

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059426.D
 Acq On : 27 Nov 2019 16:07
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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 12/2/2019 10:09:04 AM

Quant Time: Nov 27 16:53:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:27:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	332893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	515891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	464423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	220870	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	193248	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.57	113	159280	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.08	98	637886	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.40	95	226570	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	204721	52.250	ug/l	100
3) Chloromethane	2.04	50	241438	50.447	ug/l	100
4) Vinyl Chloride	2.17	62	231910	50.425	ug/l	100
5) Bromomethane	2.54	94	135764	49.029	ug/l	100
6) Chloroethane	2.68	64	129844	50.354	ug/l	100
7) Trichlorofluoromethane	3.00	101	270341	49.350	ug/l	100
8) Diethyl Ether	3.39	74	110188	49.424	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	169595	50.268	ug/l	100
10) Methyl Iodide	3.93	142	225954	51.454	ug/l	100
11) Tert butyl alcohol	4.75	59	167246	247.578	ug/l	100
12) 1,1-Dichloroethene	3.71	96	167345	50.648	ug/l	100
13) Acrolein	3.58	56	177489	269.154	ug/l	100
14) Allyl chloride	4.29	41	309190	50.456	ug/l	100
15) Acrylonitrile	4.95	53	471141	250.291	ug/l	100
16) Acetone	3.79	43	493454	265.624	ug/l	100
17) Carbon Disulfide	4.03	76	538430	47.487	ug/l	100
18) Methyl Acetate	4.29	43	235998	46.650	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	541301	50.840	ug/l	100
20) Methylene Chloride	4.52	84	184849	48.970	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	181073	50.300	ug/l	100
22) Diisopropyl ether	5.92	45	586313	51.487	ug/l	100
23) Vinyl Acetate	5.86	43	2400103	261.247	ug/l	100
24) 1,1-Dichloroethane	5.82	63	332129	50.691	ug/l	100
25) 2-Butanone	6.81	43	650113	254.383	ug/l	100
26) 2,2-Dichloropropane	6.80	77	281116	50.416	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	200069	50.816	ug/l	100
28) Bromochloromethane	7.17	49	141203	62.372	ug/l	100
29) Tetrahydrofuran	7.18	42	416515	245.051	ug/l	100
30) Chloroform	7.35	83	314174	47.651	ug/l	100
31) Cyclohexane	7.63	56	316058	48.119	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	273704	50.763	ug/l	100
36) 1,1-Dichloropropene	7.77	75	253003	50.998	ug/l	100
37) Ethyl Acetate	6.90	43	254252	48.440	ug/l	100
38) Carbon Tetrachloride	7.75	117	239864	51.232	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	311546	52.491	ug/l	100
40) Benzene	8.02	78	747156	50.723	ug/l	100
41) Methacrylonitrile	7.16	41	133766m	53.976	ug/l	
42) 1,2-Dichloroethane	8.10	62	239154	51.202	ug/l	100
43) Isopropyl Acetate	8.14	43	403862	50.648	ug/l	100
44) Trichloroethene	8.82	130	192885	51.355	ug/l	100
45) 1,2-Dichloropropane	9.10	63	198636	51.555	ug/l	100
46) Dibromomethane	9.19	93	121749	51.205	ug/l	100
47) Bromodichloromethane	9.39	83	245506	51.051	ug/l	100
48) Methyl methacrylate	9.18	41	178715	50.518	ug/l	100
49) 1,4-Dioxane	9.19	88	61754	1195.220	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	1205566	260.654	ug/l	100
52) Toluene	10.15	92	455331	51.741	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	289046	52.308	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	317863	53.286	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	174701	50.719	ug/l	100
56) Ethyl methacrylate	10.42	69	271848	54.107	ug/l	100
57) 1,3-Dichloropropane	10.70	76	305138	51.255	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	484665	328.397	ug/l	100
59) 2-Hexanone	10.75	43	907028	264.467	ug/l	100
60) Dibromochloromethane	10.90	129	191160	53.166	ug/l	100
61) 1,2-Dibromoethane	11.00	107	181985	51.559	ug/l	100
64) Tetrachloroethene	10.63	164	176731	51.448	ug/l	100
65) Chlorobenzene	11.43	112	475147	50.537	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	174083	51.057	ug/l	100
67) Ethyl Benzene	11.51	91	860955	52.134	ug/l	100
68) m/p-Xylenes	11.62	106	642779	104.249	ug/l	100
69) o-Xylene	11.95	106	309337	52.313	ug/l	100
70) Styrene	11.96	104	502204	54.174	ug/l	100
71) Bromoform	12.13	173	135893	52.343	ug/l #	100
73) Isopropylbenzene	12.25	105	827944	50.600	ug/l	100
74) N-amyl acetate	12.07	43	321934	52.319	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	254776	47.747	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	232939m	45.655	ug/l	
77) Bromobenzene	12.53	156	199379	49.771	ug/l	100
78) n-propylbenzene	12.59	91	969016	51.392	ug/l	100
79) 2-Chlorotoluene	12.68	91	564806	50.103	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	701736	51.020	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	95135	48.922	ug/l	100
82) 4-Chlorotoluene	12.78	91	580572	50.006	ug/l	100
83) tert-Butylbenzene	13.00	119	587250	49.724	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	696378	51.685	ug/l	100
85) sec-Butylbenzene	13.17	105	804179	51.275	ug/l	100
86) p-Isopropyltoluene	13.29	119	727176	51.287	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	355092	50.017	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	351585	49.327	ug/l	100
89) n-Butylbenzene	13.62	91	637114	51.404	ug/l	100
90) Hexachloroethane	13.88	117	131301	48.451	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	344531	49.527	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	49792	41.090	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	207391	47.961	ug/l	100
94) Hexachlorobutadiene	15.01	225	124534	46.993	ug/l	100
95) Naphthalene	15.13	128	515621	42.203	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	203630	44.209	ug/l	100

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

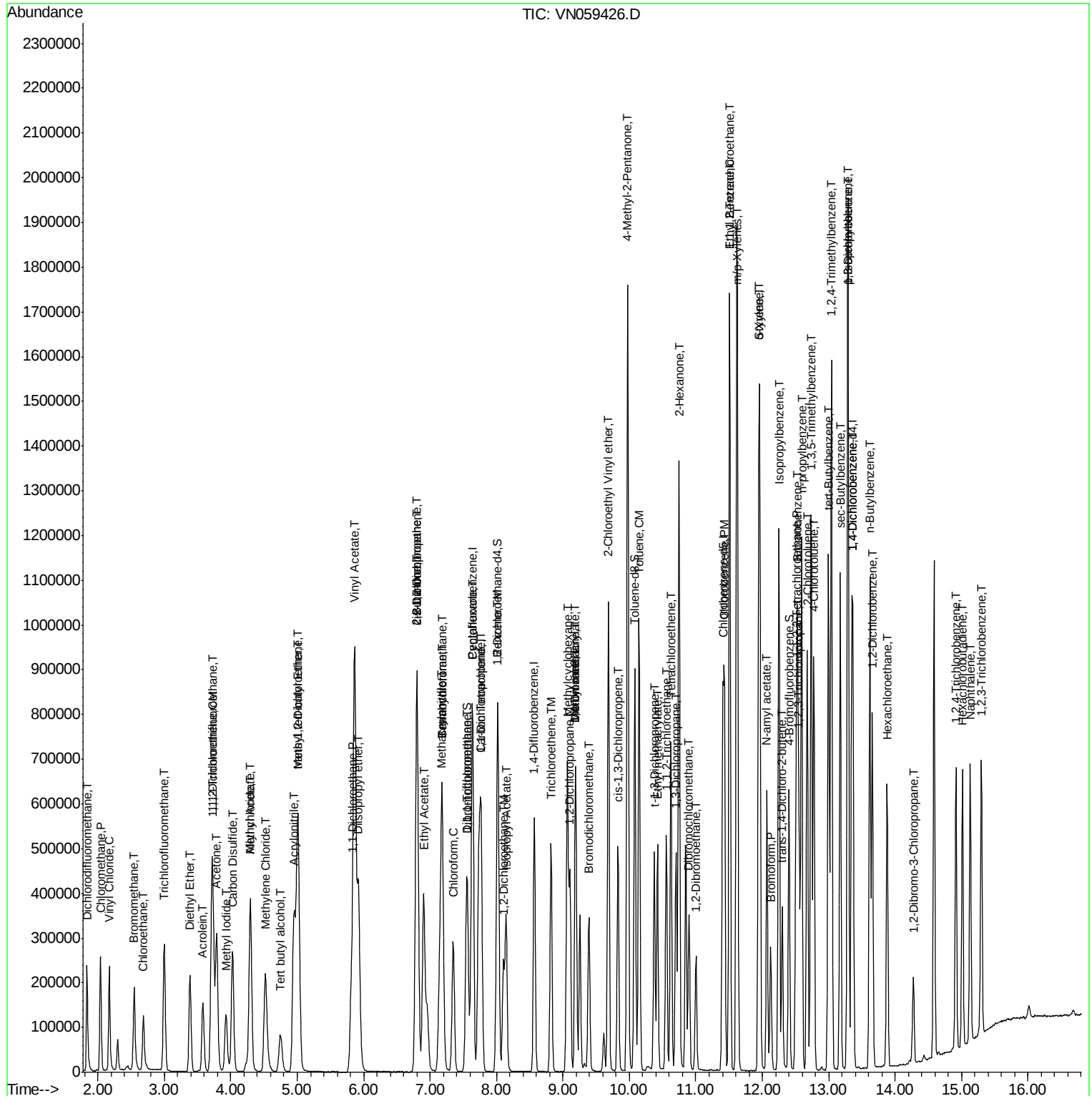
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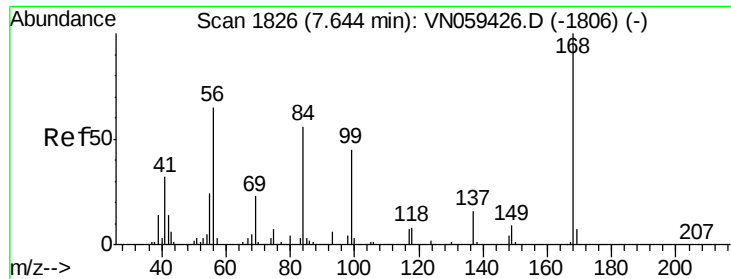
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 332893

Ion Ratio Lower Upper

168 100

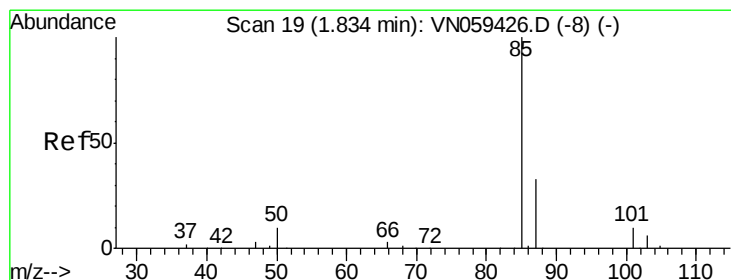
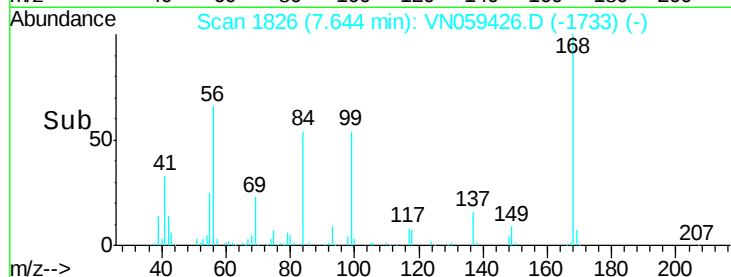
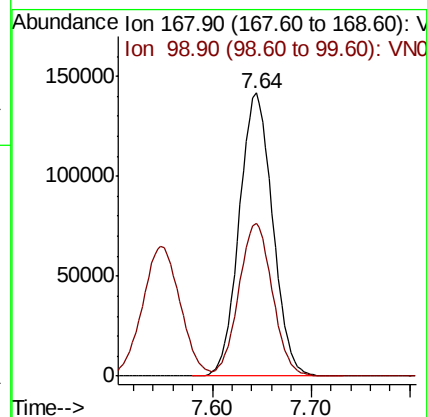
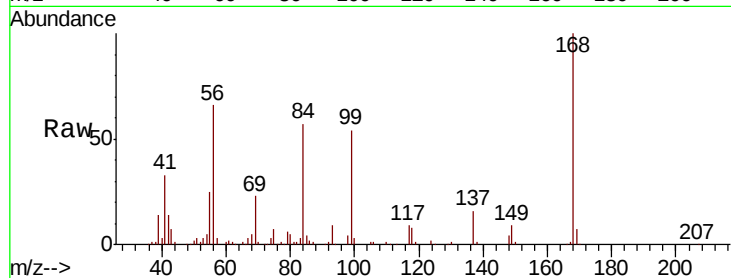
99 53.7 43.0 64.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 52.250 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059426.D

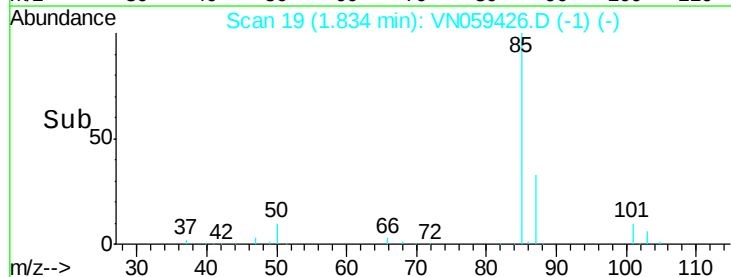
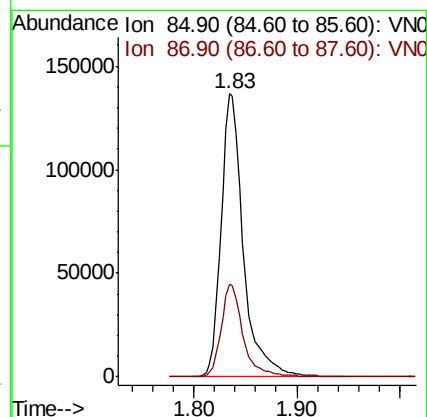
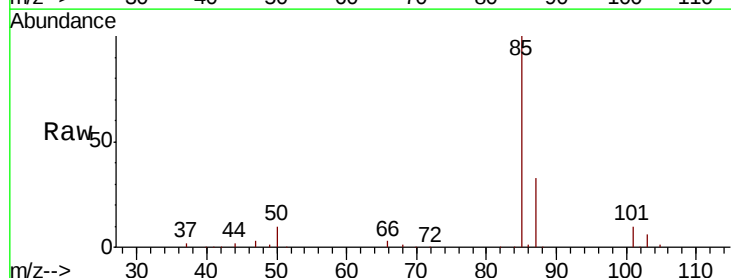
Acq: 27 Nov 2019 16:07

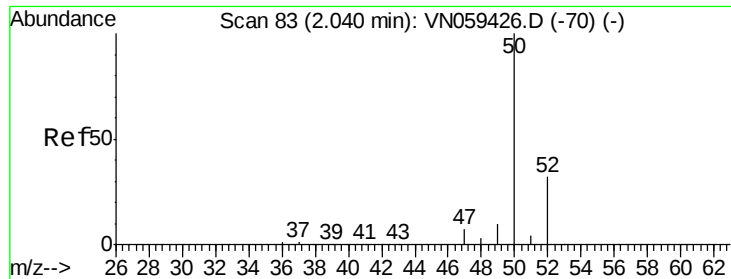
Tgt Ion: 85 Resp: 204721

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2





#3

Chloromethane

Concen: 50.447 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 241438

Ion Ratio Lower Upper

50 100

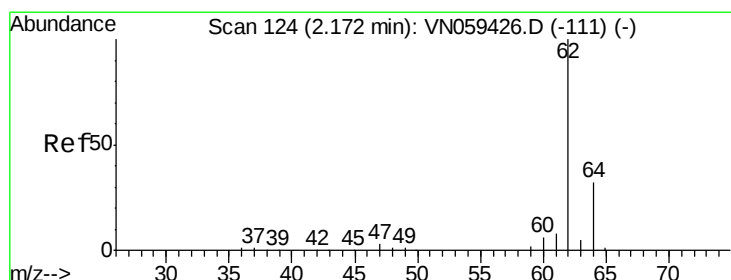
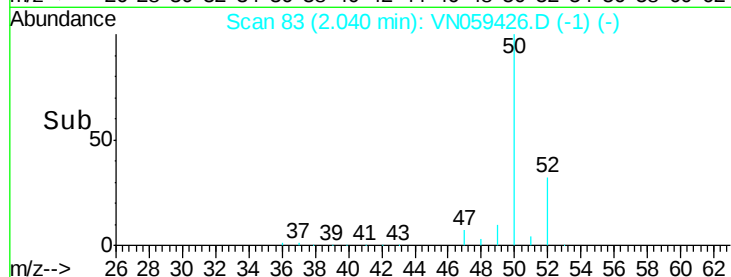
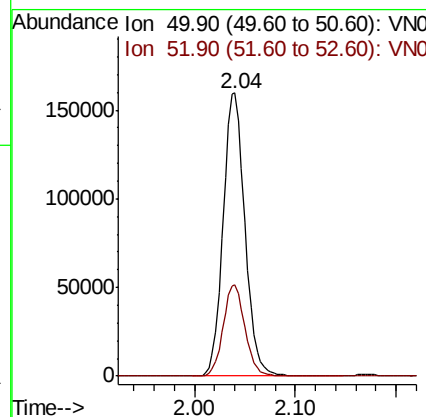
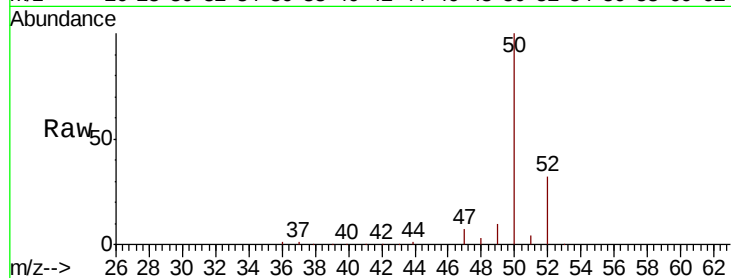
52 32.2 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.425 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN059426.D

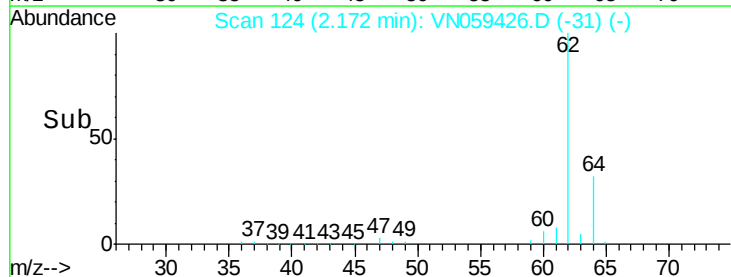
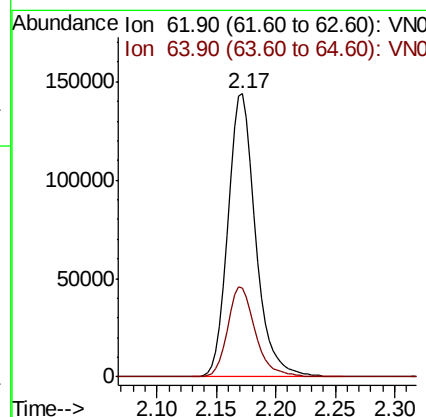
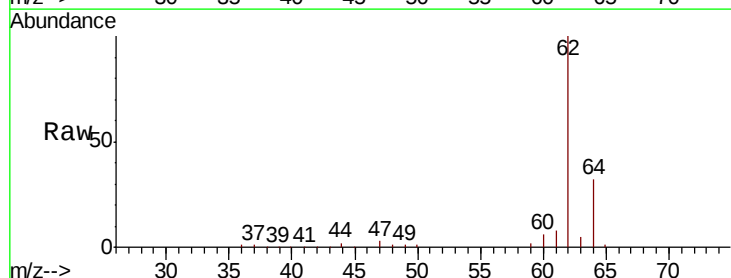
Acq: 27 Nov 2019 16:07

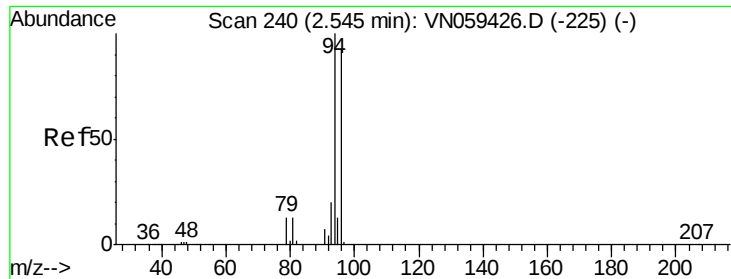
Tgt Ion: 62 Resp: 231910

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 49.029 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 135764

Ion Ratio Lower Upper

94 100

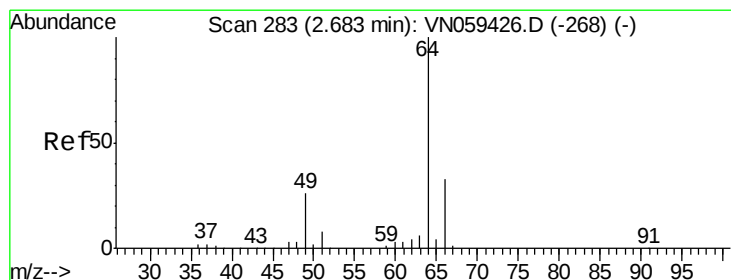
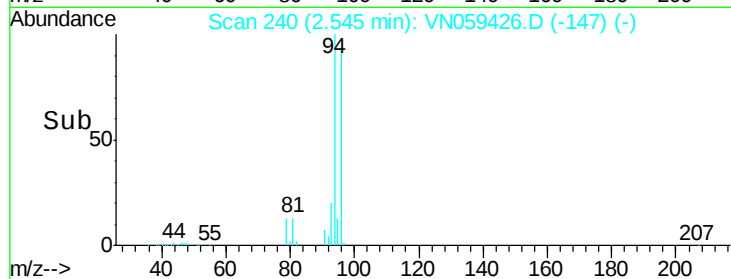
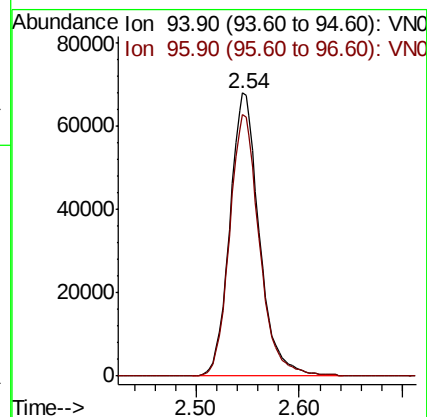
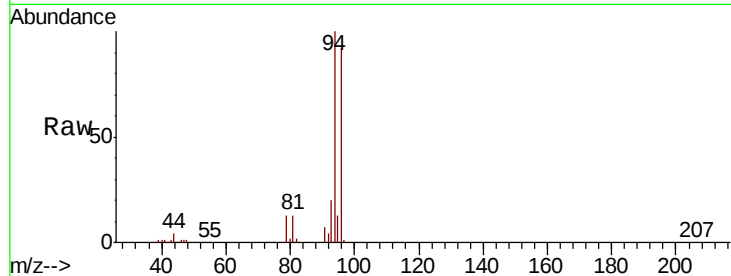
96 92.2 73.8 110.6

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#6

Chloroethane

Concen: 50.354 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059426.D

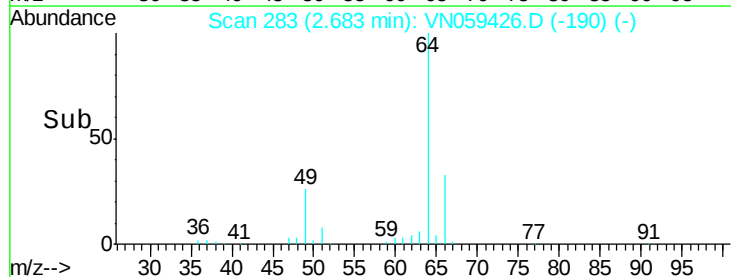
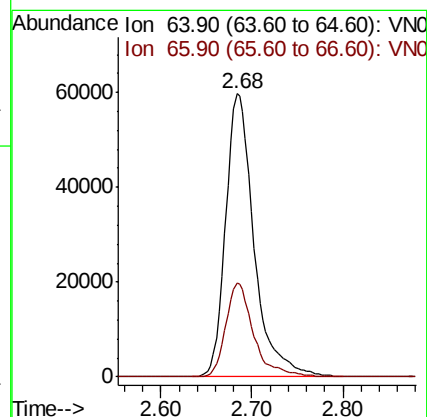
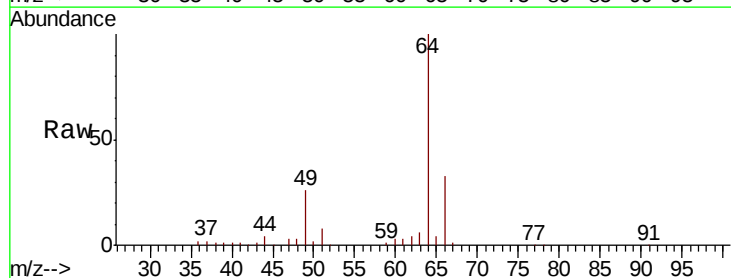
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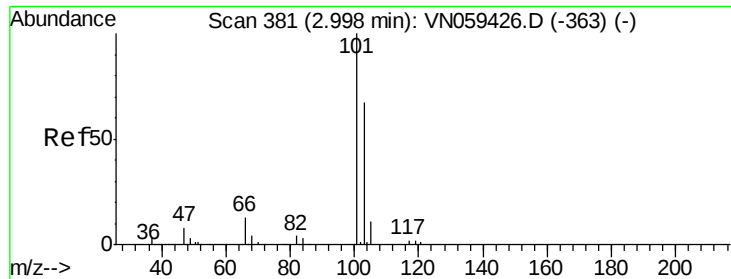
Tgt Ion: 64 Resp: 129844

Ion Ratio Lower Upper

64 100

66 33.1 26.5 39.7





#7

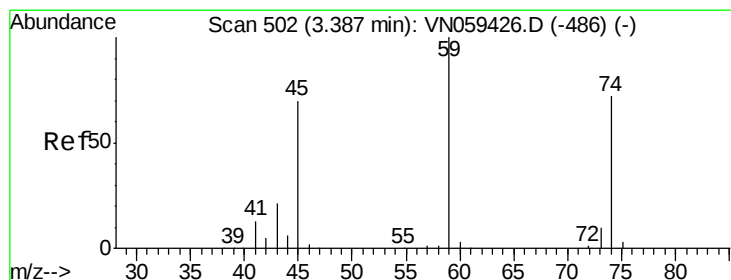
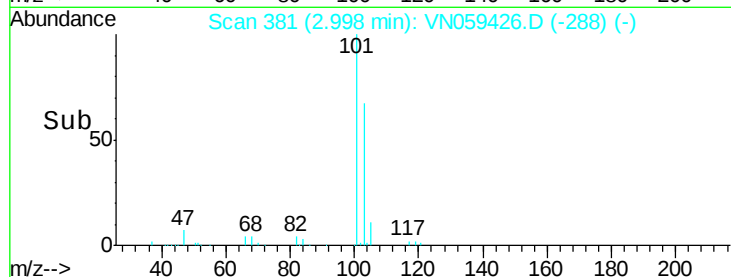
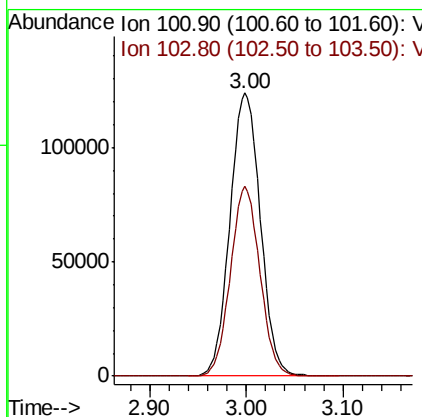
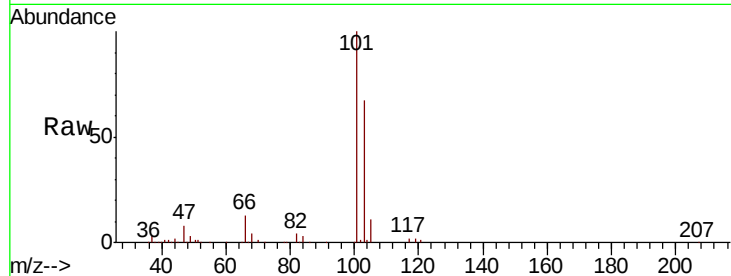
Trichlorofluoromethane
 Concen: 49.350 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059426.D
 Acq: 27 Nov 2019 16:07

Instrument :
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 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	53.6	80.4

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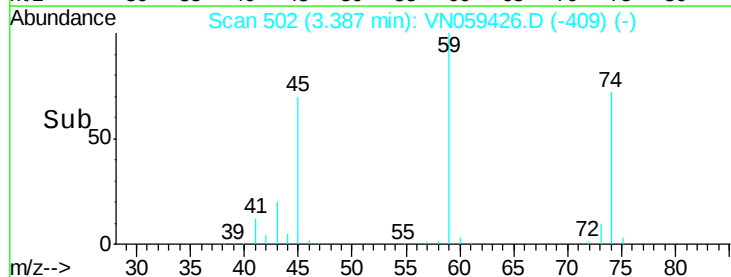
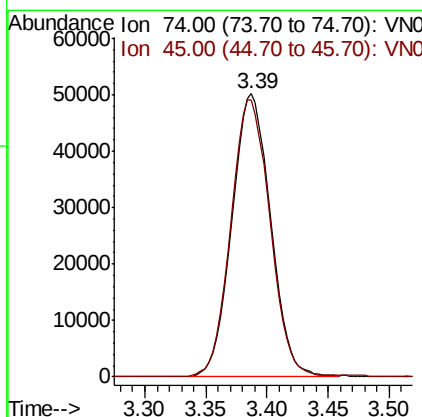
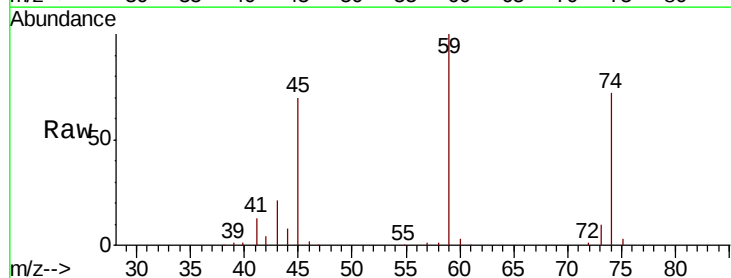
apatel
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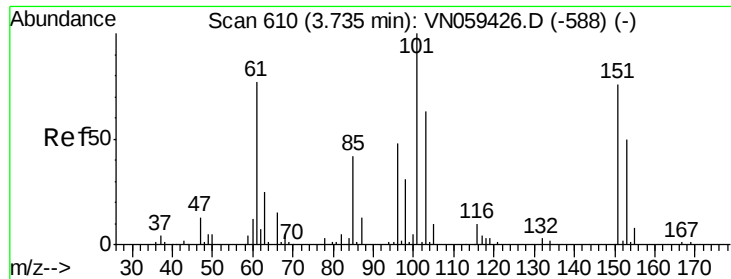


#8

Diethyl Ether
 Concen: 49.424 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN059426.D
 Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.4	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.268 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

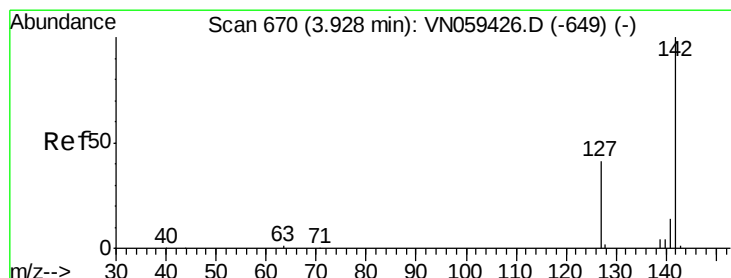
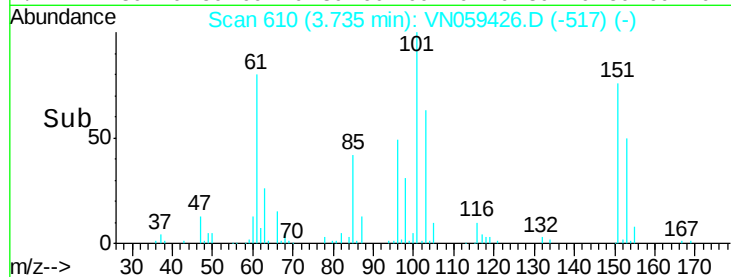
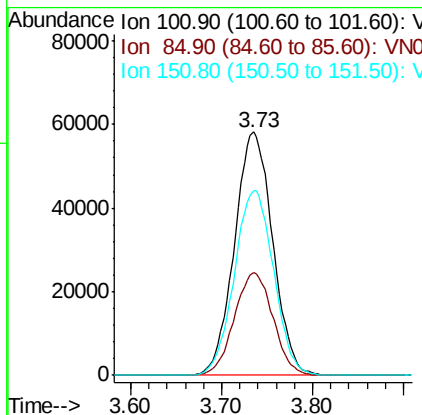
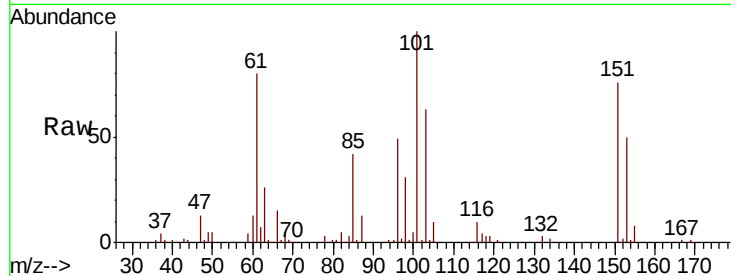
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	169595
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.2	51.2
151	78.2	62.6	93.8

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#10

Methyl Iodide

Concen: 51.454 ug/l

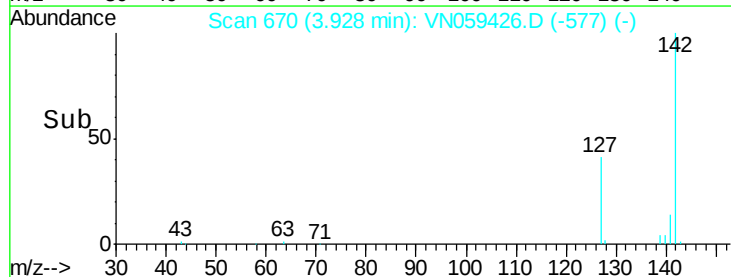
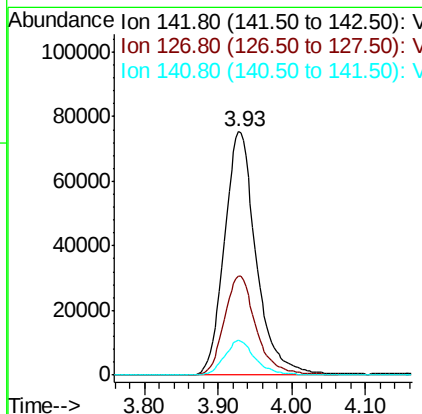
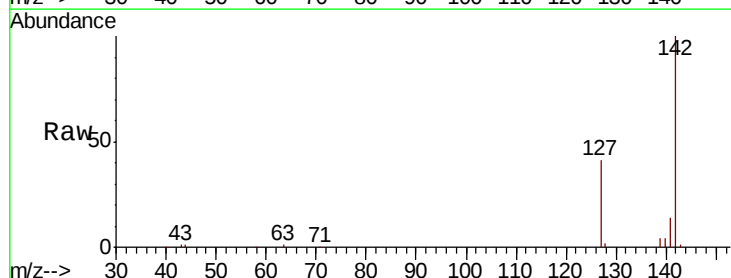
RT: 3.93 min Scan# 670

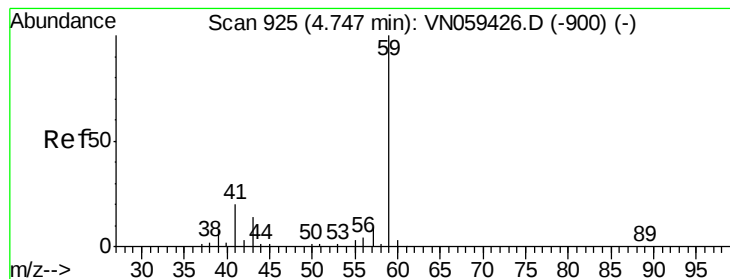
Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Tgt Ion:	142	Resp:	225954
Ion Ratio	Lower	Upper	
142	100		
127	40.7	32.6	48.8
141	13.9	11.1	16.7





#11

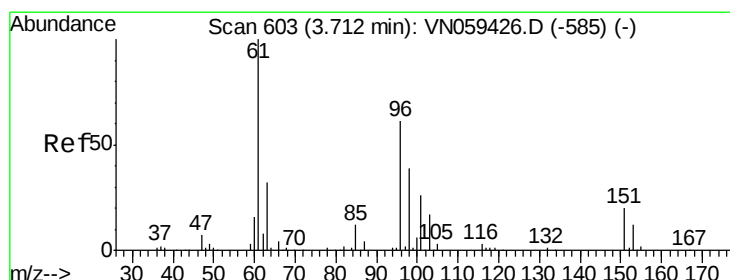
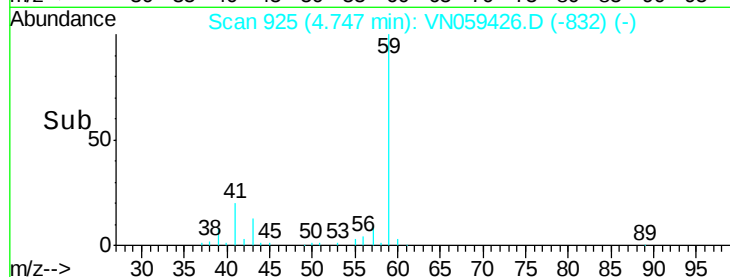
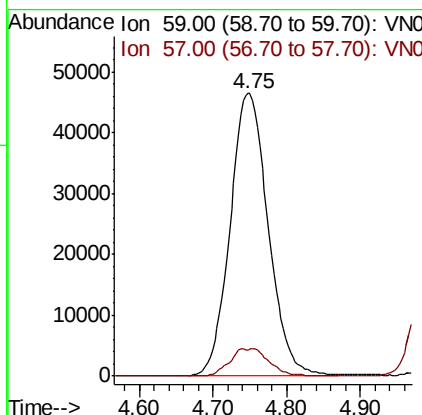
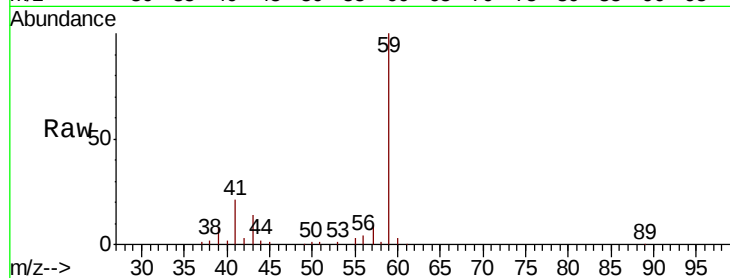
Tert butyl alcohol
Concen: 247.578 ug/l
RT: 4.75 min Scan# 925
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.8	3.8	5.8

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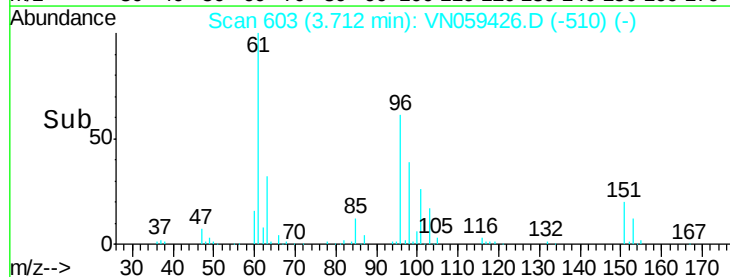
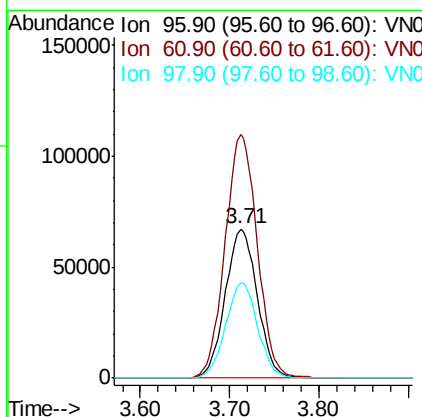
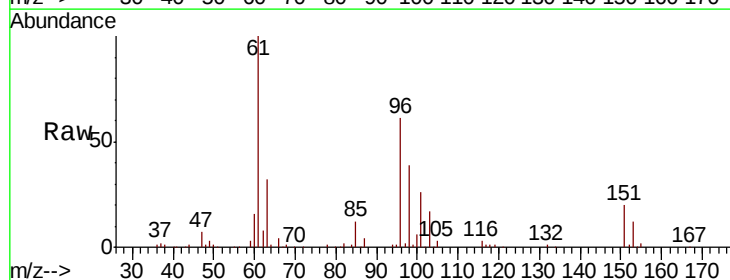
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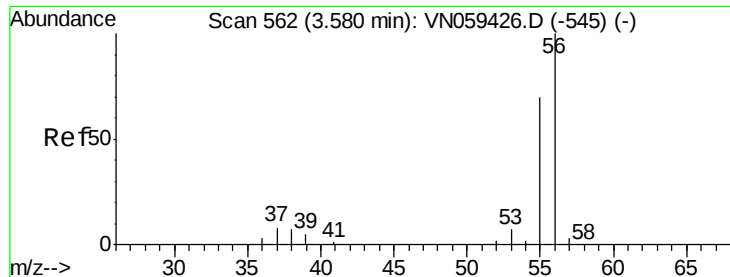


#12

1,1-Dichloroethene
Concen: 50.648 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.1	130.5	195.7
98	64.1	51.3	76.9





#13

Acrolein

Concen: 269.154 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 177489

Ion Ratio Lower Upper

56 100

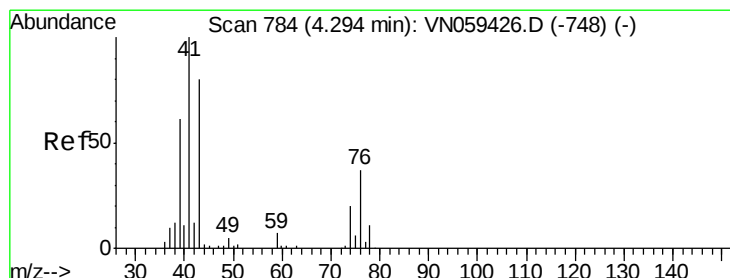
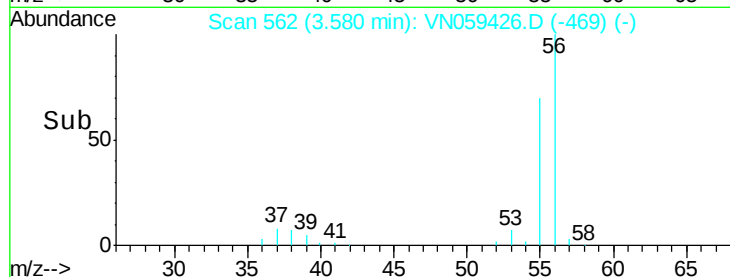
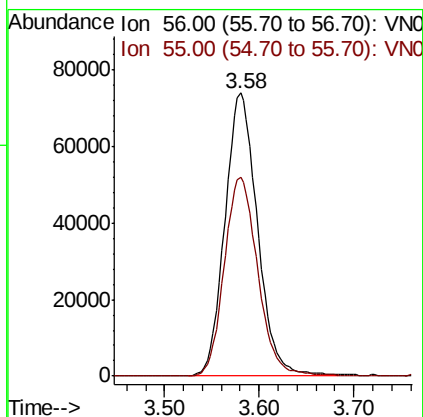
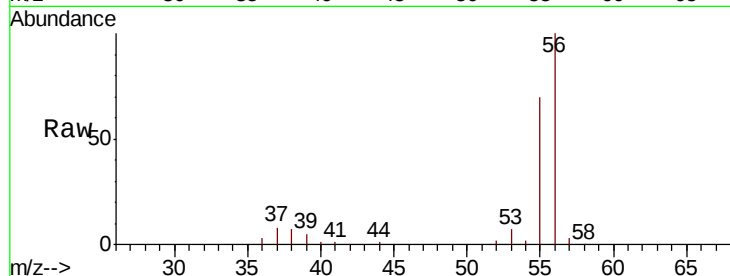
55 72.2 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 50.456 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

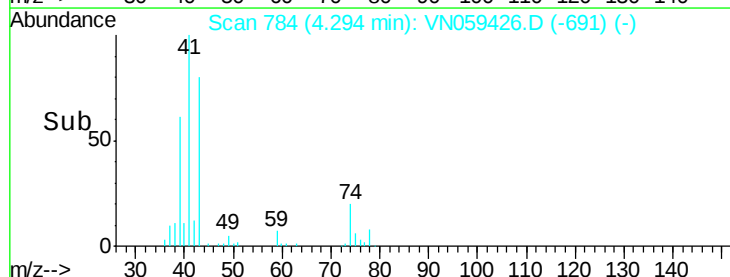
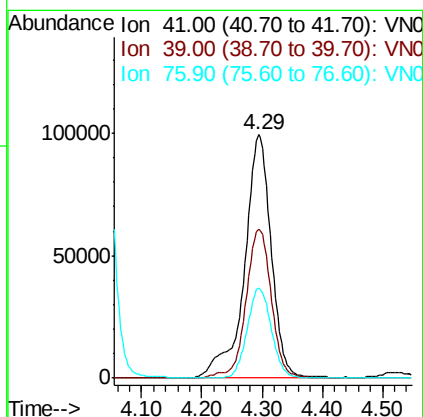
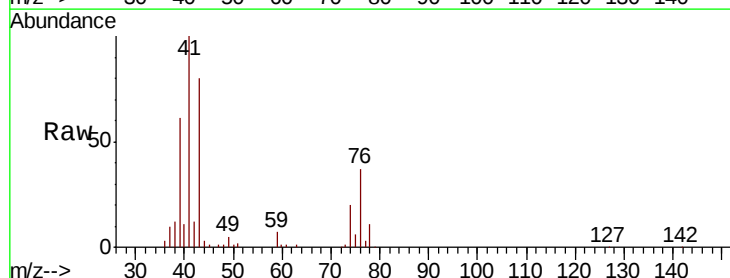
Tgt Ion: 41 Resp: 309190

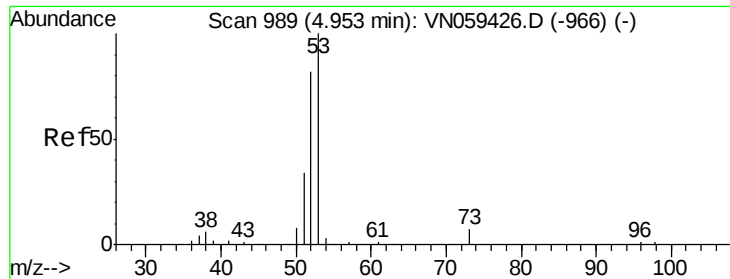
Ion Ratio Lower Upper

41 100

39 58.1 46.5 69.7

76 33.5 26.8 40.2





#15

Acrylonitrile

Concen: 250.291 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

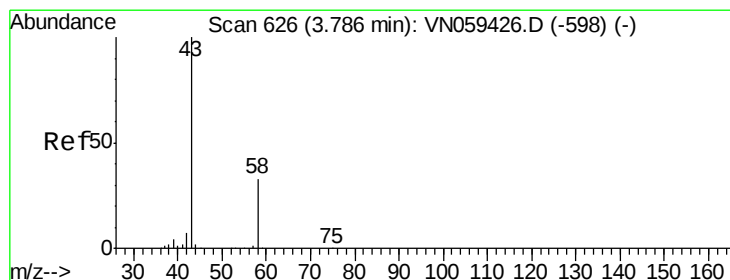
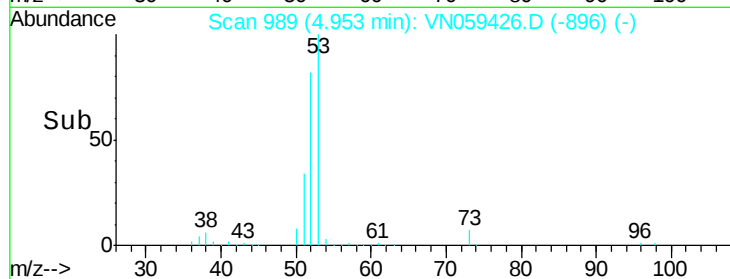
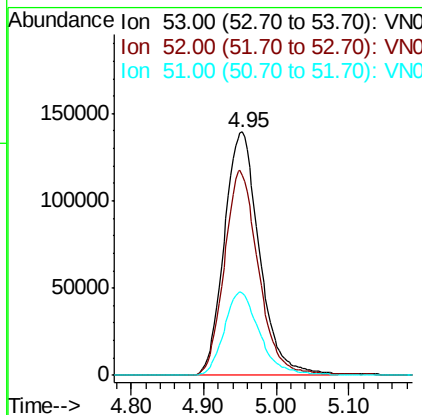
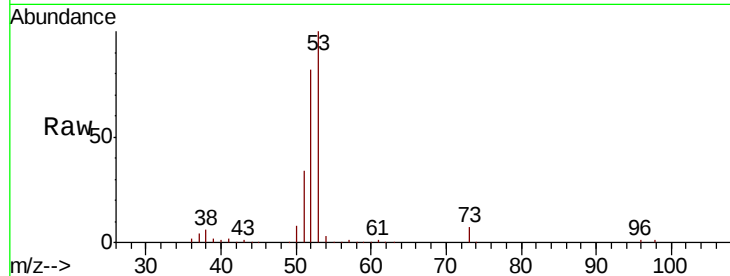
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	471141
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.1	97.7
51	34.8	27.8	41.8

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#16

Acetone

Concen: 265.624 ug/l

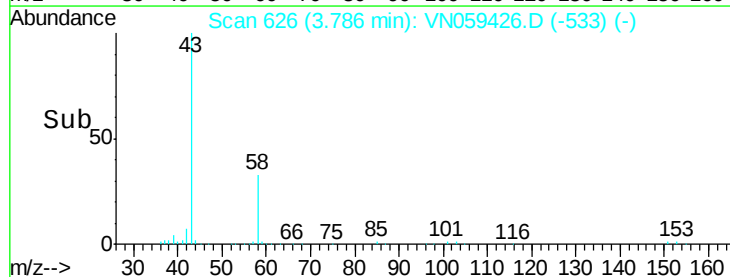
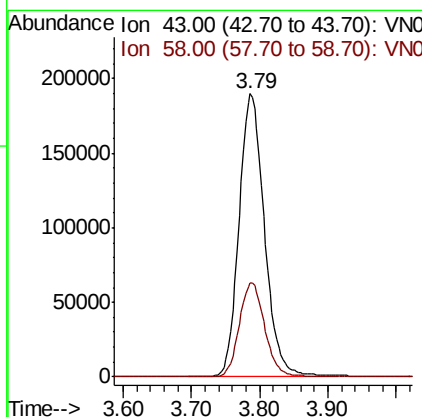
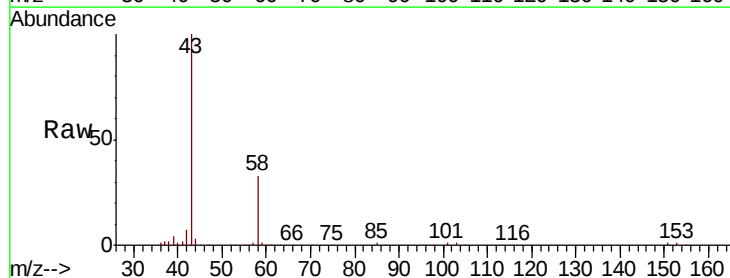
RT: 3.79 min Scan# 626

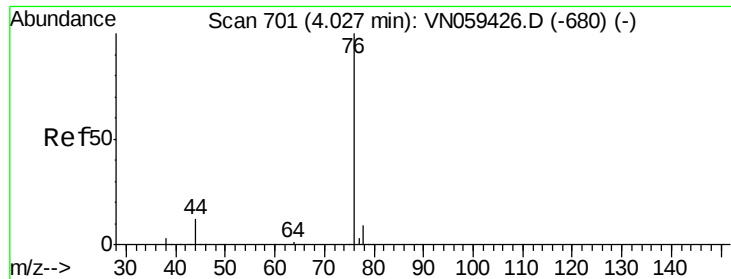
Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Tgt Ion:	43	Resp:	493454
Ion	Ratio	Lower	Upper
43	100		
58	33.2	26.6	39.8





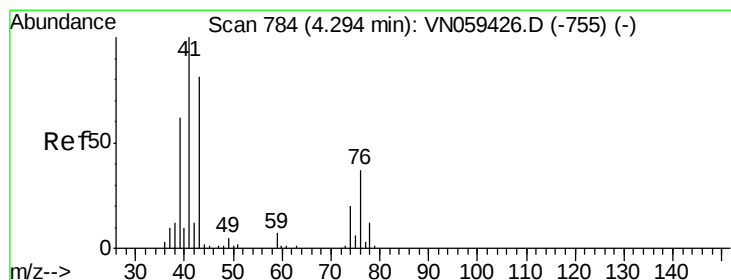
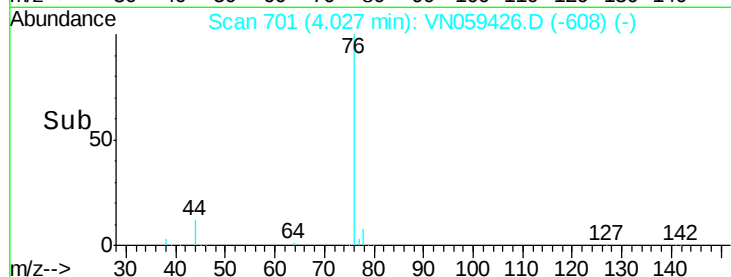
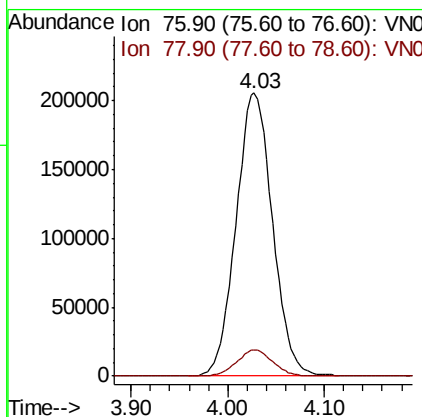
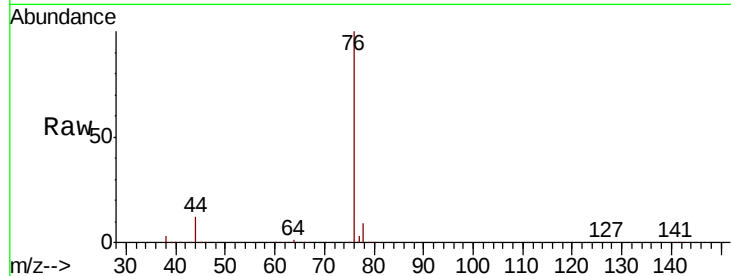
#17
Carbon Disulfide
Concen: 47.487 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 76 Resp: 538430
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

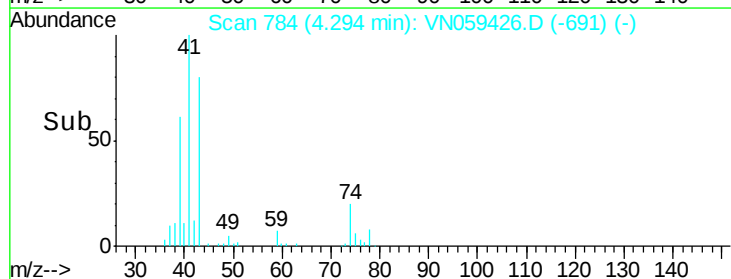
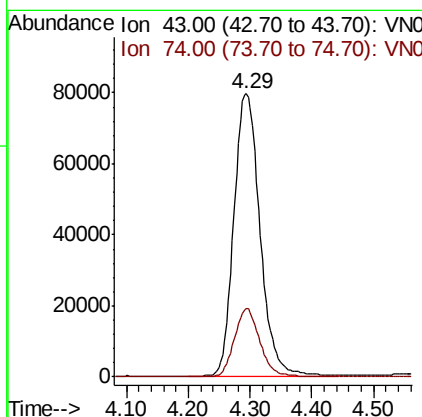
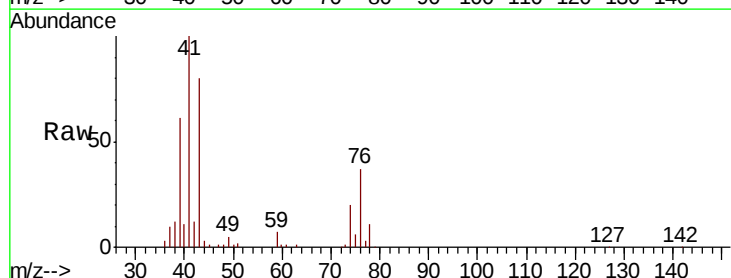
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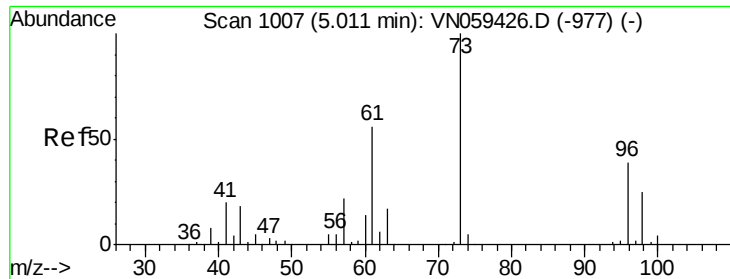
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#18
Methyl Acetate
Concen: 46.650 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion: 43 Resp: 235998
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0





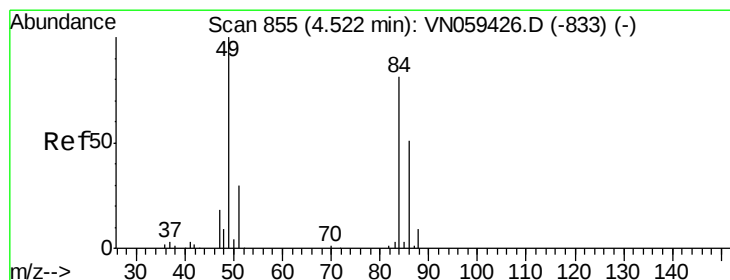
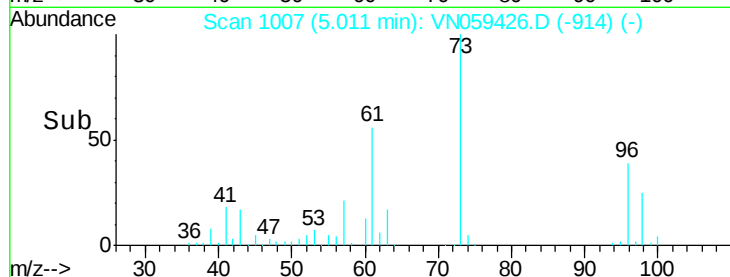
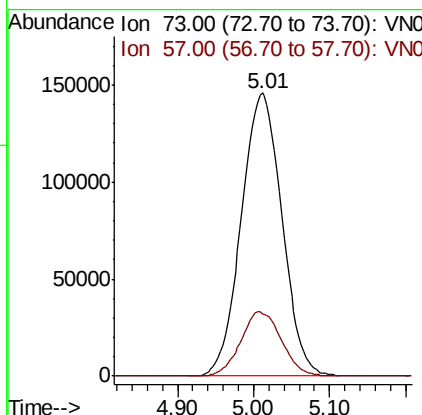
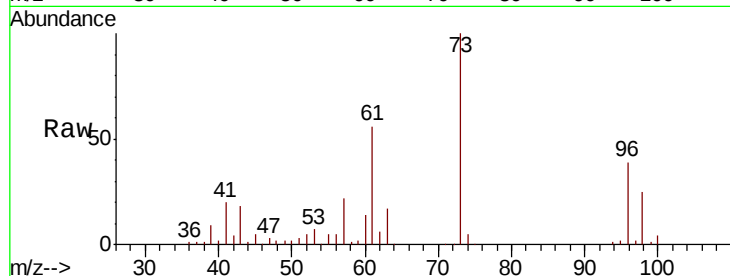
#19
Methvl tert-butvl Ether
Concen: 50.840 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 541301
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

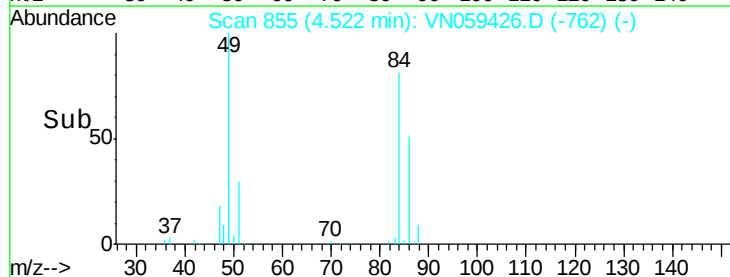
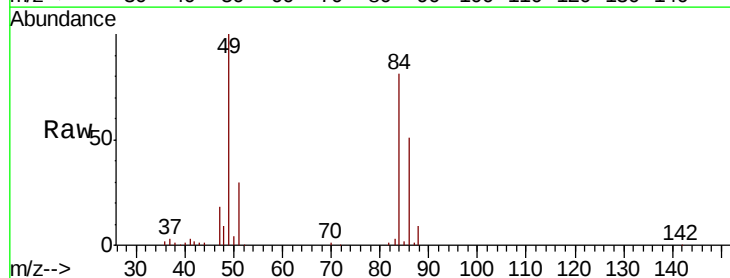
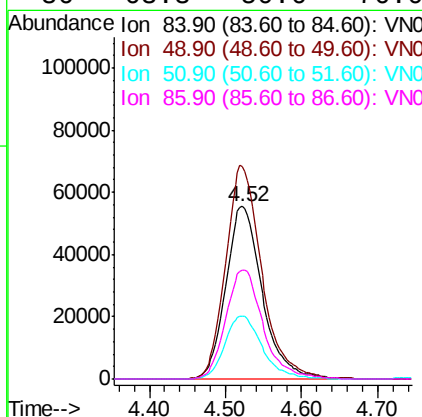
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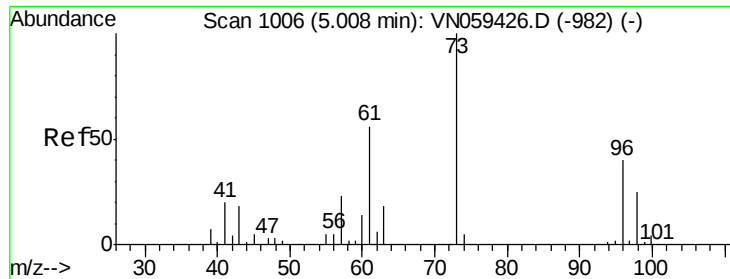
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#20
Methylene Chloride
Concen: 48.970 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion: 84 Resp: 184849
Ion Ratio Lower Upper
84 100
49 123.3 98.6 148.0
51 36.7 29.4 44.0
86 63.3 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 50.300 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

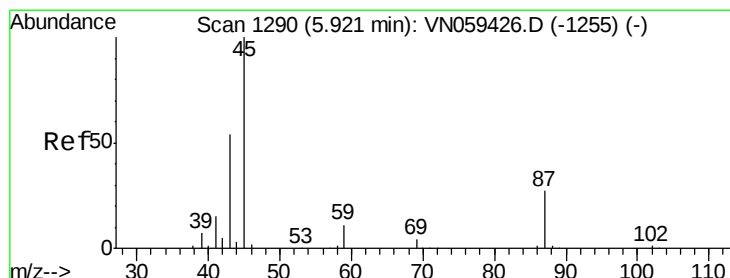
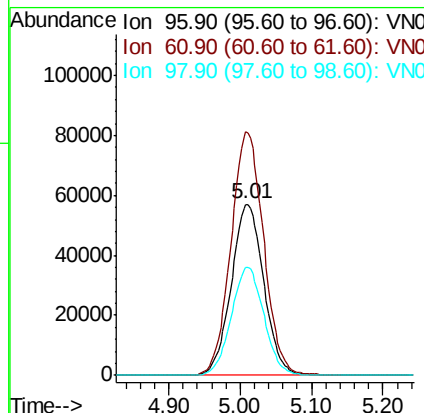
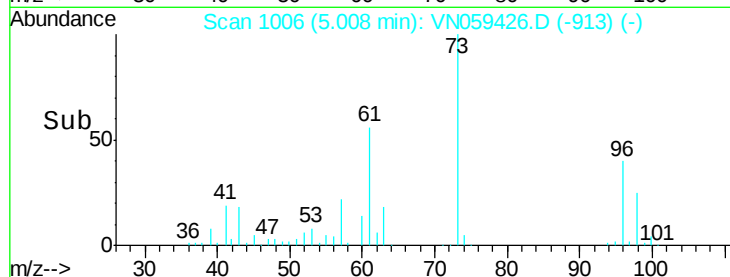
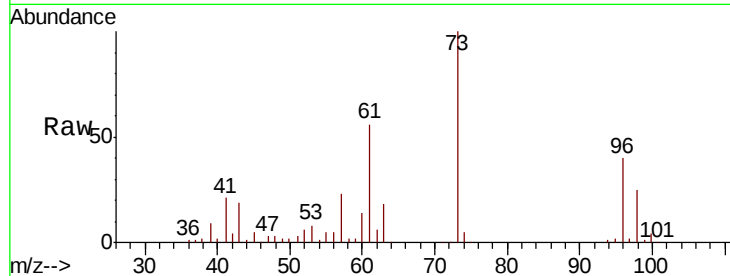
ClientSampled :

VSTDICCC050

Tot Ion:	96	Resp:	181073
Ion	Ratio	Lower	Upper
96	100		
61	142.5	114.0	171.0
98	63.1	50.5	75.7

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#22

Diisopropyl ether

Concen: 51.487 ug/l

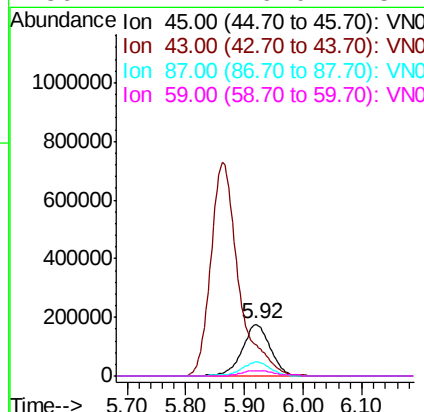
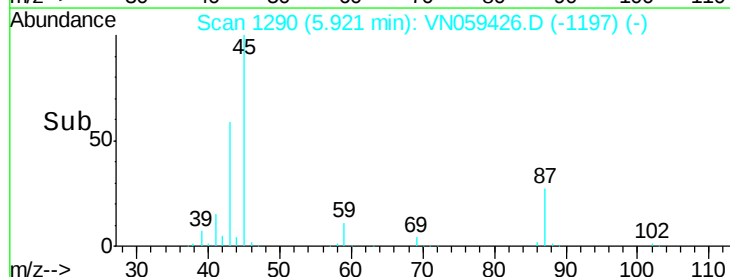
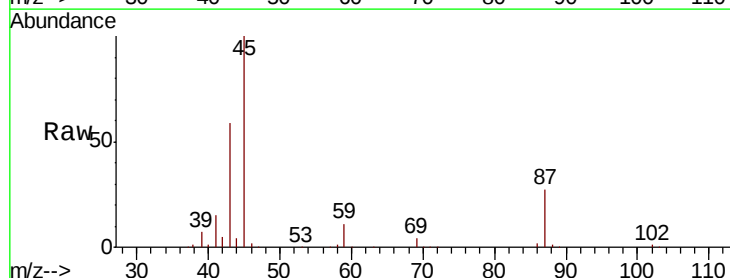
RT: 5.92 min Scan# 1290

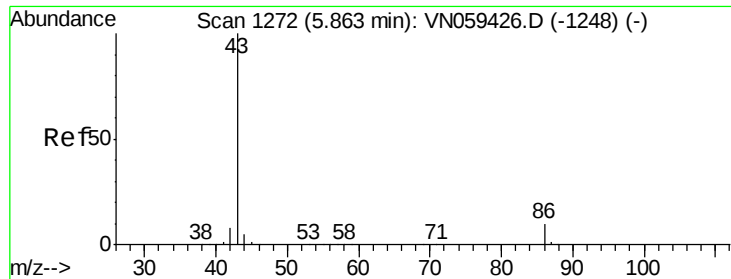
Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Tgt Ion:	45	Resp:	586313
Ion	Ratio	Lower	Upper
45	100		
43	57.9	46.3	69.5
87	27.2	21.8	32.6
59	11.2	9.0	13.4





#23

Vinyl Acetate

Concen: 261.247 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 2400103

Ion Ratio Lower Upper

43 100

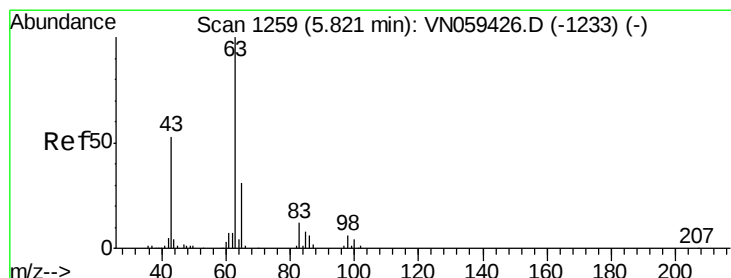
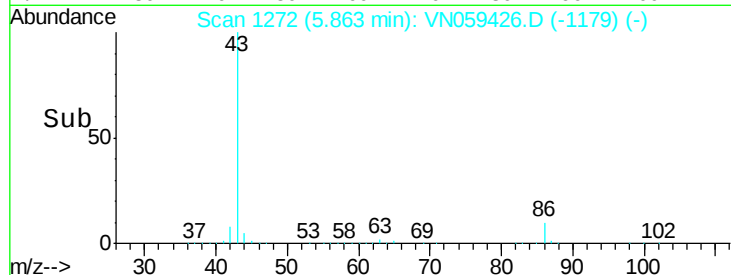
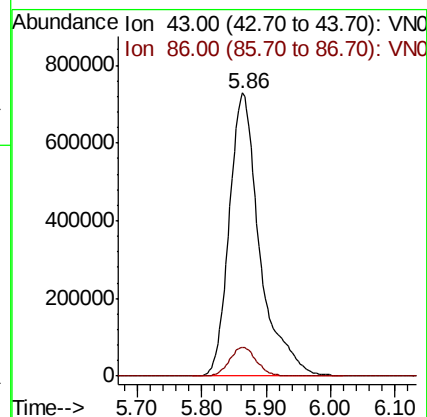
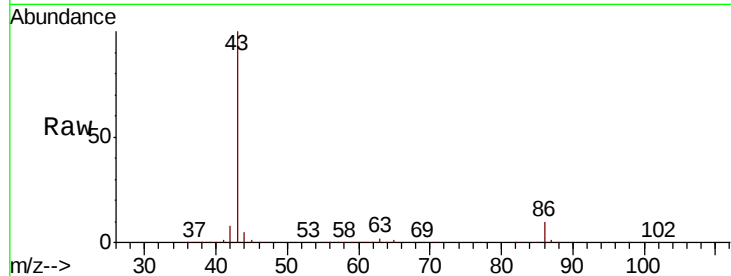
86 10.3 8.2 12.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.691 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

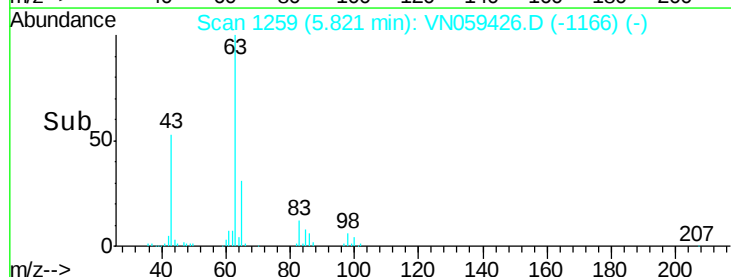
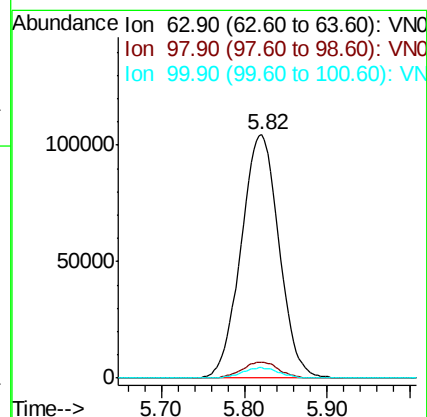
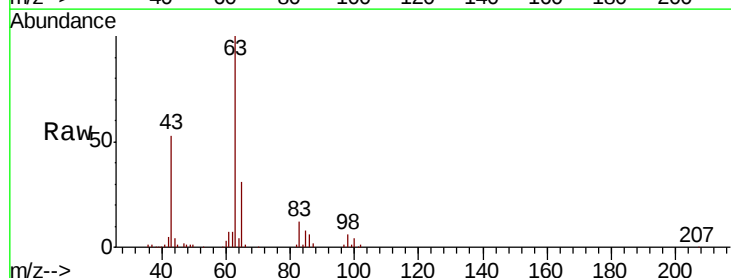
Tgt Ion: 63 Resp: 332129

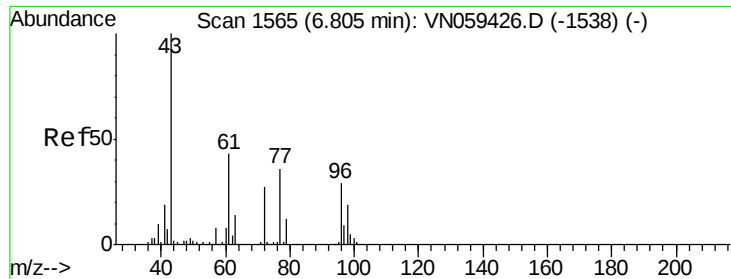
Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 4.2 2.1 6.3





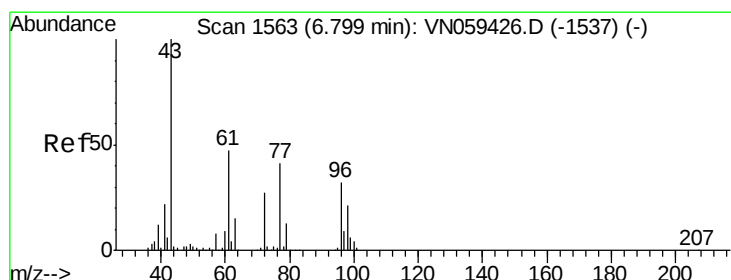
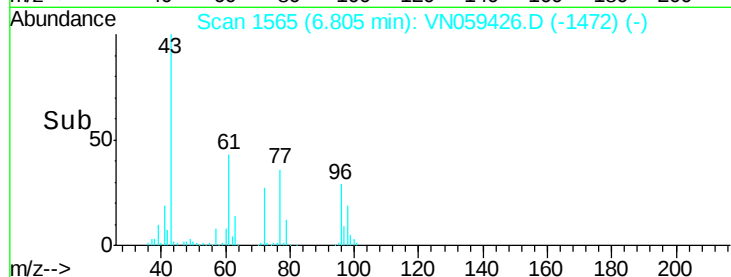
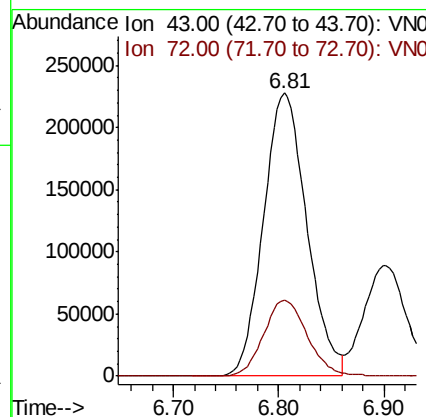
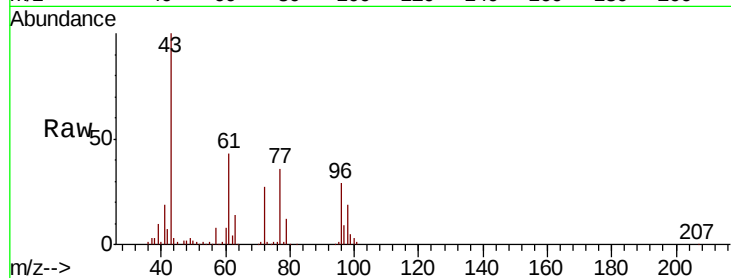
#25
2-Butanone
Concen: 254.383 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 650113
Ion Ratio Lower Upper
43 100
72 26.8 21.4 32.2

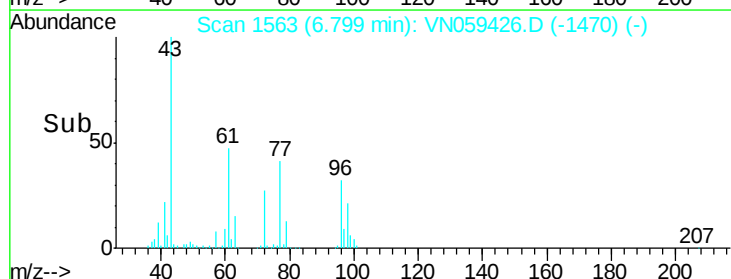
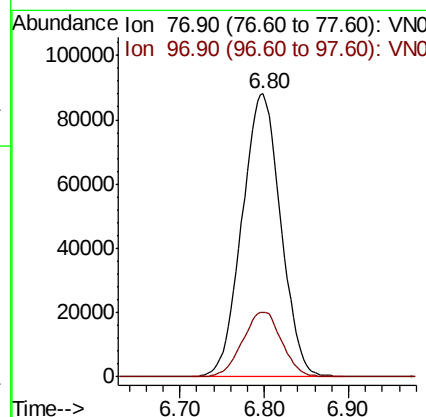
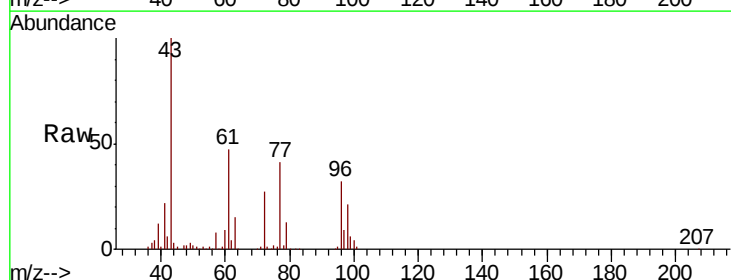
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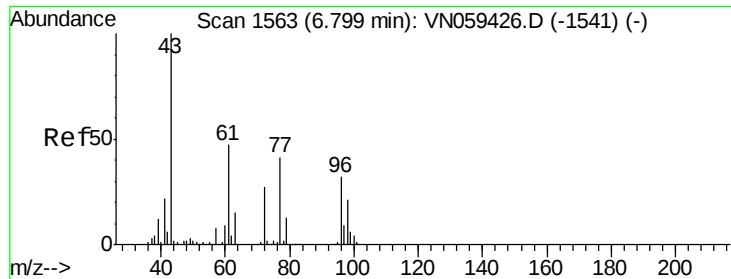
apatel
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#26
2,2-Dichloropropane
Concen: 50.416 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion: 77 Resp: 281116
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 50.816 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

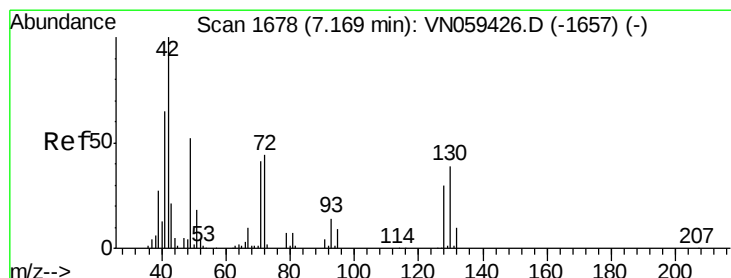
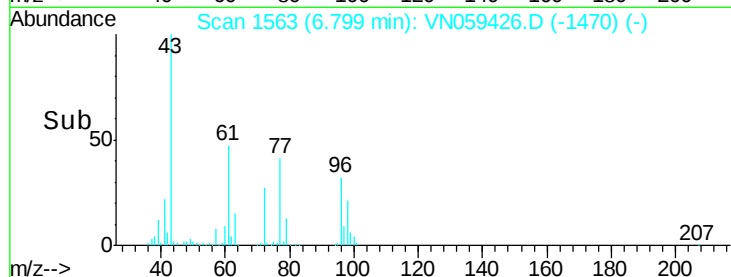
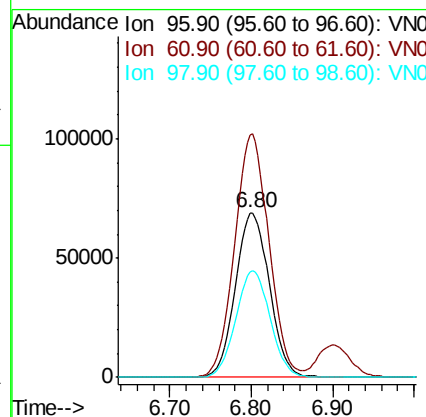
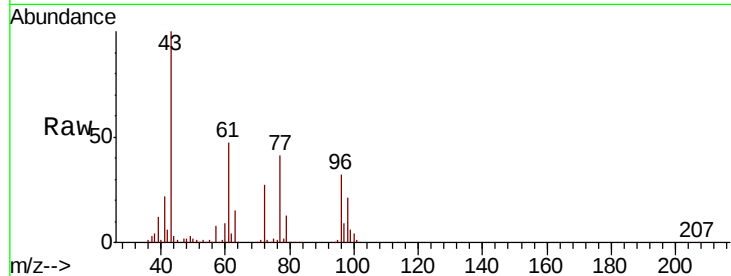
ClientSampled :

VSTDICCC050

Tot Ion:	96	Resp:	200069
Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	297.6
98	65.4	0.0	130.8

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#28

Bromochloromethane

Concen: 62.372 ug/l

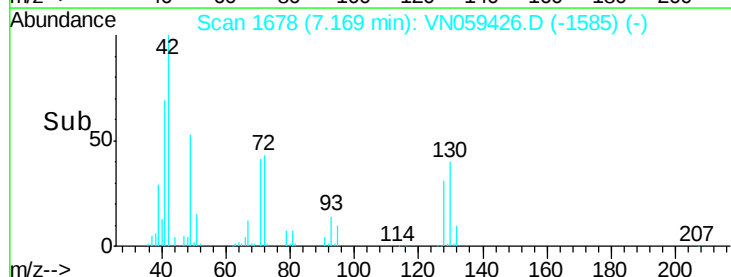
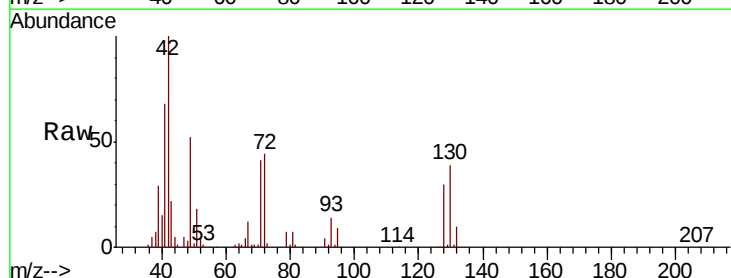
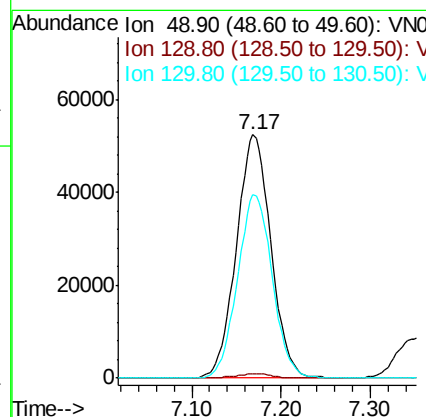
RT: 7.17 min Scan# 1678

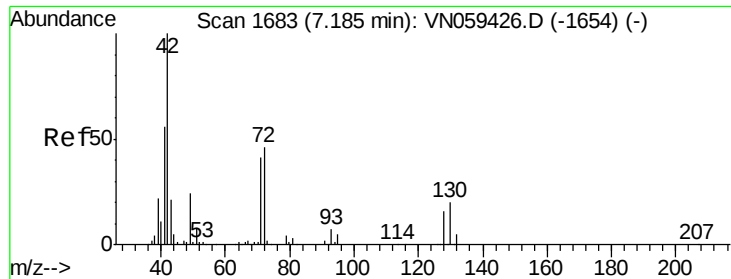
Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Tgt Ion:	49	Resp:	141203
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	75.6	60.5	90.7





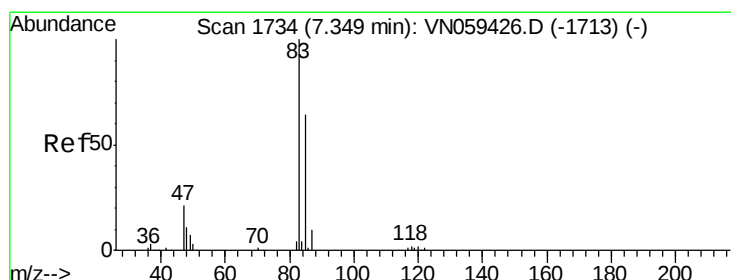
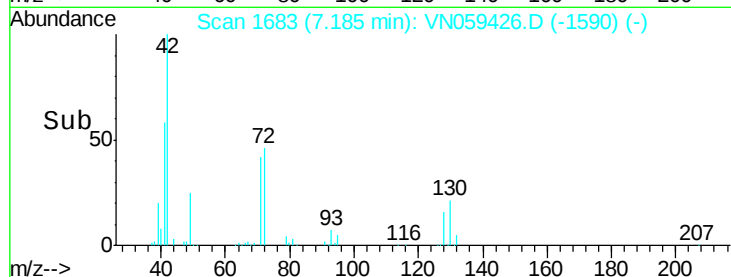
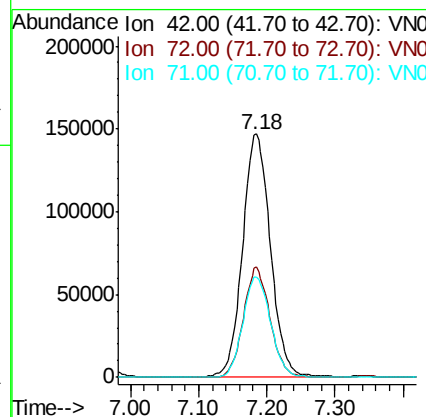
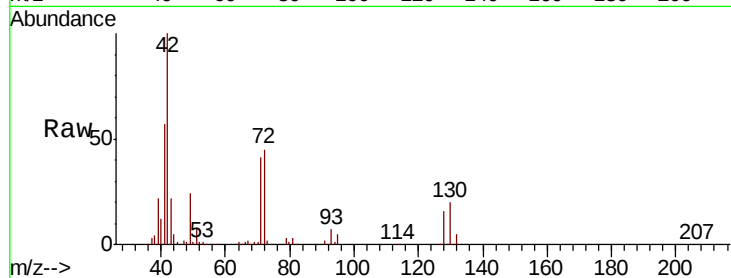
#29
Tetrahydrofuran
Concen: 245.051 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.6	51.8
71	41.3	33.0	49.6

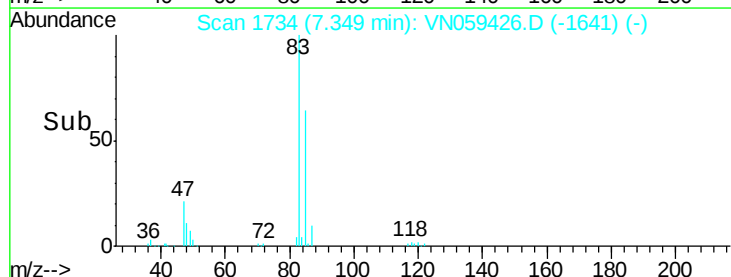
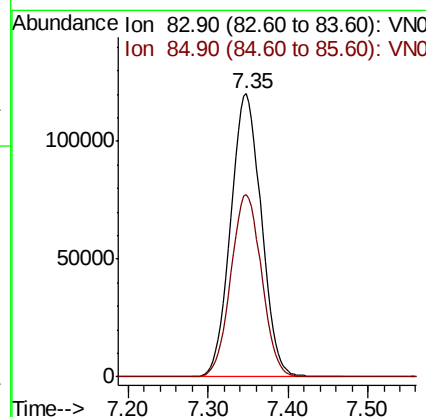
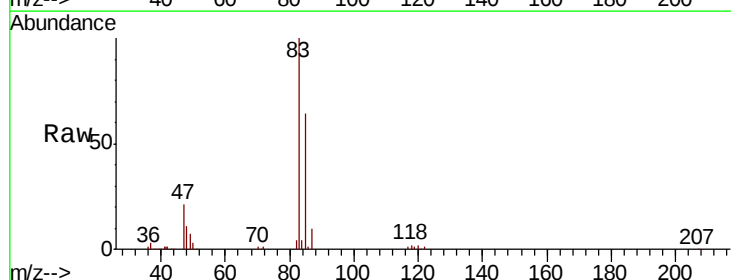
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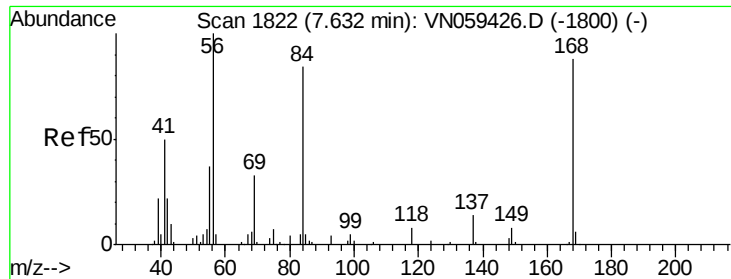
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#30
Chloroform
Concen: 47.651 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4





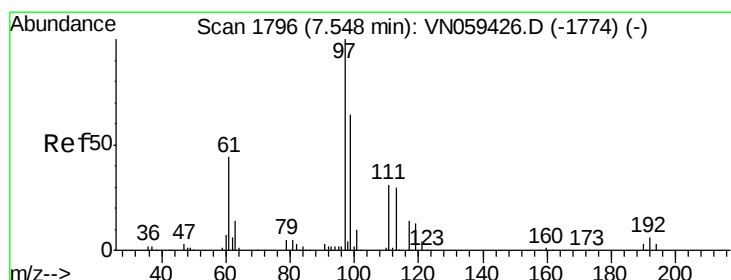
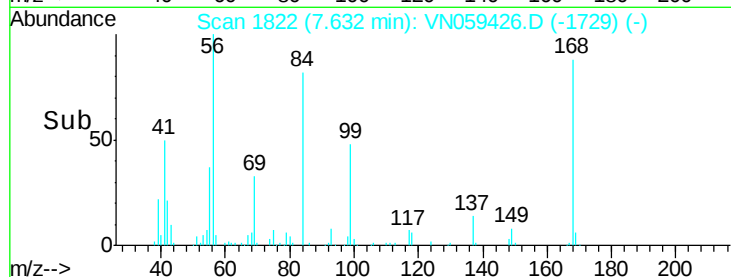
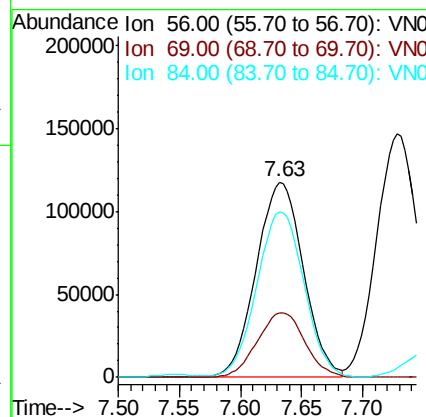
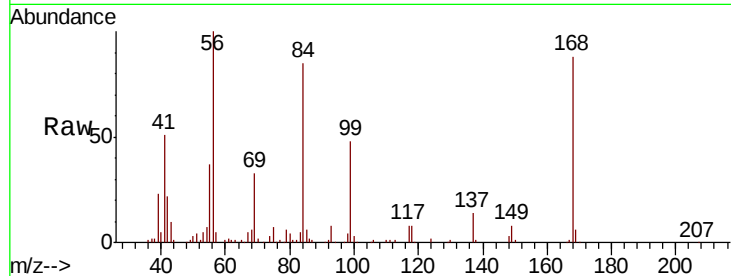
#31
Cyclohexane
Concen: 48.119 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.4	39.6
84	83.8	67.0	100.6

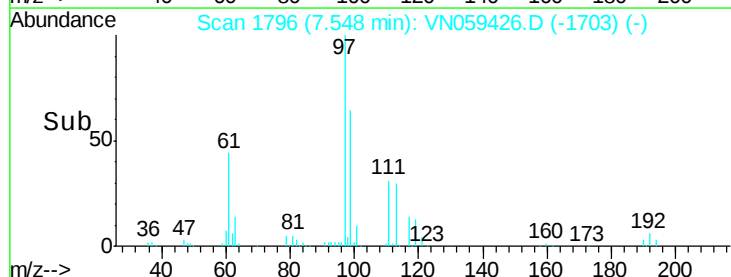
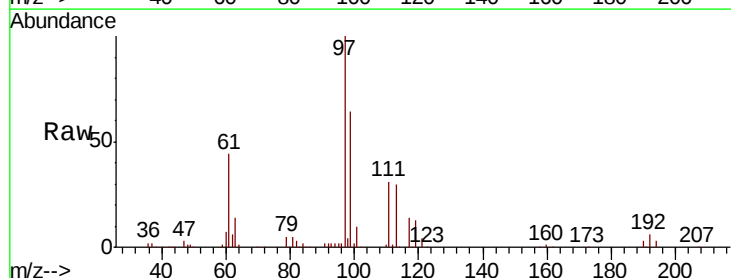
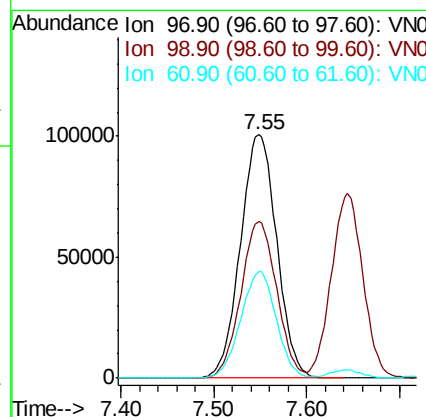
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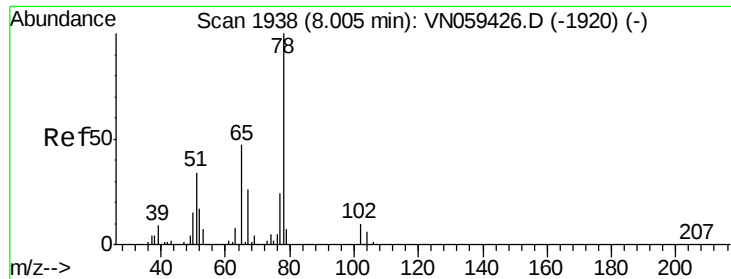
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#32
1,1,1-Trichloroethane
Concen: 50.763 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.9	76.3
61	42.9	34.3	51.5





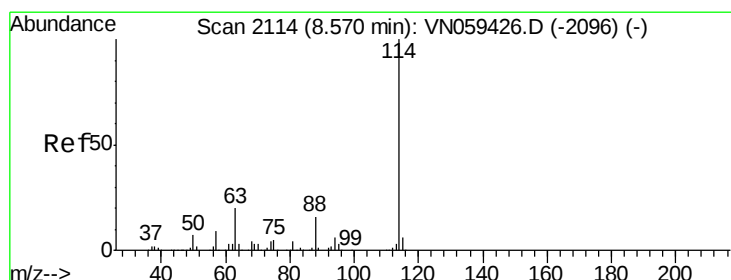
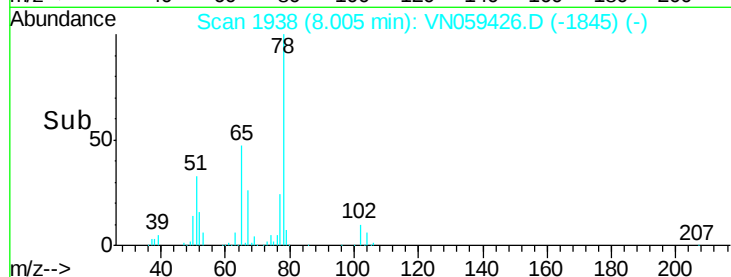
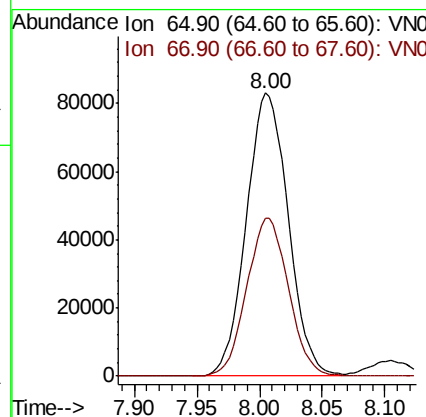
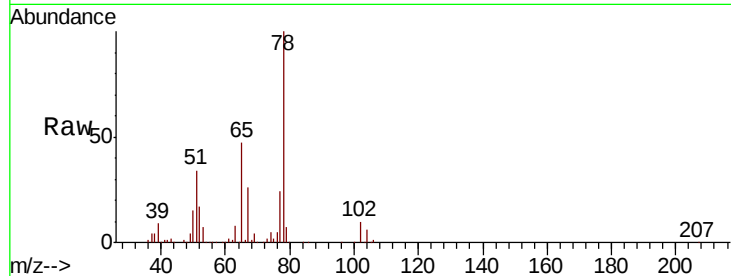
#33
 1,2-Dichloroethane-d4
 Concen: 49.557 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059426.D
 Acq: 27 Nov 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	193248		
67	55.6	0.0	111.2	

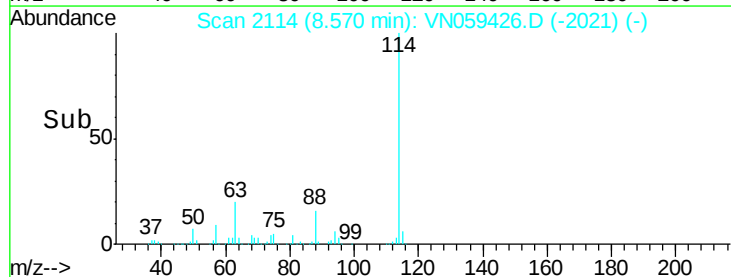
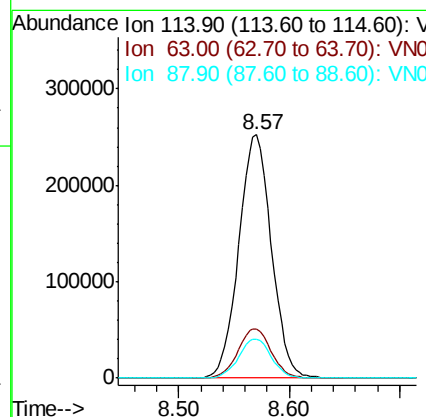
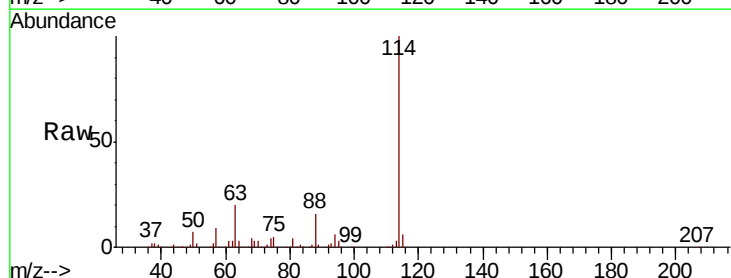
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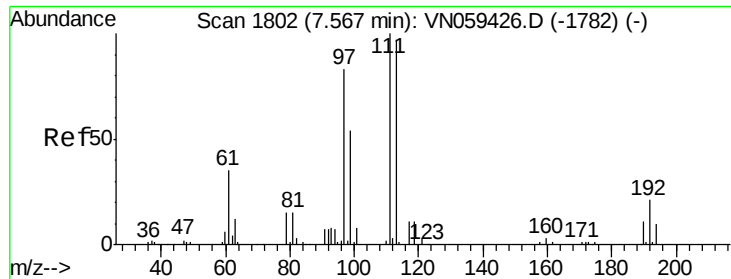
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059426.D
 Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	515891		
63	20.2	0.0	40.4	
88	16.1	0.0	32.2	





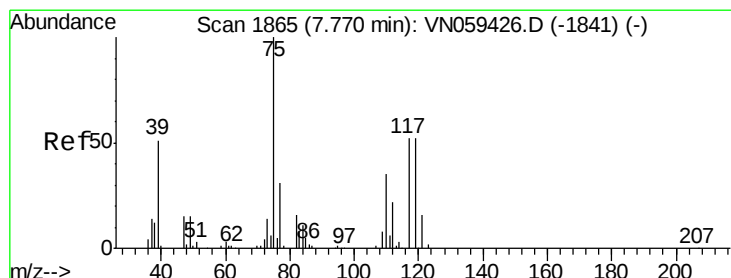
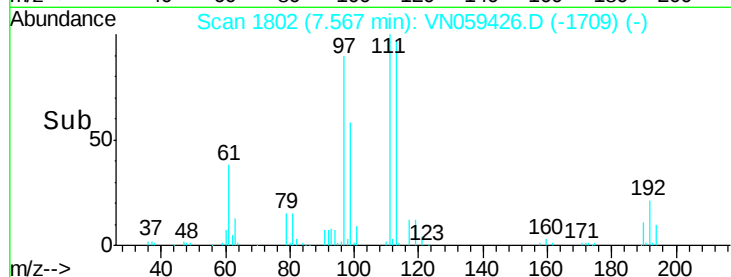
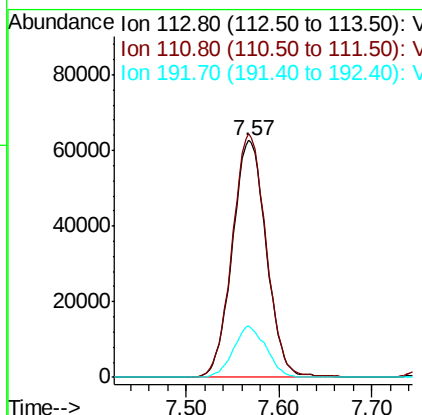
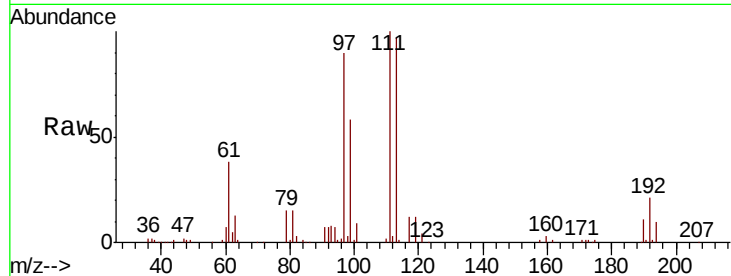
#35
 Dibromofluoromethane
 Concen: 50.688 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059426.D
 Acq: 27 Nov 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	159280		
111	102.4	81.9	122.9	
192	20.7	16.6	24.8	

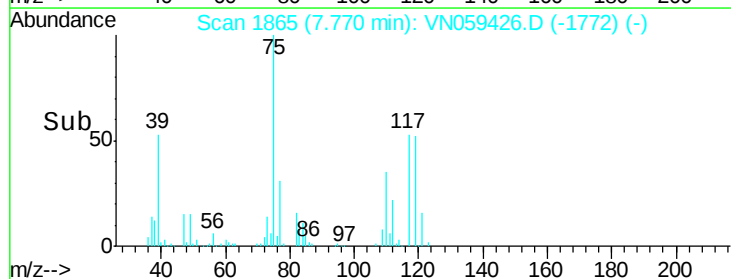
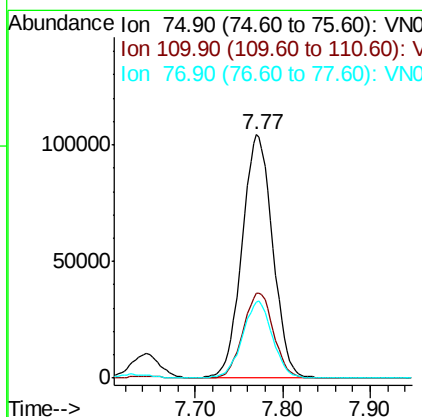
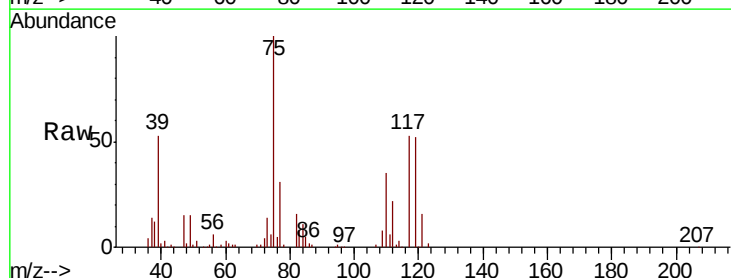
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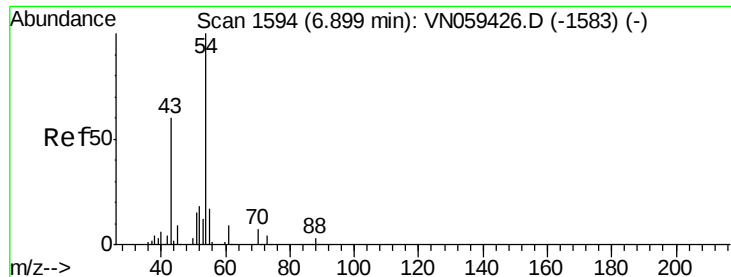
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#36
 1,1-Dichloropropene
 Concen: 50.998 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059426.D
 Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	253003		
110	34.7	17.3	52.0	
77	31.1	24.9	37.3	





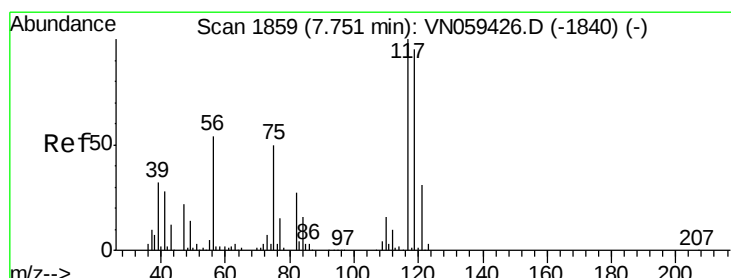
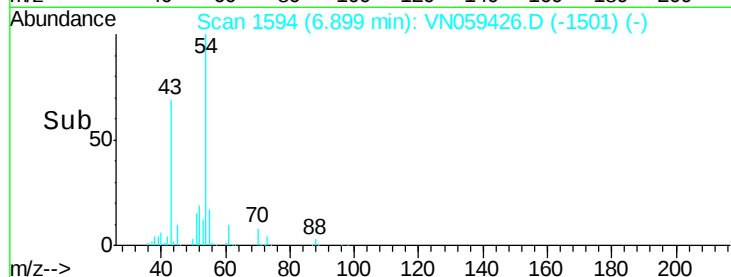
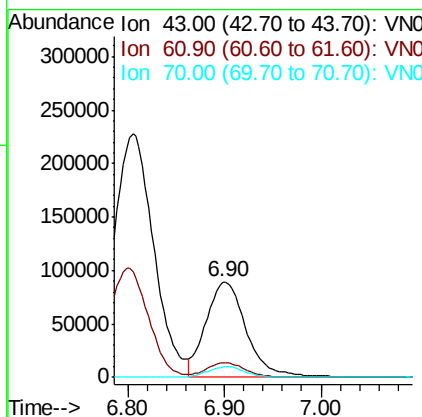
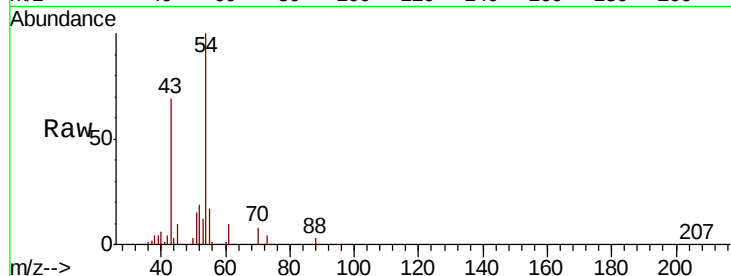
#37
Ethyl Acetate
Concen: 48.440 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	43	61	70	Ratio	Lower	Upper
254252	100	15.2	11.0		12.2	18.2
					8.8	13.2

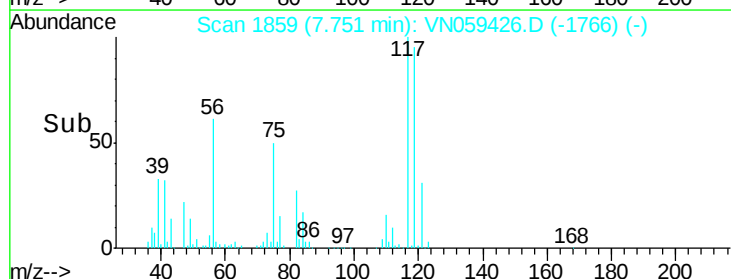
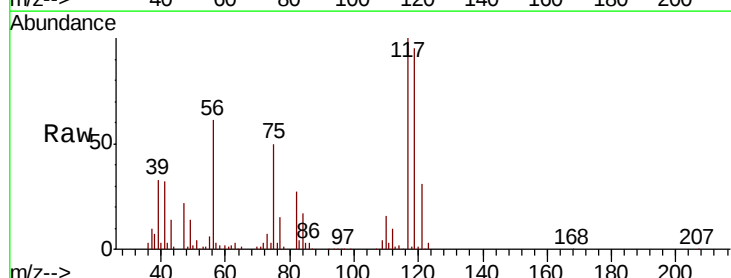
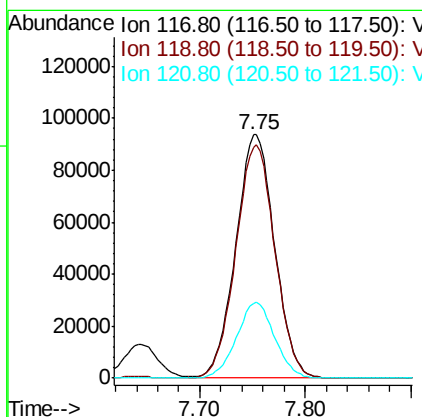
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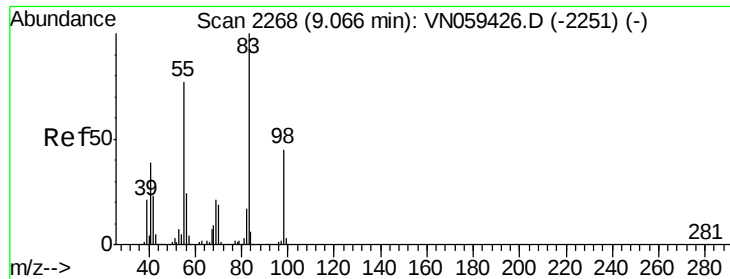
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#38
Carbon Tetrachloride
Concen: 51.232 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion	117	119	121	Ratio	Lower	Upper
239864	100	94.9	30.7		75.9	113.9
					24.6	36.8





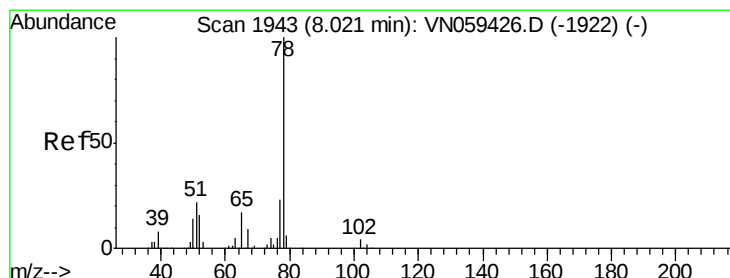
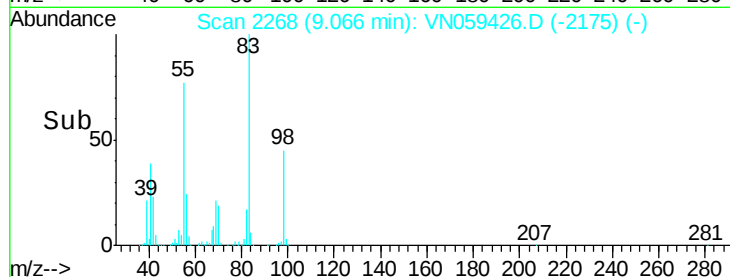
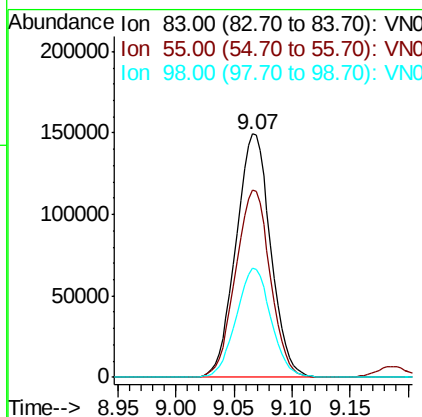
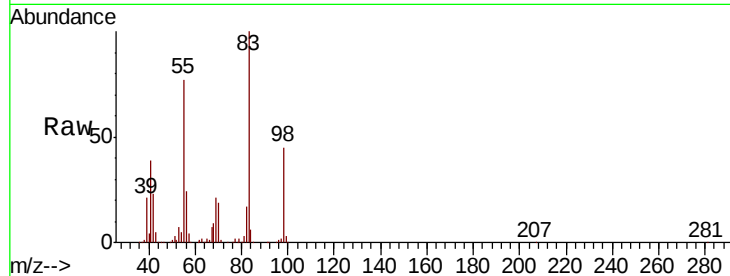
#39
Methvlcvclohexane
Concen: 52.491 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	61.6	92.4
98	44.6	35.7	53.5

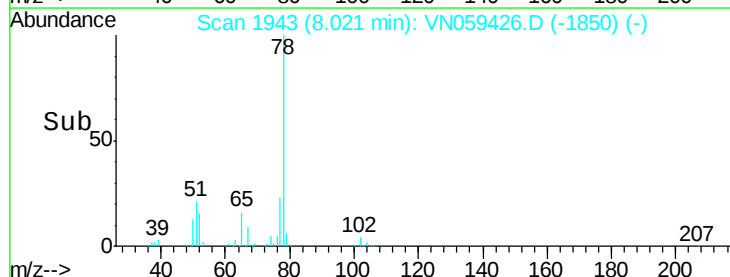
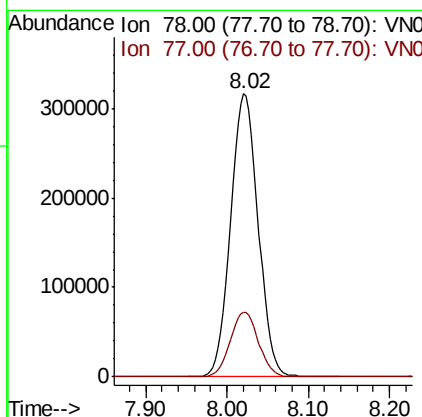
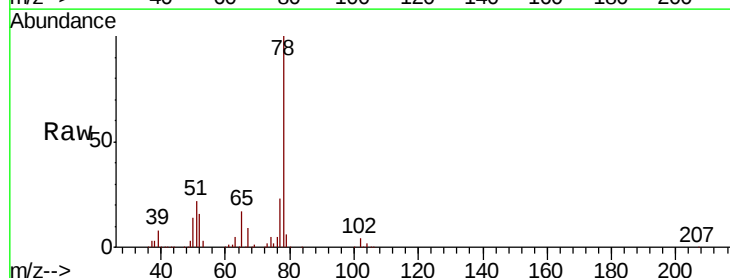
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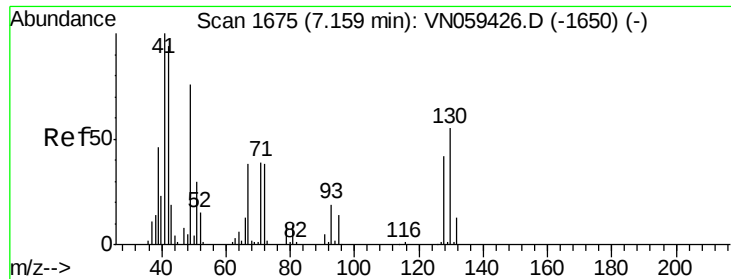
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#40
Benzene
Concen: 50.723 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.3	27.5





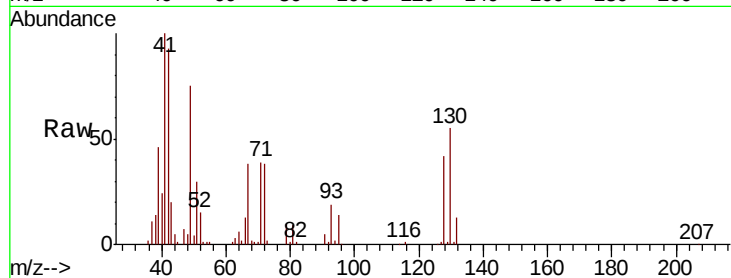
#41
Methacrylonitrile
Concen: 53.976 ug/l m
RT: 7.16 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

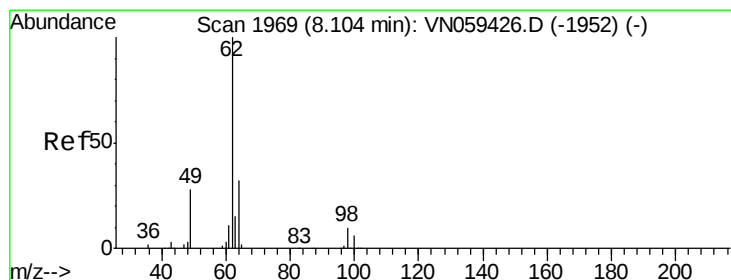
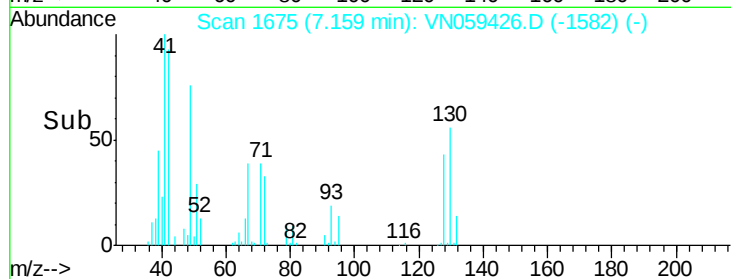
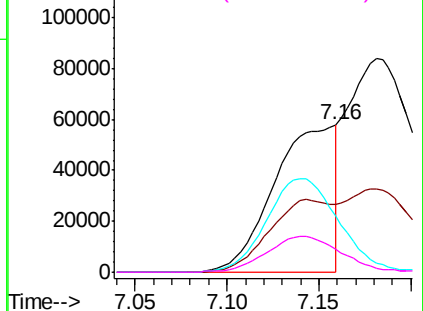
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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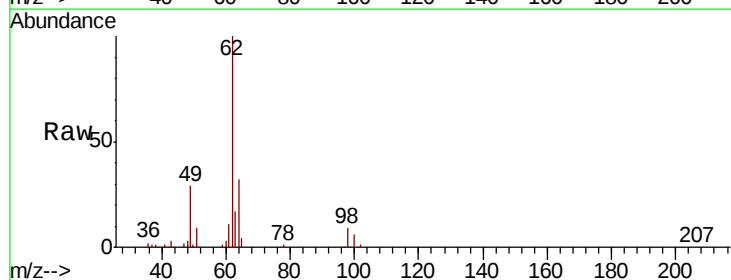


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

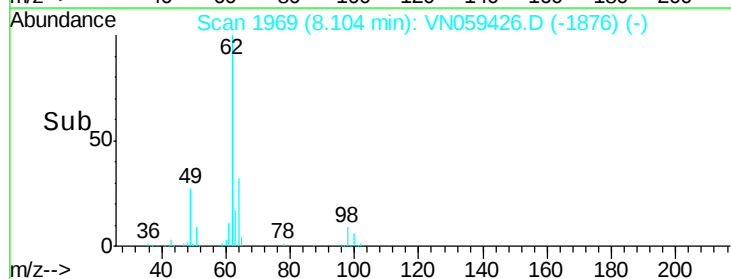
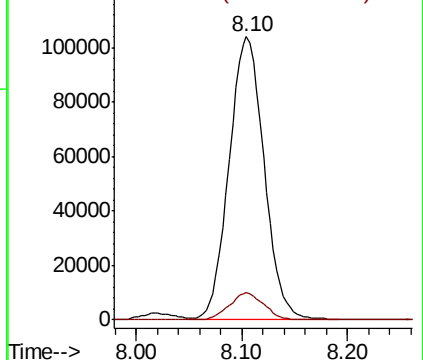


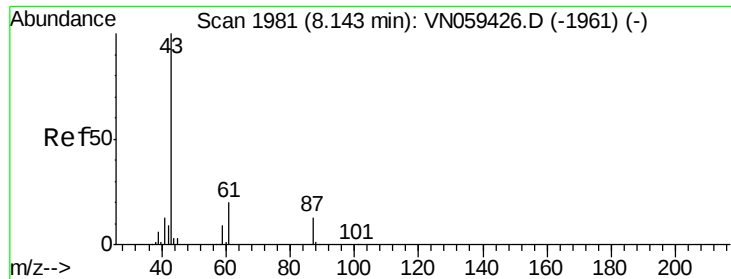
#42
1,2-Dichloroethane
Concen: 51.202 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





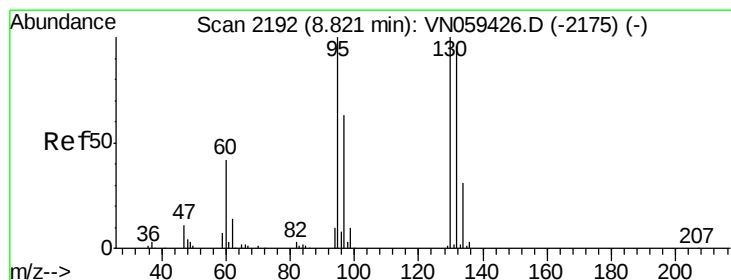
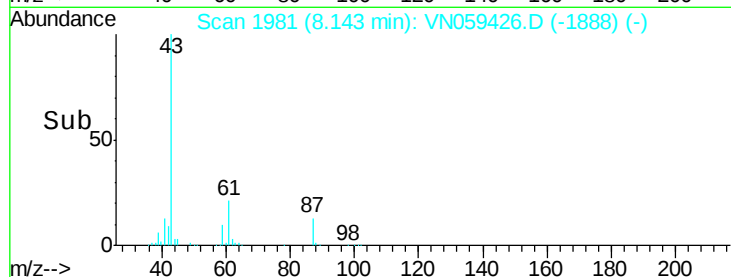
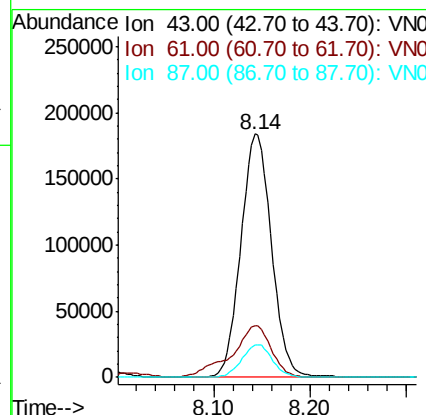
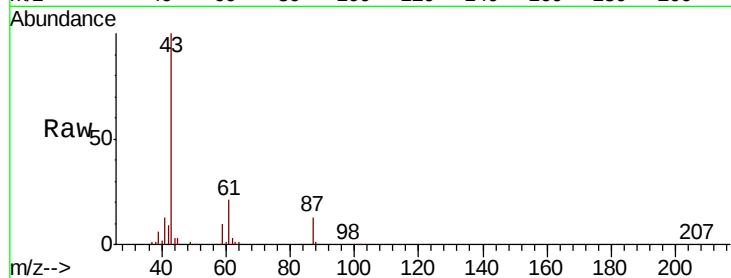
#43
Isopropyl Acetate
Concen: 50.648 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.7	22.2	33.2
87	13.4	10.7	16.1

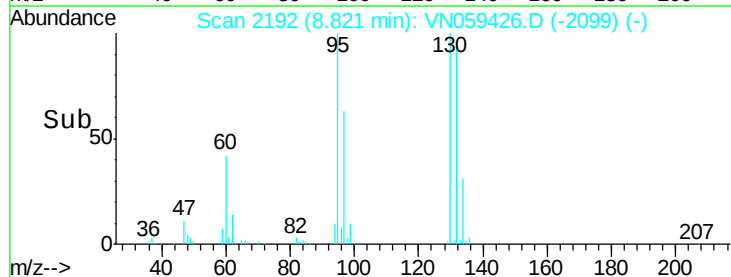
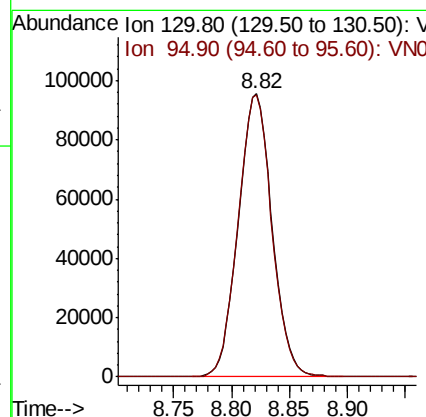
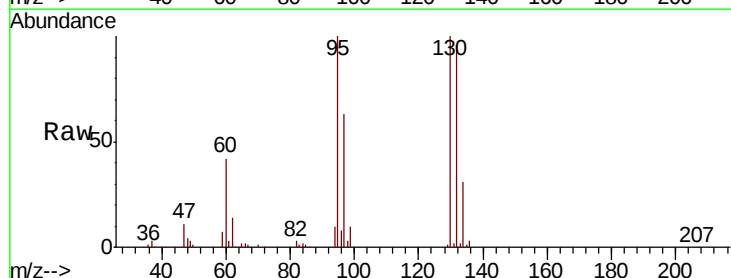
Manual Integrations
APPROVED

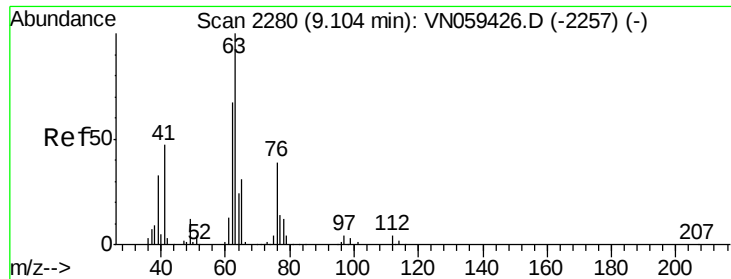
apatel
12/2/2019 10:09:04 AM



#44
Trichloroethene
Concen: 51.355 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	199.6





#45

1,2-Dichloropropane

Concen: 51.555 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 198636

Ion Ratio Lower Upper

63 100

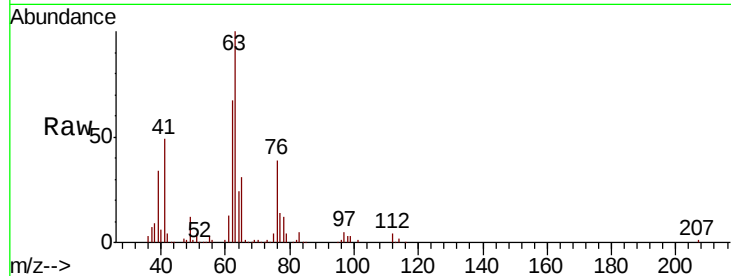
65 30.7 24.6 36.8

Manual Integrations

APPROVED

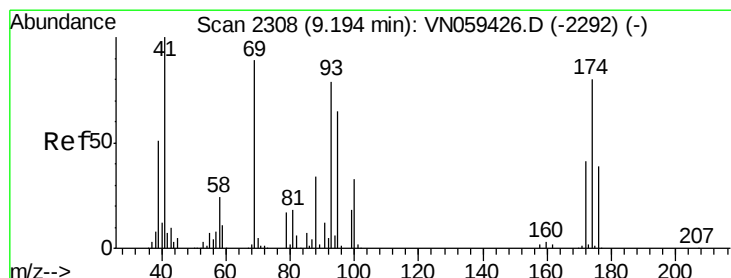
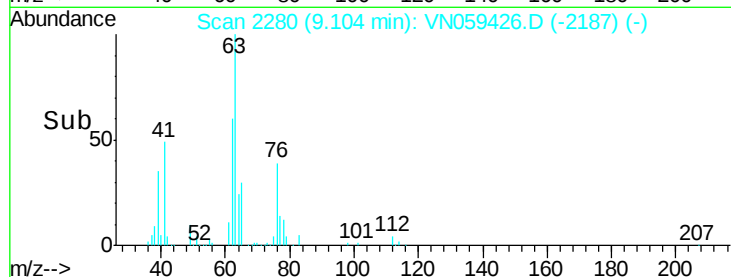
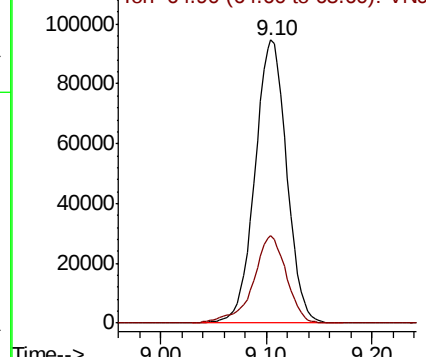
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 51.205 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

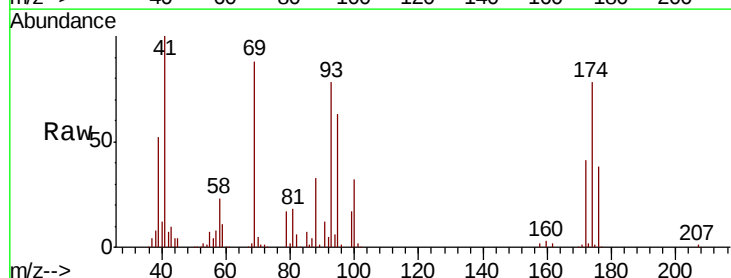
Tgt Ion: 93 Resp: 121749

Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

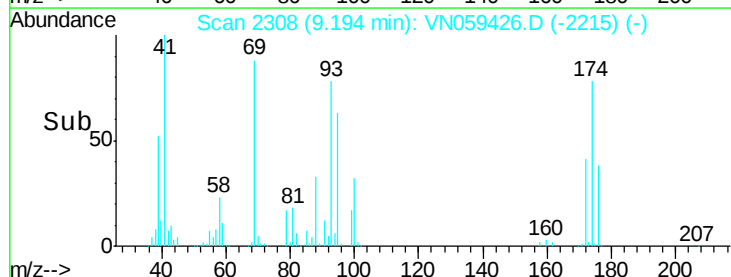
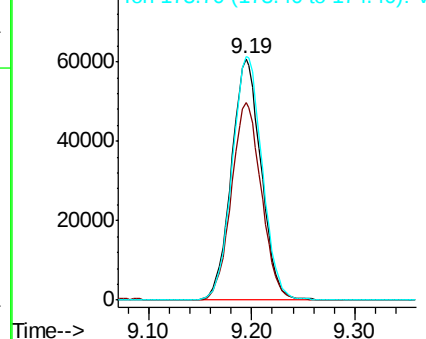
174 102.3 81.8 122.8

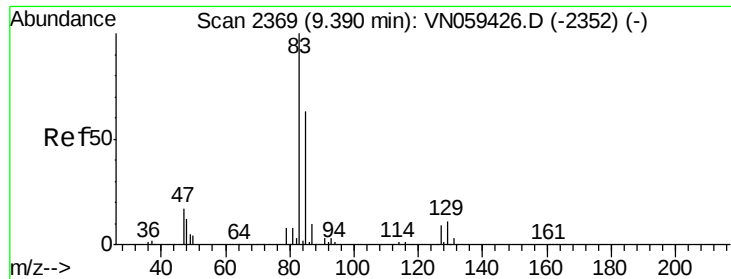


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





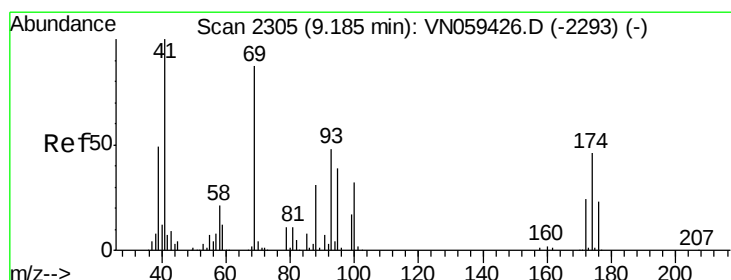
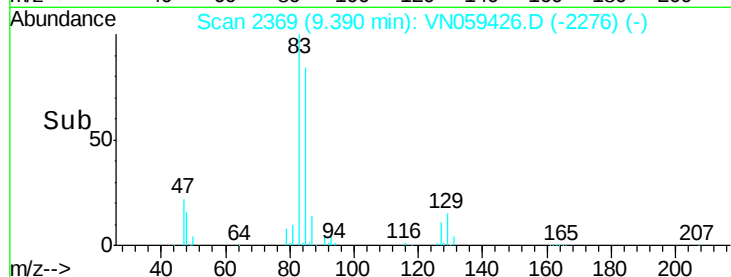
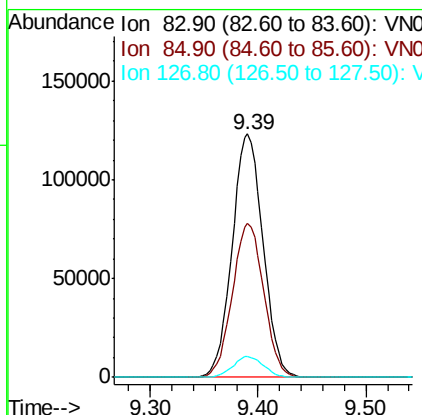
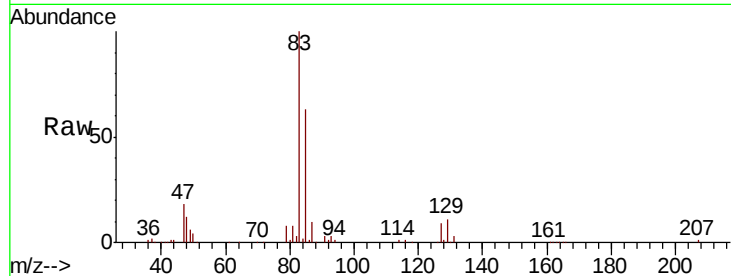
#47
Bromodichloromethane
Concen: 51.051 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.6	75.8
127	8.5	6.8	10.2

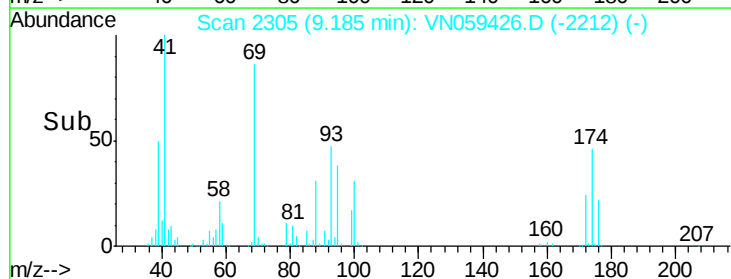
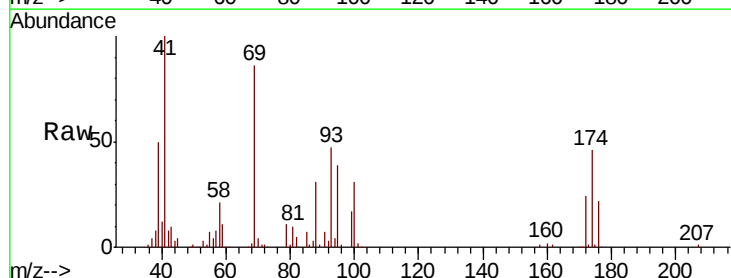
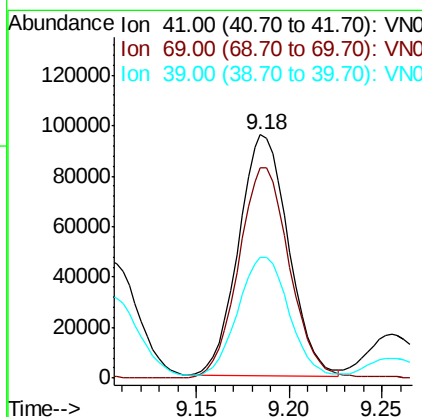
Manual Integrations
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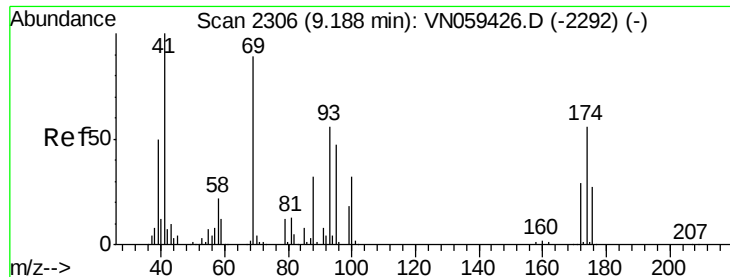
apatel
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#48
Methyl methacrylate
Concen: 50.518 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.5	71.6	107.4
39	51.6	41.3	61.9





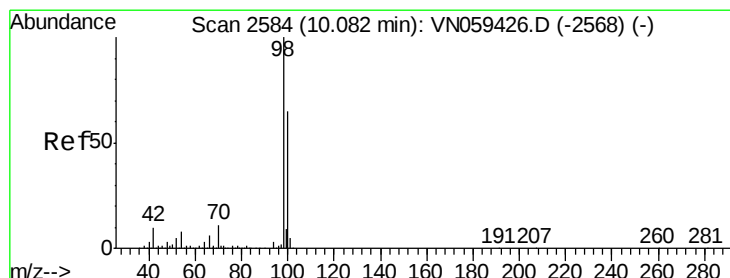
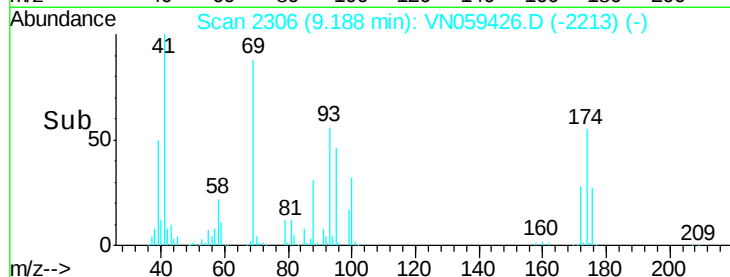
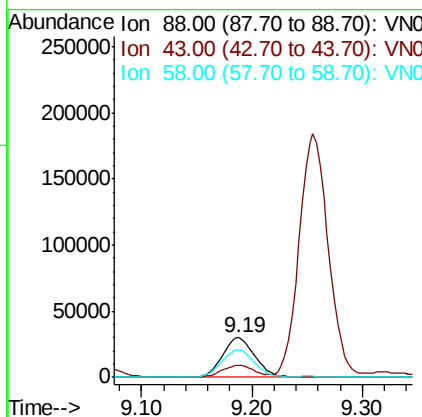
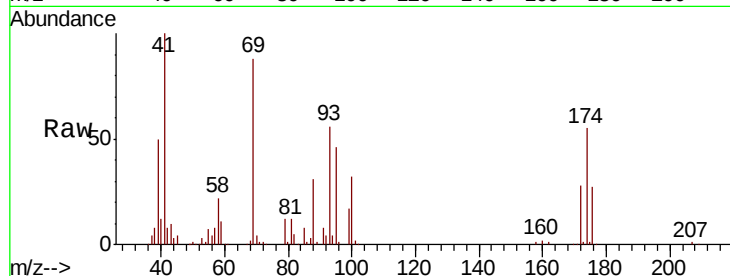
#49
1,4-Dioxane
Concen: 1195.220 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.6	23.7	35.5
58	70.4	56.3	84.5

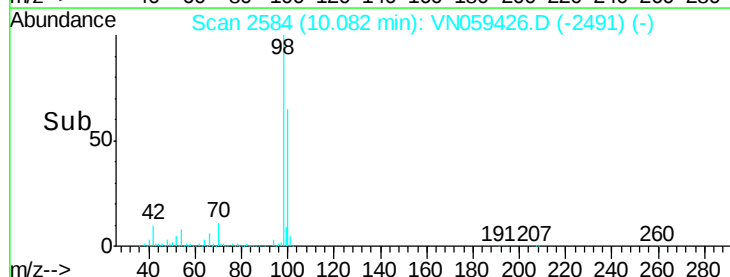
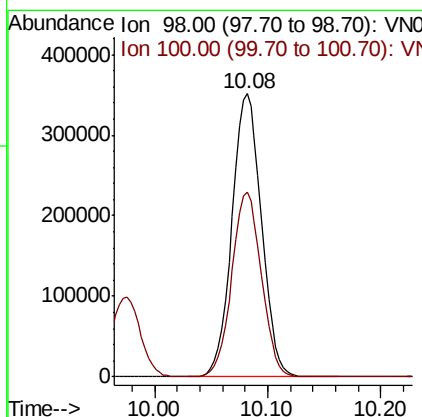
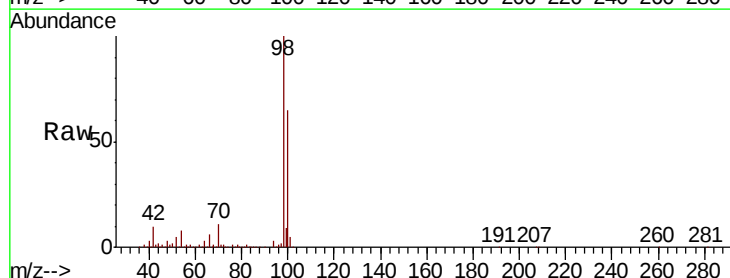
Manual Integrations
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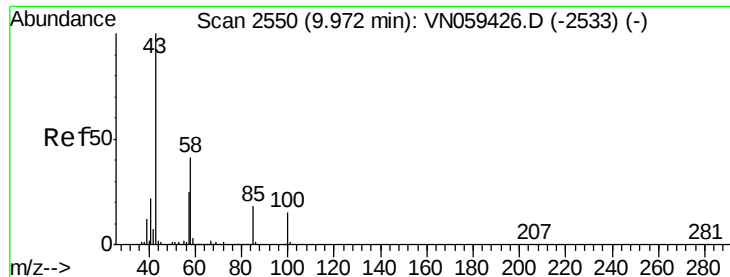
apatel
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#50
Toluene-d8
Concen: 50.946 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





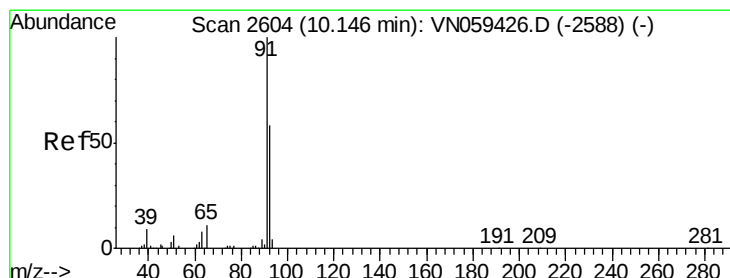
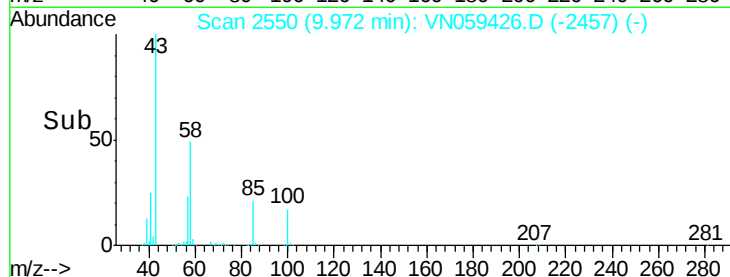
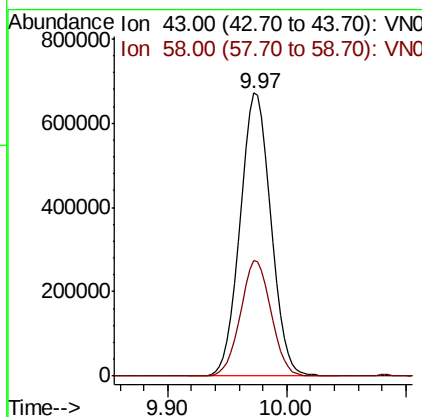
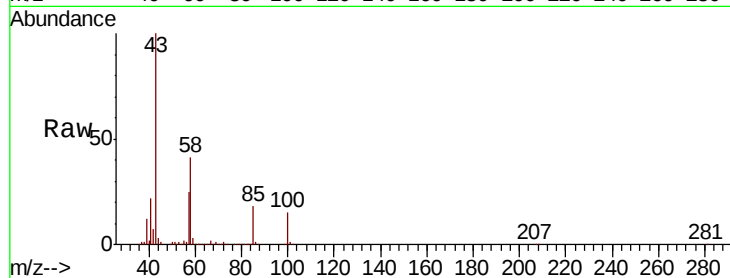
#51
4-Methyl-2-Pentanone
Concen: 260.654 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.6	32.5	48.7

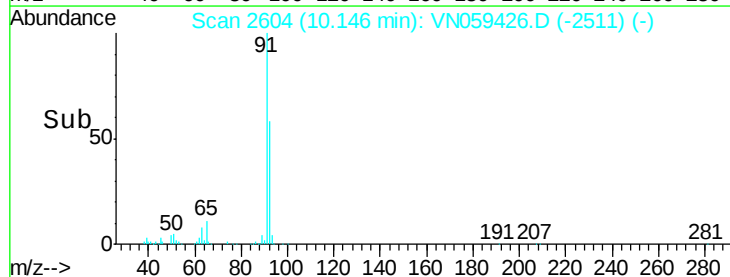
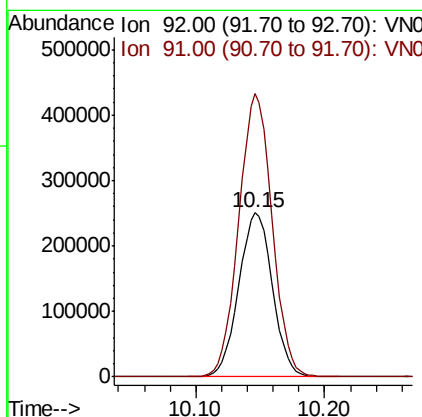
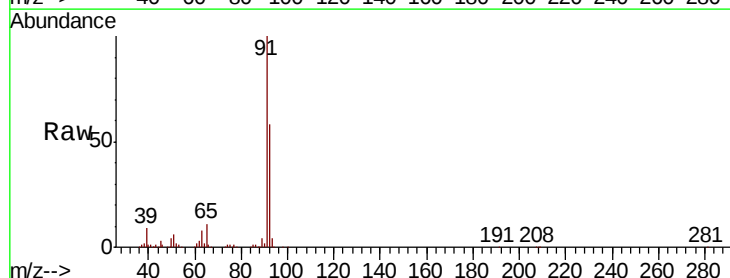
Manual Integrations
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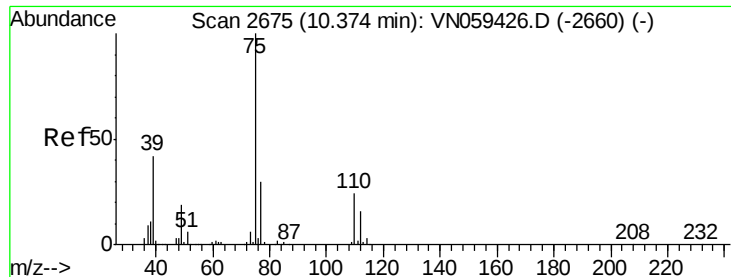
apatel
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#52
Toluene
Concen: 51.741 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.4	137.1	205.7





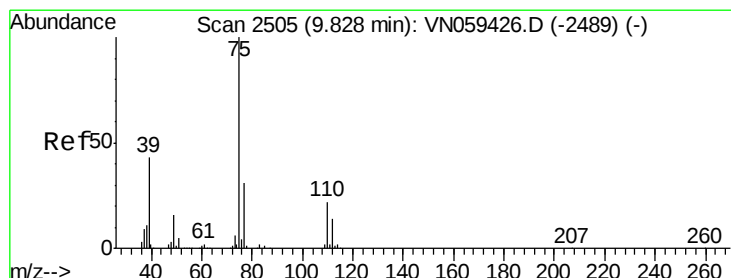
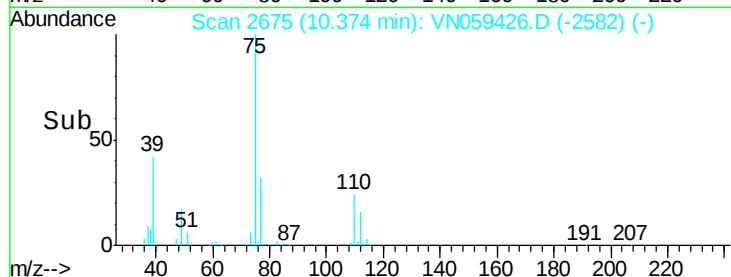
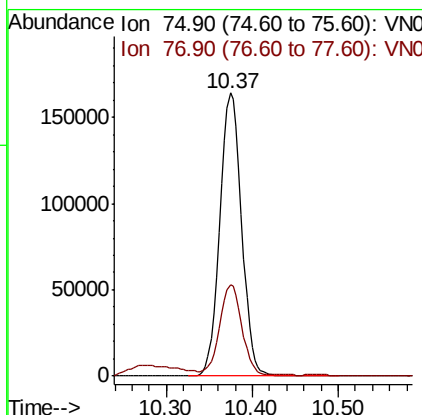
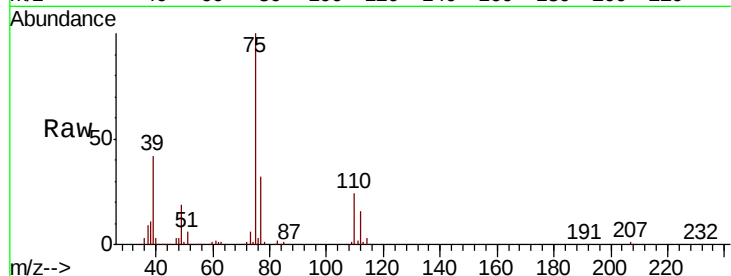
#53
t-1,3-Dichloropropene
Concen: 52.308 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 75 Resp: 289046
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3

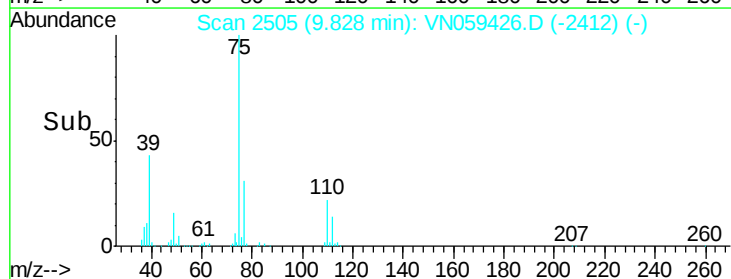
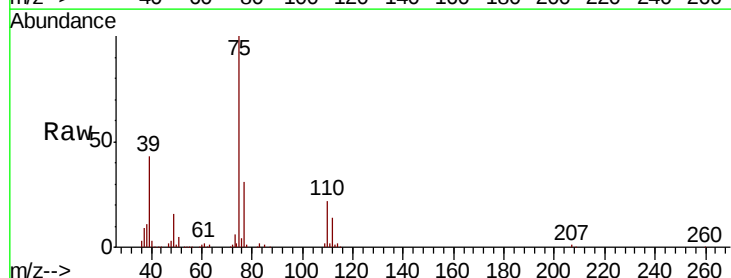
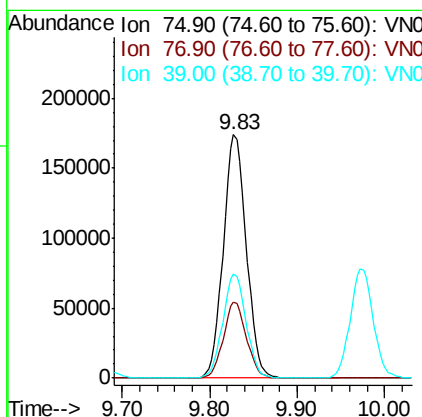
Manual Integrations
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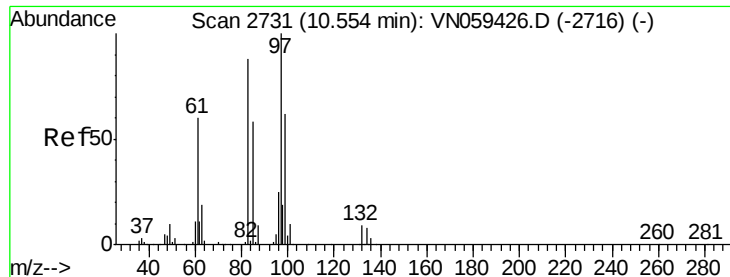
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#54
cis-1,3-Dichloropropene
Concen: 53.286 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion: 75 Resp: 317863
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 42.5 34.0 51.0





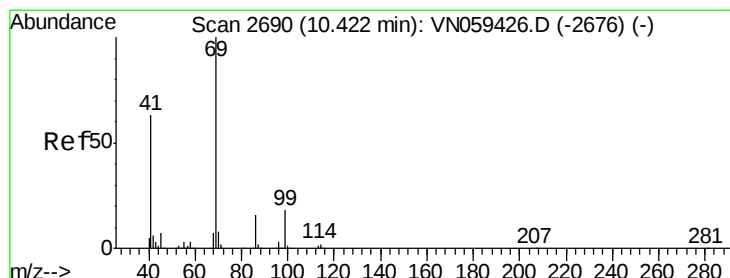
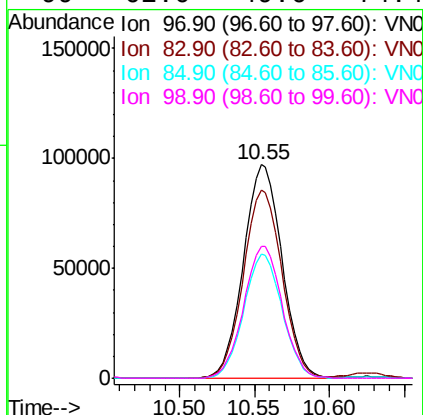
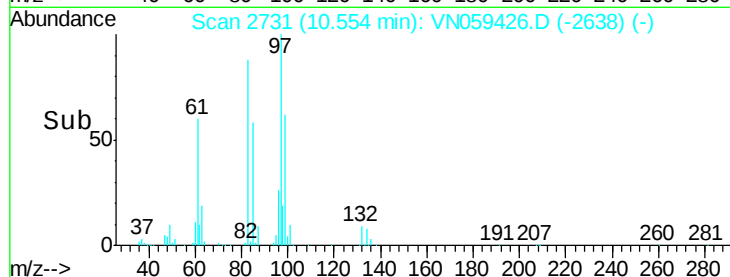
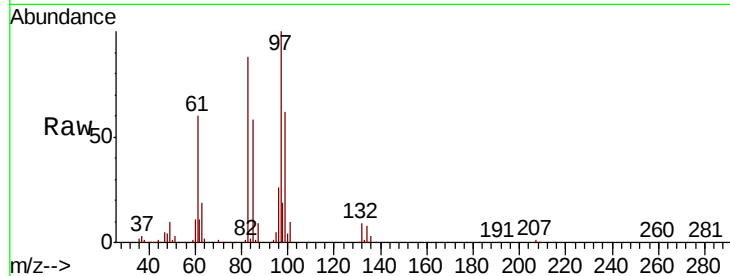
#55
 1,1,2-Trichloroethane
 Concen: 50.719 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN059426.D
 Acq: 27 Nov 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	174701
Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.7	106.1
85	58.0	46.4	69.6
99	62.0	49.6	74.4

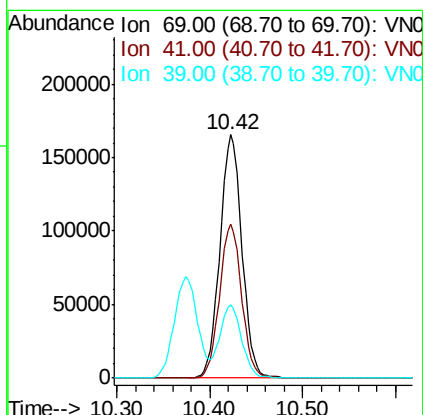
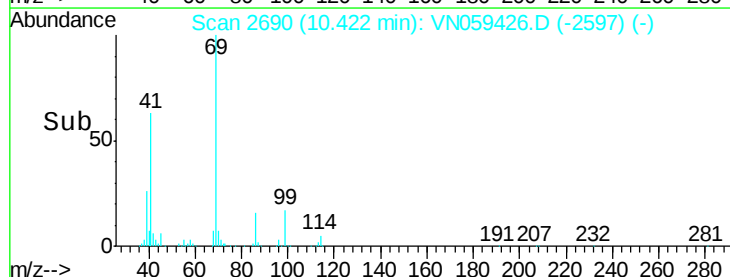
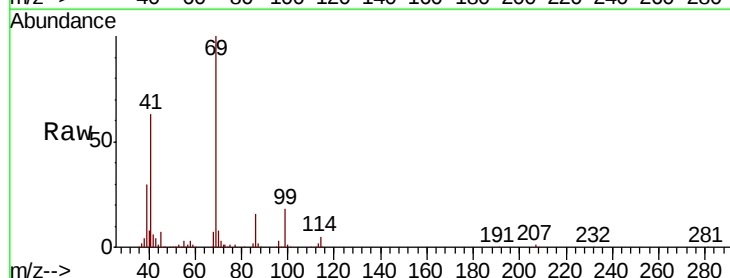
Manual Integrations
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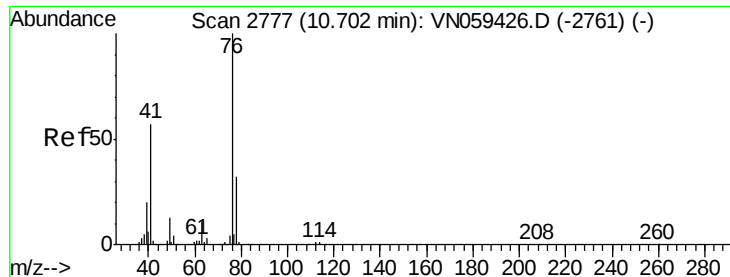
apatel
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#56
 Ethyl methacrylate
 Concen: 54.107 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059426.D
 Acq: 27 Nov 2019 16:07

Tgt Ion:	69	Resp:	271848
Ion	Ratio	Lower	Upper
69	100		
41	62.6	50.1	75.1
39	29.9	23.9	35.9





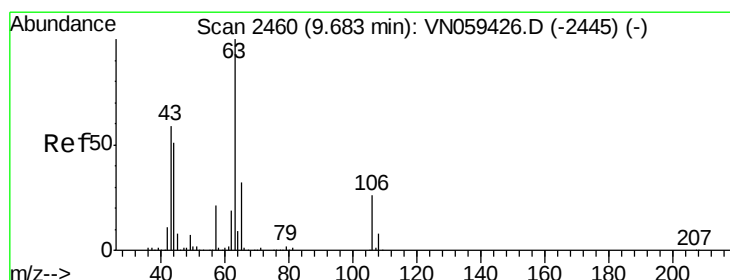
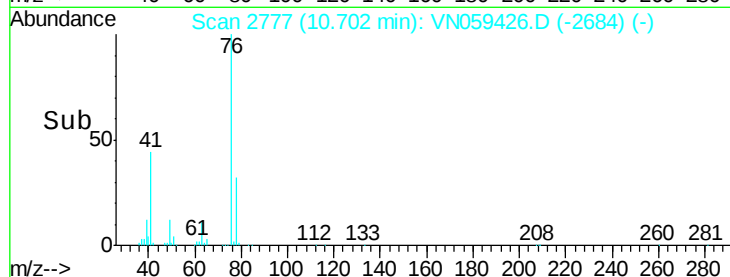
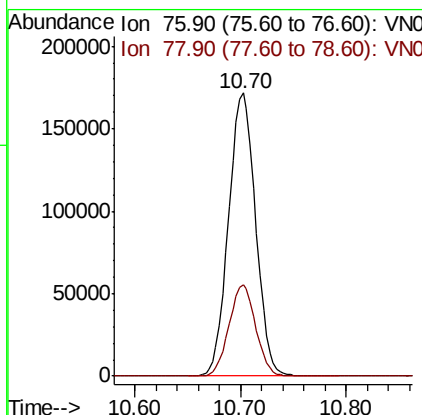
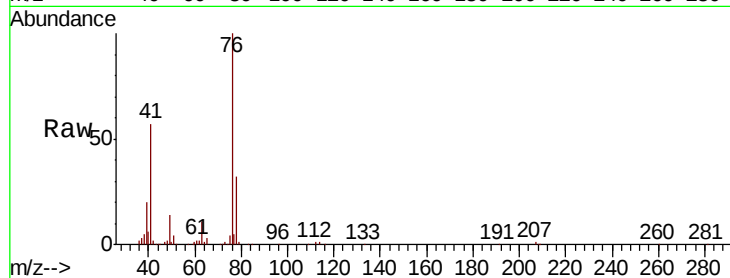
#57
 1,3-Dichloropropane
 Concen: 51.255 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN059426.D
 Acq: 27 Nov 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3

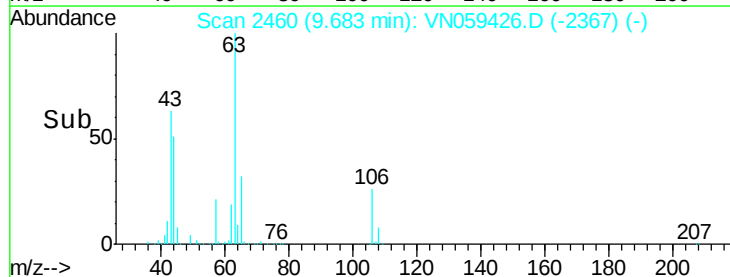
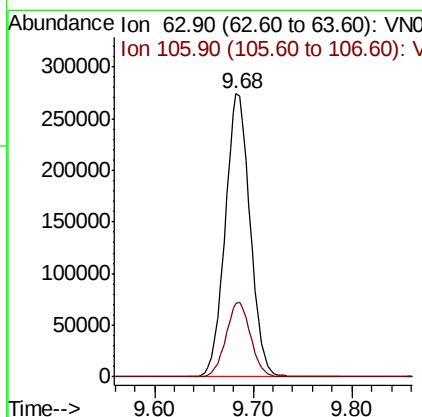
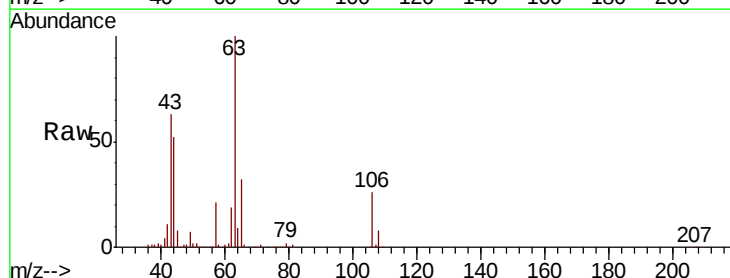
Manual Integrations
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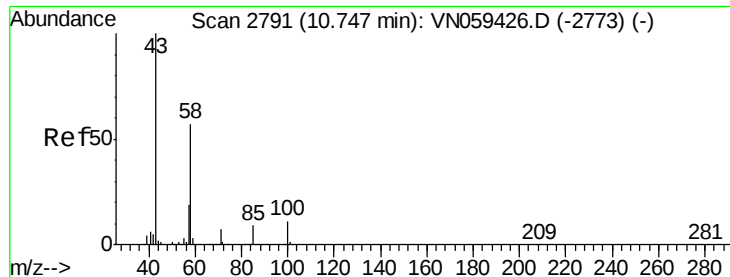
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 328.397 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: VN059426.D
 Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.1	20.9	31.3





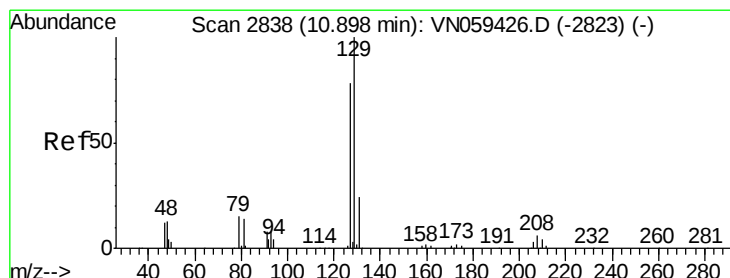
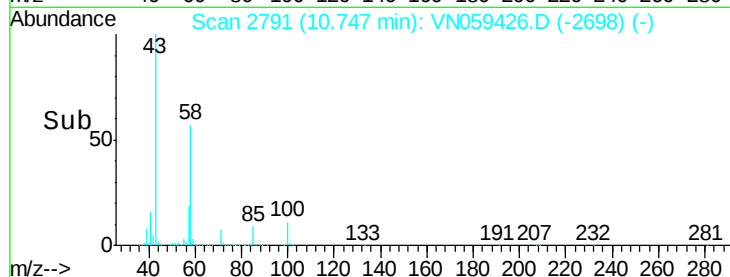
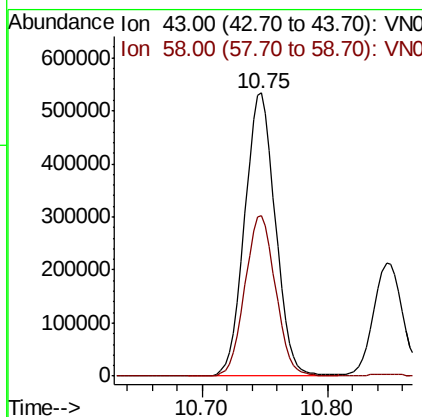
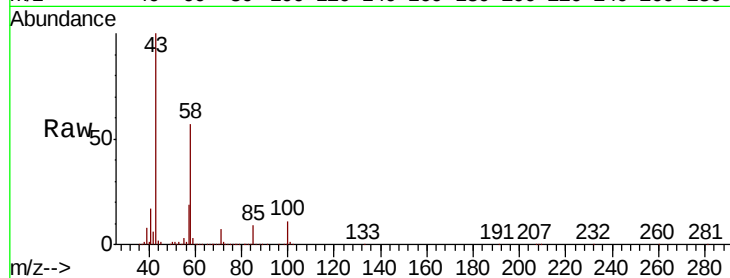
#59
2-Hexanone
Concen: 264.467 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 907028
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0

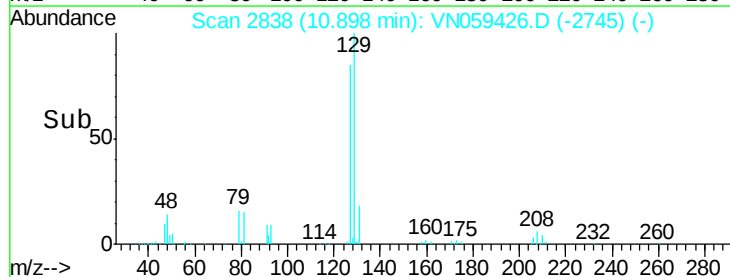
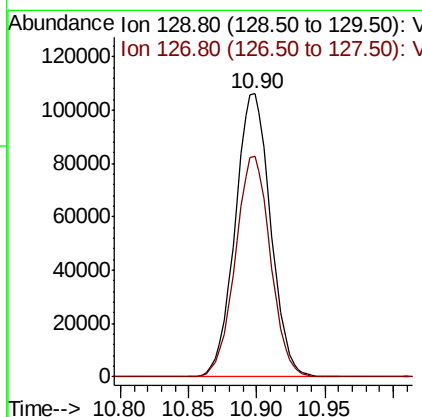
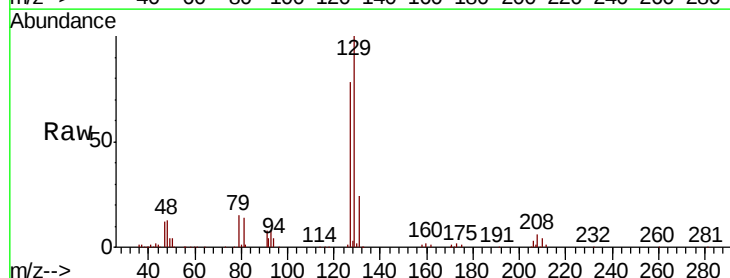
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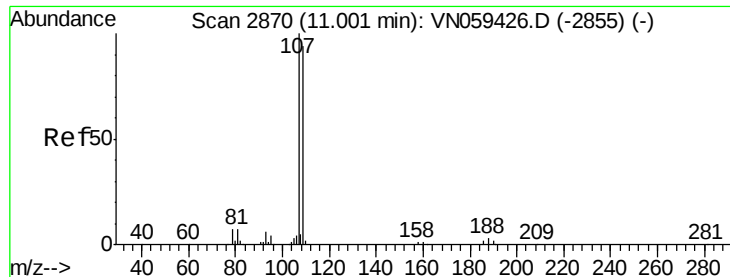
apatel
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#60
Dibromochloromethane
Concen: 53.166 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion: 129 Resp: 191160
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





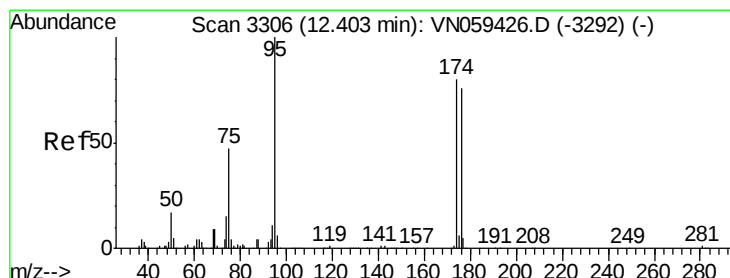
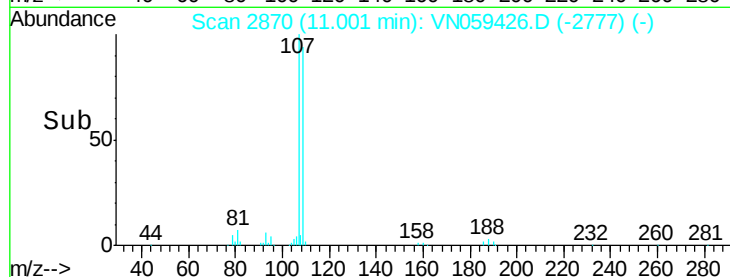
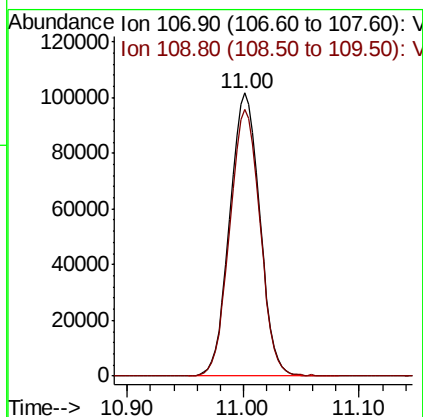
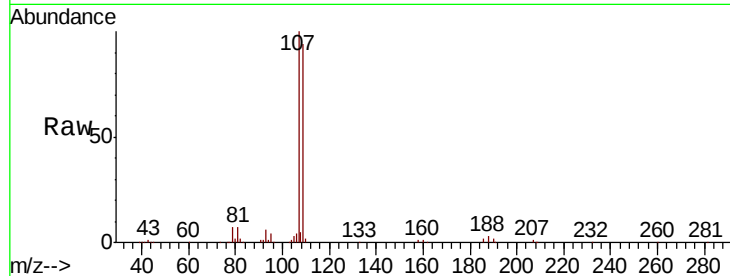
#61
 1,2-Dibromoethane
 Concen: 51.559 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059426.D
 Acq: 27 Nov 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.8	113.8

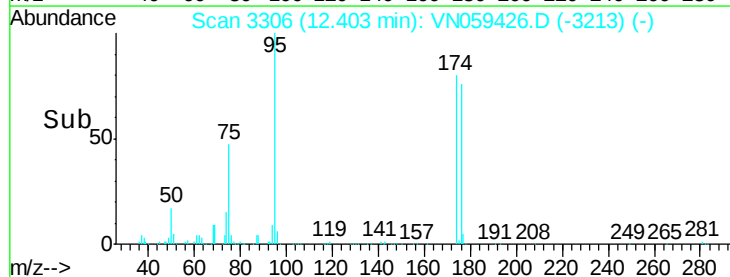
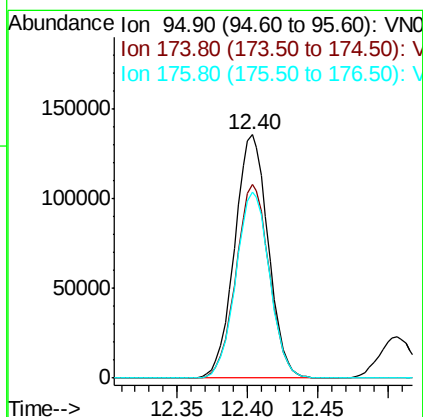
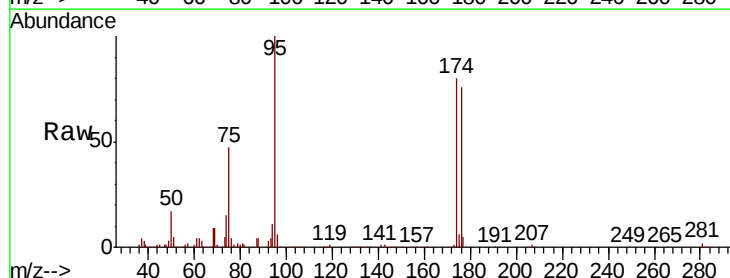
Manual Integrations
 APPROVED

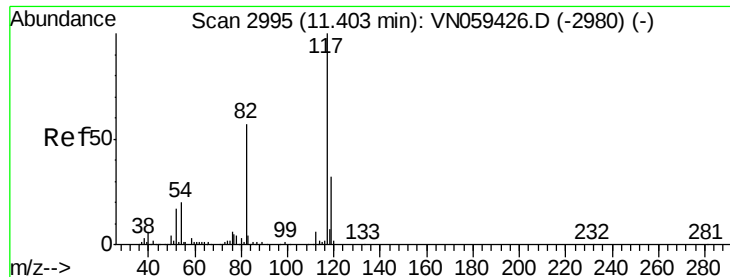
apatel
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#62
 4-Bromofluorobenzene
 Concen: 51.971 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059426.D
 Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	158.0
176	76.5	0.0	153.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

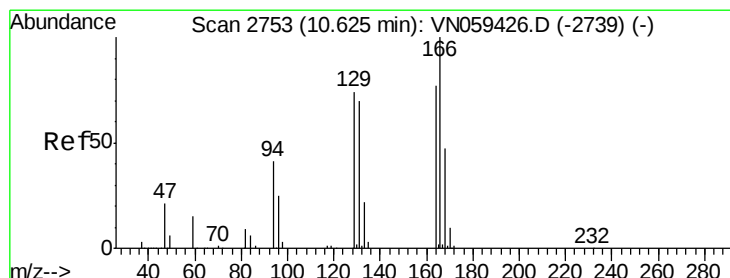
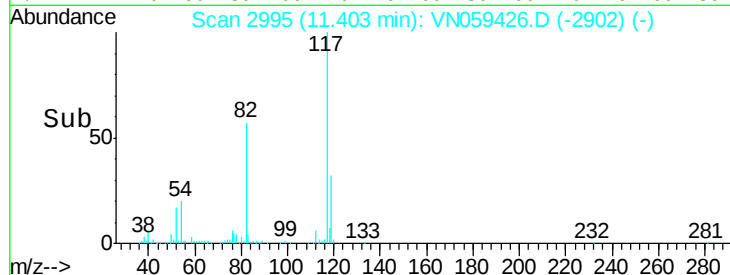
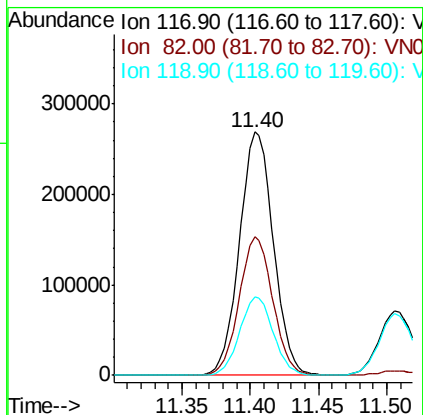
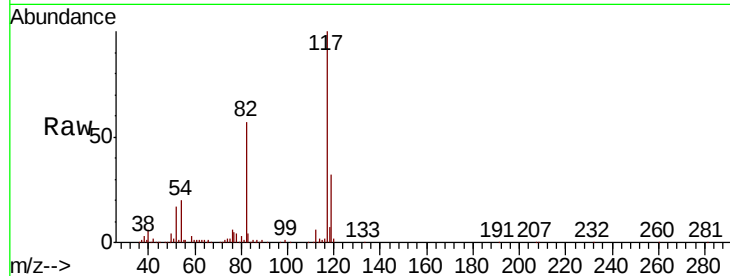
ClientSampleId :

VSTDICCC050

Tot Ion:	117	Resp:	464423
Ion Ratio	Lower	Upper	
117	100		
82	56.7	45.4	68.0
119	32.0	25.6	38.4

Manual Integrations
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#64

Tetrachloroethene

Concen: 51.448 ug/l

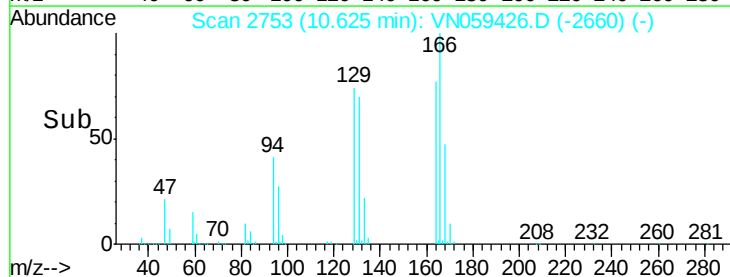
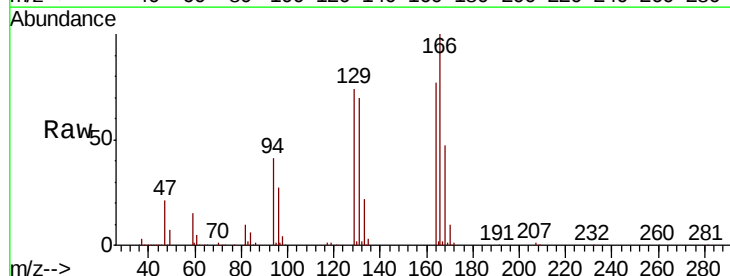
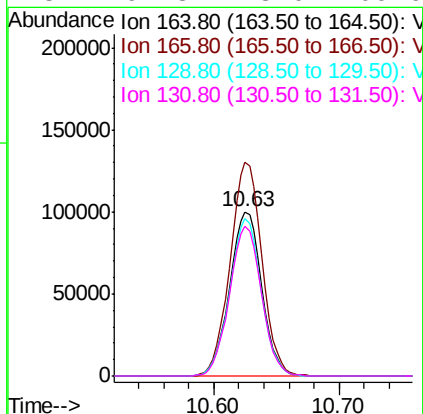
RT: 10.63 min Scan# 2753

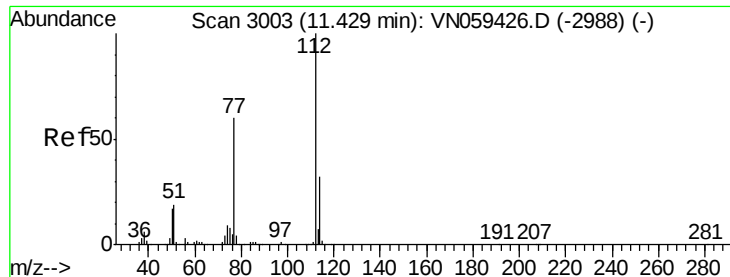
Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Tgt Ion:	164	Resp:	176731
Ion Ratio	Lower	Upper	
164	100		
166	130.3	104.2	156.4
129	96.0	76.8	115.2
131	91.3	73.0	109.6





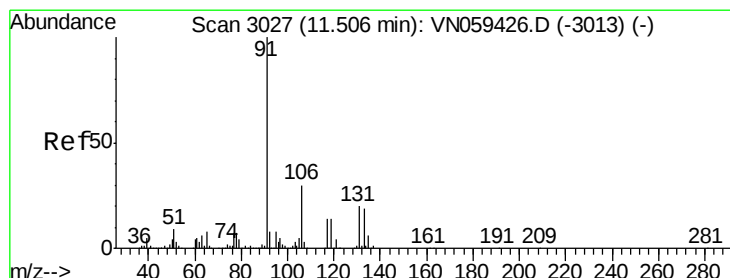
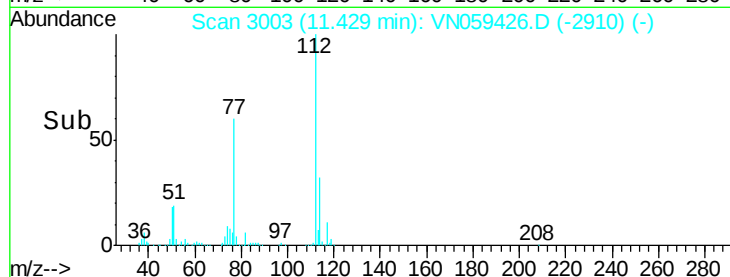
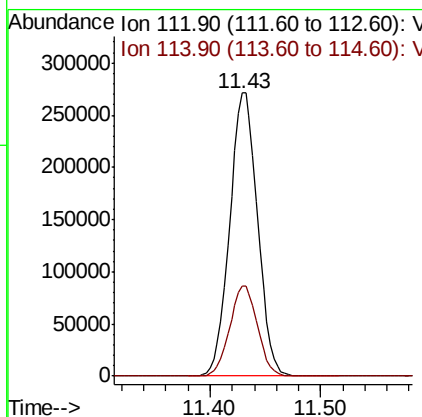
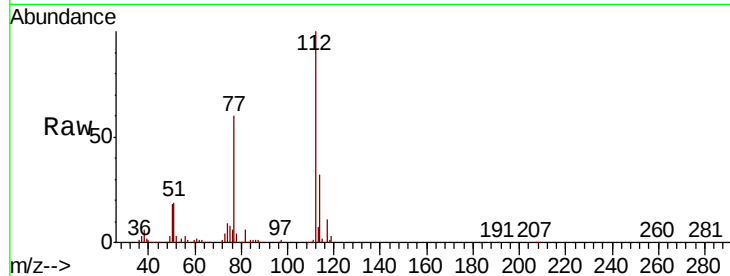
#65
Chlorobenzene
Concen: 50.537 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 475147
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

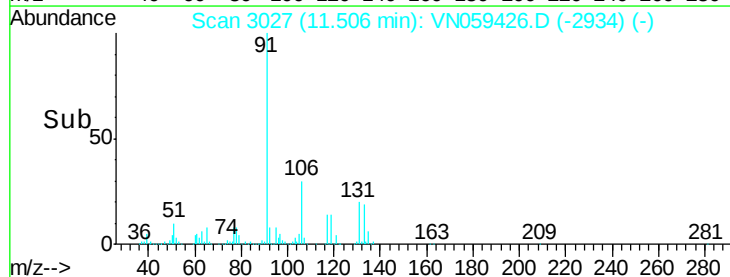
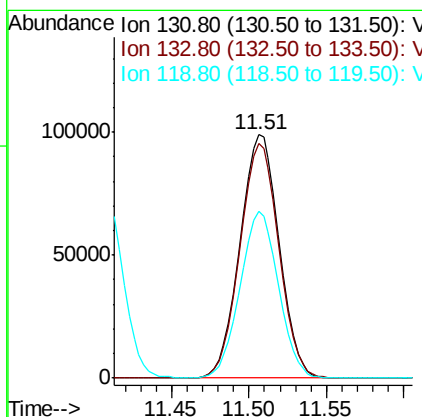
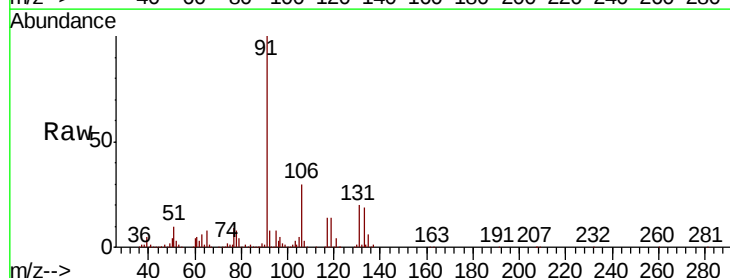
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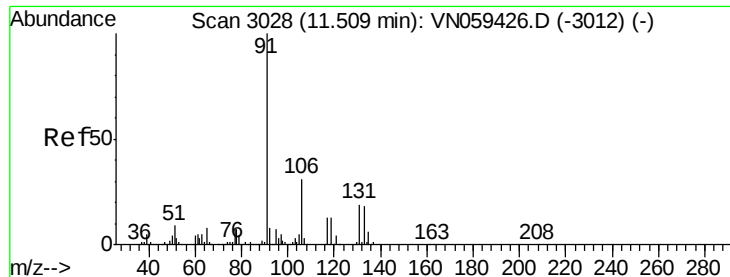
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.057 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion:131 Resp: 174083
Ion Ratio Lower Upper
131 100
133 96.4 48.2 144.6
119 67.5 33.8 101.3





#67

Ethyl Benzene

Concen: 52.134 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 860955

Ion Ratio Lower Upper

91 100

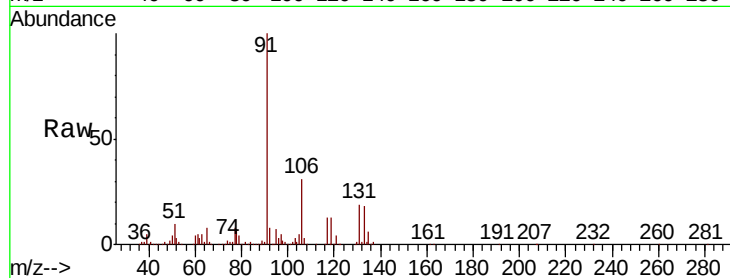
106 30.9 24.7 37.1

Manual Integrations

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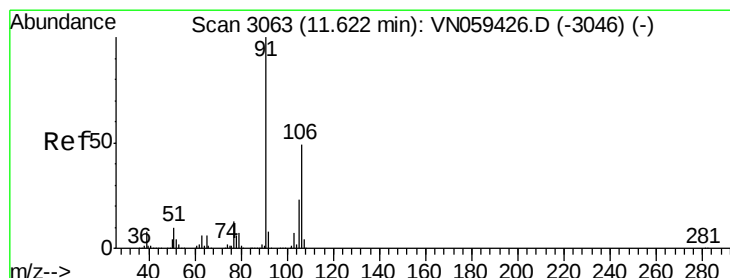
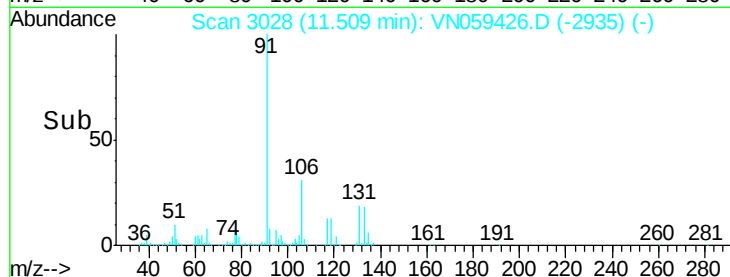
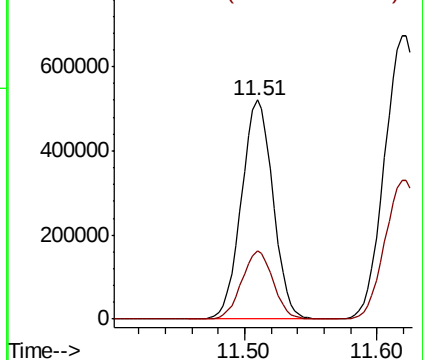
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VN059426.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN059426.D (-3012) (-)



#68

m/p-Xylenes

Concen: 104.249 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN059426.D

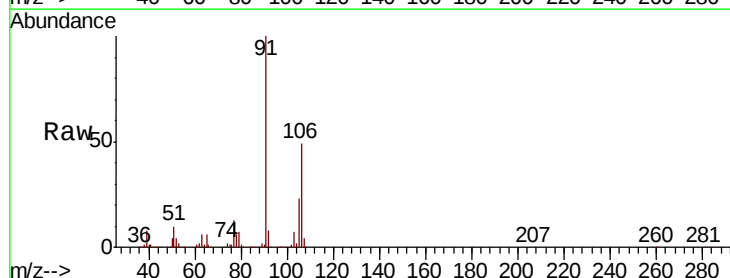
Acq: 27 Nov 2019 16:07

Tgt Ion: 106 Resp: 642779

Ion Ratio Lower Upper

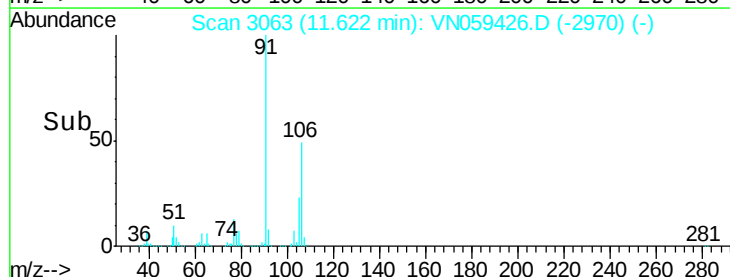
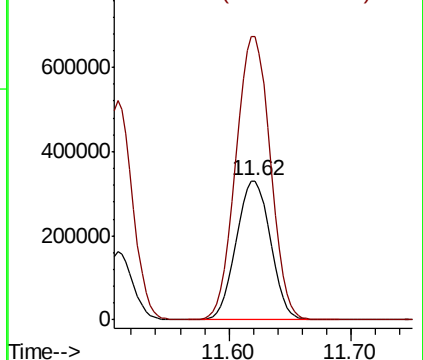
106 100

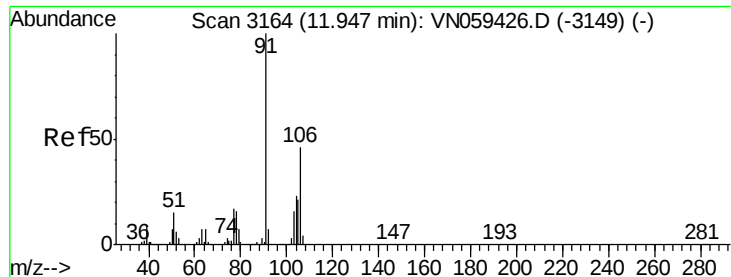
91 204.6 163.7 245.5



Abundance Ion 106.00 (105.70 to 106.70): VN059426.D (-3046) (-)

Ion 91.00 (90.70 to 91.70): VN059426.D (-3046) (-)





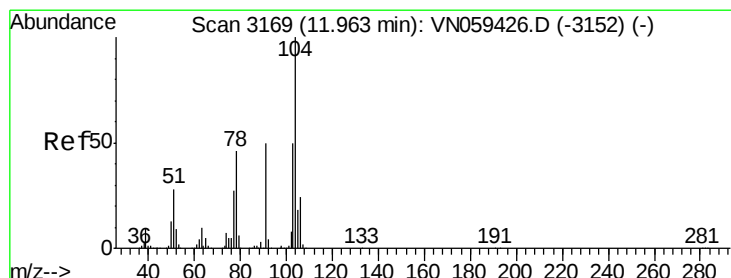
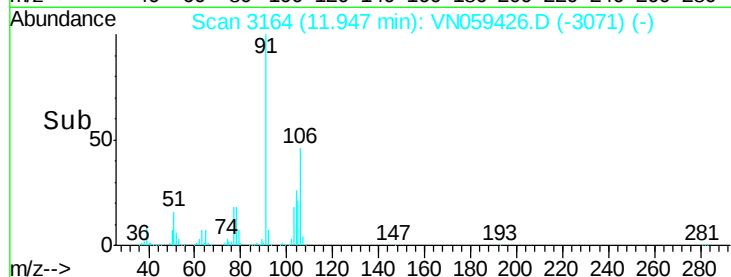
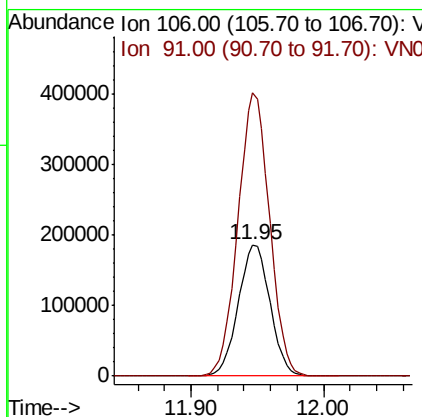
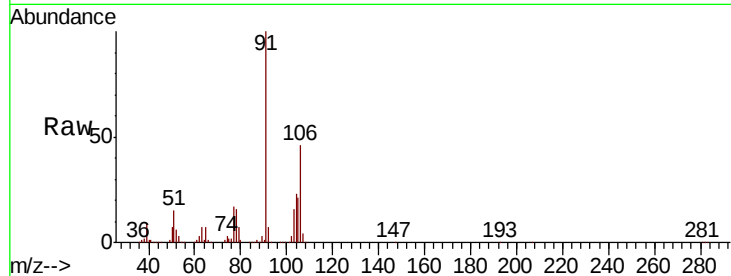
#69
o-Xylene
Concen: 52.313 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.9	107.5	322.4

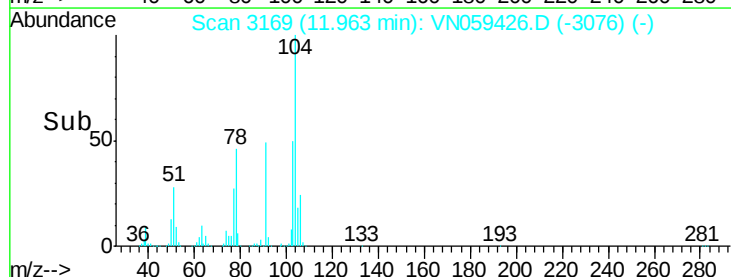
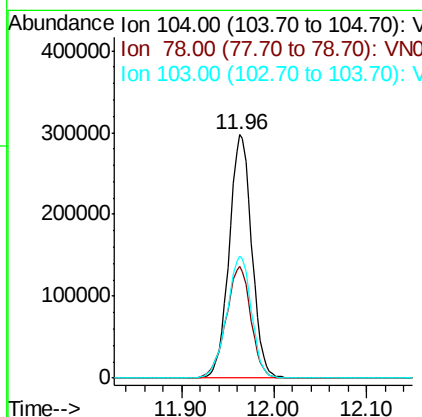
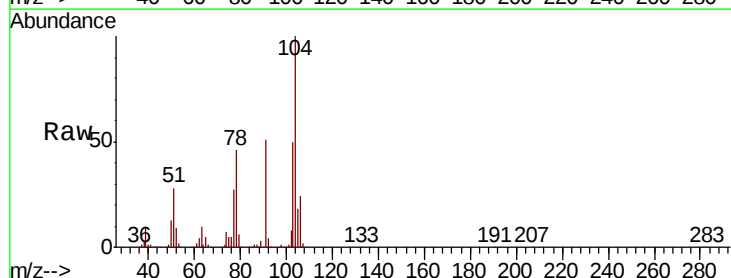
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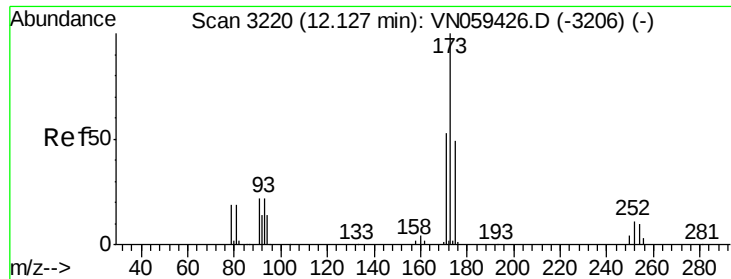
apatel
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#70
Styrene
Concen: 54.174 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.5	40.4	60.6
103	54.7	43.8	65.6





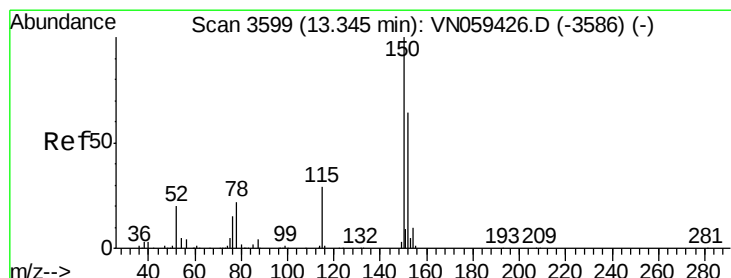
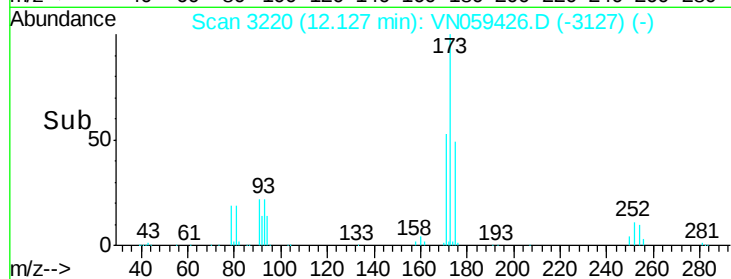
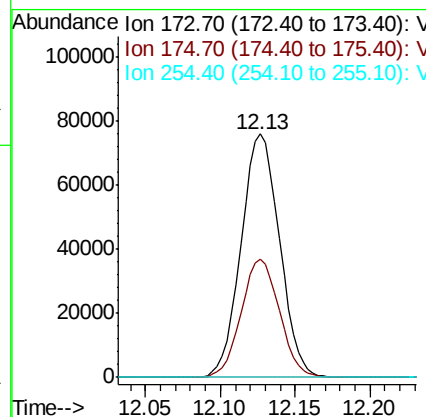
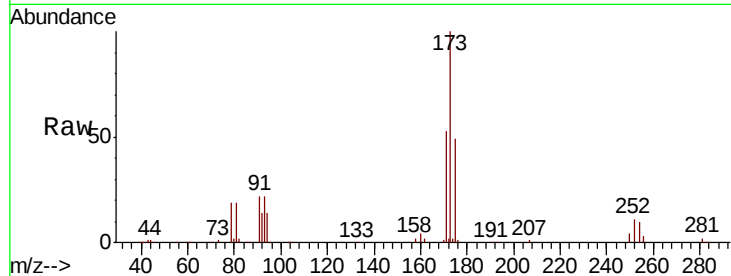
#71
Bromoform
Concen: 52.343 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.1	72.3
254	0.0	0.0	0.0

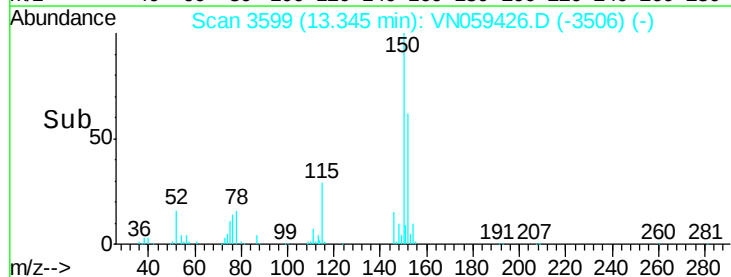
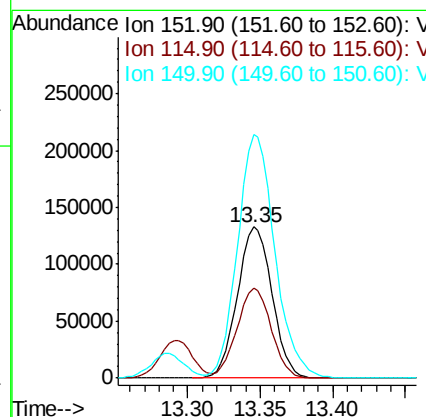
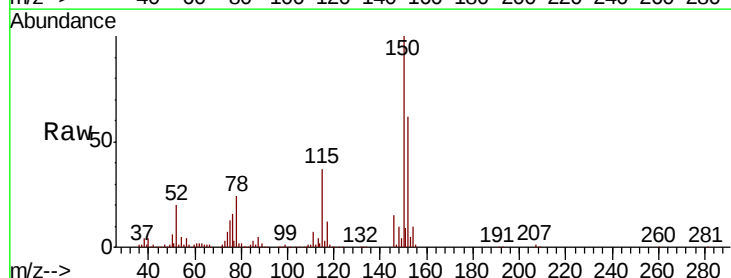
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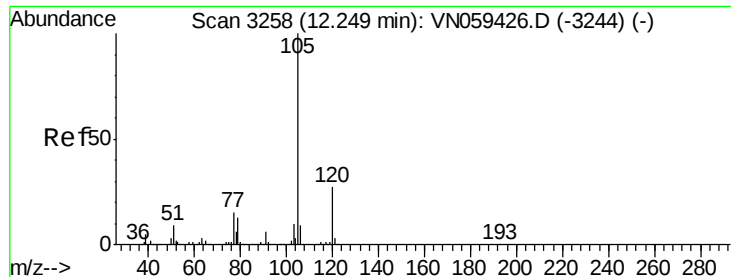
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.5	88.6
150	173.6	0.0	347.2





#73

Isopropylbenzene

Concen: 50.600 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 827944

Ion Ratio Lower Upper

105 100

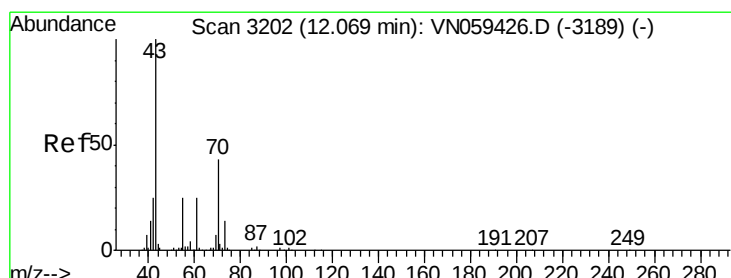
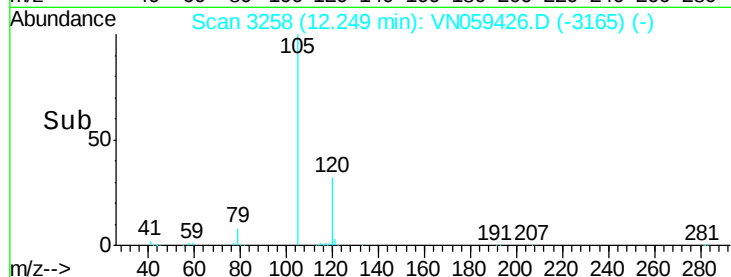
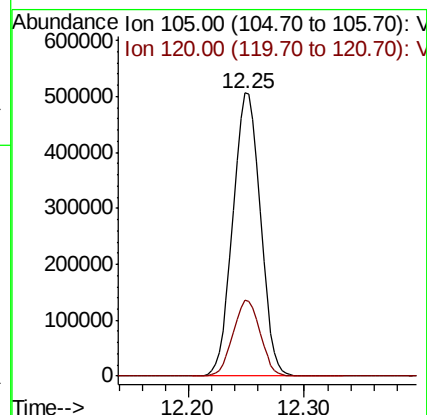
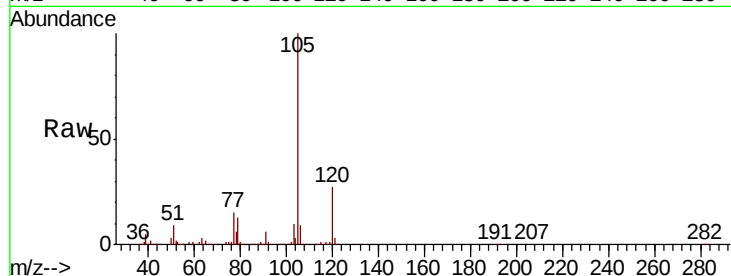
120 26.4 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 52.319 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Tgt Ion: 43 Resp: 321934

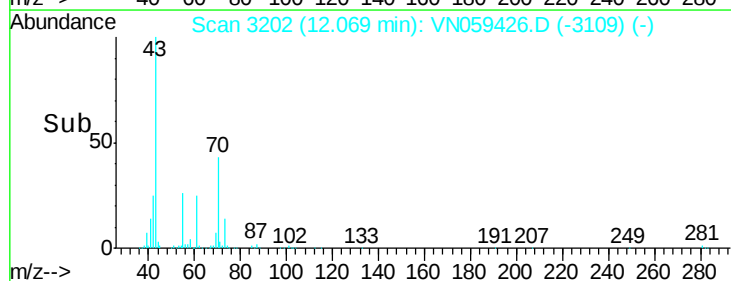
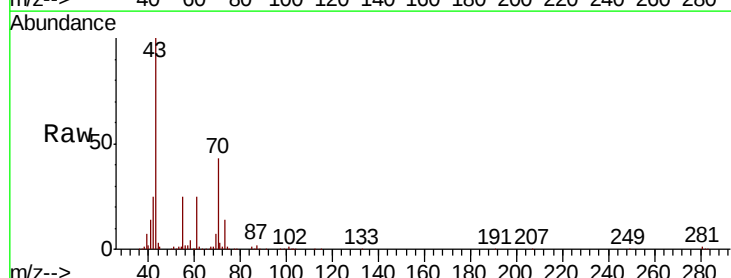
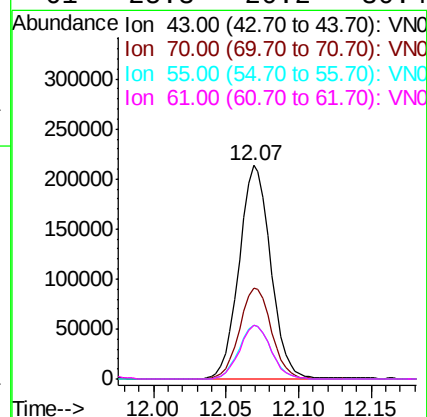
Ion Ratio Lower Upper

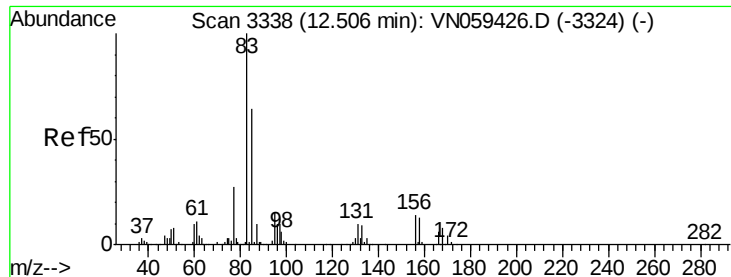
43 100

70 43.3 34.6 52.0

55 25.6 20.5 30.7

61 25.3 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.747 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

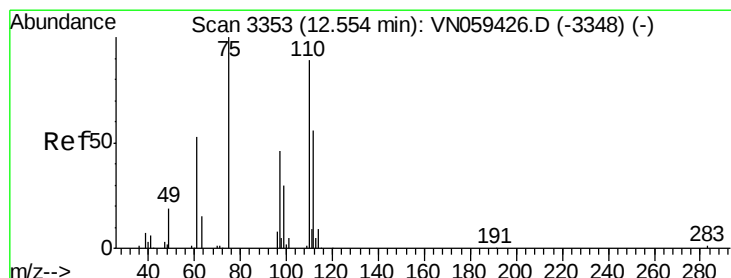
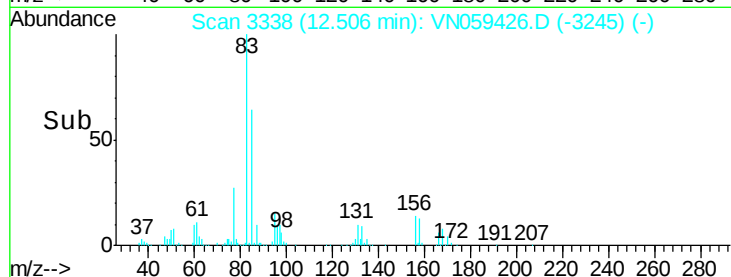
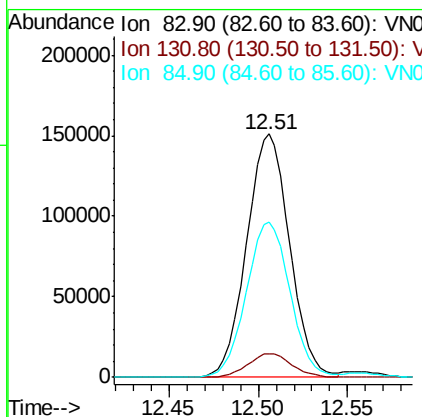
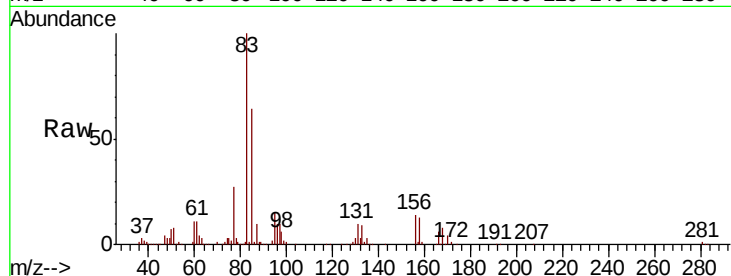
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	254776
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	15.0
85	64.6	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 45.655 ug/l m

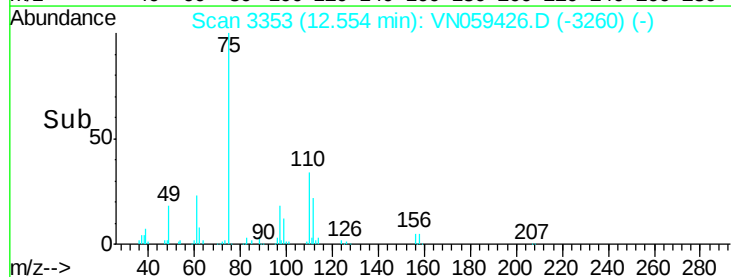
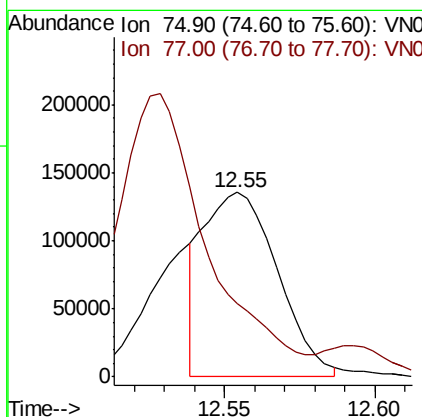
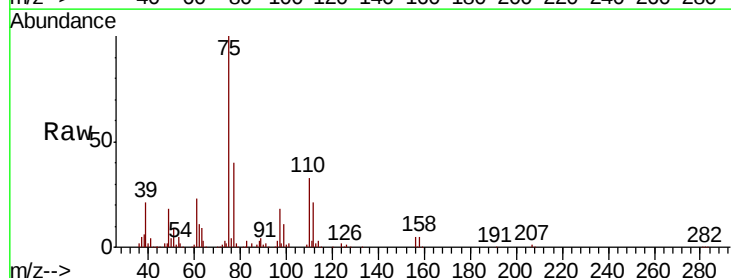
RT: 12.55 min Scan# 3353

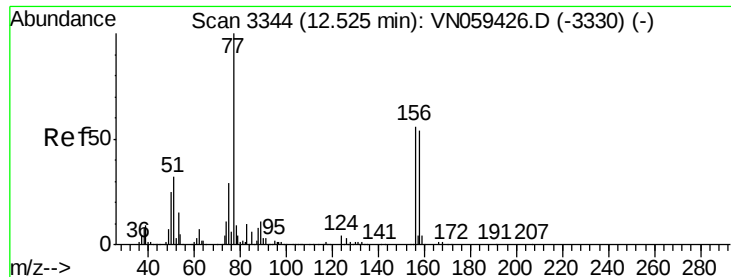
Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Tgt Ion:	75	Resp:	232939
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





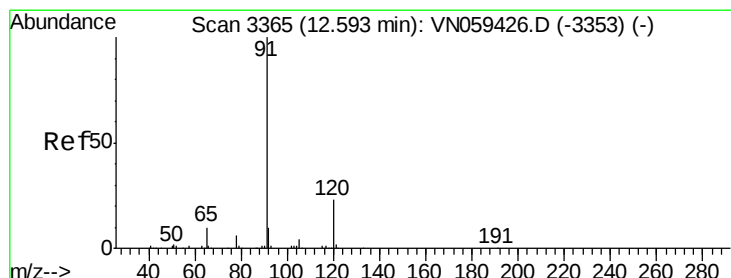
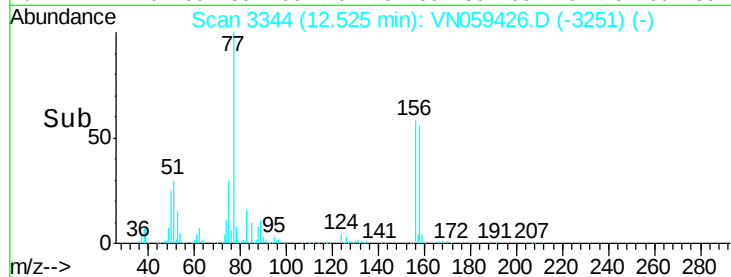
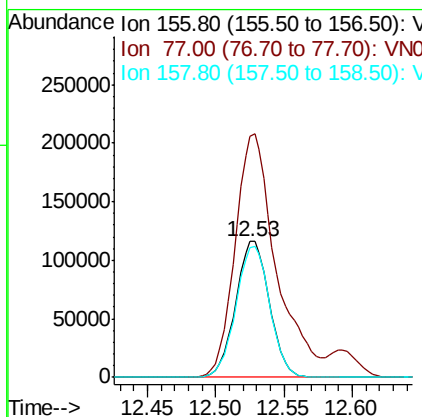
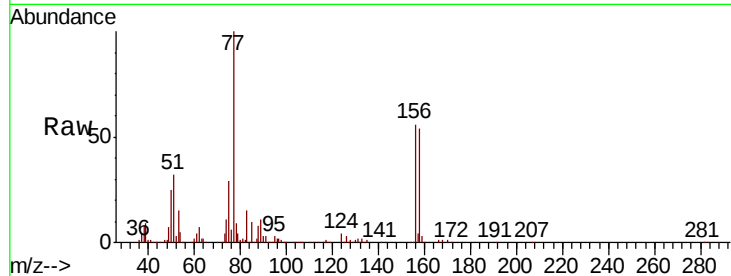
#77
Bromobenzene
Concen: 49.771 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	156	100		
77	77	217.5	108.7	326.3
158	158	96.6	48.3	144.9

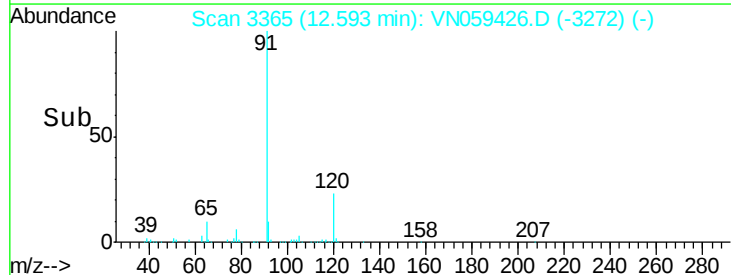
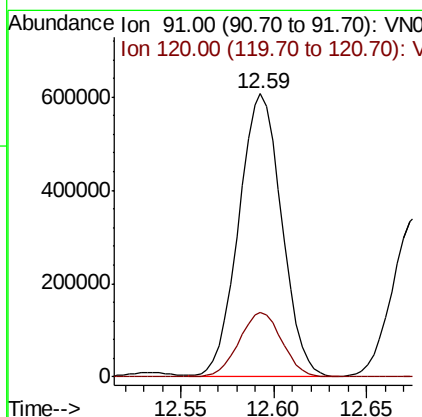
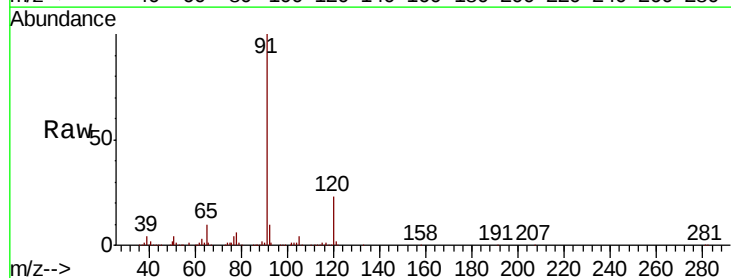
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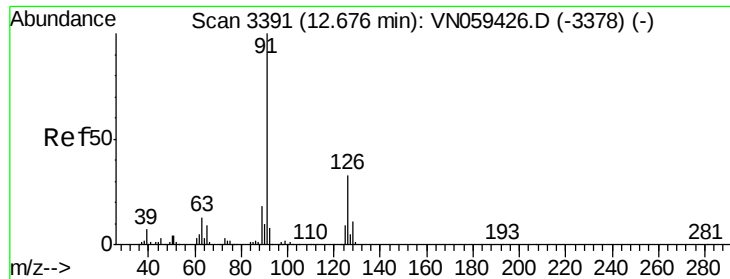
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#78
n-propylbenzene
Concen: 51.392 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion	Ion	Ratio	Lower	Upper
91	91	100		
120	120	22.9	11.5	34.4





#79

2-Chlorotoluene

Concen: 50.103 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 564806

Ion Ratio Lower Upper

91 100

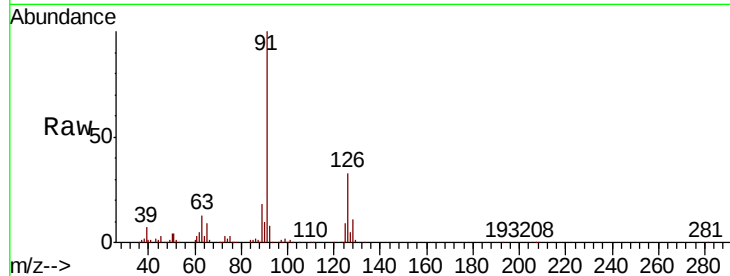
126 33.4 16.7 50.1

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Abundance Ion 91.00 (90.70 to 91.70): VN059426.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN059426.D (-3378) (-)

600000

400000

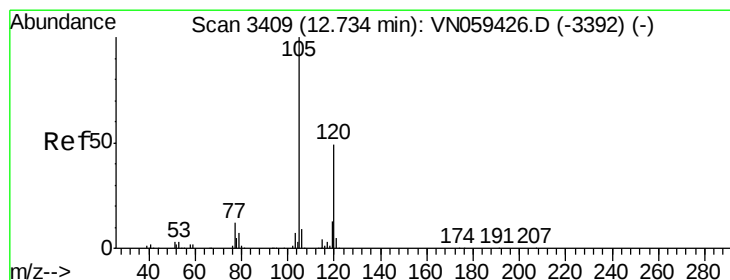
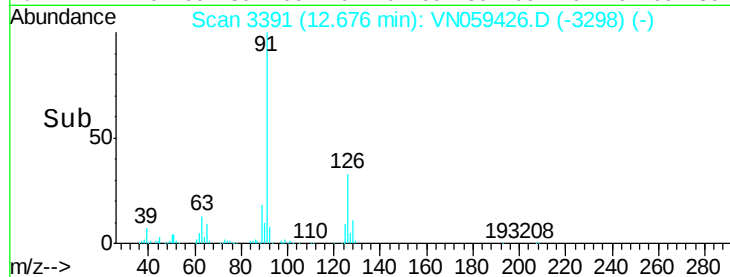
200000

0

12.68

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.020 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059426.D

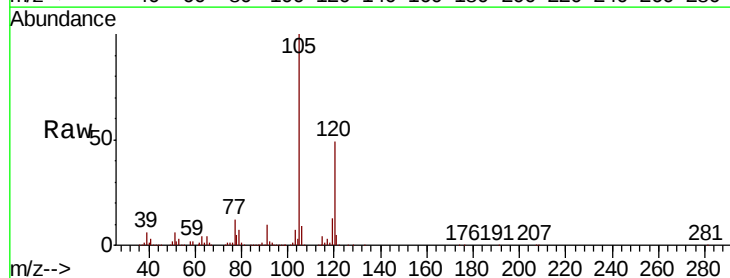
Acq: 27 Nov 2019 16:07

Tgt Ion: 105 Resp: 701736

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VN059426.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN059426.D (-3392) (-)

500000

400000

300000

200000

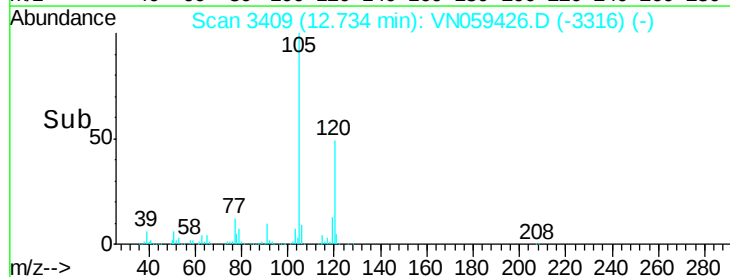
100000

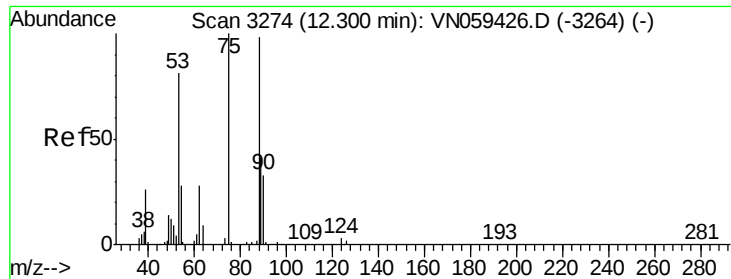
0

12.73

12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.922 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

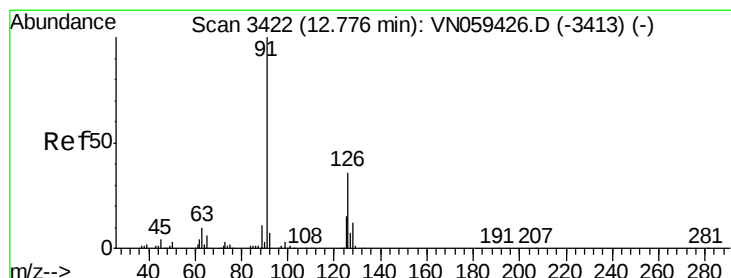
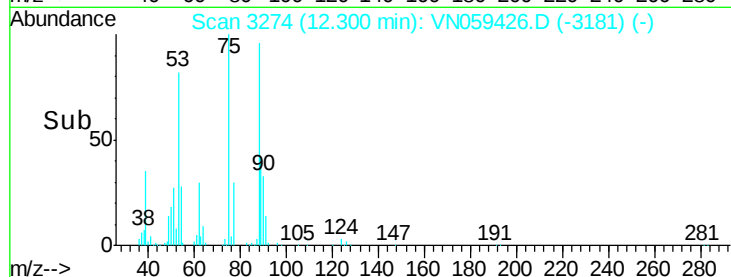
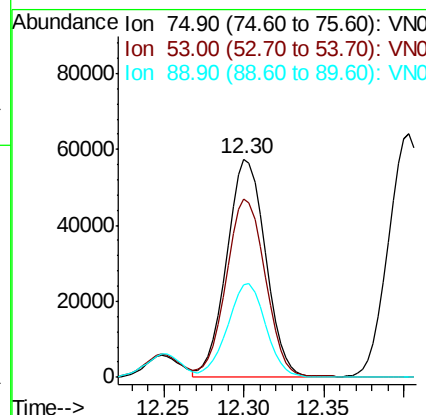
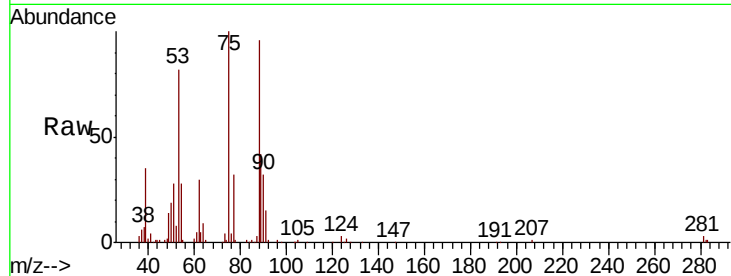
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	95135
Ion	Ratio	Lower	Upper
75	100		
53	82.8	66.2	99.4
89	42.4	33.9	50.9

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#82

4-Chlorotoluene

Concen: 50.006 ug/l

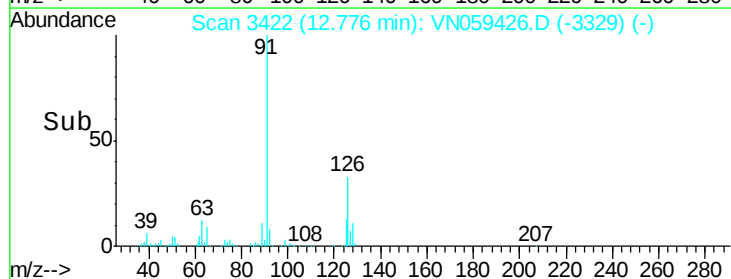
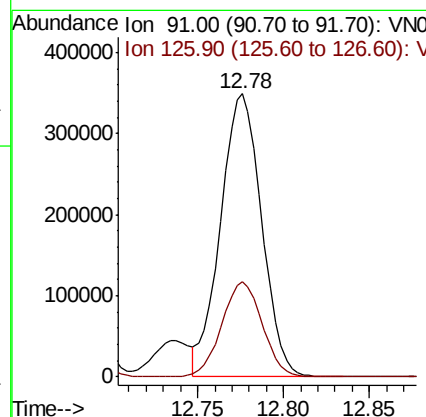
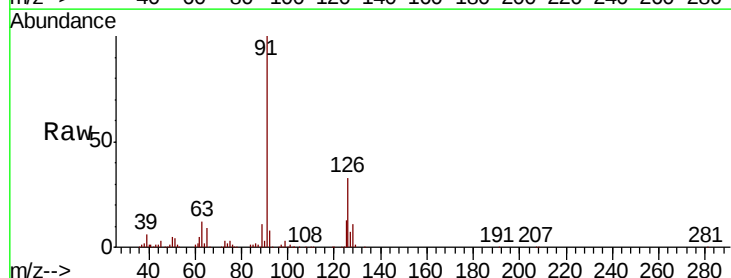
RT: 12.78 min Scan# 3422

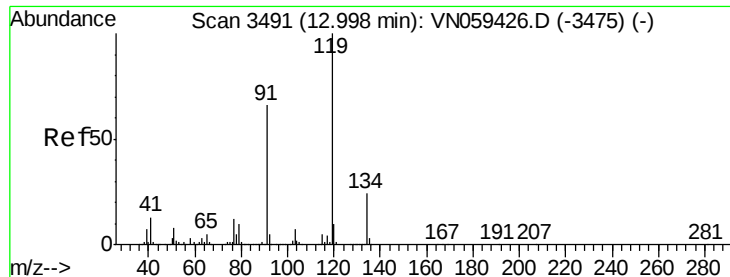
Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Tgt Ion:	91	Resp:	580572
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.7	50.0





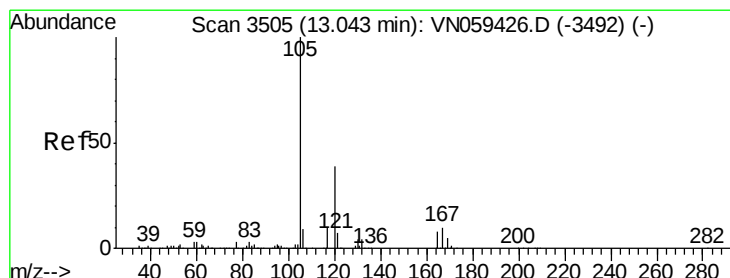
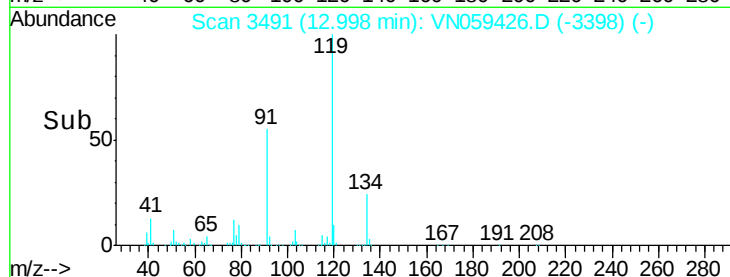
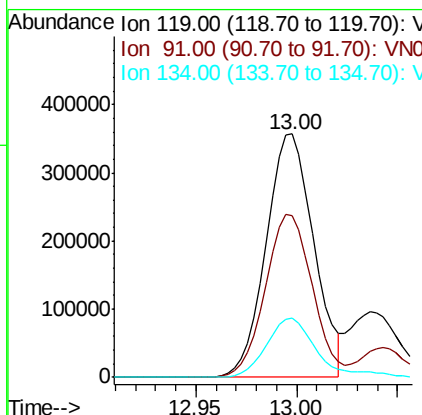
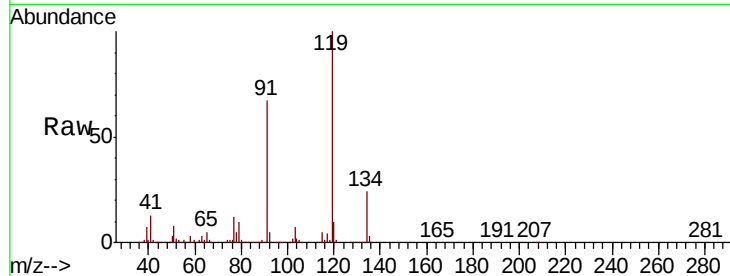
#83
tert-Butylbenzene
Concen: 49.724 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.6	32.8	98.4
134	25.7	12.9	38.6

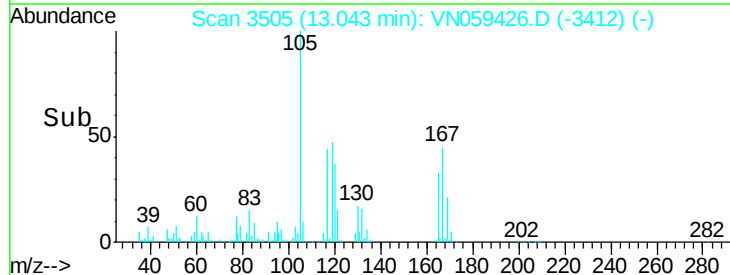
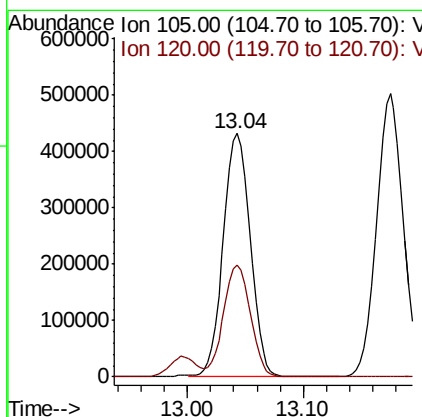
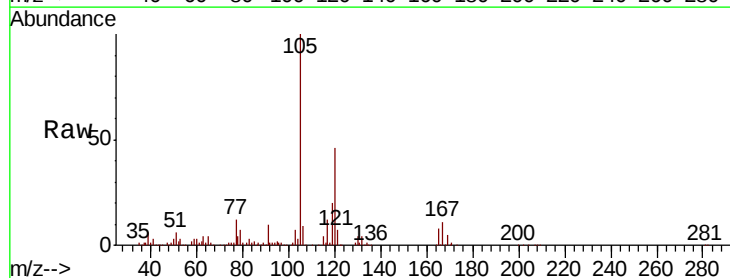
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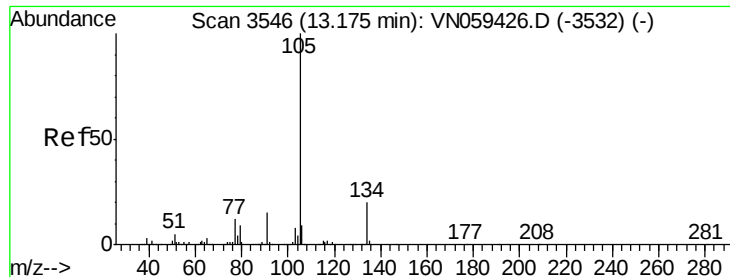
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#84
1,2,4-Trimethylbenzene
Concen: 51.685 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.7





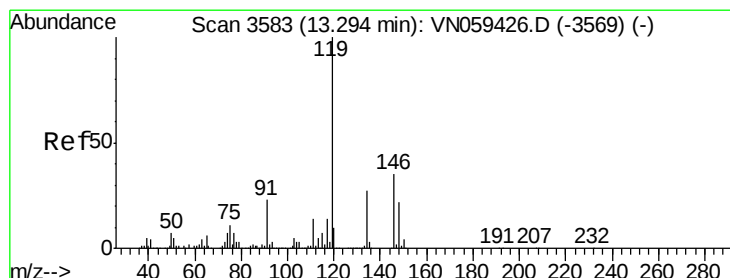
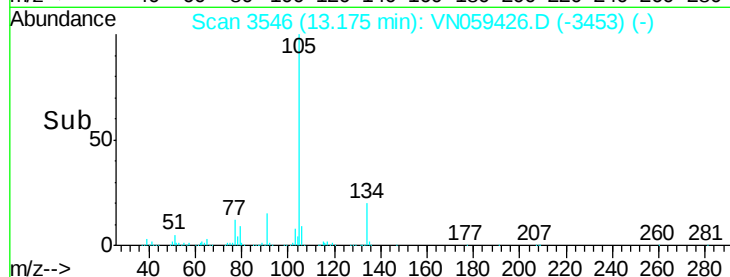
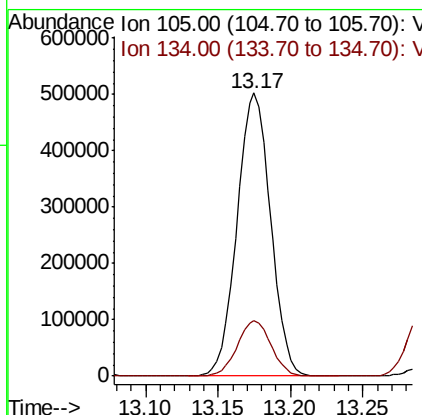
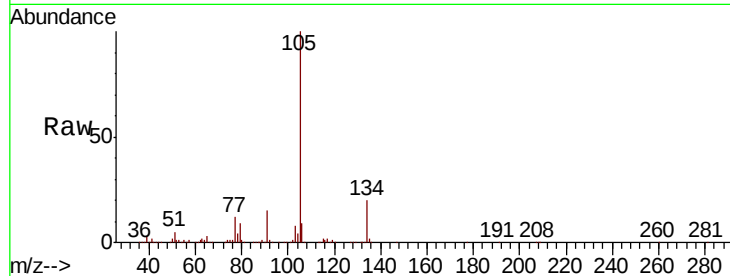
#85
 sec-Butylbenzene
 Concen: 51.275 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059426.D
 Acq: 27 Nov 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.9	29.7

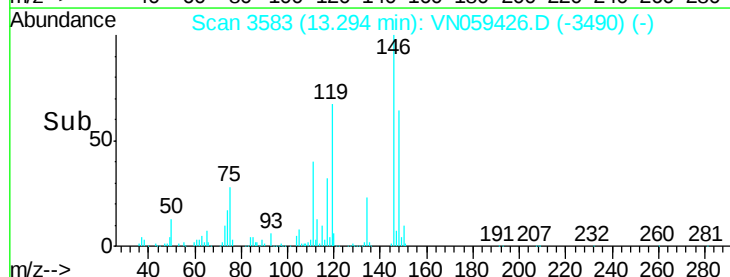
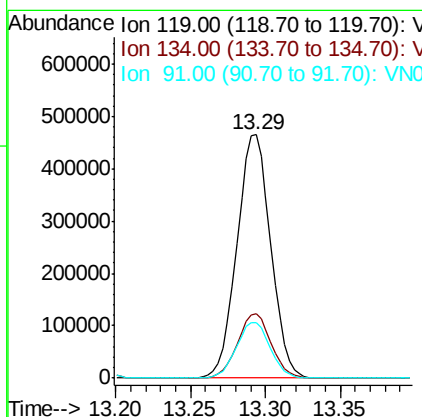
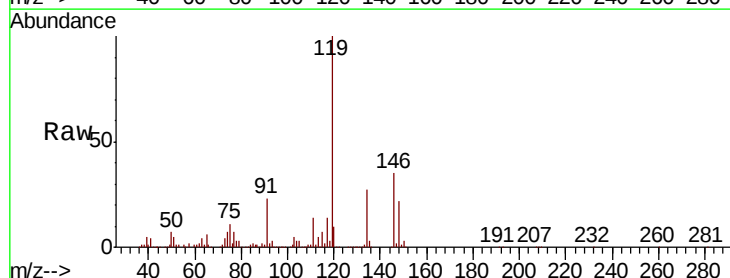
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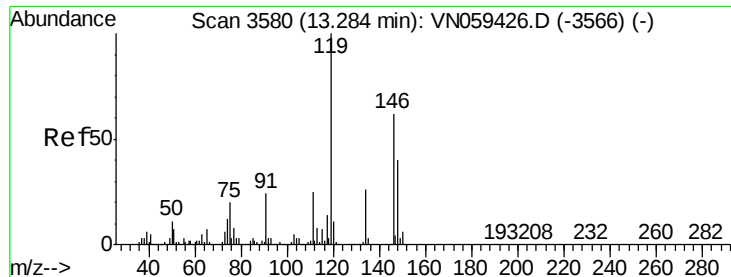
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#86
 p-Isopropyltoluene
 Concen: 51.287 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN059426.D
 Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.3	39.8
91	22.9	11.5	34.4





#87

1,3-Dichlorobenzene

Concen: 50.017 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

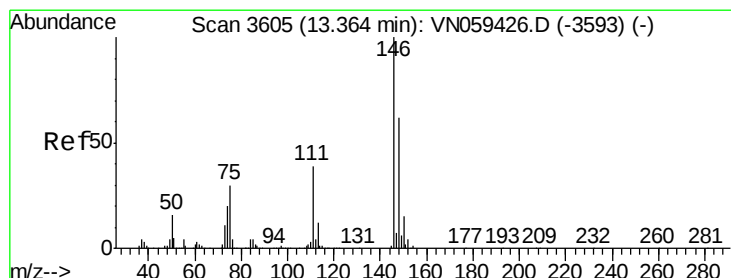
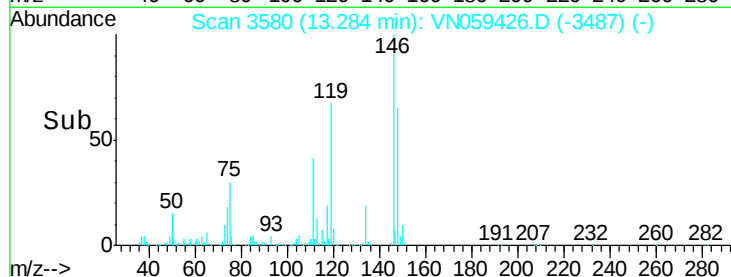
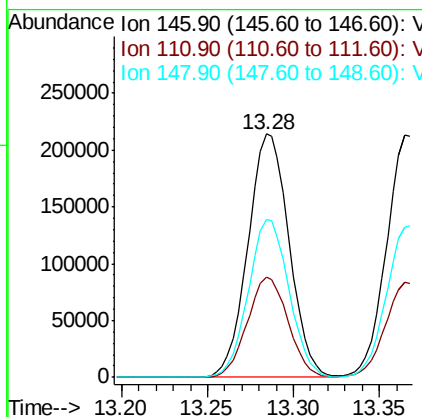
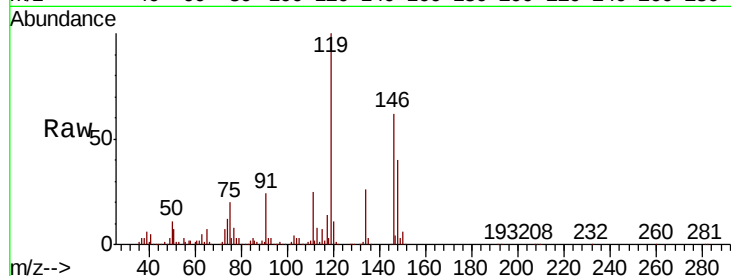
ClientSampled :

VSTDICCC050

Tot Ion:	146	Resp:	355092
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.4	61.2
148	64.2	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 49.327 ug/l

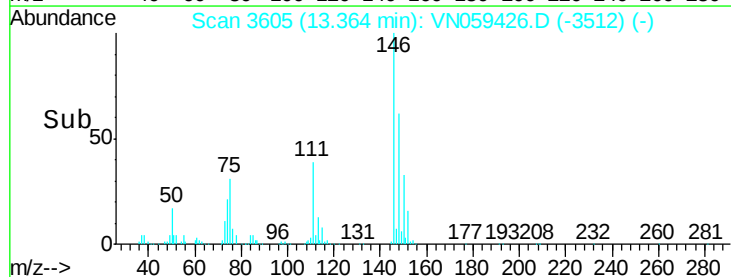
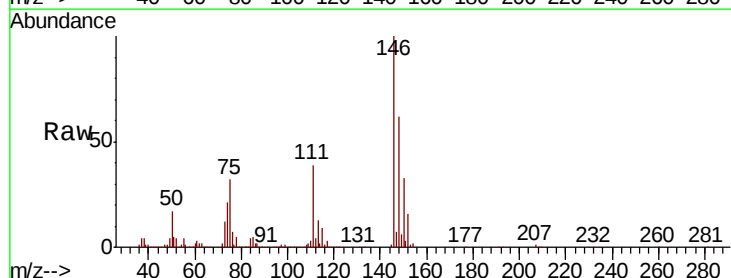
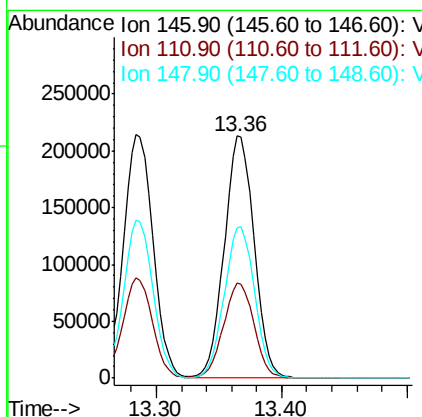
RT: 13.36 min Scan# 3605

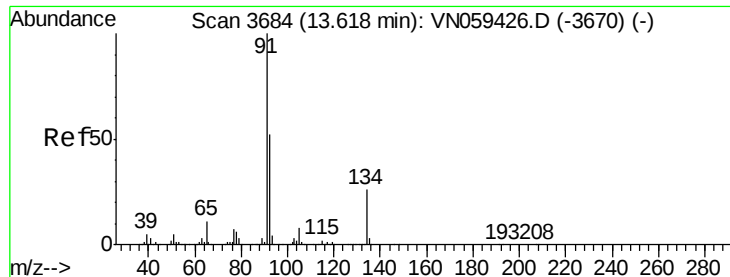
Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Tgt Ion:	146	Resp:	351585
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.9	59.7
148	63.3	31.6	95.0





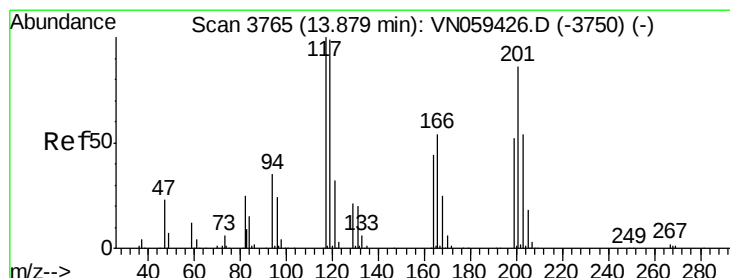
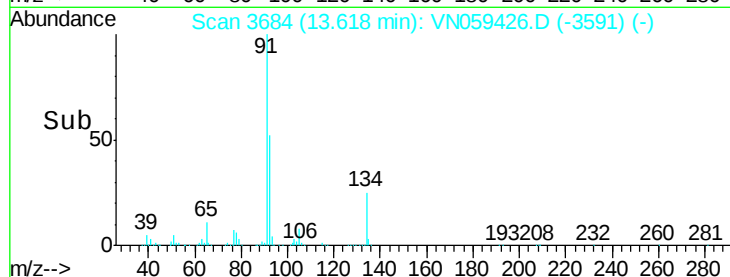
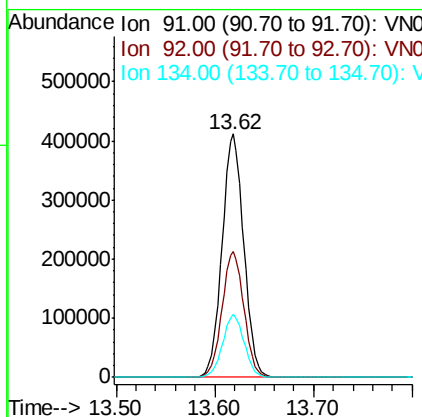
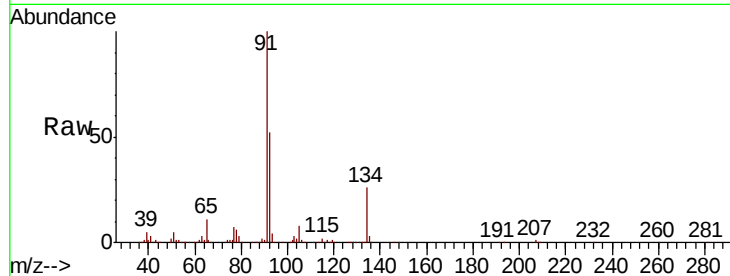
#89
n-Butylbenzene
Concen: 51.404 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.8
134	25.6	12.8	38.4

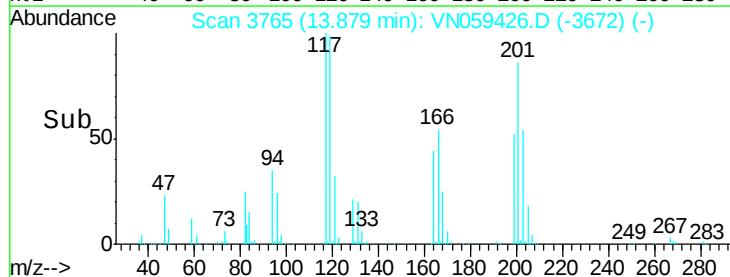
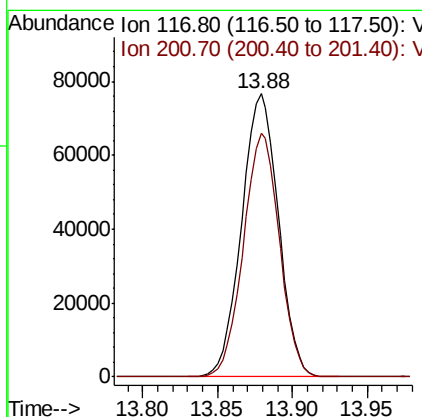
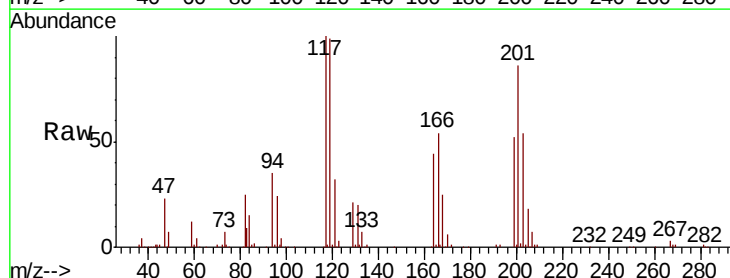
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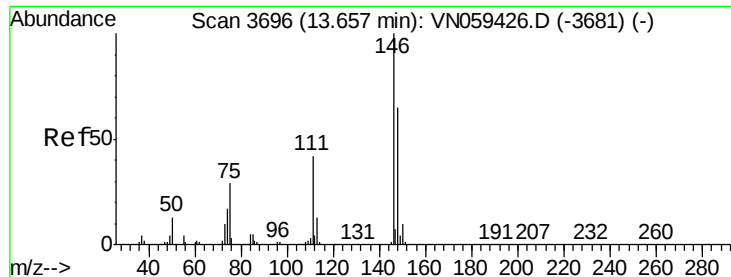
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#90
Hexachloroethane
Concen: 48.451 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.3	42.1	126.4





#91

1,2-Dichlorobenzene

Concen: 49.527 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Instrument :

MSVOA_N

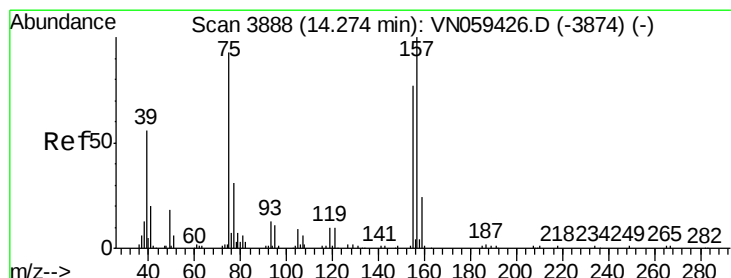
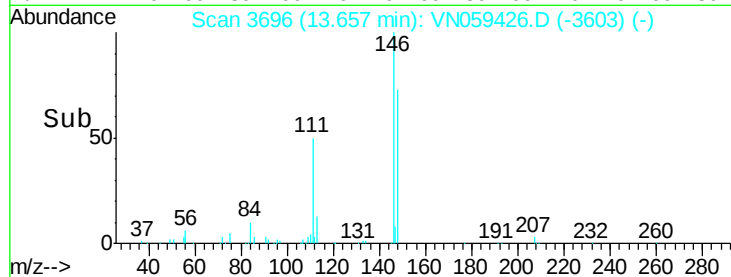
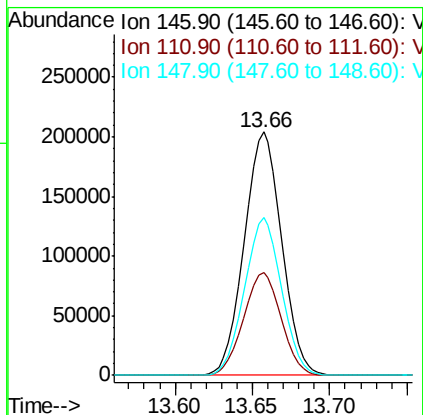
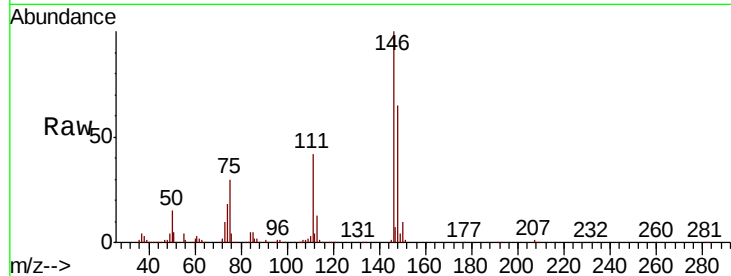
ClientSampled :

VSTDICCC050

Tot Ion:	146	Resp:	344531
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.3	63.7
148	64.1	32.0	96.2

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 41.090 ug/l

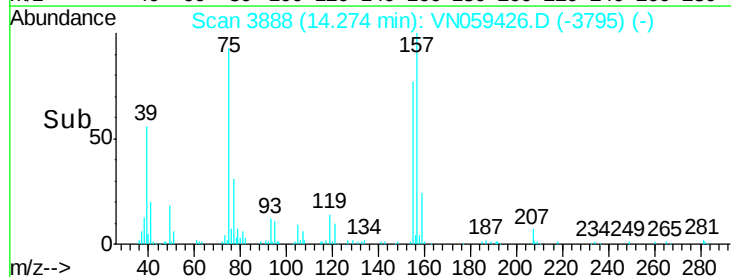
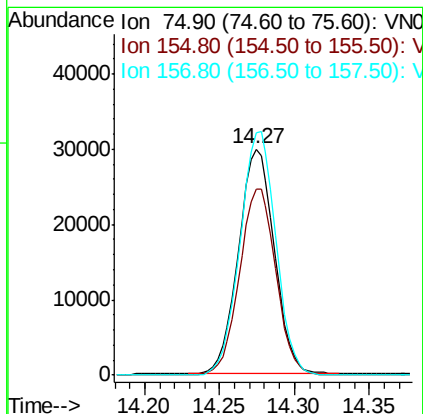
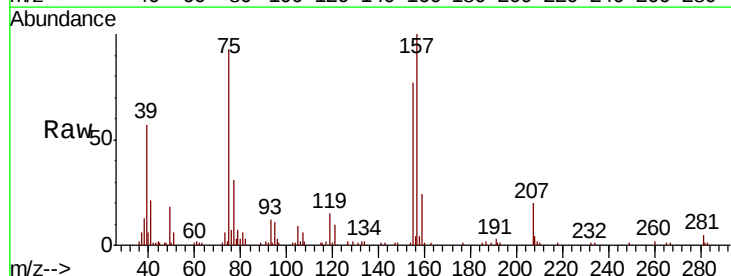
RT: 14.27 min Scan# 3888

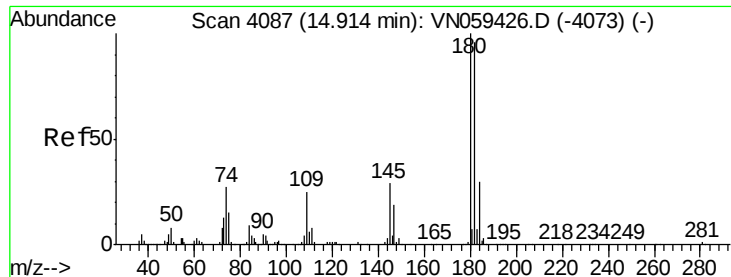
Delta R.T. 0.00 min

Lab File: VN059426.D

Acq: 27 Nov 2019 16:07

Tgt Ion:	75	Resp:	49792
Ion Ratio	Lower	Upper	
75	100		
155	83.9	41.9	125.8
157	108.2	54.1	162.3





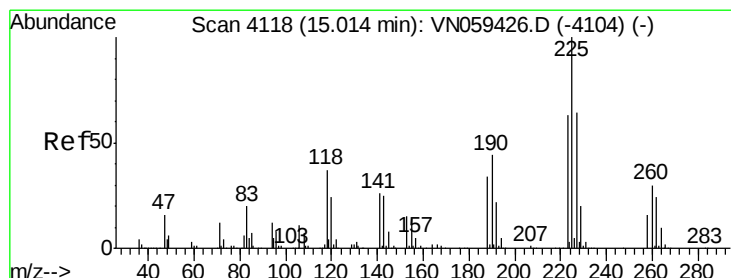
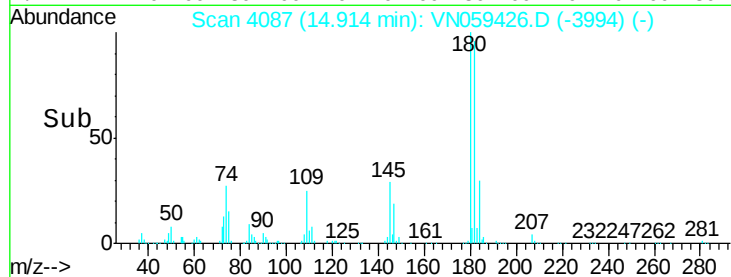
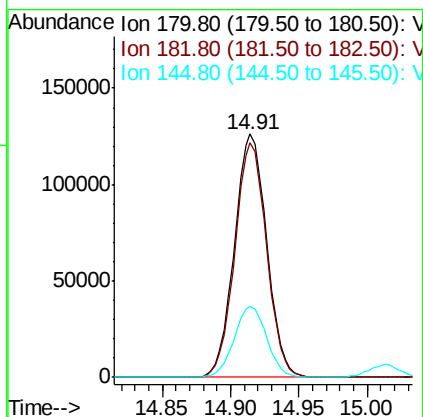
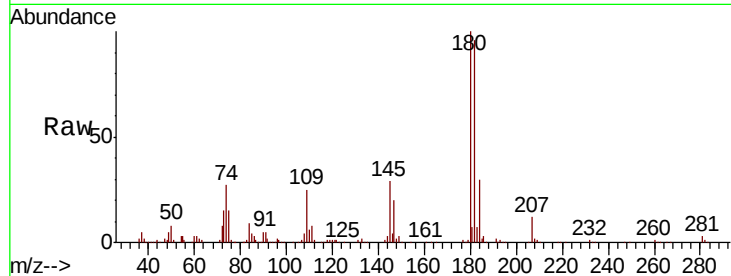
#93
 1,2,4-Trichlorobenzene
 Concen: 47.961 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059426.D
 Acq: 27 Nov 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	207391		
182	94.7	47.3	142.0	
145	29.6	14.8	44.4	

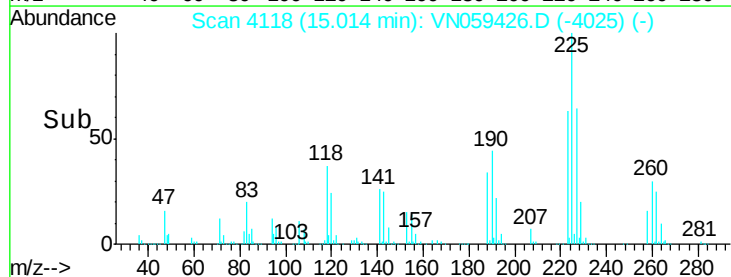
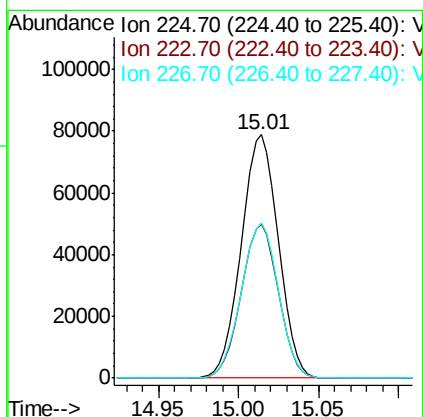
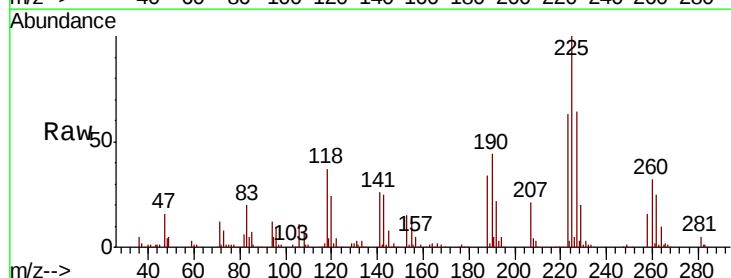
Manual Integrations
 APPROVED

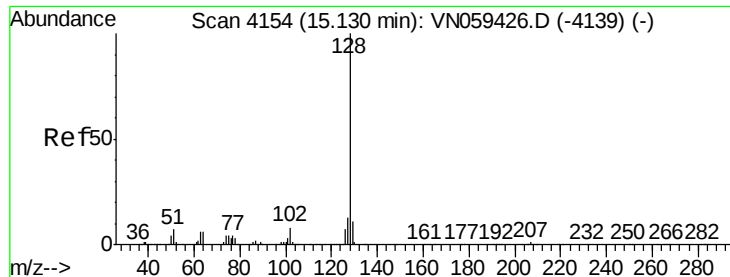
apatel
 12/2/2019 10:09:04 AM



#94
 Hexachlorobutadiene
 Concen: 46.993 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059426.D
 Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	124534		
223	63.0	31.5	94.5	
227	63.8	31.9	95.7	





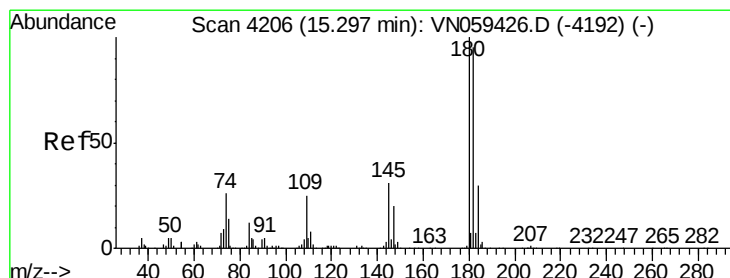
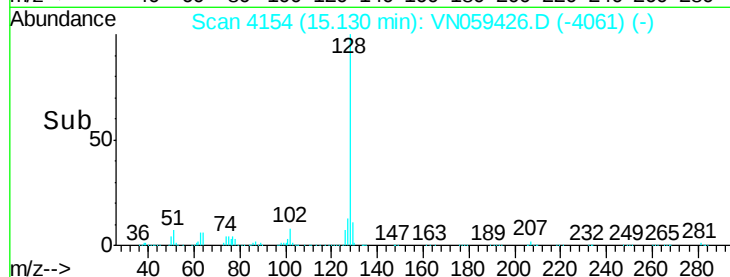
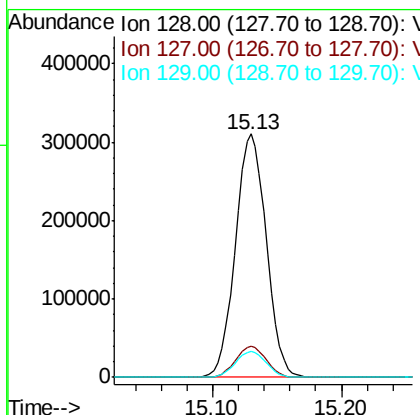
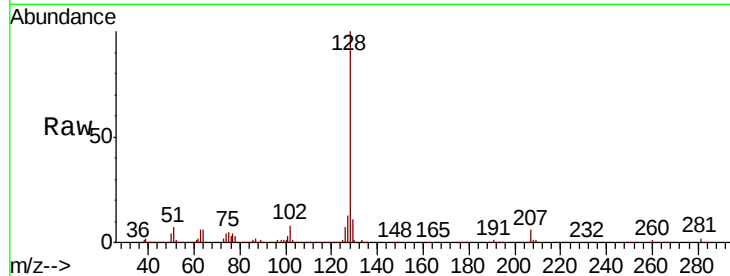
#95
Naphthalene
Concen: 42.203 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.7	8.6	12.8

Manual Integrations
APPROVED

apatel
12/2/2019 10:09:04 AM



#96
1,2,3-Trichlorobenzene
Concen: 44.209 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059426.D
Acq: 27 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.6
145	31.4	15.7	47.1

