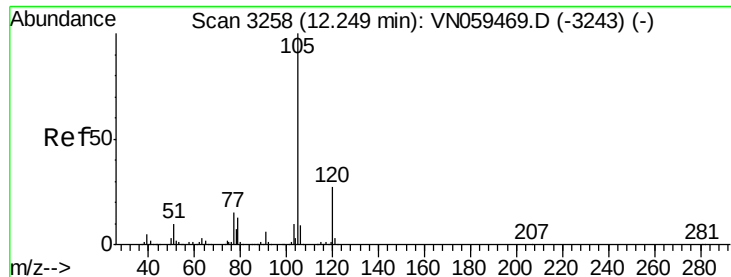
Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Tgt Ion:	152	Resp:	242951
Ion Ratio	Lower	Upper	
152	100		
115	58.8	29.2	87.6
150	173.9	0.0	352.8





#73

Isopropylbenzene

Concen: 48.640 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120319

Tot Ion: 105 Resp: 947702

Ion Ratio Lower Upper

105 100

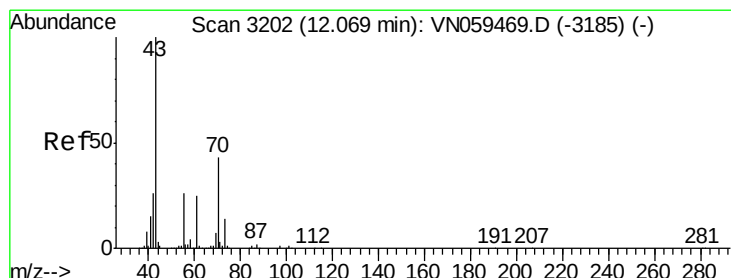
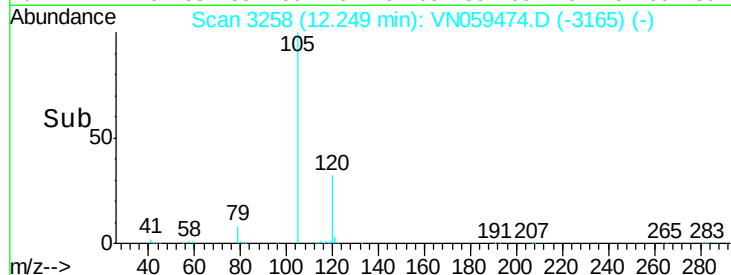
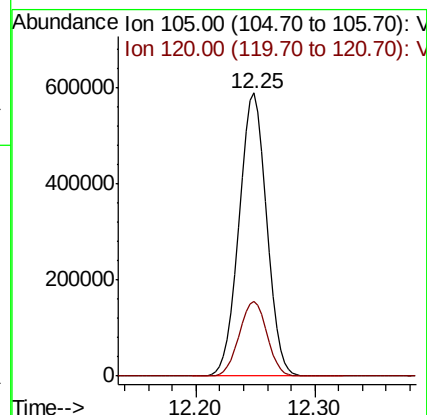
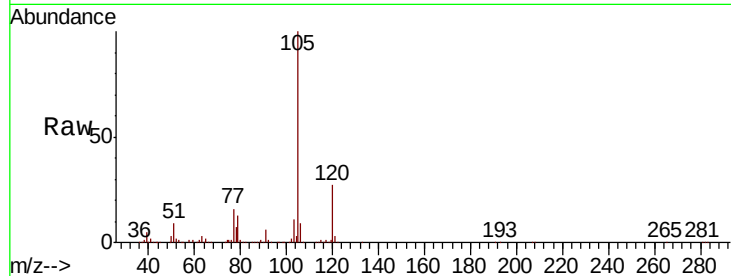
120 26.6 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 50.732 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Tgt Ion: 43 Resp: 398146

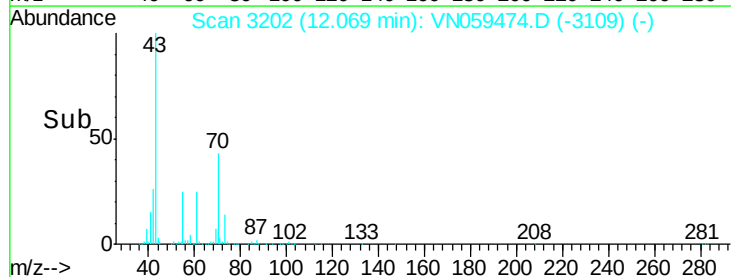
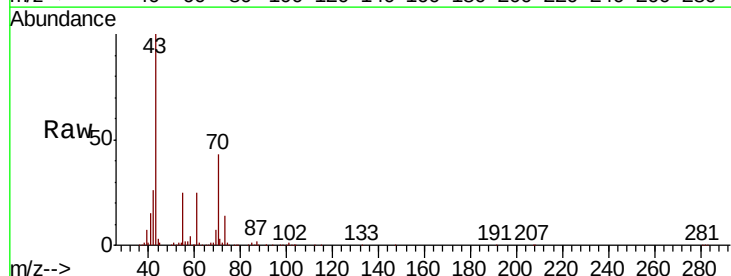
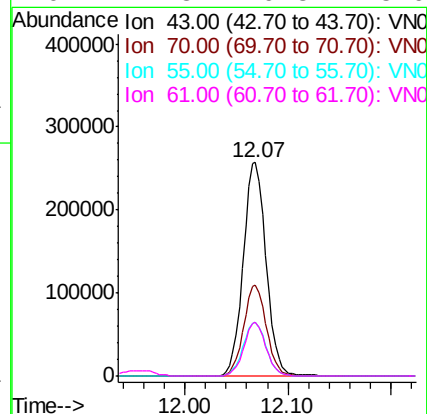
Ion Ratio Lower Upper

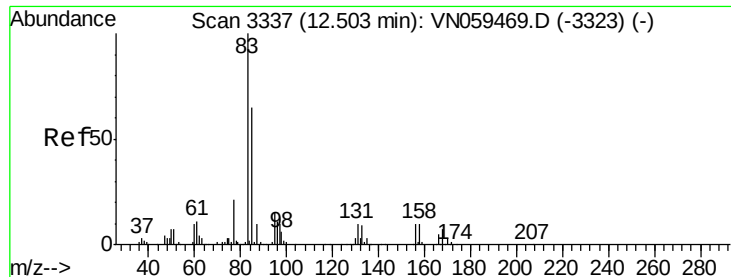
43 100

70 42.4 34.2 51.2

55 25.3 20.6 31.0

61 24.3 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.029 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

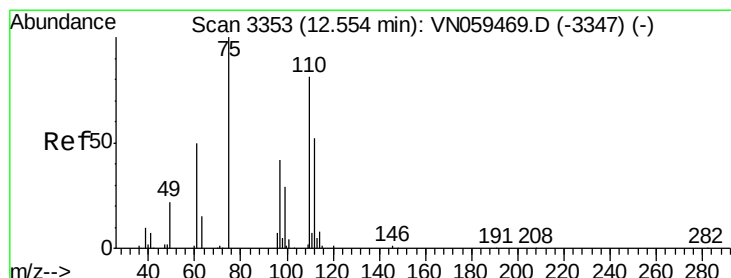
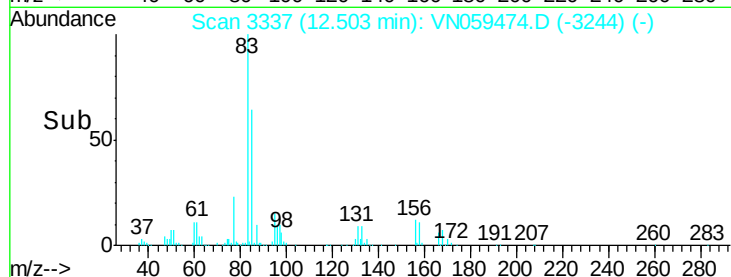
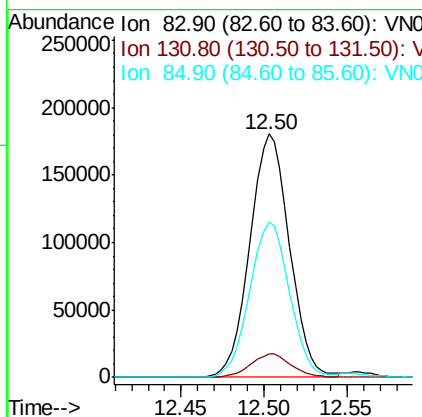
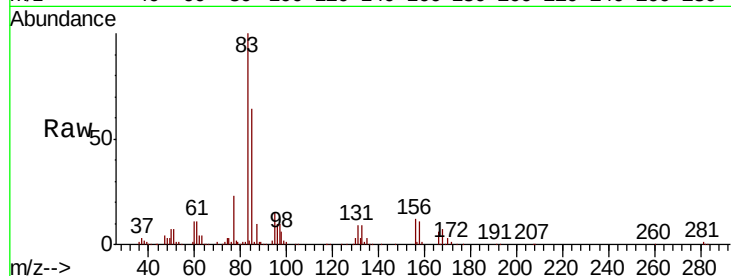
ClientSampleId :

ICVVN120319

Tot Ion:	83	Resp:	300173
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	64.1	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.620 ug/l m

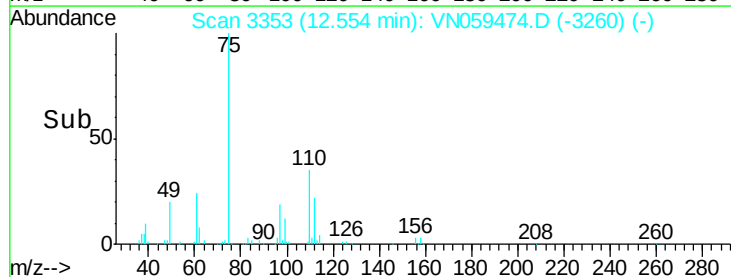
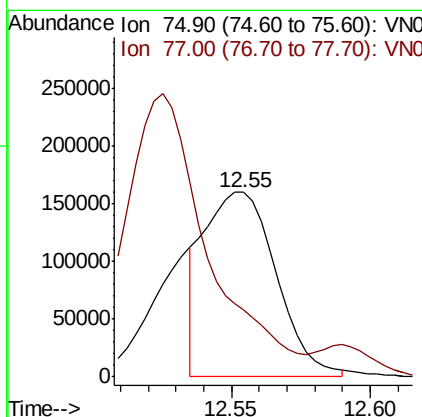
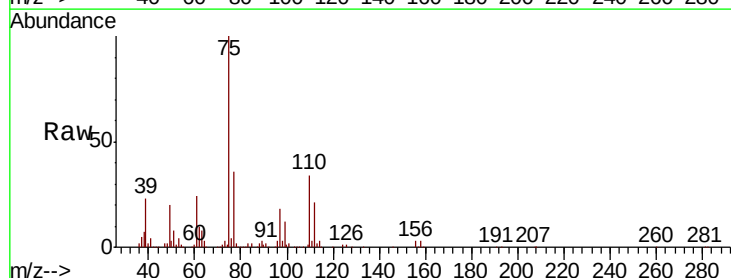
RT: 12.55 min Scan# 3353

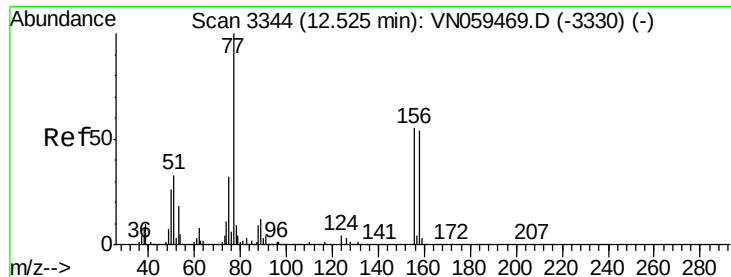
Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Tgt Ion:	75	Resp:	287663
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.036 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

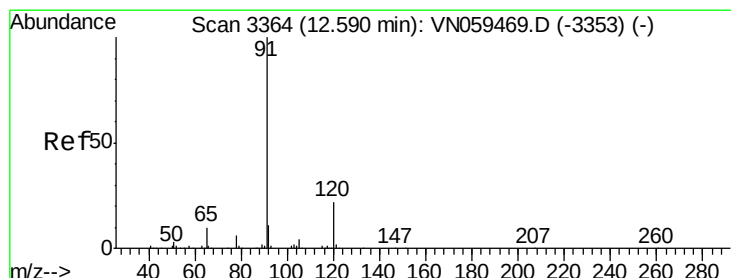
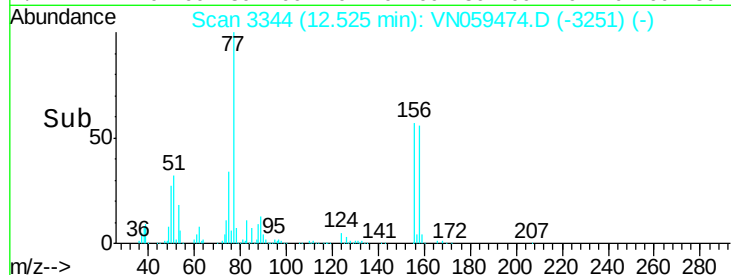
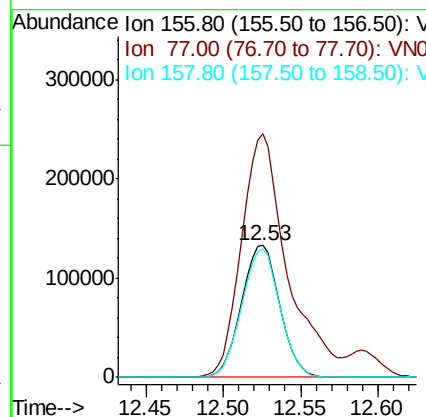
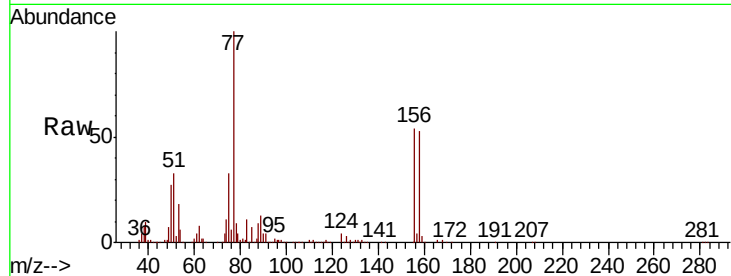
ClientSampleId :

ICVVN120319

Tot Ion:	156	Resp:	229011
Ion Ratio	Lower	Upper	
156	100		
77	221.6	110.3	331.0
158	97.4	48.5	145.5

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#78

n-propylbenzene

Concen: 49.581 ug/l

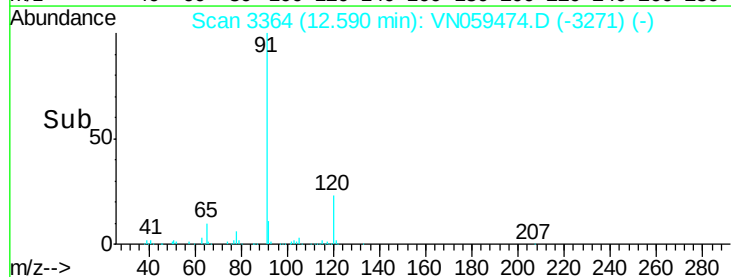
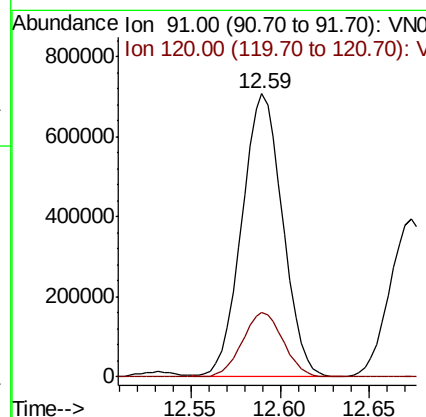
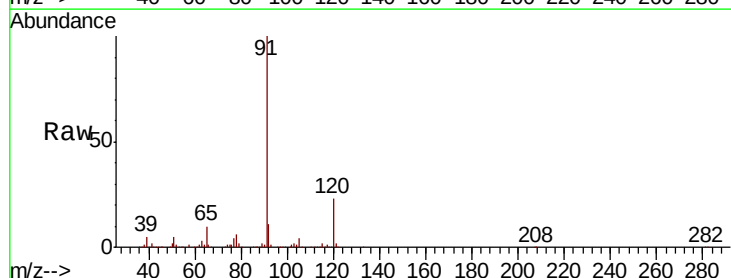
RT: 12.59 min Scan# 3364

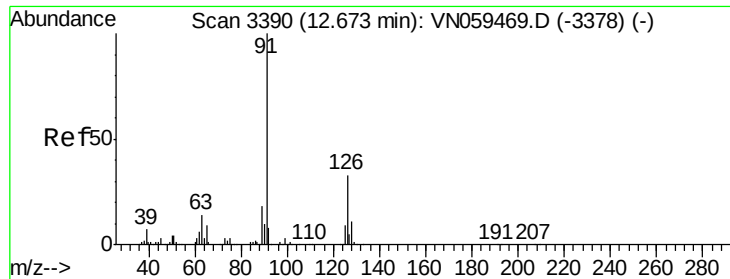
Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Tgt Ion:	91	Resp:	1124190
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.3	33.9





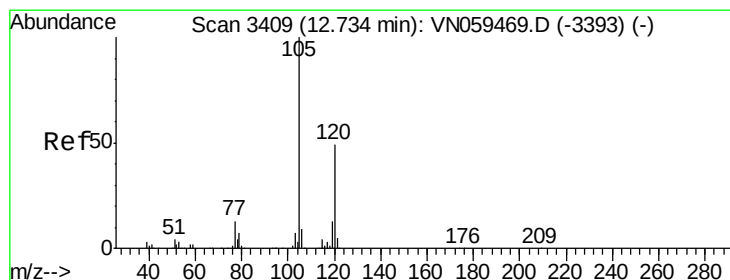
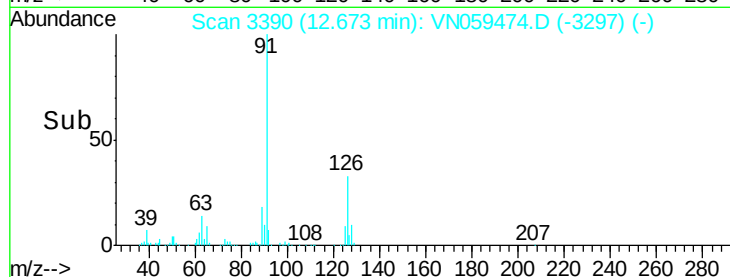
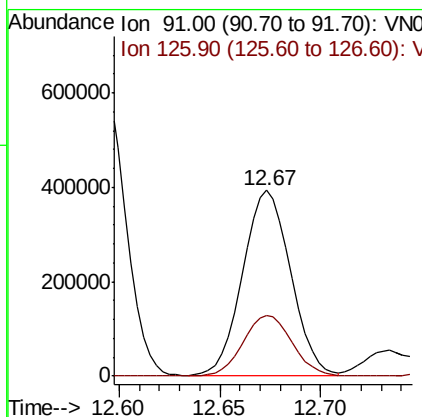
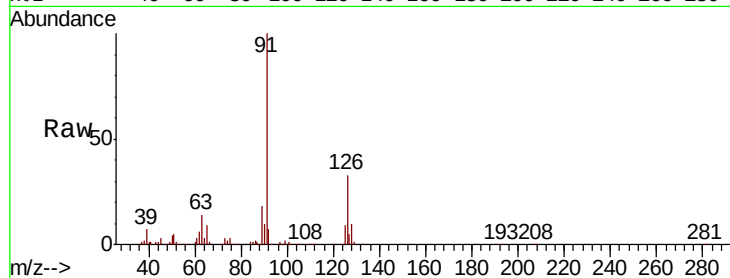
#79
 2-Chlorotoluene
 Concen: 47.807 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120319

Tot Ion: 91 Resp: 653437
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.6 49.8

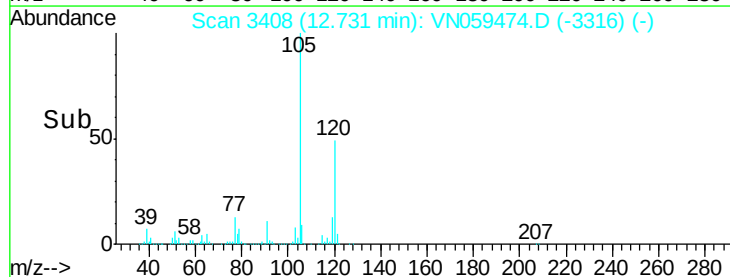
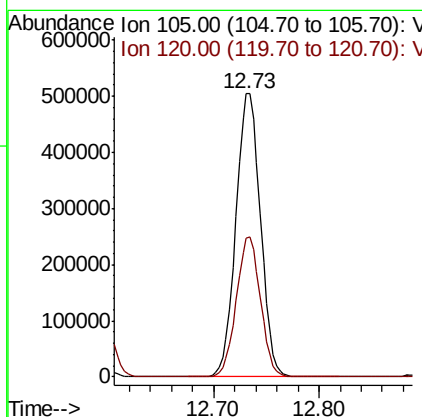
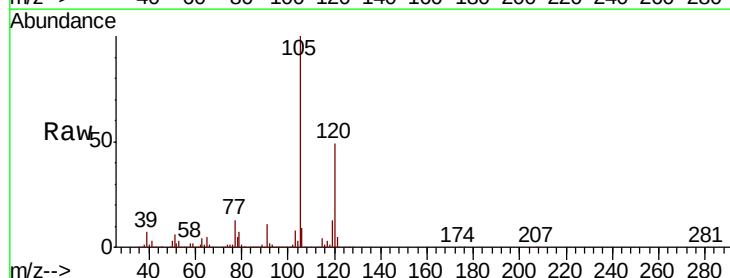
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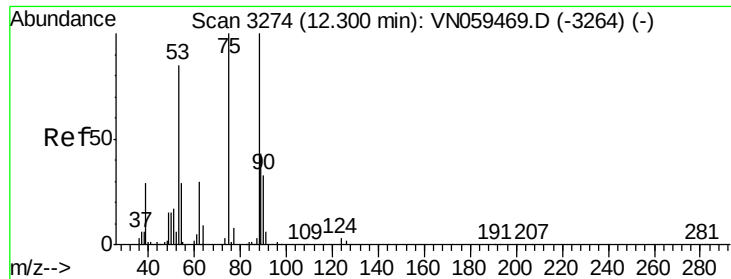
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.839 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Tgt Ion: 105 Resp: 811506
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 73.0





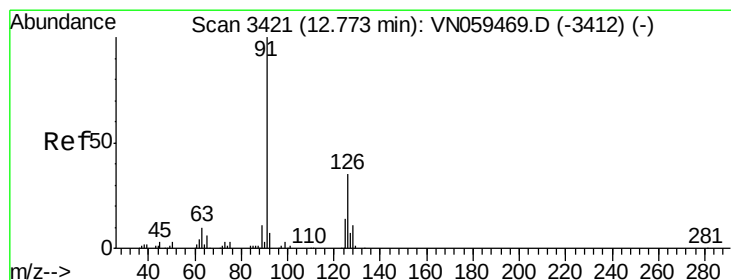
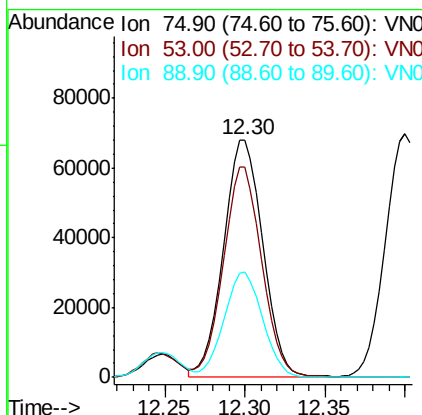
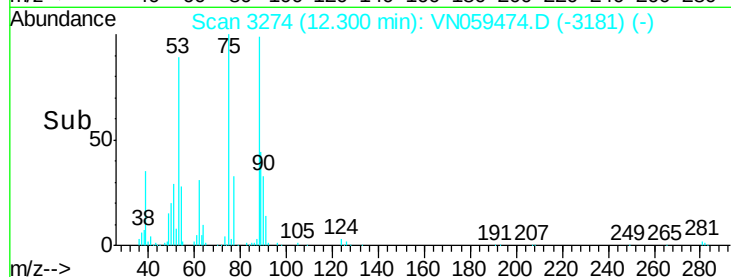
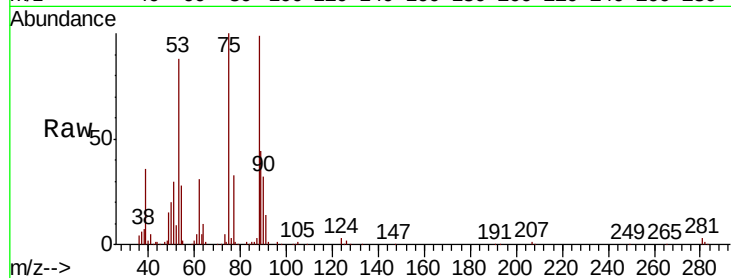
#81
trans-1,4-Dichloro-2-butene
Concen: 49.059 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120319

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.6	69.8	104.6
89	43.8	35.2	52.8

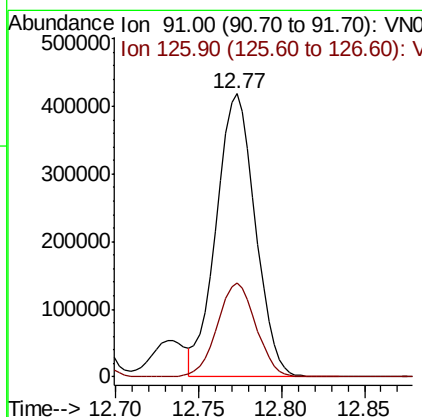
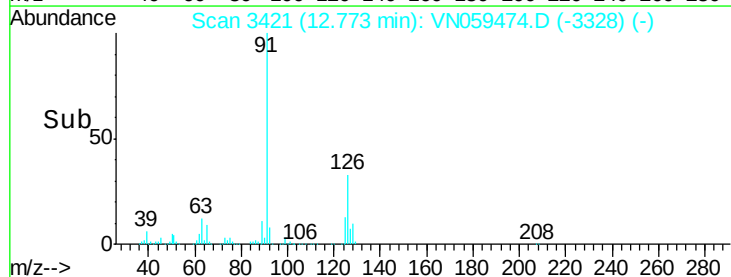
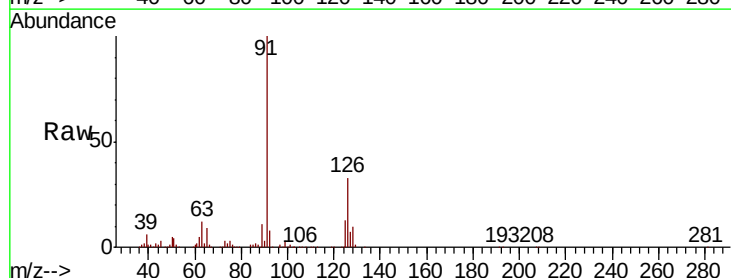
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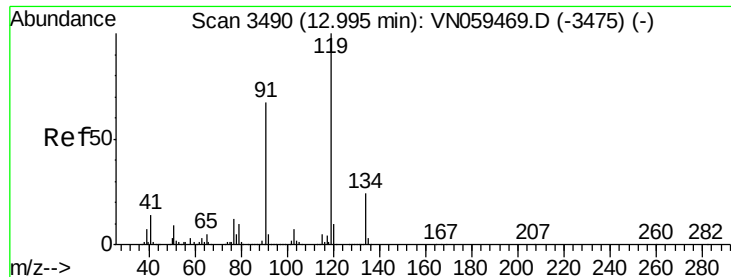
apatel
12/4/2019 9:22:22 AM



#82
4-Chlorotoluene
Concen: 48.372 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.2





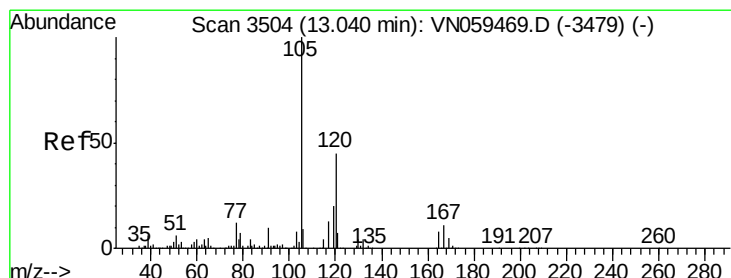
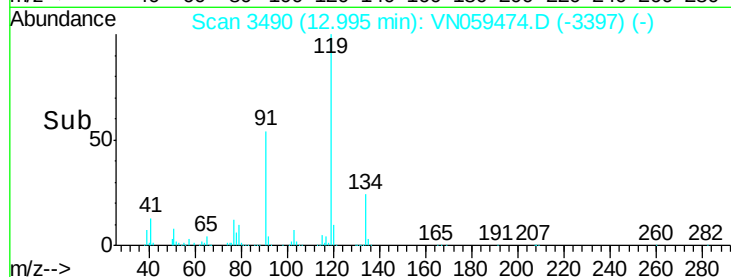
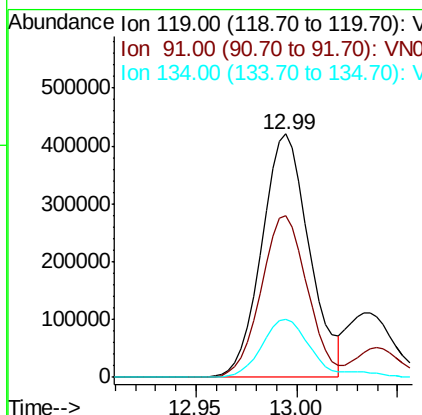
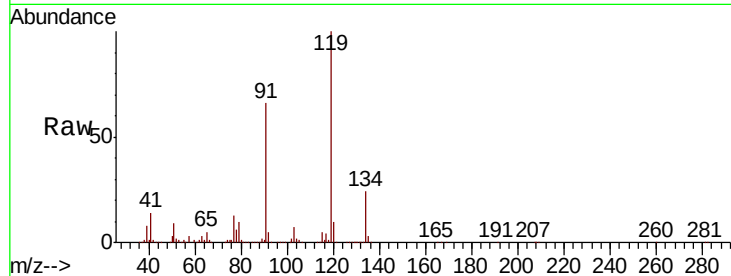
#83
 tert-Butylbenzene
 Concen: 48.775 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120319

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	32.6	97.7
134	25.3	12.6	37.6

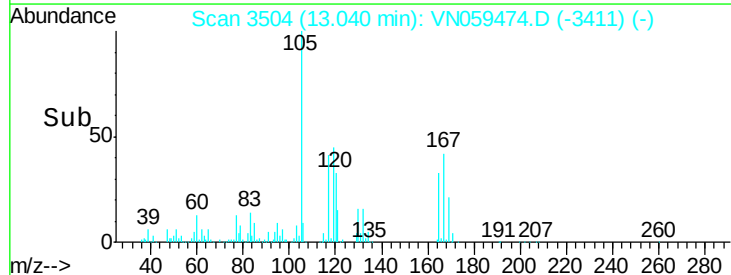
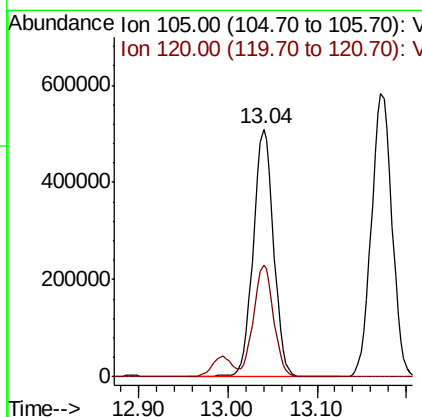
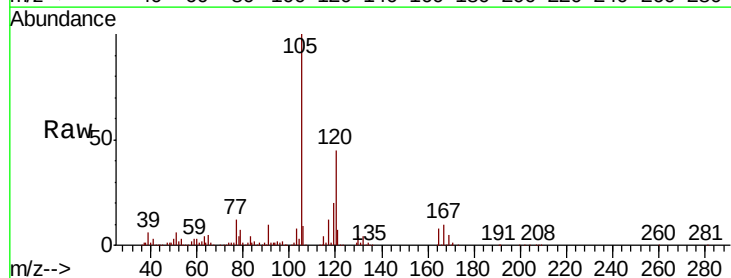
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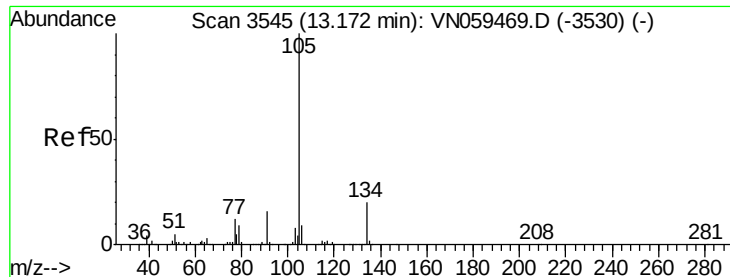
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.064 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.8





#85

sec-Butylbenzene

Concen: 49.593 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

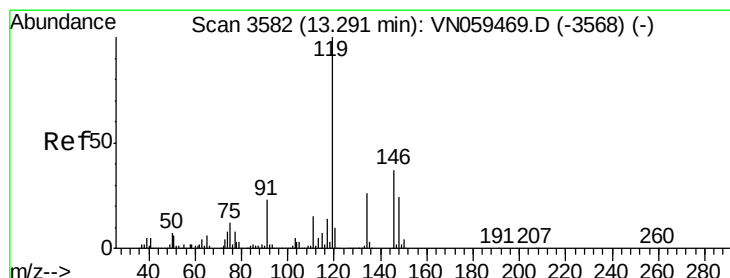
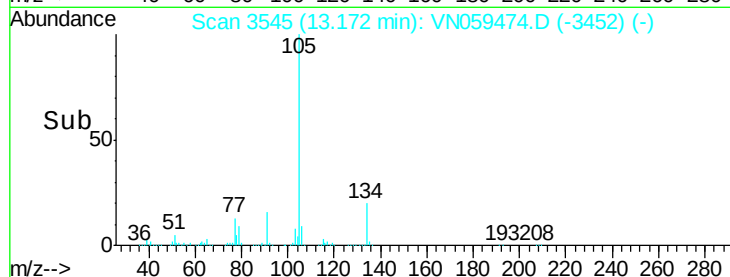
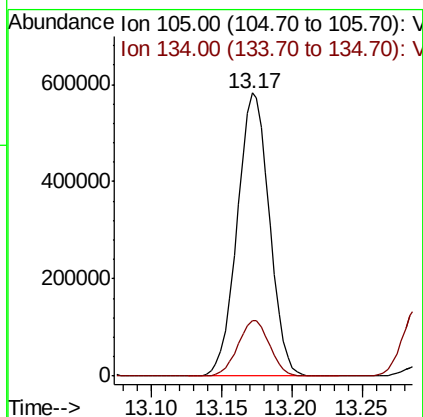
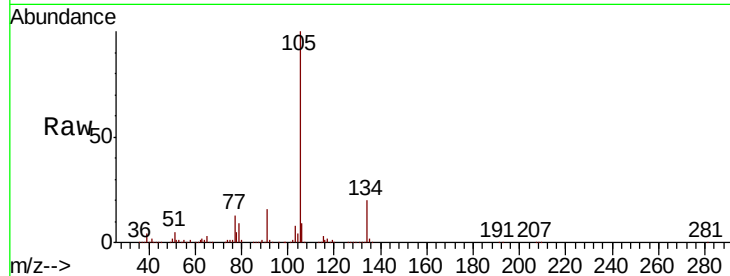
ClientSampleId :

ICVFN120319

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 50.346 ug/l

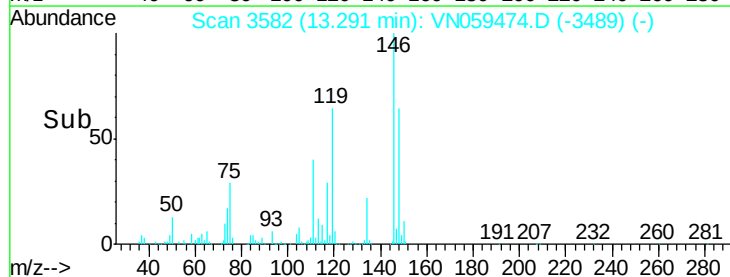
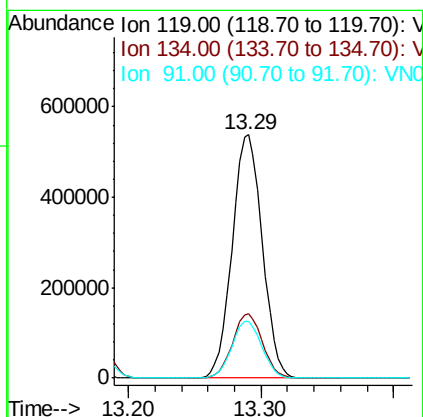
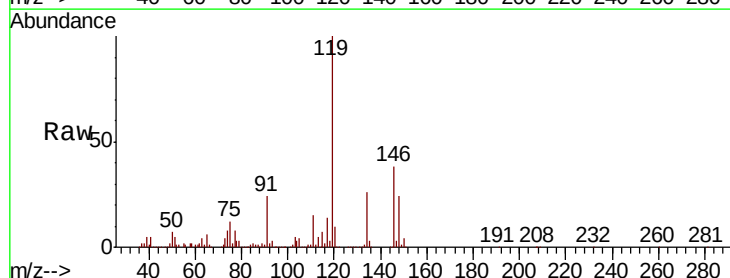
RT: 13.29 min Scan# 3582

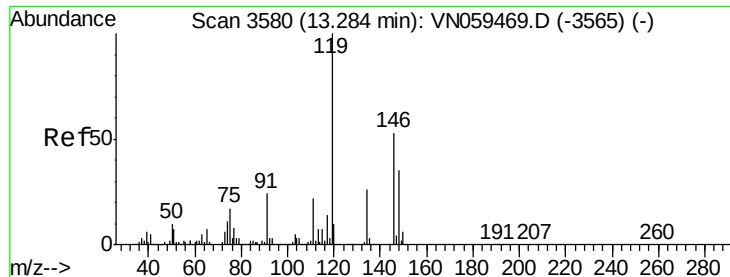
Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	23.3	11.7	35.1





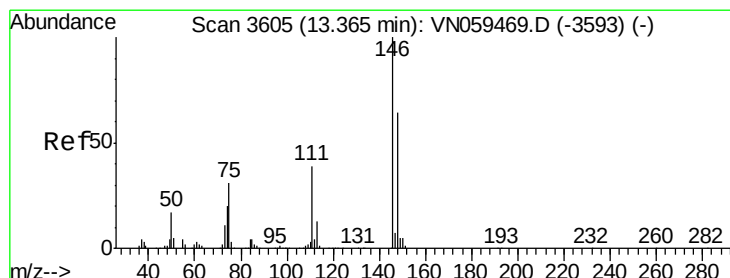
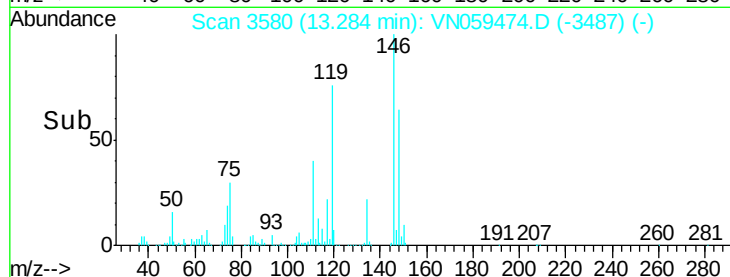
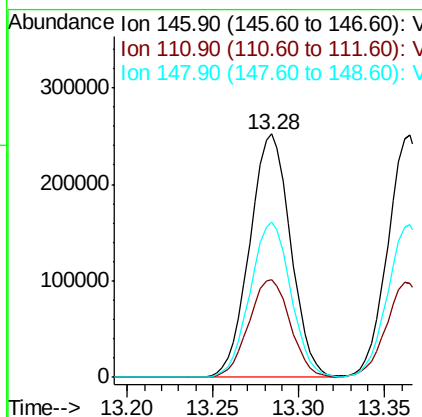
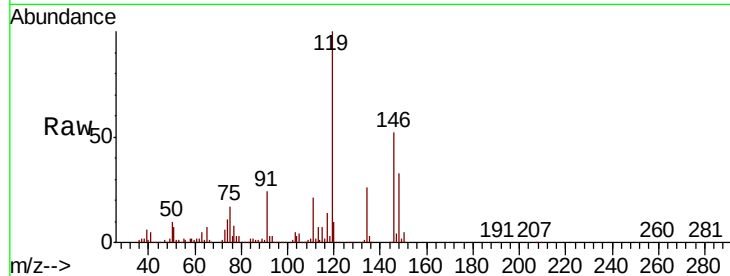
#87
 1,3-Dichlorobenzene
 Concen: 48.499 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120319

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.4	61.3
148	63.5	32.1	96.5

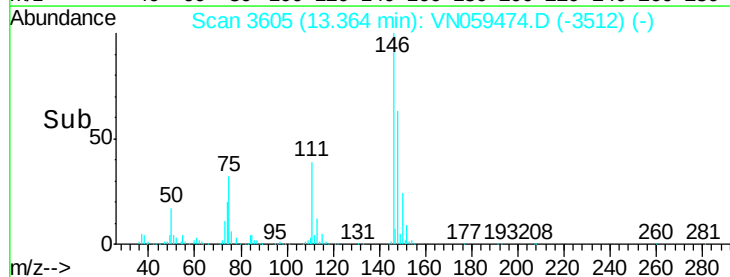
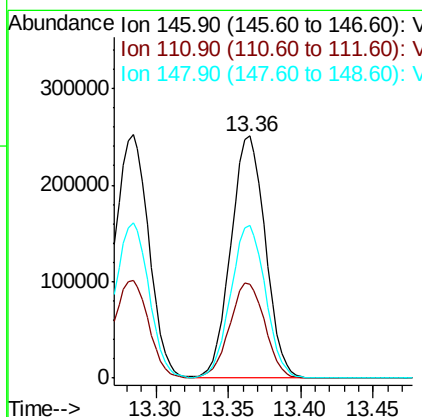
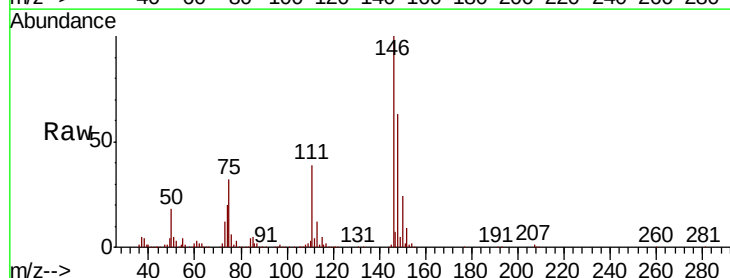
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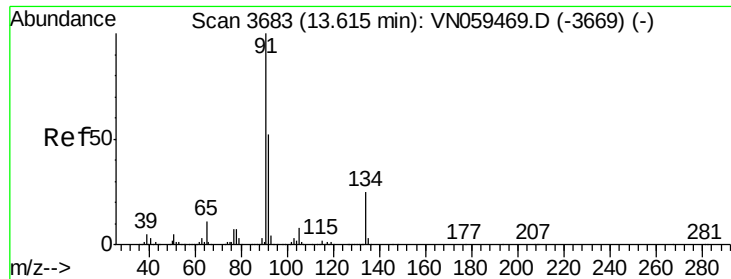
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 47.801 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.8	59.3
148	63.6	32.0	96.0





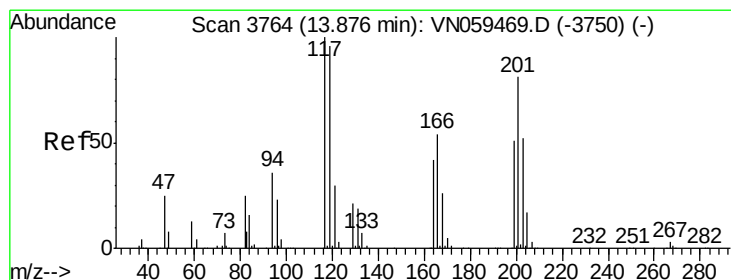
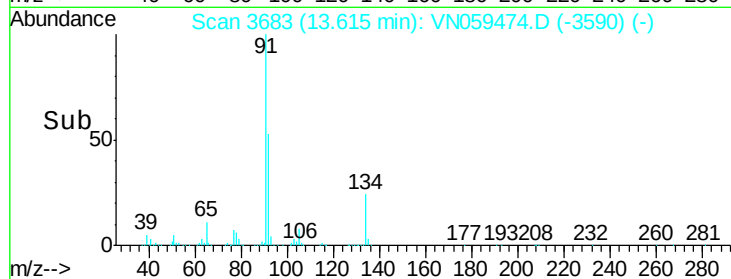
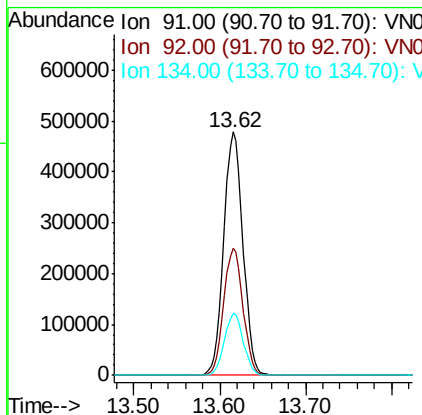
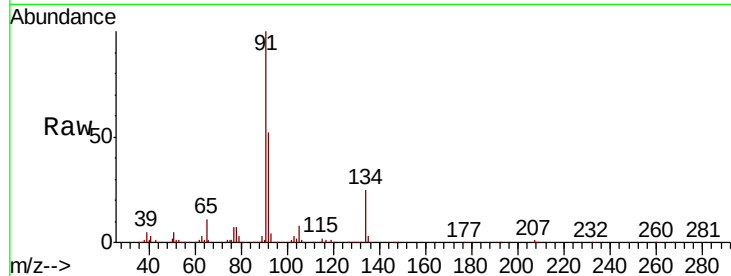
#89
n-Butylbenzene
Concen: 49.343 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120319

Tot Ion	Ion	Ratio	Lower	Upper
91	91	100		
92	92	52.4	25.9	77.8
134	134	25.2	12.6	37.6

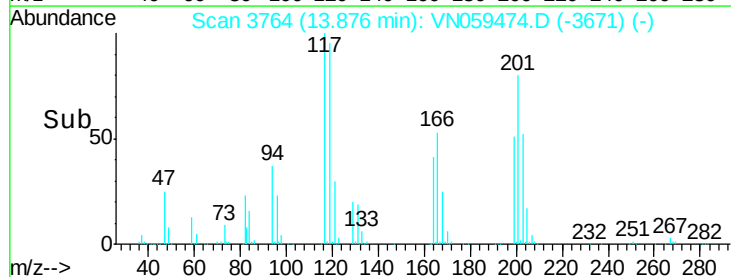
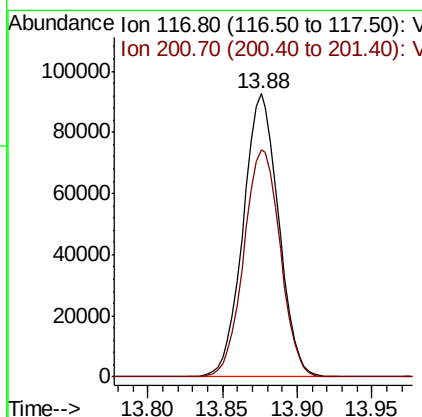
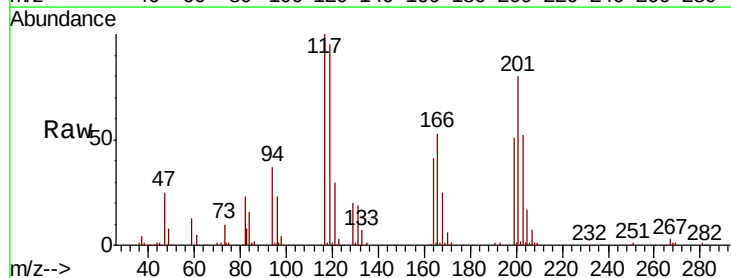
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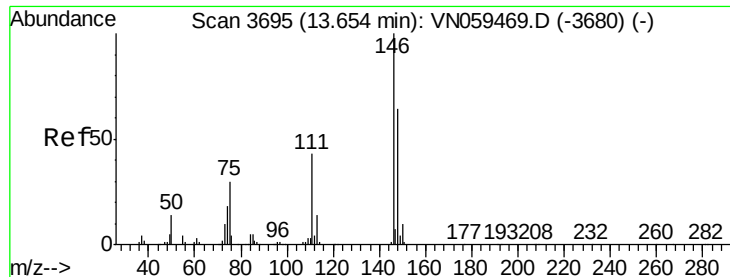
apatel
12/4/2019 9:22:22 AM



#90
Hexachloroethane
Concen: 47.186 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion	Ion	Ratio	Lower	Upper
117	117	100		
201	201	82.4	40.6	122.0





#91

1,2-Dichlorobenzene

Concen: 48.553 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Instrument :

MSVOA_N

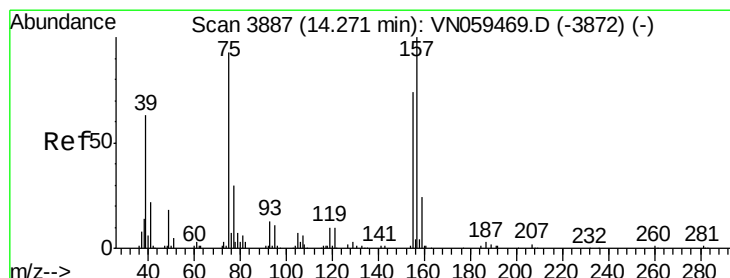
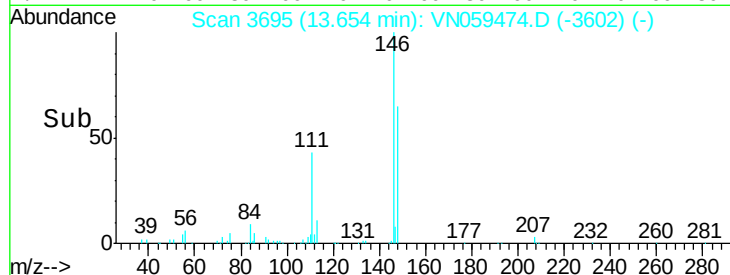
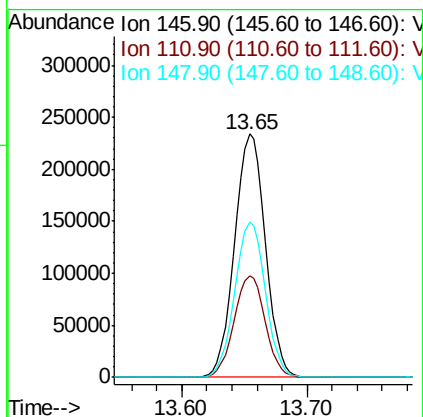
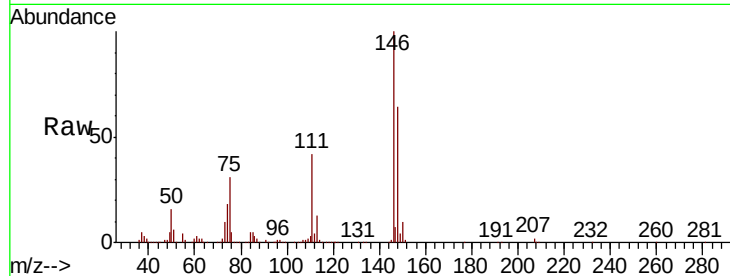
ClientSampleId :

ICVVN120319

Tot Ion:	146	Resp:	399570
Ion Ratio		Lower	Upper
146	100		
111	42.1	21.3	63.7
148	63.7	32.2	96.6

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.258 ug/l

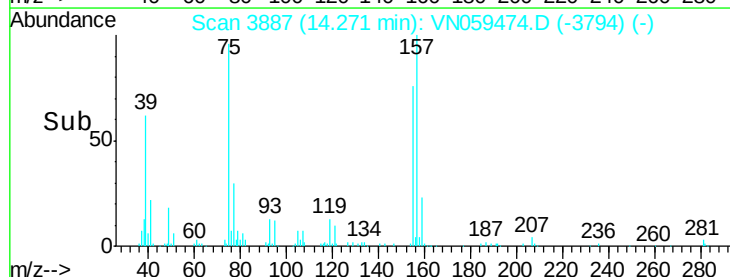
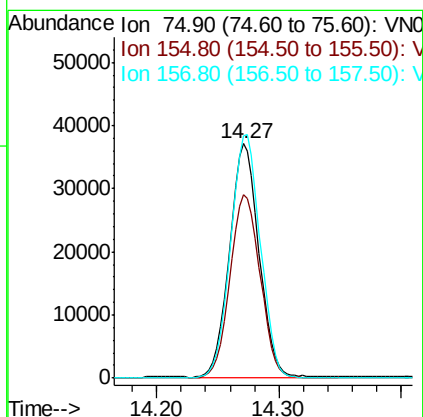
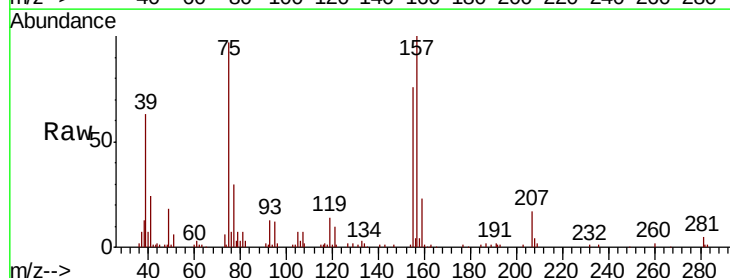
RT: 14.27 min Scan# 3887

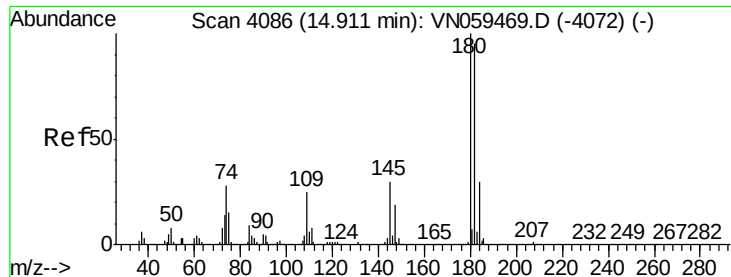
Delta R.T. 0.00 min

Lab File: VN059474.D

Acq: 3 Dec 2019 17:31

Tgt Ion:	75	Resp:	62205
Ion Ratio		Lower	Upper
75	100		
155	80.4	40.6	122.0
157	105.2	52.9	158.7





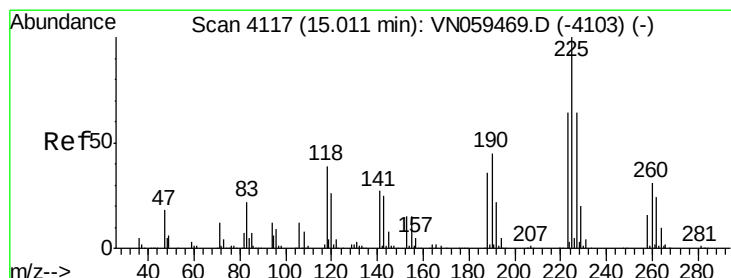
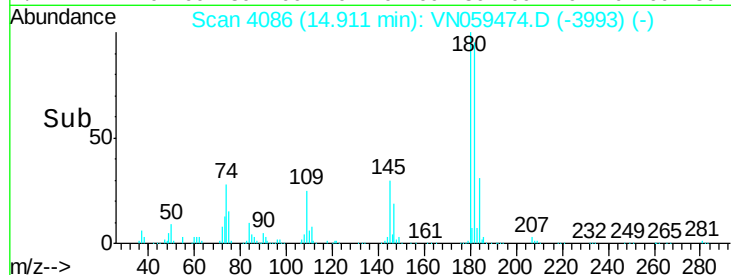
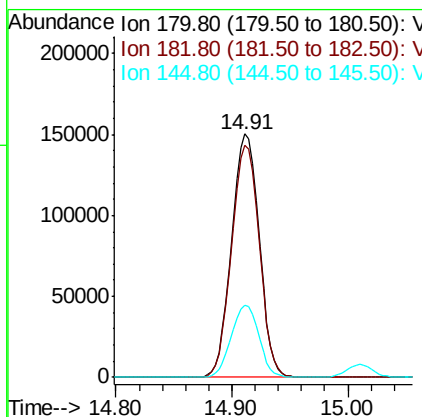
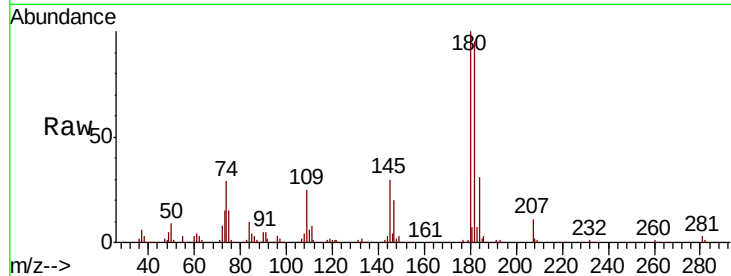
#93
 1,2,4-Trichlorobenzene
 Concen: 49.292 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120319

Tot Ion	Ratio	Resp	Lower	Upper
180	100	247640		
182	95.7	48.0	144.2	
145	29.7	15.2	45.6	

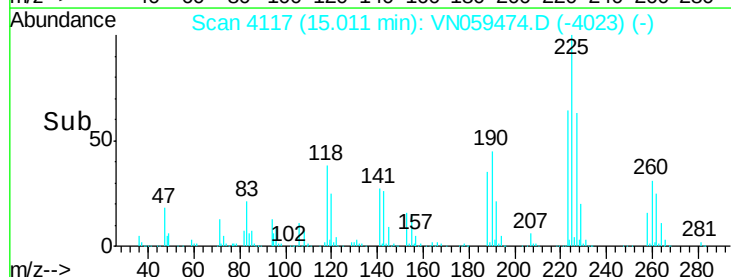
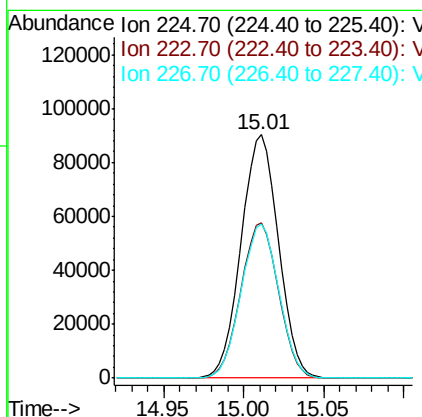
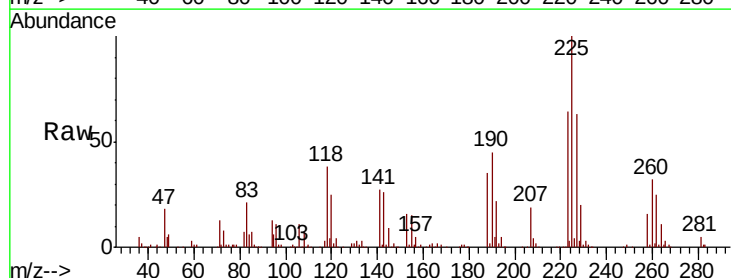
Manual Integrations
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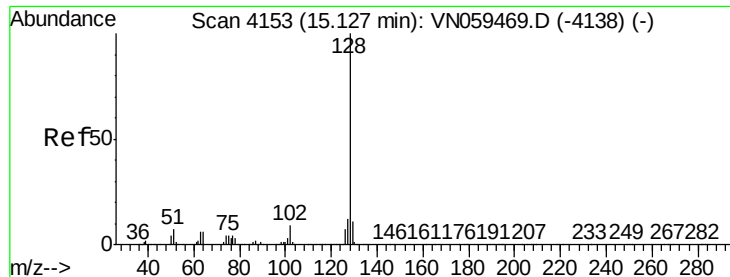
apatel
 12/4/2019 9:22:22 AM



#94
 Hexachlorobutadiene
 Concen: 50.837 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059474.D
 Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144403		
223	64.3	31.9	95.5	
227	63.9	32.0	96.2	





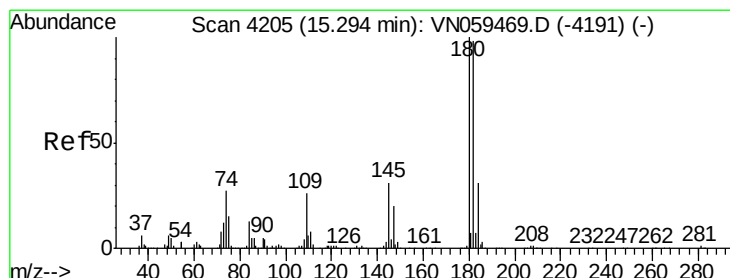
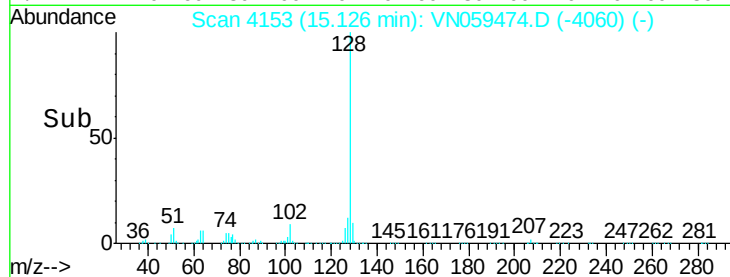
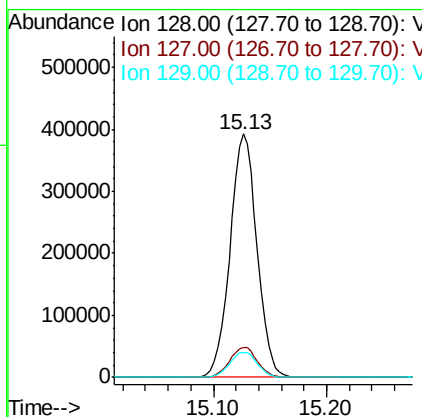
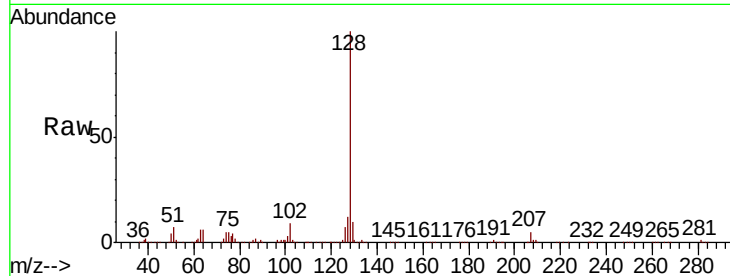
#95
Naphthalene
Concen: 46.925 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120319

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.6	8.8	13.2

Manual Integrations
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apatel
12/4/2019 9:22:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.176 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059474.D
Acq: 3 Dec 2019 17:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.5	145.5
145	31.4	16.1	48.2

