

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120419\
 Data File : VN059489.D
 Acq On : 4 Dec 2019 17:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/5/2019 11:19:51 AM

Quant Time: Dec 05 07:21:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	404617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	629914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	562898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	260291	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	240245	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
35) Dibromofluoromethane	7.57	113	189605	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
50) Toluene-d8	10.08	98	745168	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.40	95	259006	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	136904	30.406	ug/l	100
3) Chloromethane	2.04	50	190376	31.547	ug/l	98
4) Vinyl Chloride	2.17	62	157108	43.385	ug/l	99
5) Bromomethane	2.54	94	66280	30.118	ug/l	100
6) Chloroethane	2.68	64	65542	30.656	ug/l	97
7) Trichlorofluoromethane	3.00	101	142754	32.641	ug/l	98
8) Diethyl Ether	3.38	74	90719	31.837	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	137610	32.053	ug/l	98
10) Methyl Iodide	3.92	142	178752	32.882	ug/l	98
11) Tert butyl alcohol	4.75	59	148532	156.817	ug/l	99
12) 1,1-Dichloroethene	3.71	96	136396	32.501	ug/l	98
13) Acrolein	3.58	56	125094	152.178	ug/l	98
14) Allyl chloride	4.29	41	265109	32.073	ug/l	99
15) Acrylonitrile	4.95	53	411596	160.626	ug/l	99
16) Acetone	3.79	43	469971	165.676	ug/l	100
17) Carbon Disulfide	4.02	76	438639	30.632	ug/l	99
18) Methyl Acetate	4.29	43	210513	31.111	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	468898	32.782	ug/l	98
20) Methylene Chloride	4.52	84	156181	32.571	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	151947	32.358	ug/l	97
22) Diisopropyl ether	5.92	45	512849	33.334	ug/l	99
23) Vinyl Acetate	5.86	43	2150875	174.227	ug/l	99
24) 1,1-Dichloroethane	5.81	63	288214	32.977	ug/l	99
25) 2-Butanone	6.81	43	598992	156.784	ug/l	98
26) 2,2-Dichloropropane	6.79	77	250936	33.196	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	169675	32.535	ug/l	99
28) Bromochloromethane	7.17	49	144719	42.619	ug/l	99
29) Tetrahydrofuran	7.18	42	379054	157.789	ug/l	99
30) Chloroform	7.35	83	307098	36.392	ug/l	99
31) Cyclohexane	7.63	56	271777	32.093	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	237066	32.322	ug/l	98
36) 1,1-Dichloropropene	7.77	75	215386	32.858	ug/l	99
37) Ethyl Acetate	6.90	43	232844	31.801	ug/l	99
38) Carbon Tetrachloride	7.75	117	207785	32.957	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	262606	33.290	ug/l	99
40) Benzene	8.02	78	639577	33.319	ug/l	99
41) Methacrylonitrile	7.16	41	113874m	38.374	ug/l	
42) 1,2-Dichloroethane	8.10	62	215484	33.047	ug/l	99
43) Isopropyl Acetate	8.14	43	362405	33.278	ug/l	99
44) Trichloroethene	8.82	130	162708	32.436	ug/l	96
45) 1,2-Dichloropropane	9.10	63	170157	33.180	ug/l	99
46) Dibromomethane	9.19	93	105359	32.998	ug/l	99
47) Bromodichloromethane	9.39	83	218112	34.070	ug/l	100
48) Methyl methacrylate	9.18	41	159254	32.414	ug/l	99
49) 1,4-Dioxane	9.19	88	47776	642.629	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	1095758	169.509	ug/l	99
52) Toluene	10.14	92	387576	33.385	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	247590	32.867	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	270311	33.854	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	151193	33.037	ug/l	98
56) Ethyl methacrylate	10.42	69	230144	31.612	ug/l	100
57) 1,3-Dichloropropane	10.70	76	263556	33.302	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	195171	88.159	ug/l	100
59) 2-Hexanone	10.74	43	824490	169.479	ug/l	100
60) Dibromochloromethane	10.90	129	163191	33.396	ug/l	99
61) 1,2-Dibromoethane	11.00	107	157499	33.306	ug/l	99
64) Tetrachloroethene	10.62	164	145977	30.487	ug/l	99
65) Chlorobenzene	11.43	112	402194	32.684	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	150304	33.993	ug/l	99
67) Ethyl Benzene	11.51	91	732592	33.979	ug/l	100
68) m/p-Xylenes	11.62	106	545412	67.939	ug/l	99
69) o-Xylene	11.95	106	257764	33.726	ug/l	99
70) Styrene	11.96	104	419428	34.377	ug/l	99
71) Bromoform	12.12	173	115008	33.369	ug/l #	99
73) Isopropylbenzene	12.25	105	698192	33.447	ug/l	99
74) N-amyl acetate	12.07	43	275734	32.794	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	221961	33.149	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	192774m	29.786	ug/l	
77) Bromobenzene	12.53	156	166466	31.912	ug/l	98
78) n-propylbenzene	12.59	91	822078	33.841	ug/l	99
79) 2-Chlorotoluene	12.67	91	480903	32.840	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	589952	33.818	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	80683	32.717	ug/l	99
82) 4-Chlorotoluene	12.77	91	499259	33.045	ug/l	100
83) tert-Butylbenzene	12.99	119	503668	33.256	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	586983	34.431	ug/l	100
85) sec-Butylbenzene	13.17	105	678413	33.798	ug/l	100
86) p-Isopropyltoluene	13.29	119	616249	34.260	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	300266	32.648	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	294071	31.704	ug/l	99
89) n-Butylbenzene	13.62	91	531289	32.967	ug/l	99
90) Hexachloroethane	13.88	117	112601	32.457	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	287116	32.564	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	43266	31.283	ug/l	99

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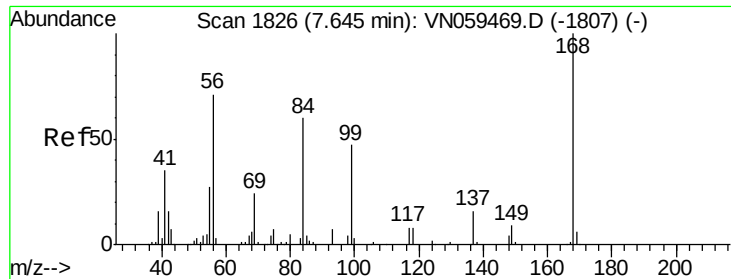
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	173758	32.282	ug/l	99
94) Hexachlorobutadiene	15.01	225	103892	33.669	ug/l	100
95) Naphthalene	15.13	128	453736	31.540	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	171741	32.479	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 404617

Ion Ratio Lower Upper

168 100

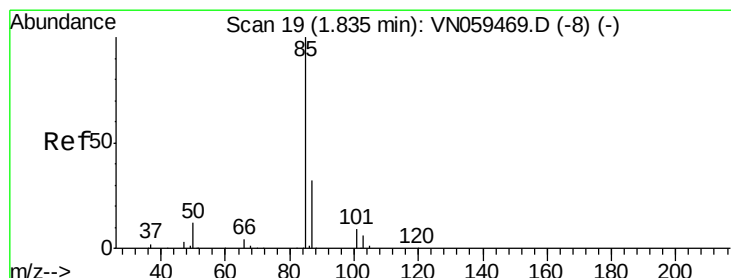
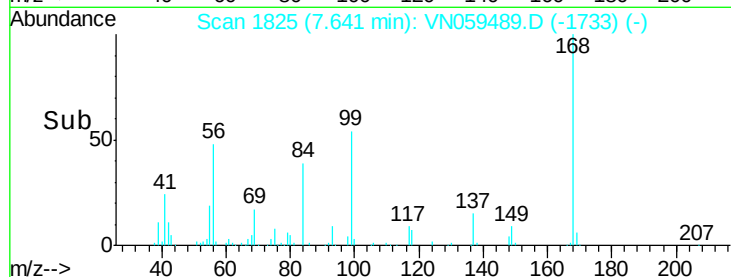
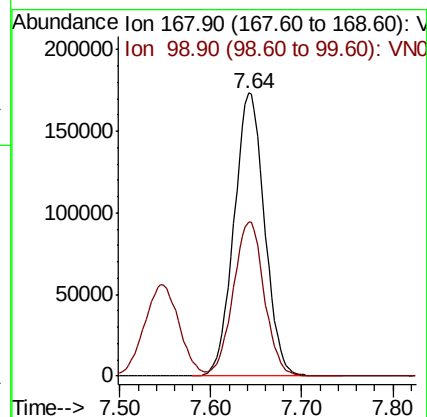
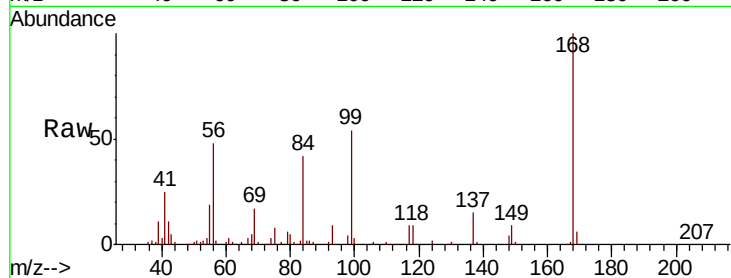
99 54.3 43.4 65.2

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#2

Dichlorodifluoromethane

Concen: 30.406 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059489.D

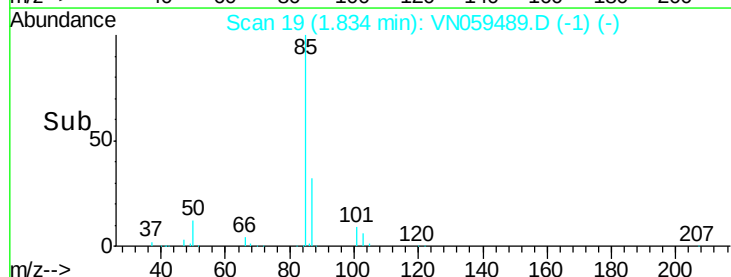
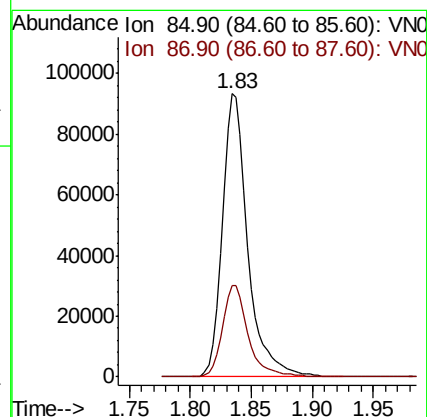
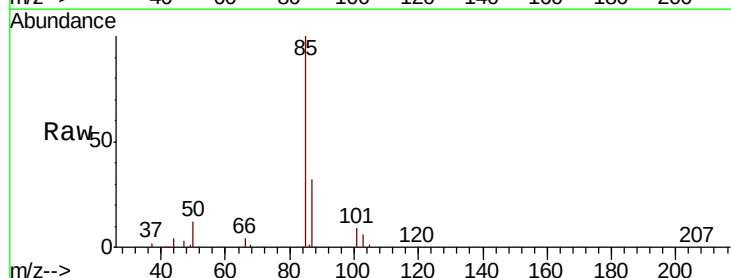
Acq: 4 Dec 2019 17:27

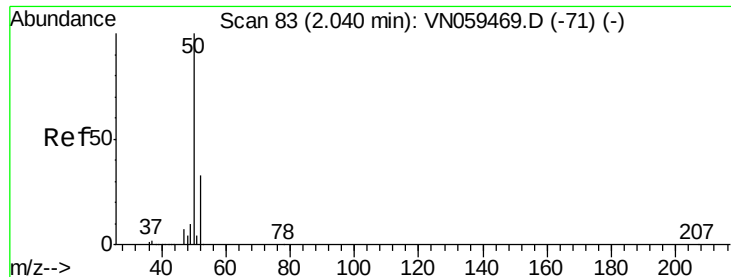
Tgt Ion: 85 Resp: 136904

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3





#3

Chloromethane

Concen: 31.547 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 190376

Ion Ratio Lower Upper

50 100

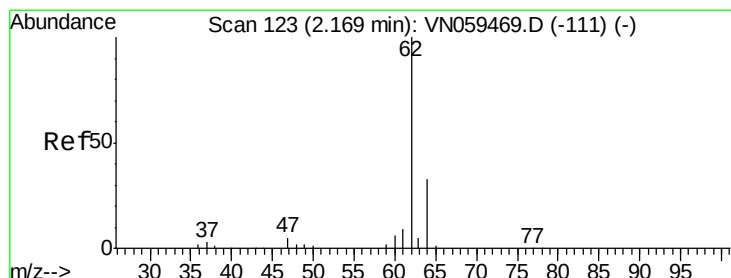
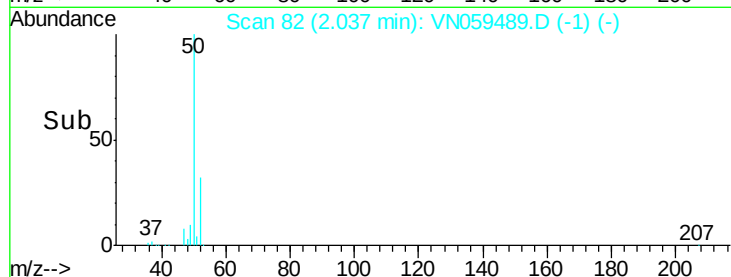
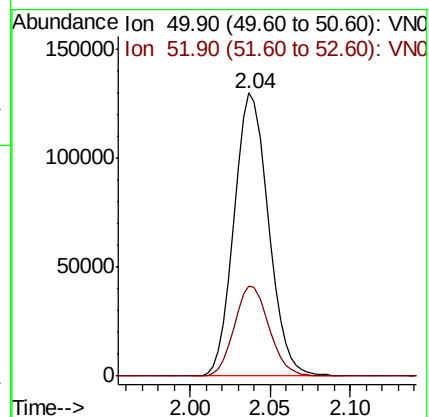
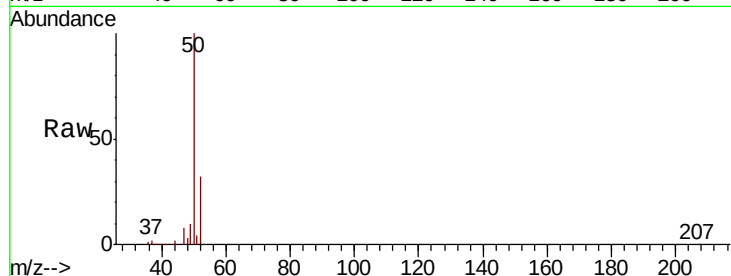
52 31.9 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.385 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059489.D

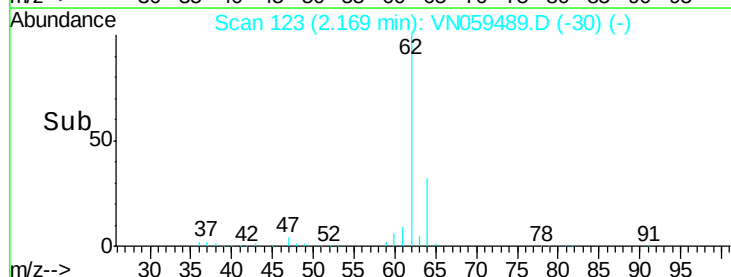
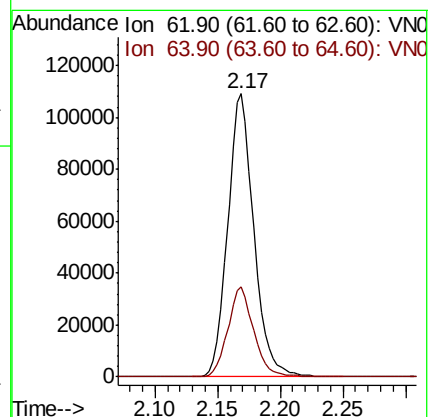
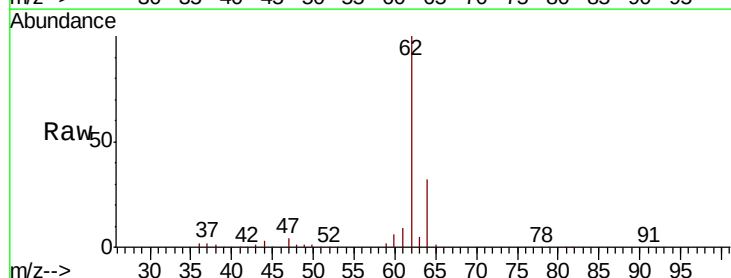
Acq: 4 Dec 2019 17:27

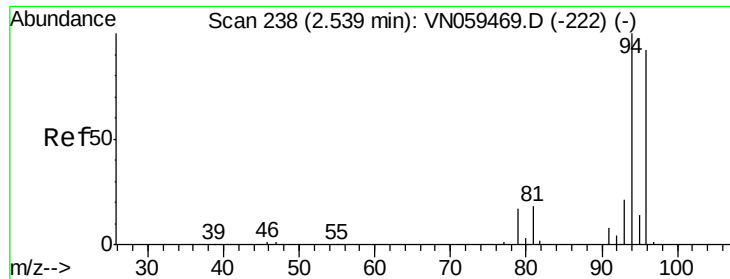
Tgt Ion: 62 Resp: 157108

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0





#5

Bromomethane

Concen: 30.118 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 66280

Ion Ratio Lower Upper

94 100

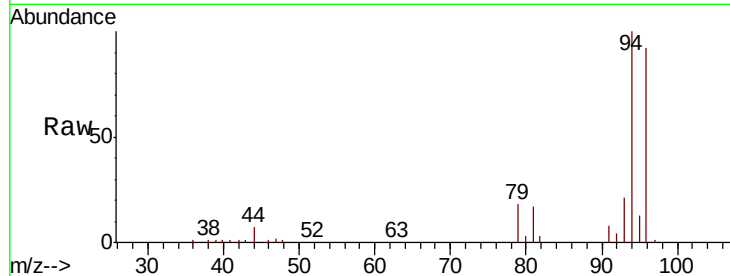
96 92.0 73.5 110.3

Manual Integrations

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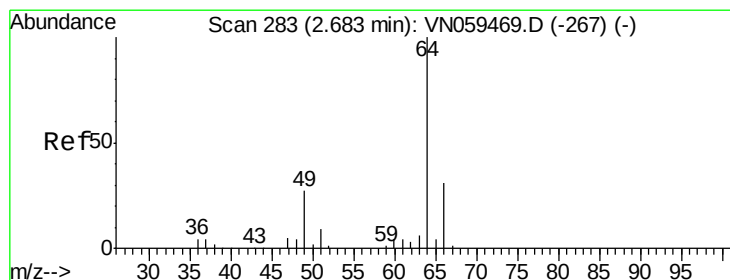
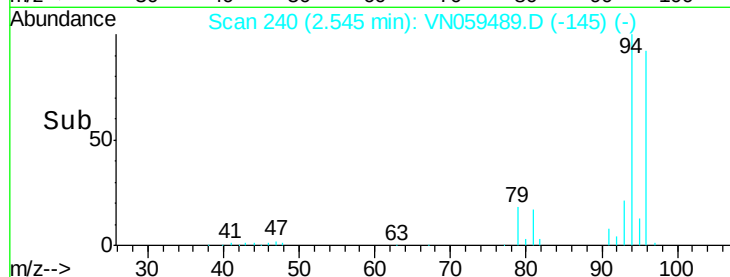
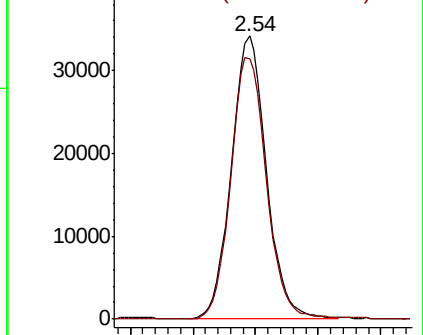
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 30.656 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN059489.D

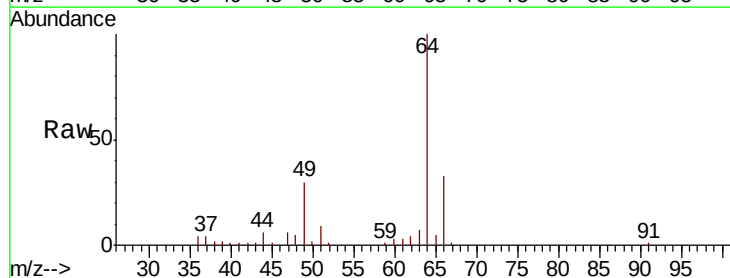
Acq: 4 Dec 2019 17:27

Tgt Ion: 64 Resp: 65542

Ion Ratio Lower Upper

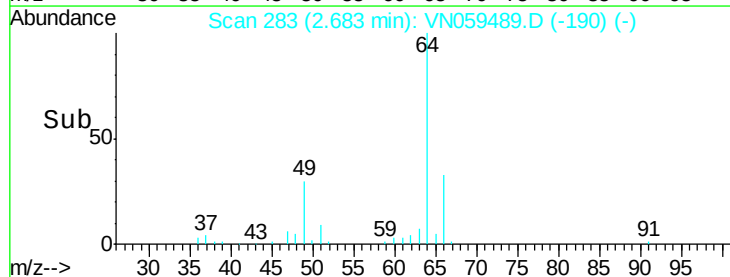
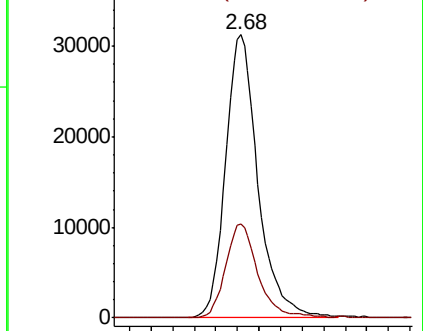
64 100

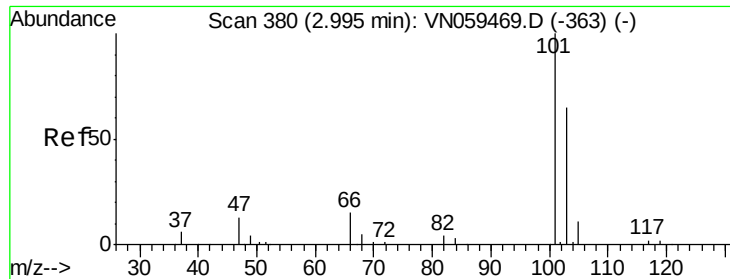
66 33.3 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

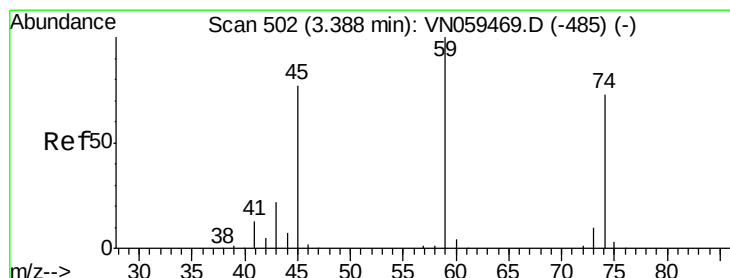
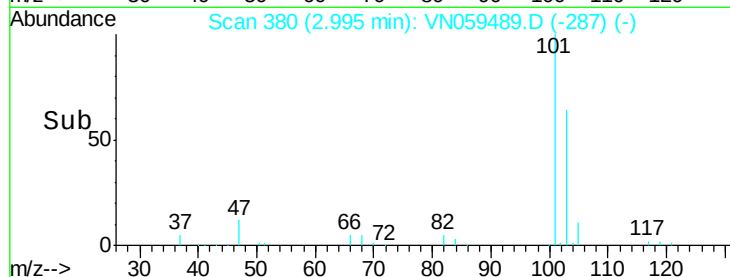
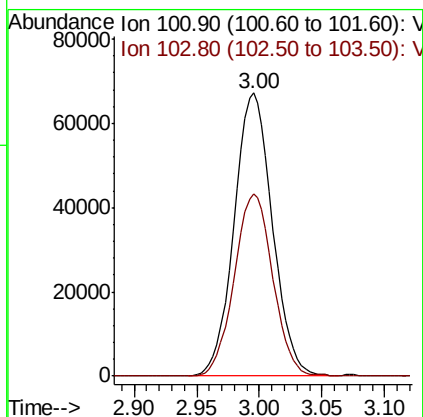
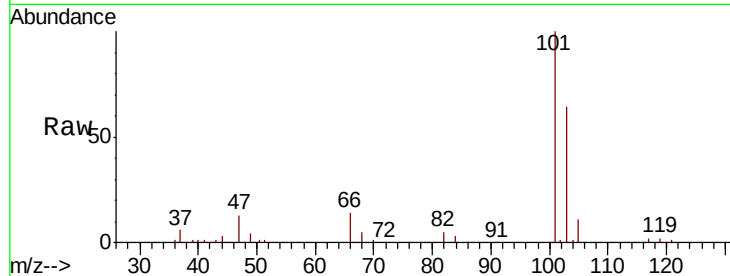
Trichlorofluoromethane
Concen: 32.641 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.4	78.6

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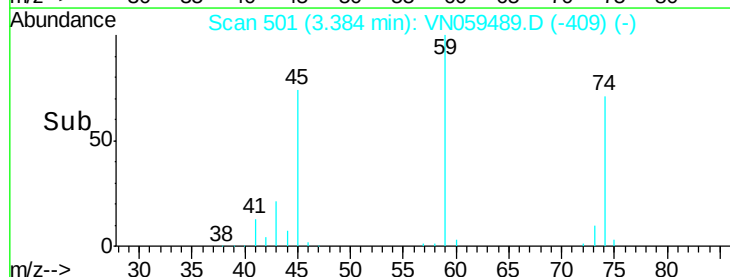
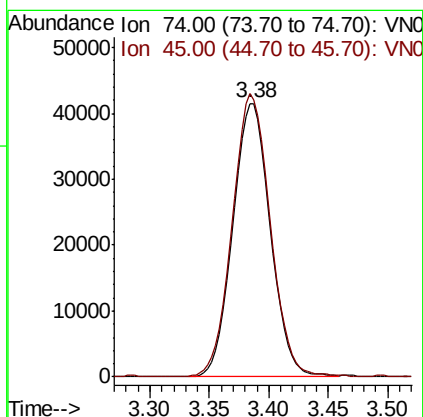
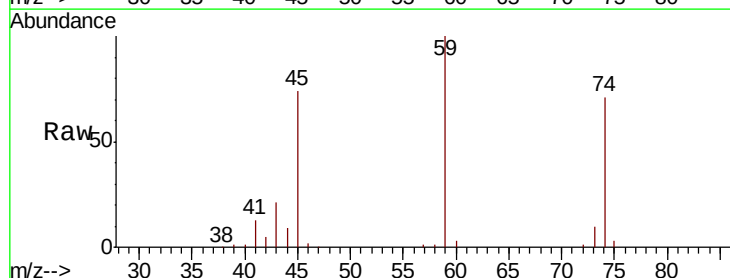
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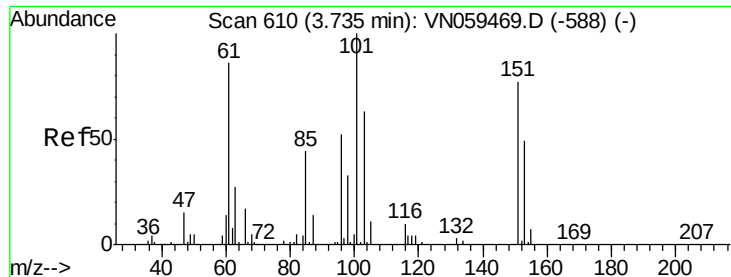


#8

Diethyl Ether
Concen: 31.837 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.9	52.3	157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 32.053 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

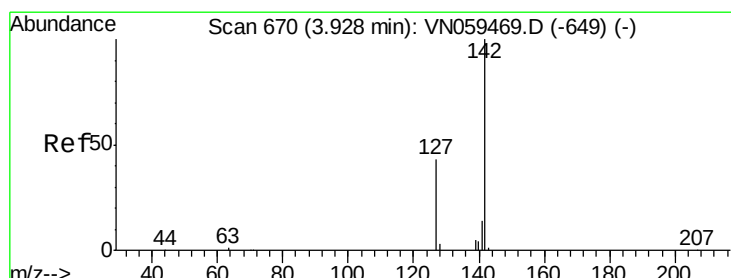
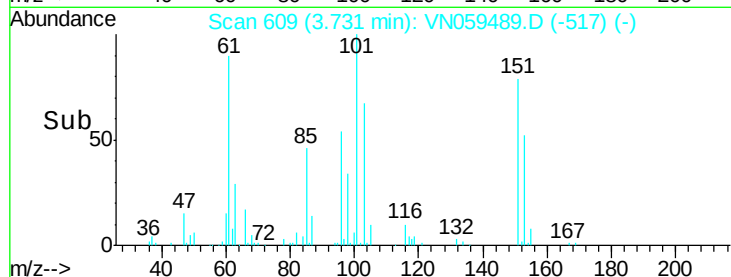
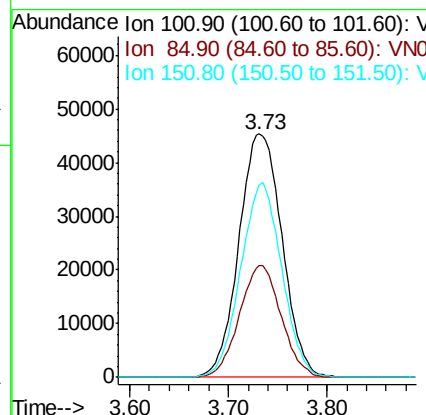
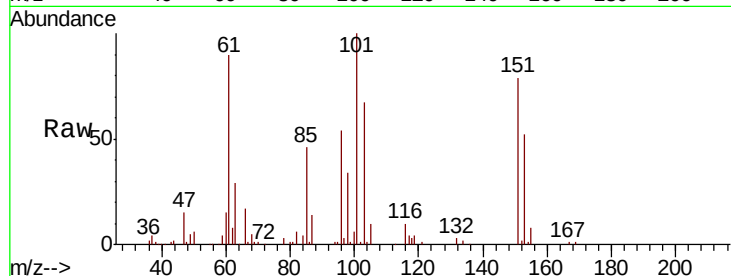
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	137610
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.2	52.8
151	76.0	62.4	93.6

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#10

Methyl Iodide

Concen: 32.882 ug/l

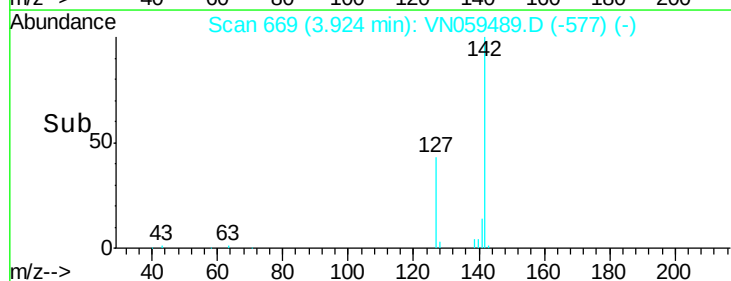
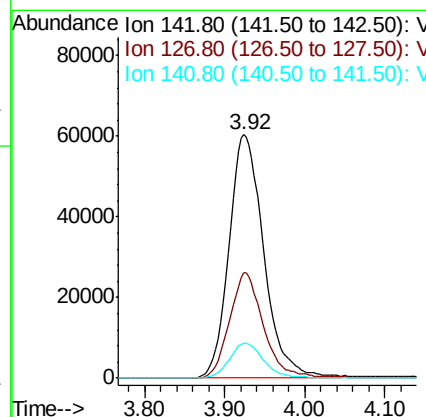
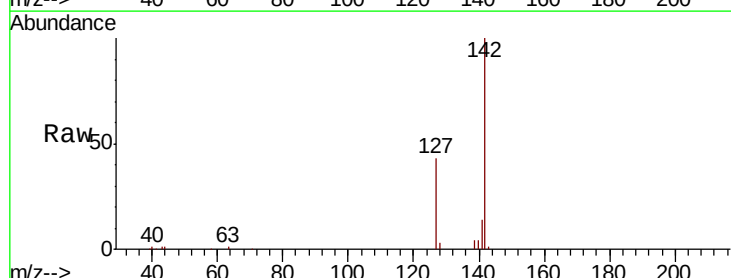
RT: 3.92 min Scan# 669

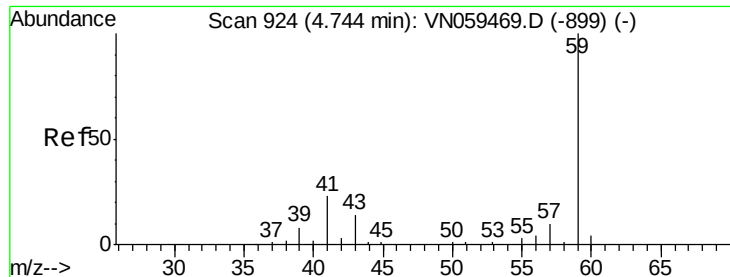
Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Tgt Ion:	142	Resp:	178752
Ion Ratio	Lower	Upper	
142	100		
127	42.0	34.6	52.0
141	14.2	11.4	17.0





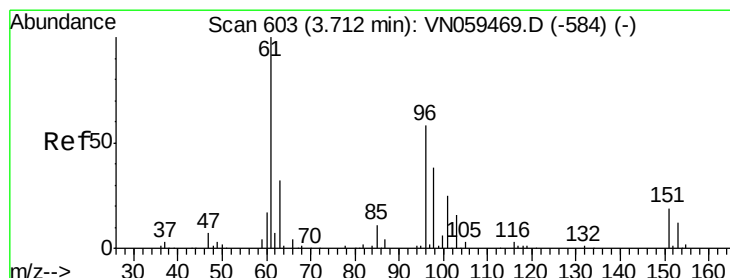
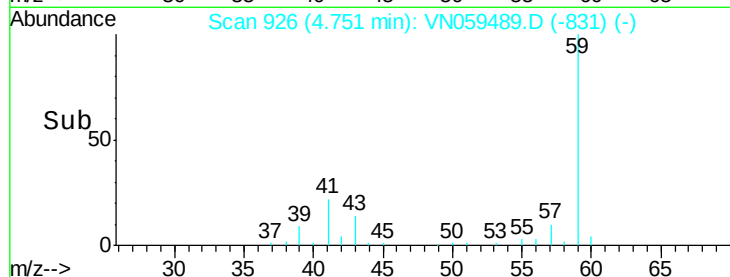
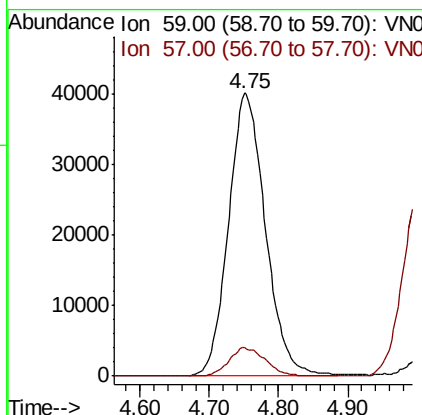
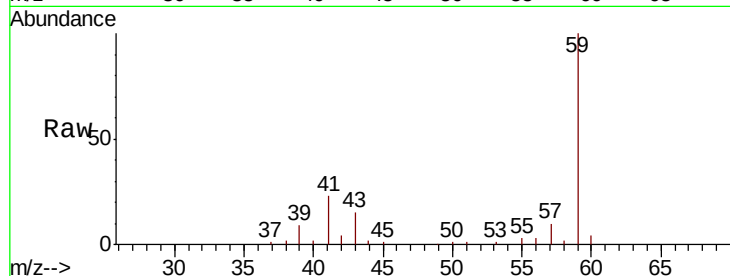
#11
Tert butyl alcohol
Concen: 156.817 ug/l
RT: 4.75 min Scan# 926
Delta R.T. 0.01 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	148532		
57	9.7		8.1	12.1

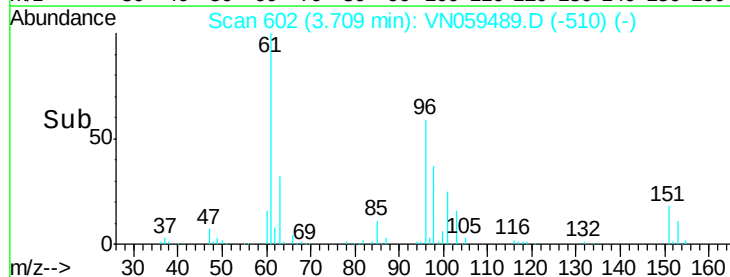
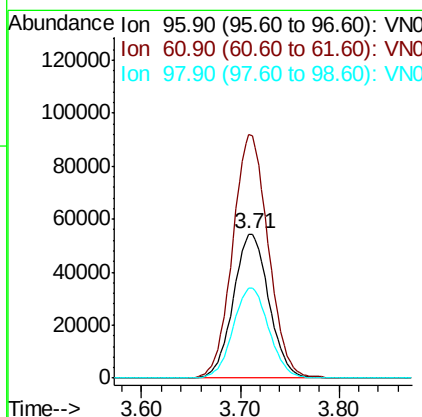
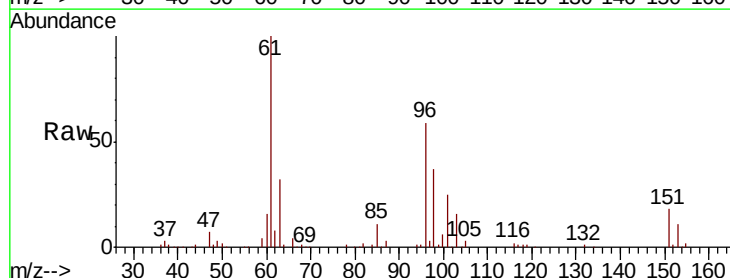
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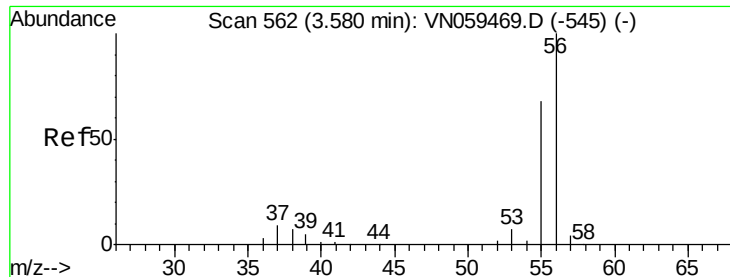
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#12
1,1-Dichloroethene
Concen: 32.501 ug/l
RT: 3.71 min Scan# 602
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	136396		
61	169.1		137.1	205.7
98	62.4		52.4	78.6





#13

Acrolein

Concen: 152.178 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 125094

Ion Ratio Lower Upper

56 100

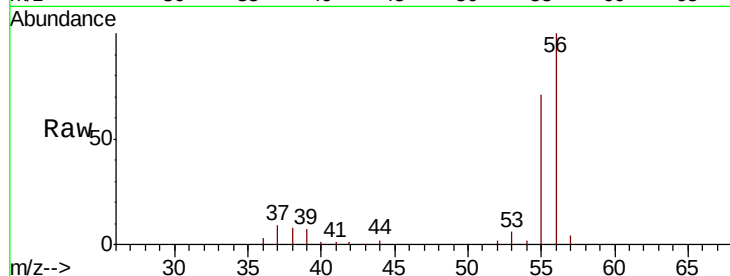
55 72.2 56.5 84.7

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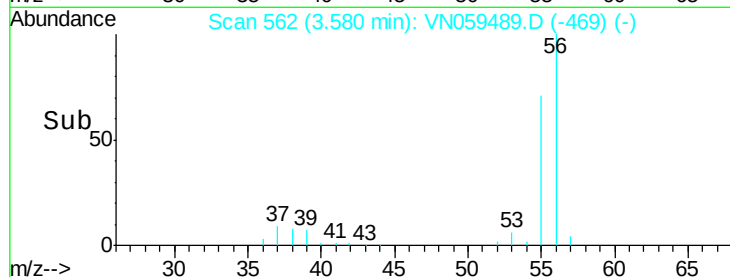


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

Time-->



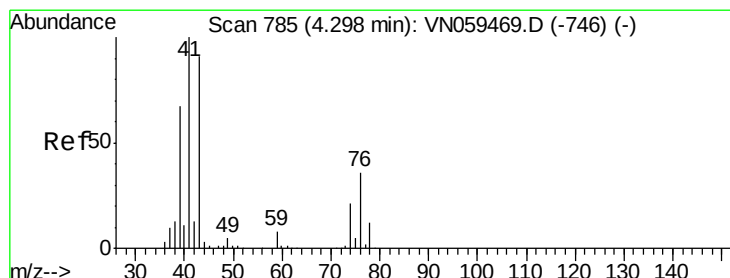
Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

Time-->



#14

Allyl chloride

Concen: 32.073 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

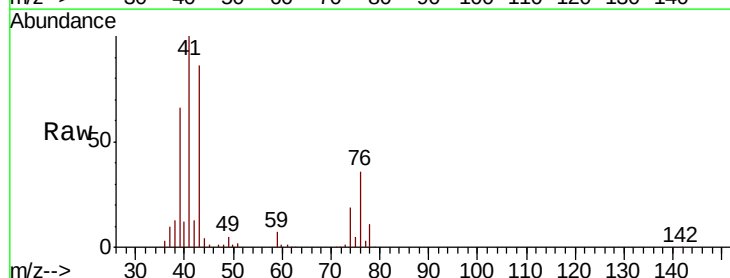
Tgt Ion: 41 Resp: 265109

Ion Ratio Lower Upper

41 100

39 62.0 49.3 73.9

76 33.0 25.6 38.4



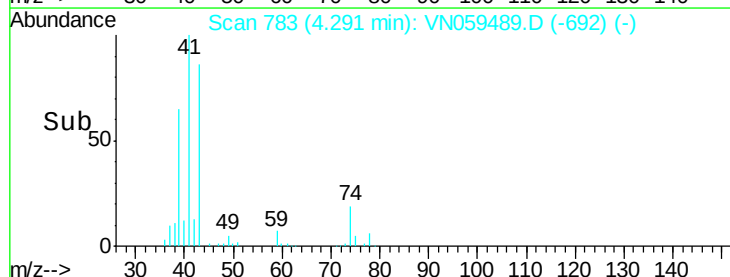
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.29

Time-->



Abundance

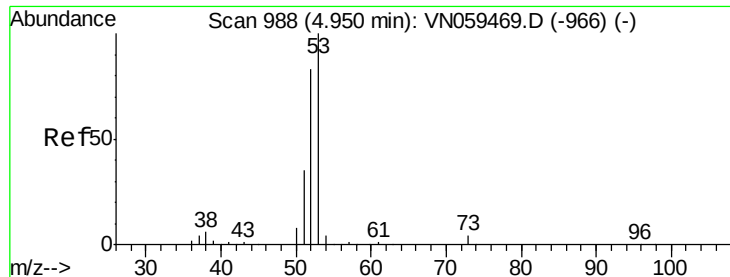
Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.29

Time-->



#15

Acrylonitrile

Concen: 160.626 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

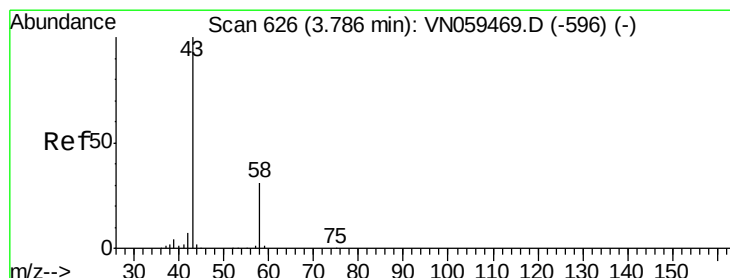
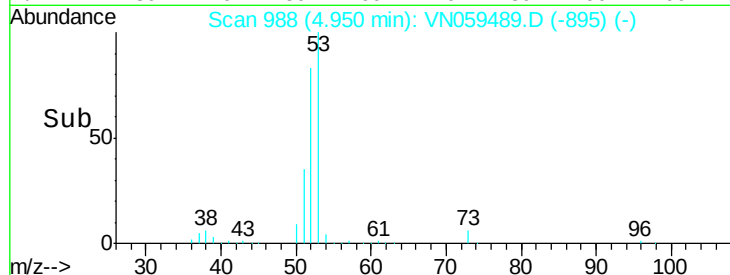
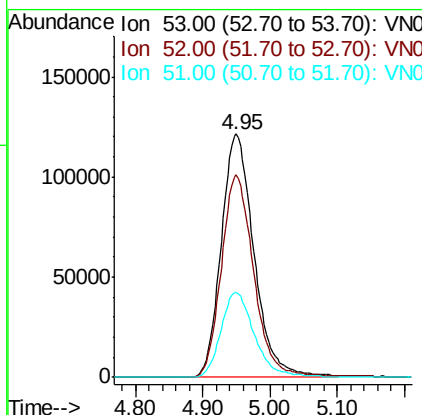
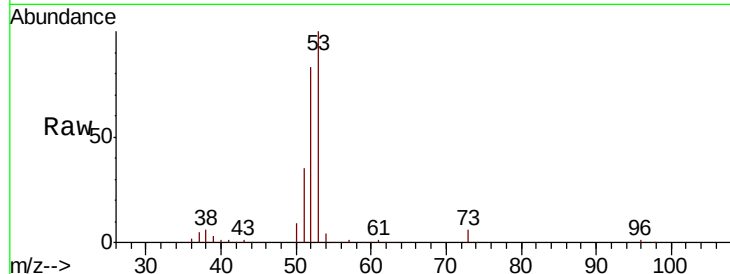
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	411596
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.5	98.3
51	35.9	28.5	42.7

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#16

Acetone

Concen: 165.676 ug/l

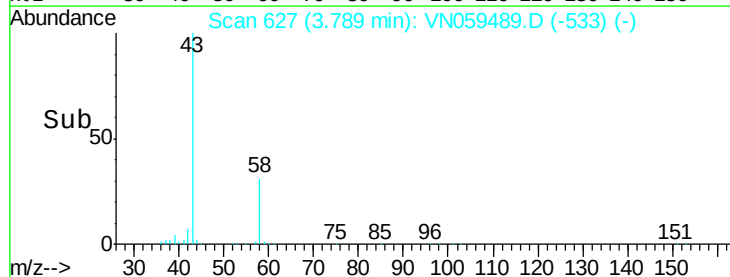
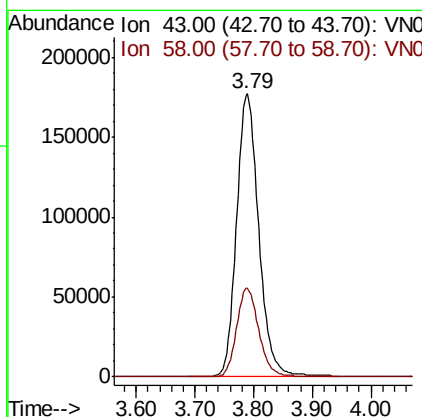
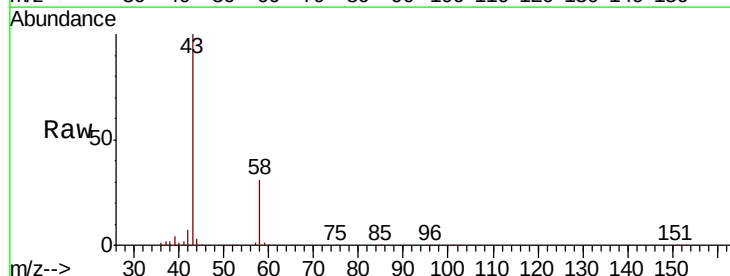
RT: 3.79 min Scan# 627

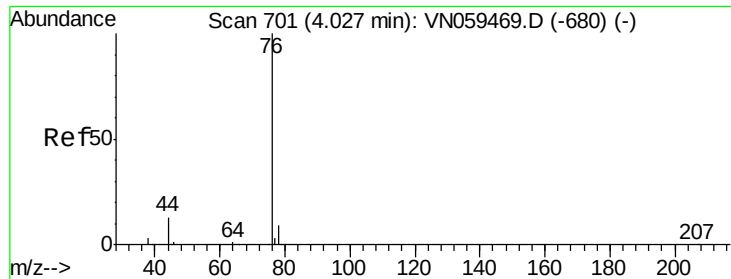
Delta R.T. 0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Tgt Ion:	43	Resp:	469971
Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.9	37.3





#17

Carbon Disulfide

Concen: 30.632 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 438639

Ion Ratio Lower Upper

76 100

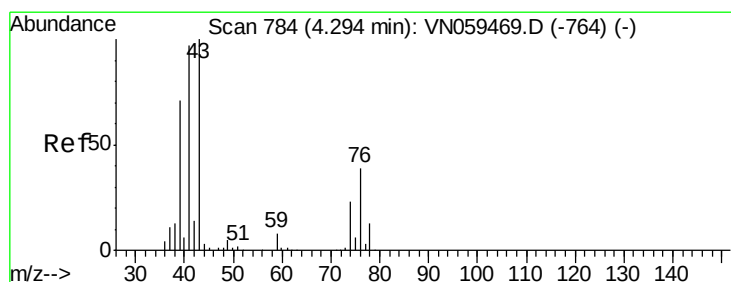
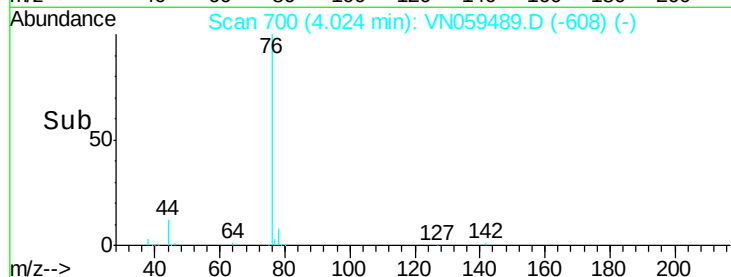
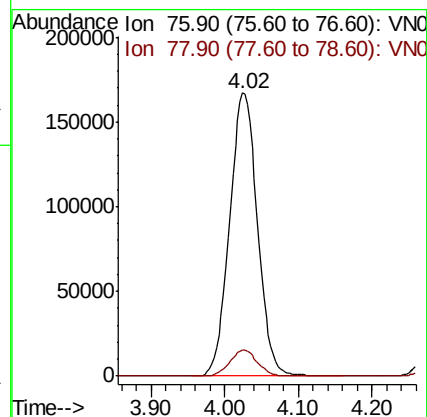
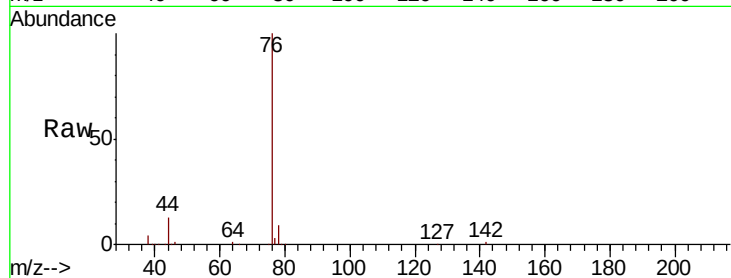
78 9.0 7.0 10.6

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#18

Methyl Acetate

Concen: 31.111 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059489.D

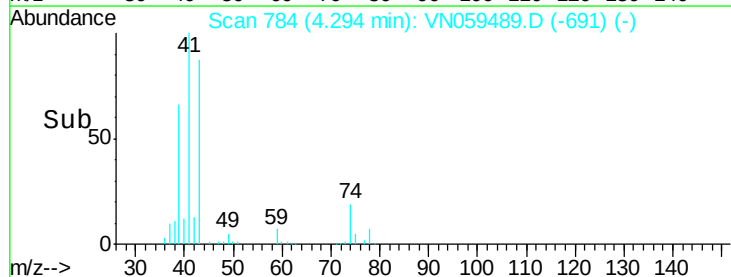
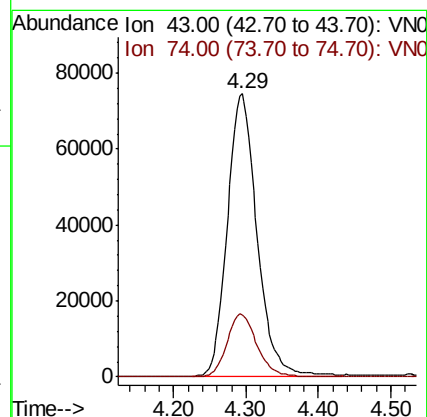
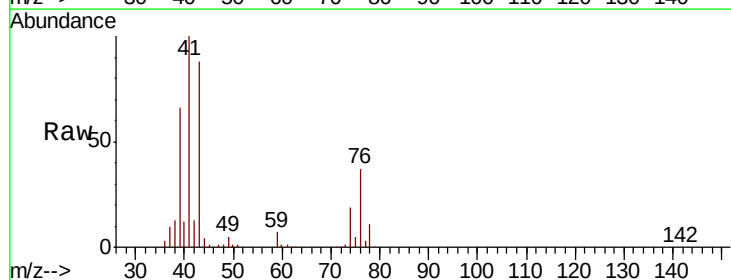
Acq: 4 Dec 2019 17:27

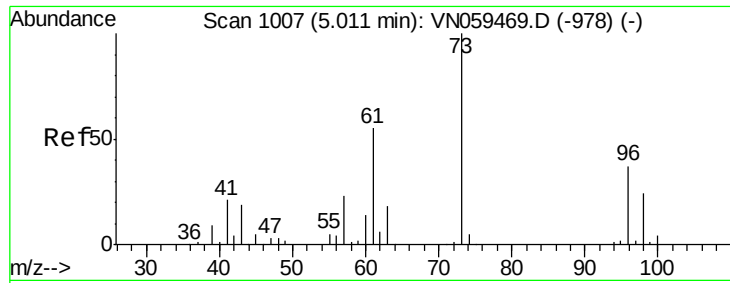
Tgt Ion: 43 Resp: 210513

Ion Ratio Lower Upper

43 100

74 22.6 18.3 27.5





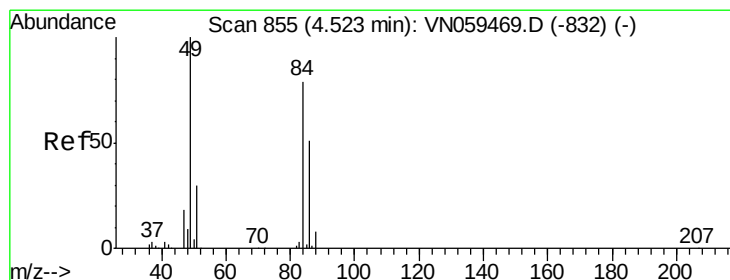
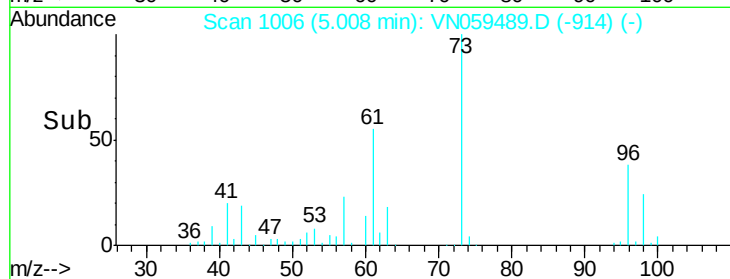
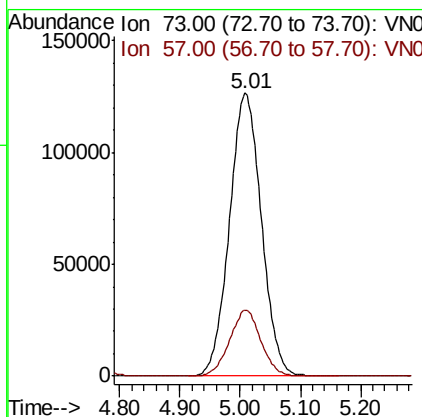
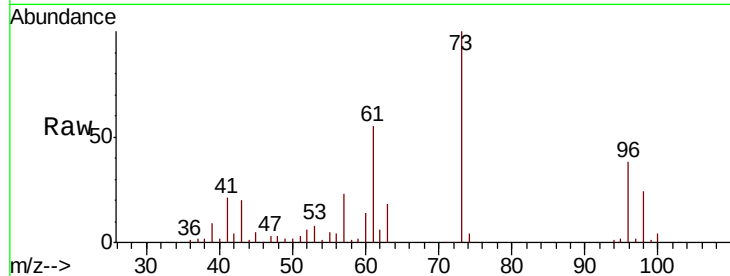
#19
Methyl tert-butyl Ether
Concen: 32.782 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 468898
Ion Ratio Lower Upper
73 100
57 23.3 18.0 27.0

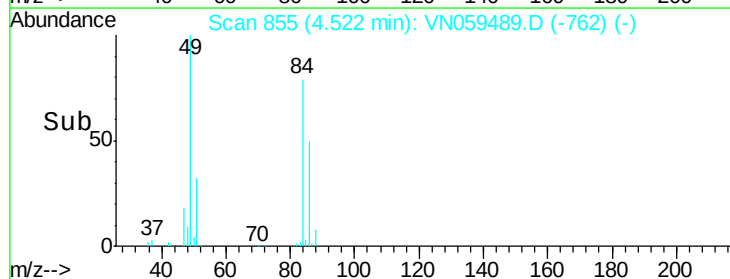
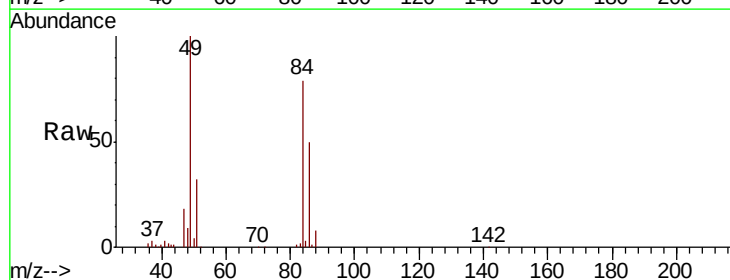
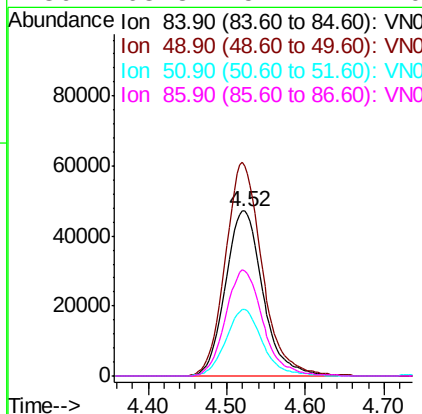
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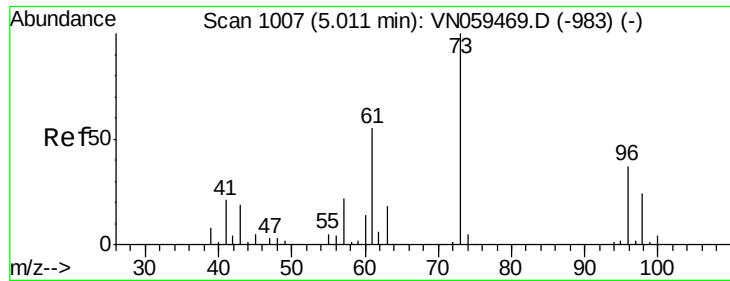
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#20
Methylene Chloride
Concen: 32.571 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion: 84 Resp: 156181
Ion Ratio Lower Upper
84 100
49 127.0 101.1 151.7
51 40.4 30.7 46.1
86 63.8 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 32.358 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

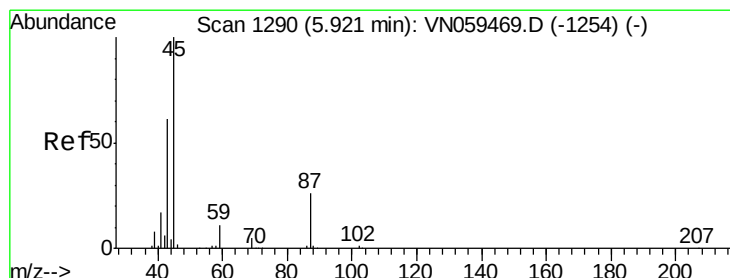
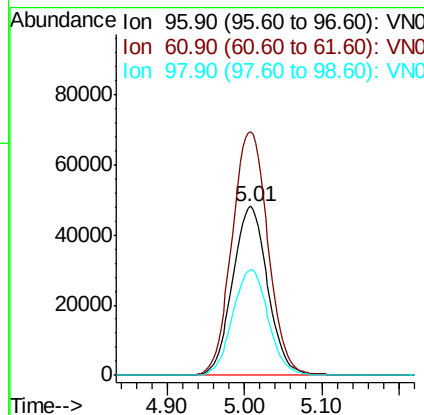
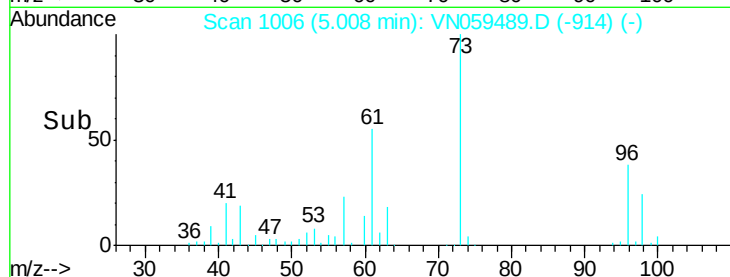
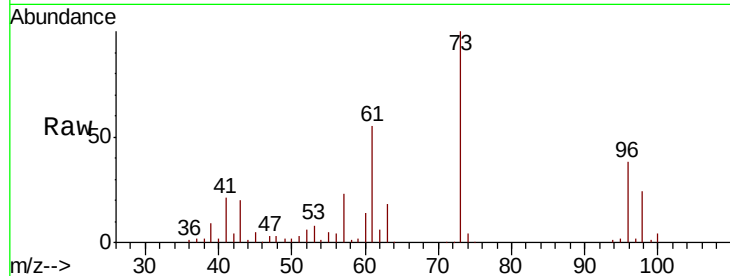
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	151947
Ion	Ratio	Lower	Upper
96	100		
61	144.0	118.9	178.3
98	62.5	51.6	77.4

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#22

Diisopropyl ether

Concen: 33.334 ug/l

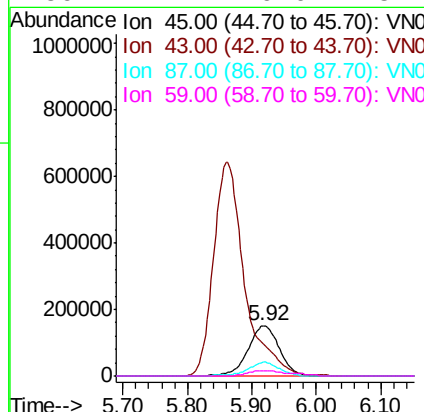
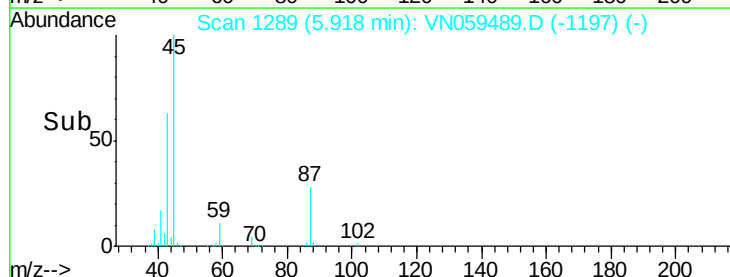
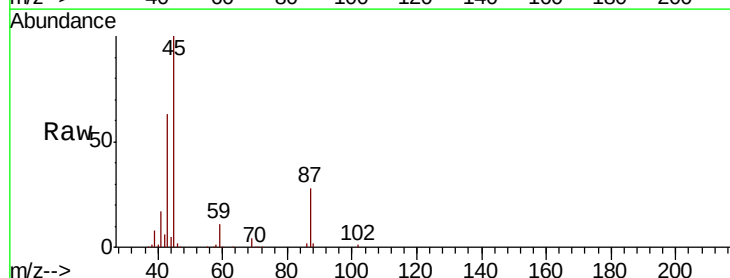
RT: 5.92 min Scan# 1289

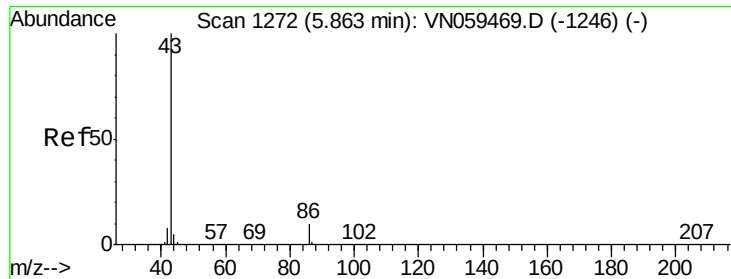
Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Tgt Ion:	45	Resp:	512849
Ion	Ratio	Lower	Upper
45	100		
43	62.3	49.1	73.7
87	27.6	21.6	32.4
59	11.2	9.0	13.4





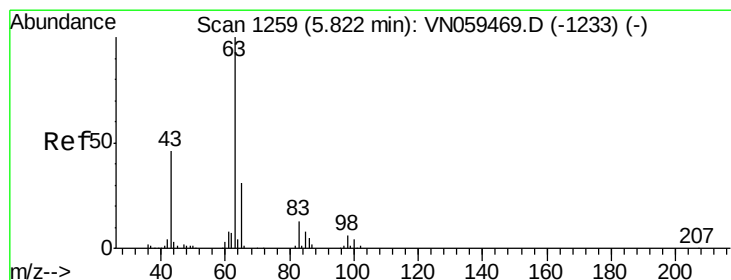
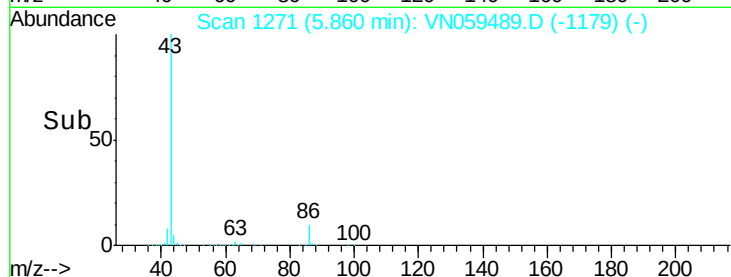
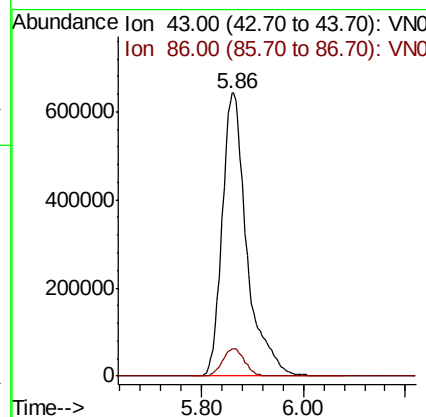
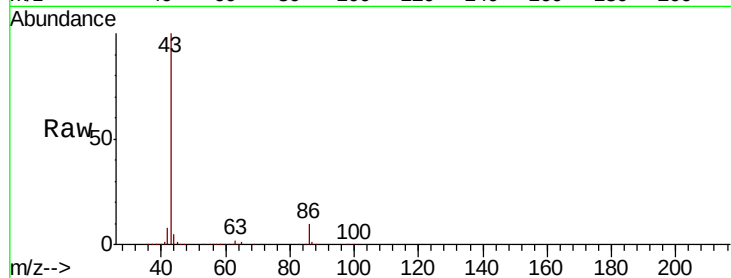
#23
 Vinyl Acetate
 Concen: 174.227 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VN059489.D
 Acq: 4 Dec 2019 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2150875
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.0 12.0

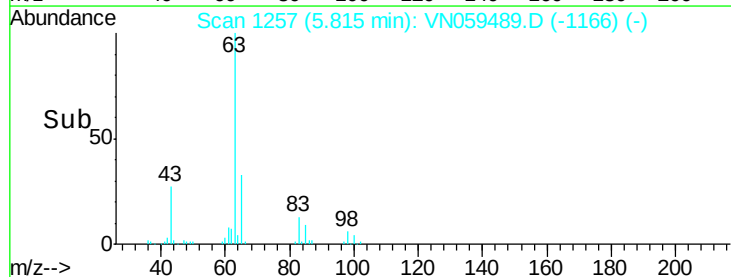
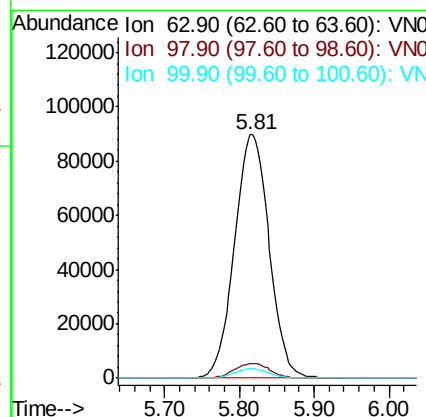
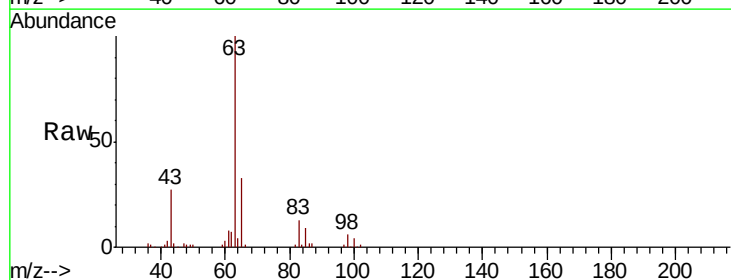
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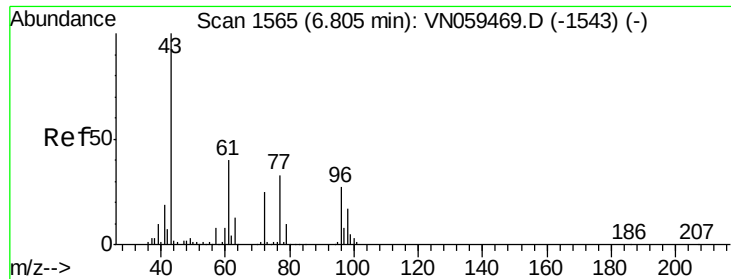
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#24
 1,1-Dichloroethane
 Concen: 32.977 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: VN059489.D
 Acq: 4 Dec 2019 17:27

Tgt Ion: 63 Resp: 288214
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.2 9.6
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 156.784 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 598992

Ion Ratio Lower Upper

43 100

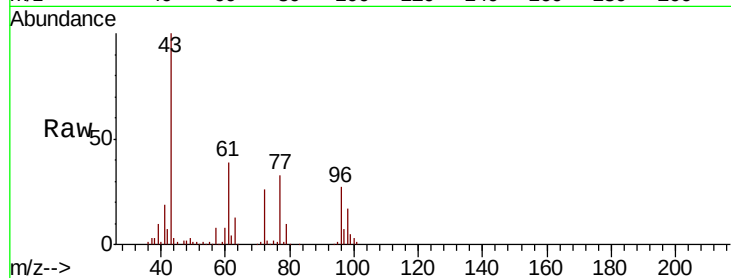
72 26.3 20.2 30.2

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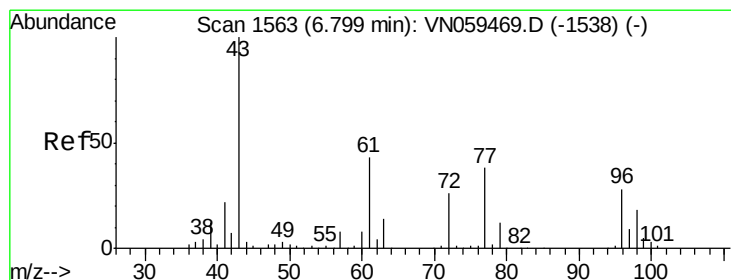
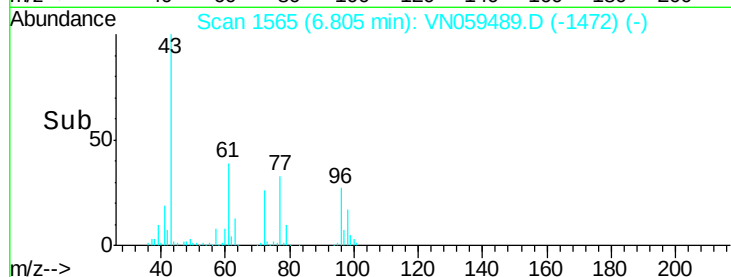
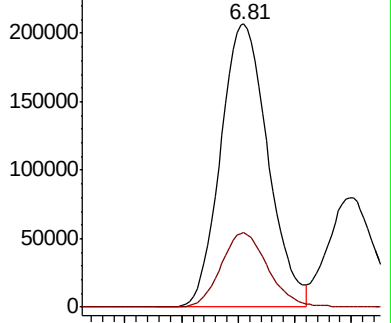
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 33.196 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.01 min

Lab File: VN059489.D

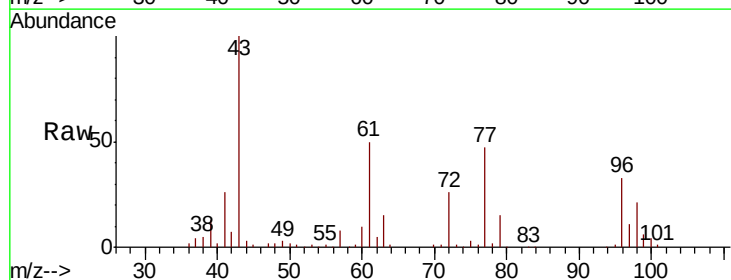
Acq: 4 Dec 2019 17:27

Tgt Ion: 77 Resp: 250936

Ion Ratio Lower Upper

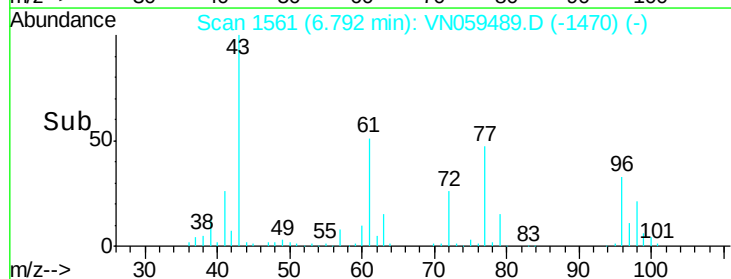
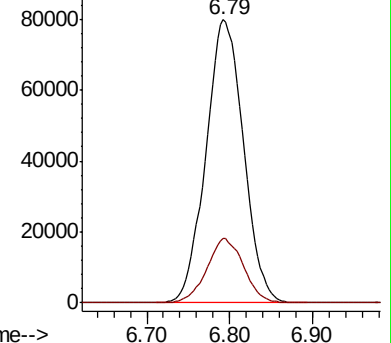
77 100

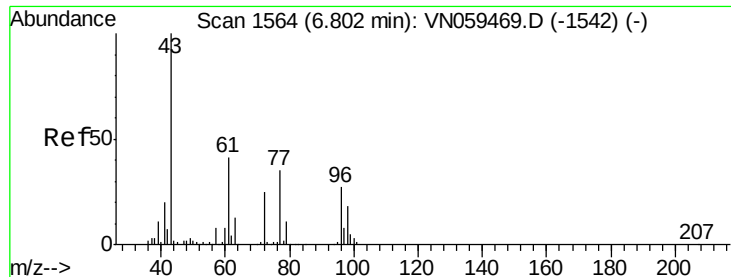
97 22.3 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 32.535 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

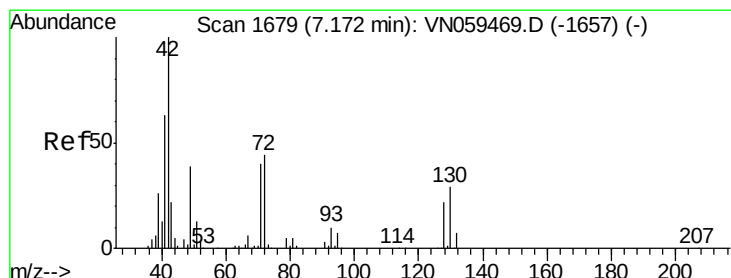
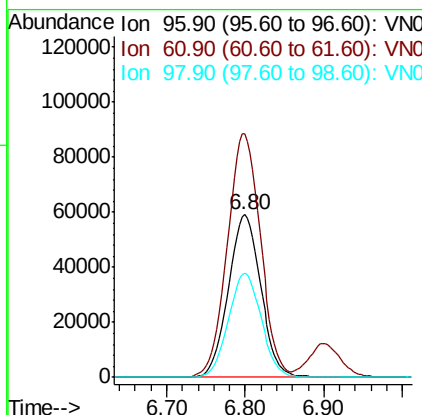
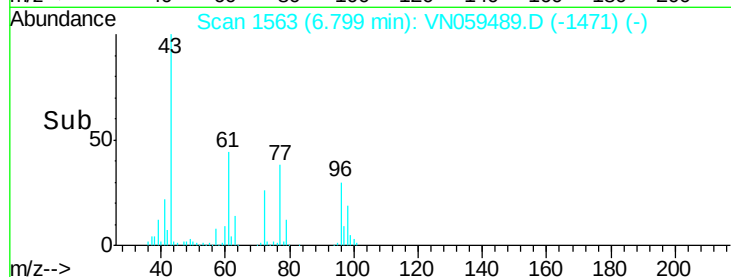
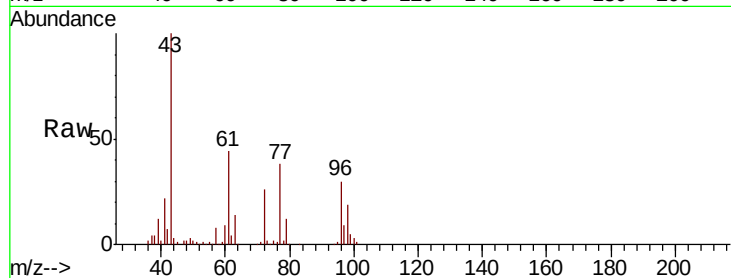
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	169675
Ion	Ratio	Lower	Upper
96	100		
61	152.8	0.0	307.4
98	64.4	0.0	129.2

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#28

Bromochloromethane

Concen: 42.619 ug/l

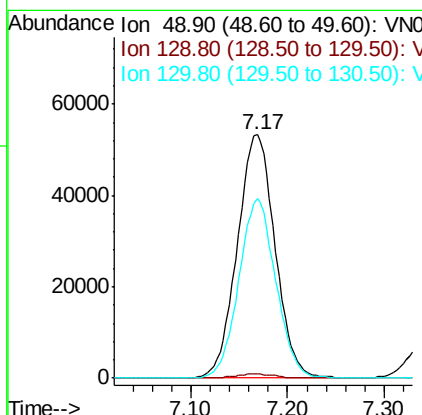
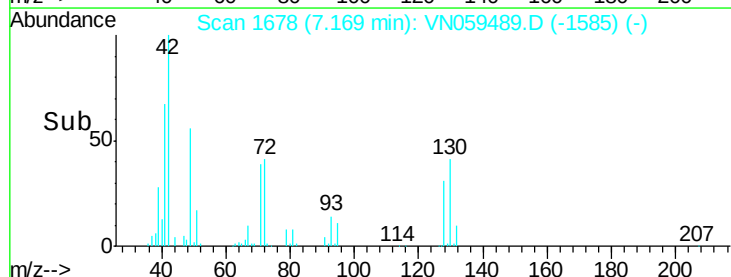
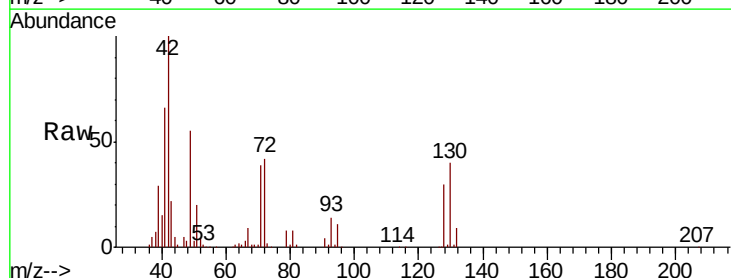
RT: 7.17 min Scan# 1678

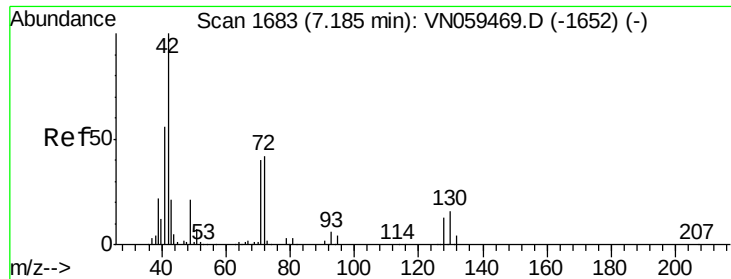
Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Tgt Ion:	49	Resp:	144719
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	71.9	58.4	87.6





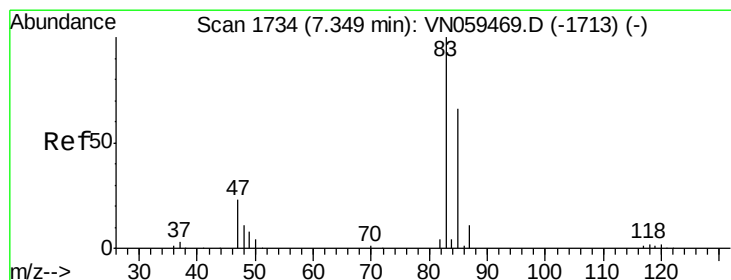
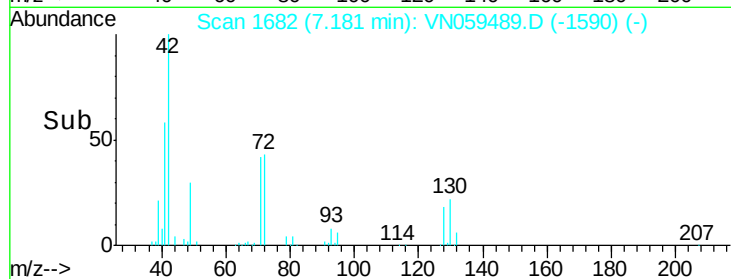
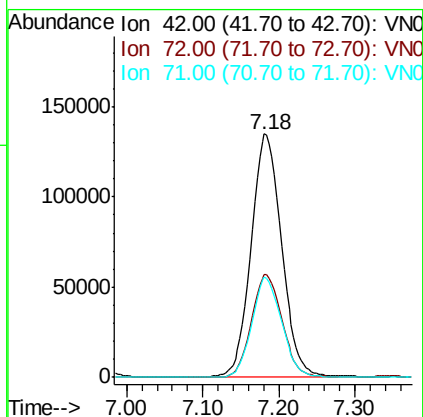
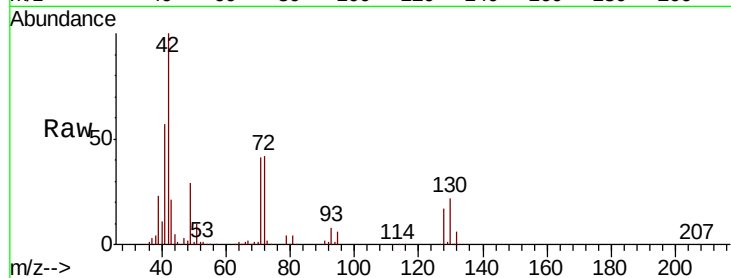
#29
Tetrahydrofuran
Concen: 157.789 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.2	51.2
71	40.0	32.0	48.0

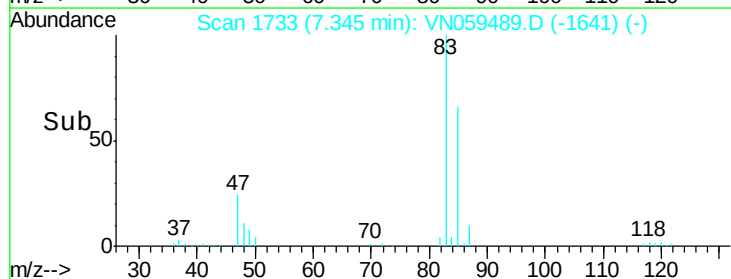
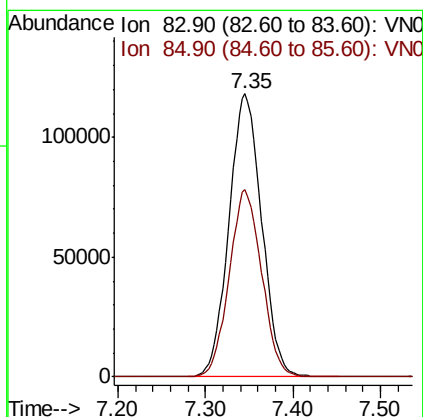
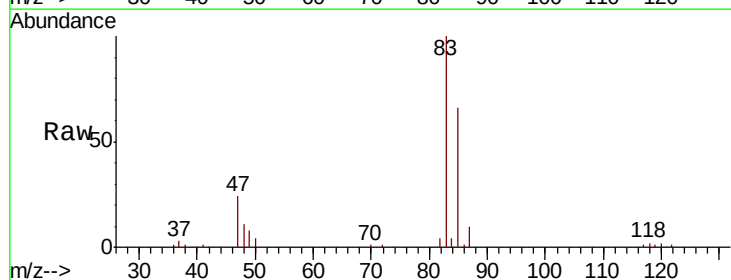
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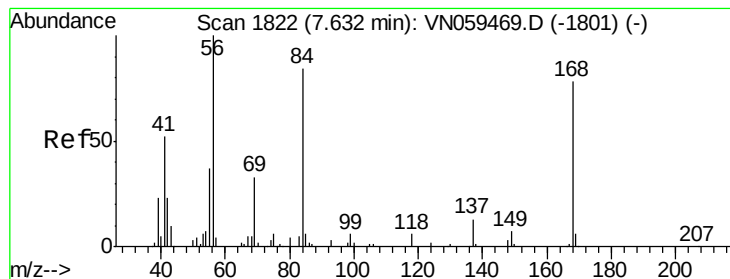
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#30
Chloroform
Concen: 36.392 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	52.4	78.6





#31

Cyclohexane

Concen: 32.093 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

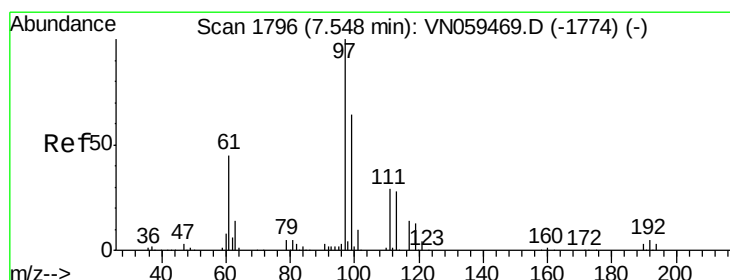
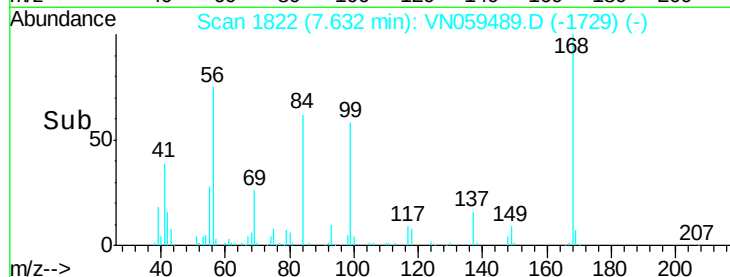
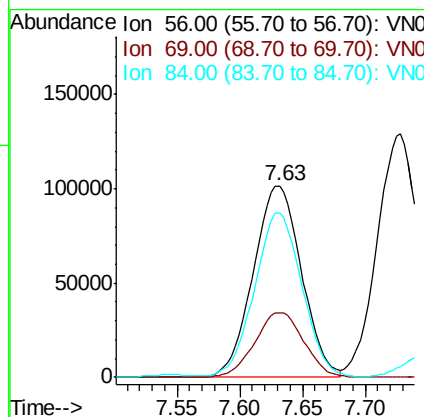
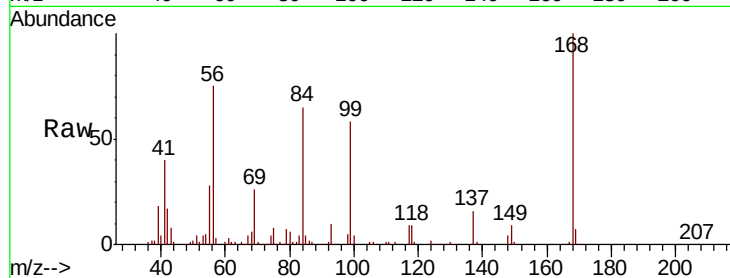
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	271777
Ion	Ratio	Lower	Upper
56	100		
69	33.8	26.2	39.4
84	85.2	66.8	100.2

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#32

1,1,1-Trichloroethane

Concen: 32.322 ug/l

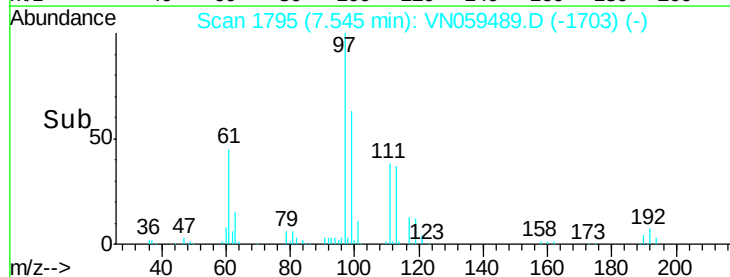
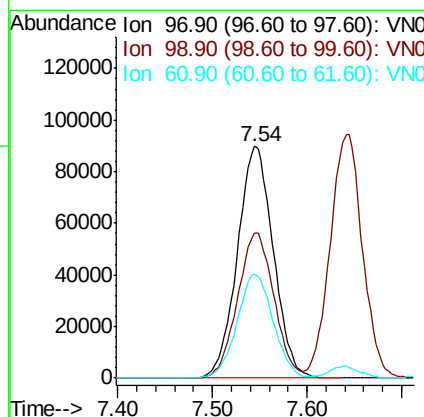
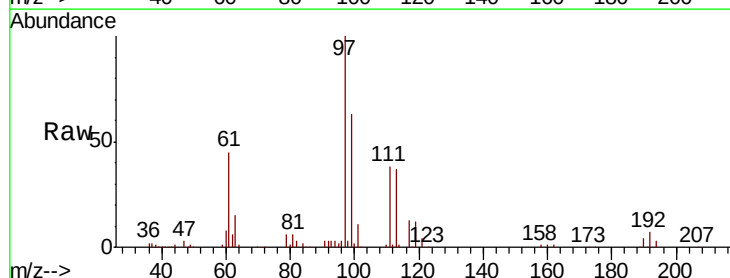
RT: 7.54 min Scan# 1795

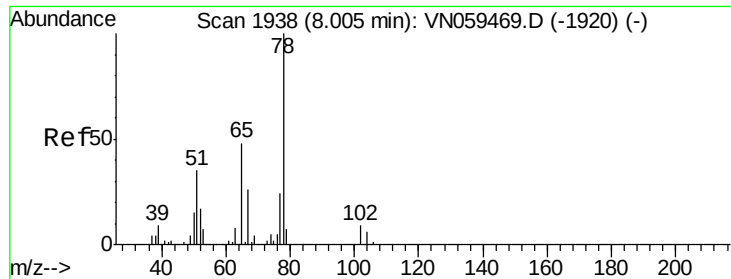
Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Tgt Ion:	97	Resp:	237066
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.7	77.5
61	45.1	35.4	53.0





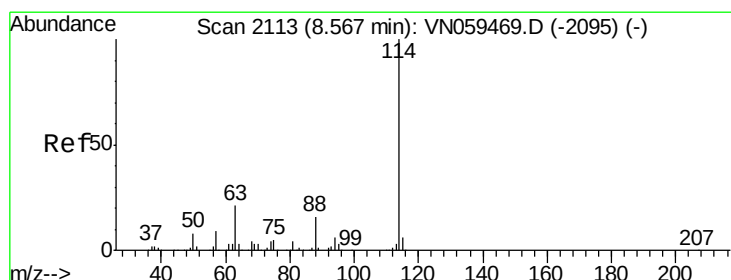
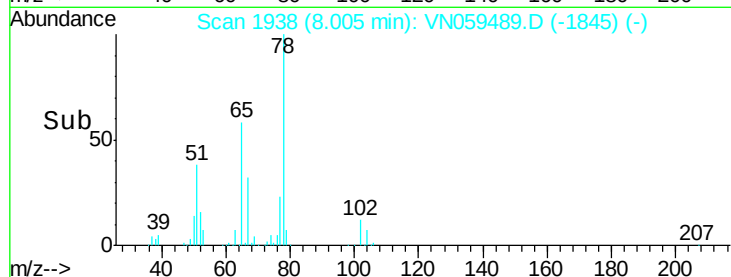
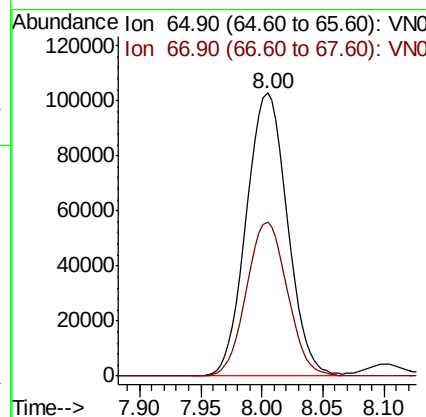
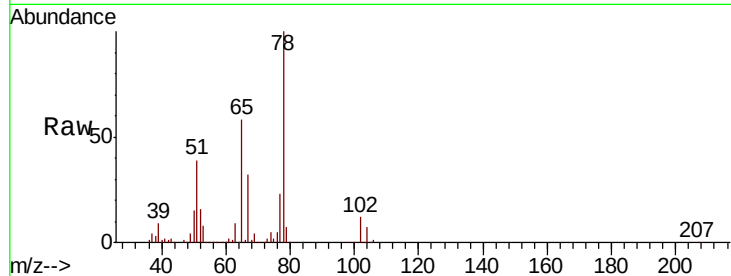
#33
 1,2-Dichloroethane-d4
 Concen: 47.796 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059489.D
 Acq: 4 Dec 2019 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	240245		
67	54.1	0.0	107.4	

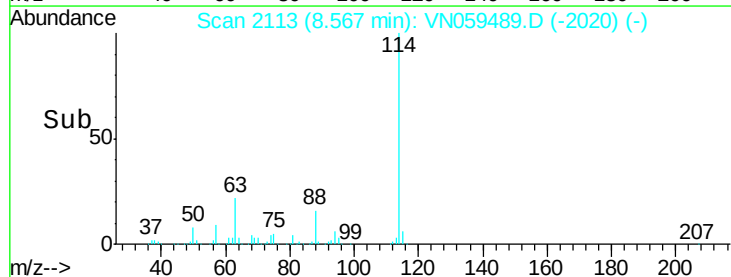
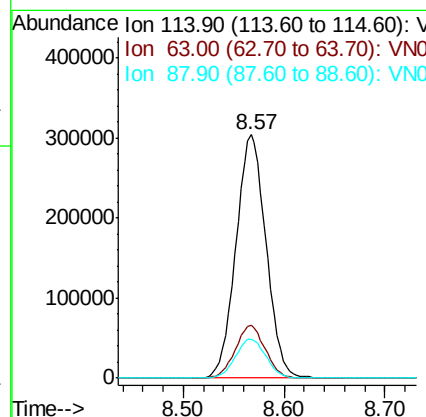
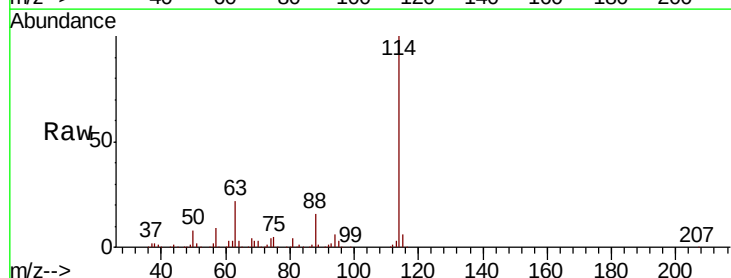
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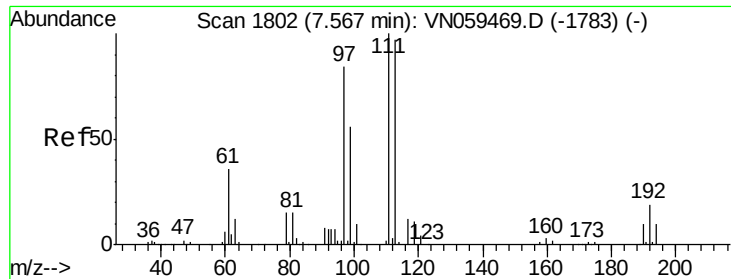
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059489.D
 Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	629914		
63	21.6	0.0	42.4	
88	16.0	0.0	32.8	





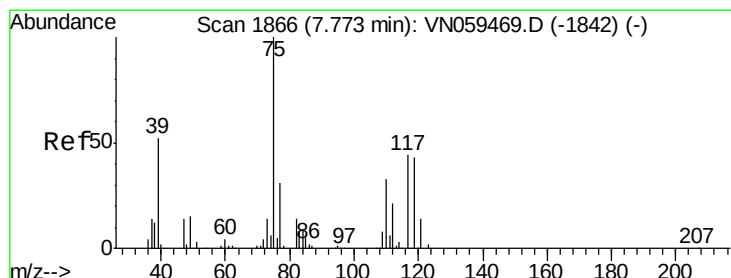
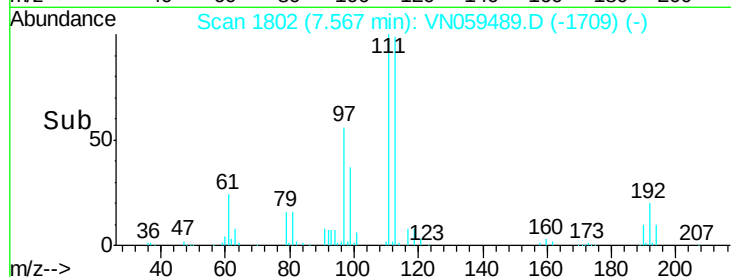
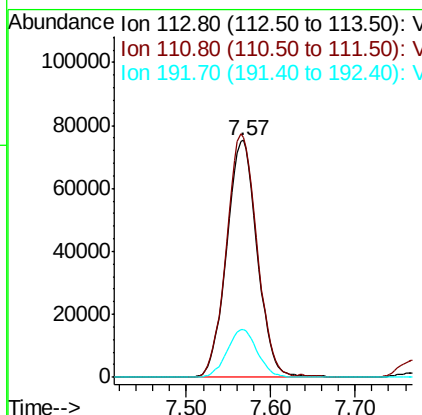
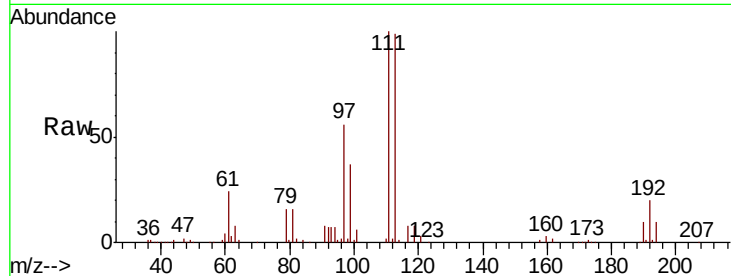
#35
 Dibromofluoromethane
 Concen: 48.328 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059489.D
 Acq: 4 Dec 2019 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	189605		
111	102.4	82.5	123.7	
192	19.9	16.1	24.1	

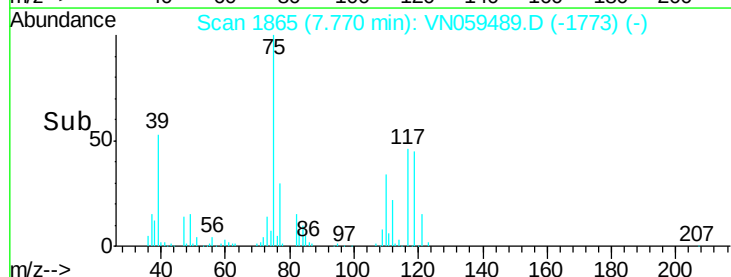
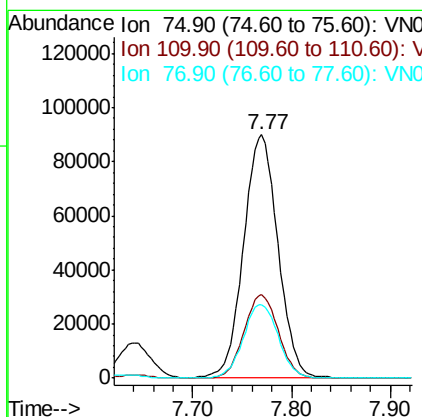
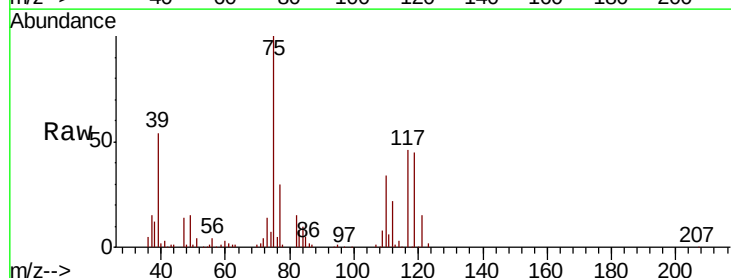
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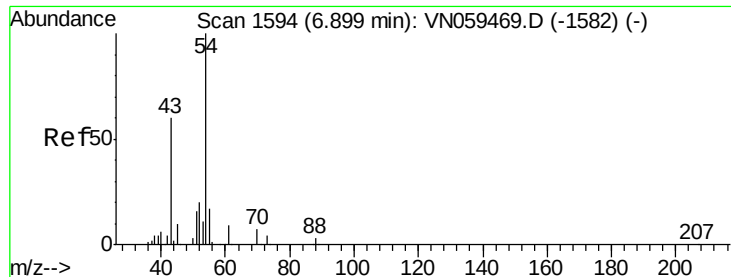
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#36
 1,1-Dichloropropene
 Concen: 32.858 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059489.D
 Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	215386		
110	34.4	16.9	50.7	
77	31.0	25.1	37.7	





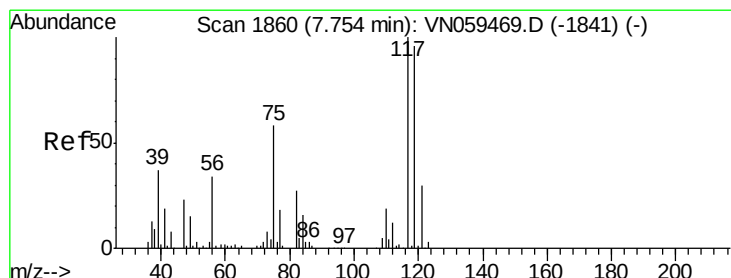
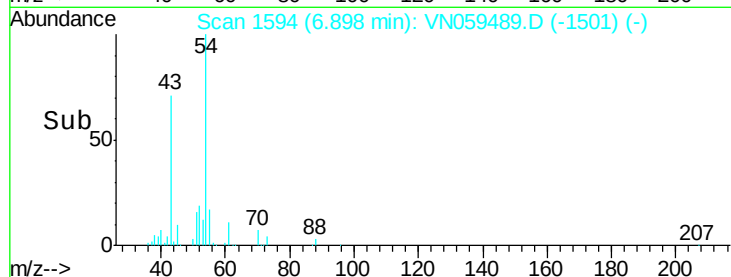
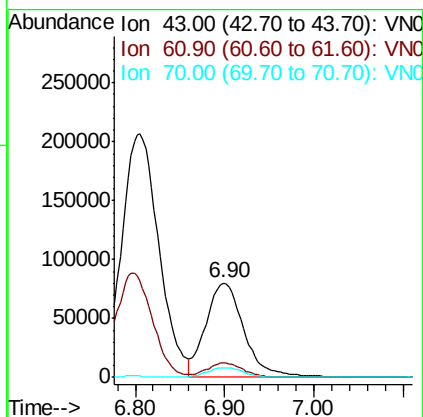
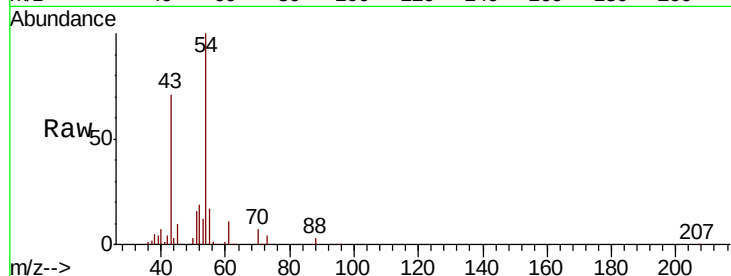
#37
Ethyl Acetate
Concen: 31.801 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	10.1	8.3	12.5

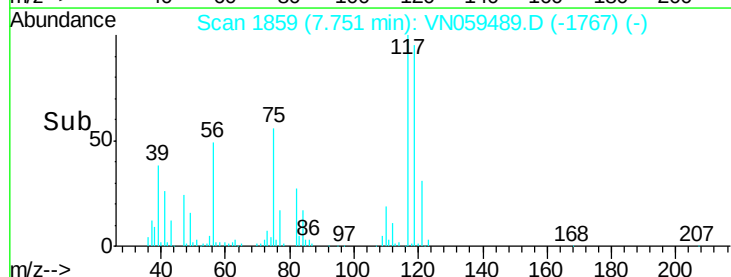
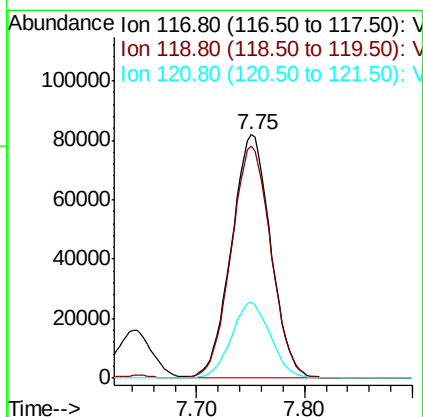
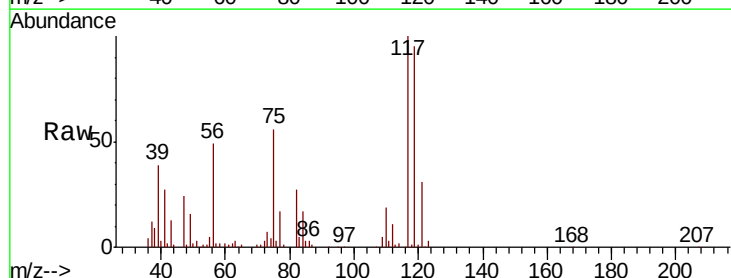
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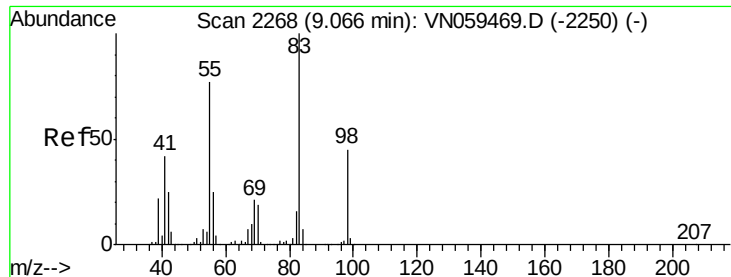
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#38
Carbon Tetrachloride
Concen: 32.957 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.6	114.8
121	31.0	24.0	36.0





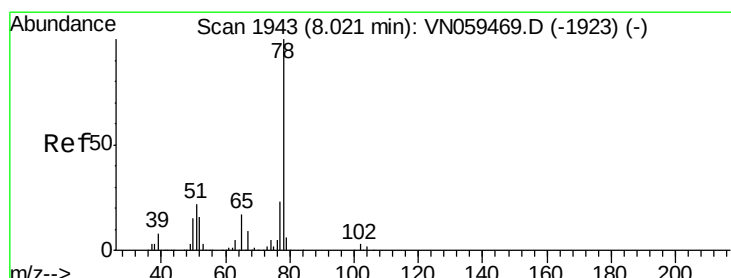
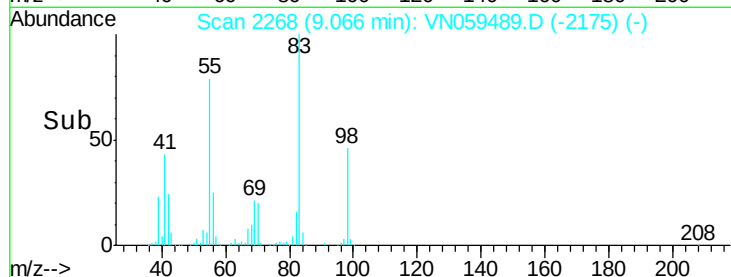
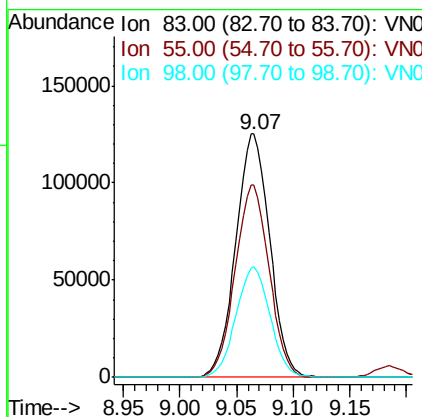
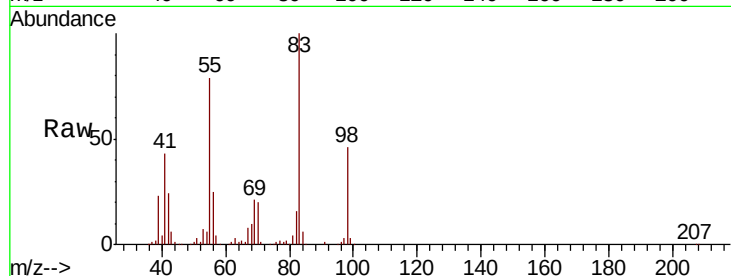
#39
Methylvlcyclohexane
Concen: 33.290 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.9	61.8	92.6
98	45.5	36.2	54.2

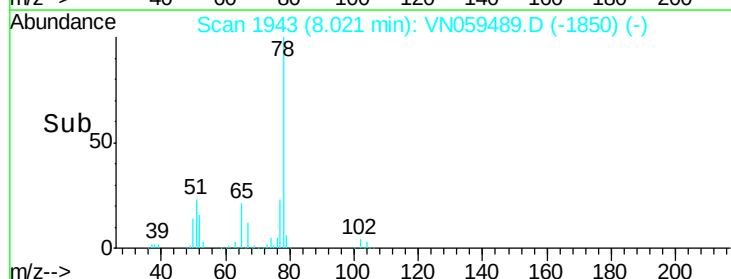
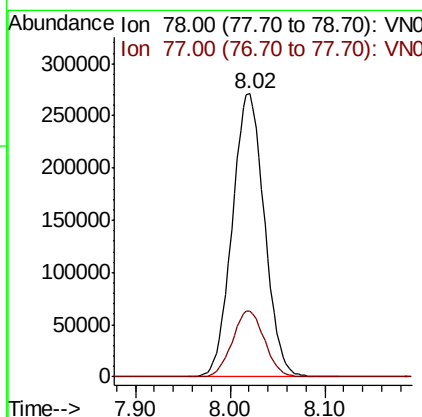
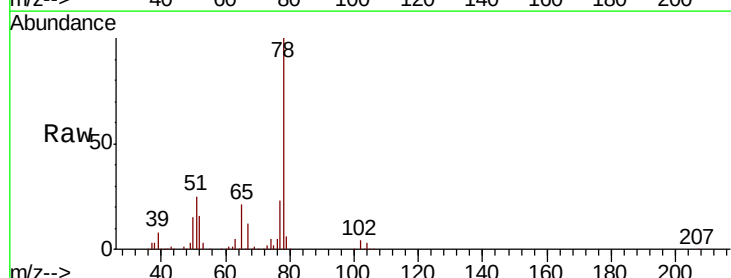
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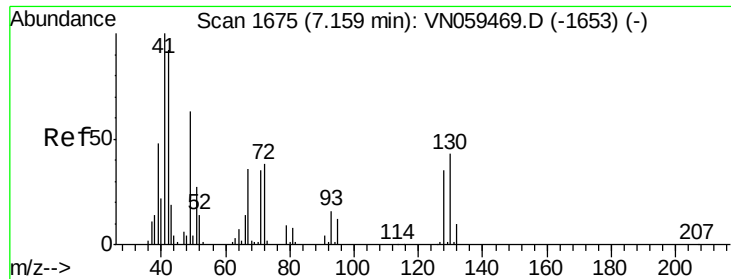
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#40
Benzene
Concen: 33.319 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.2	27.2





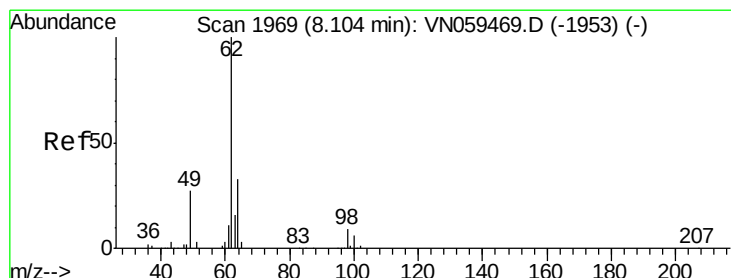
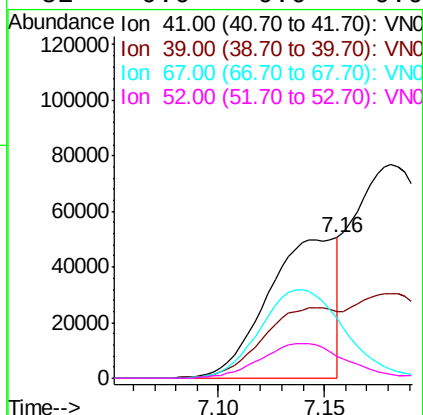
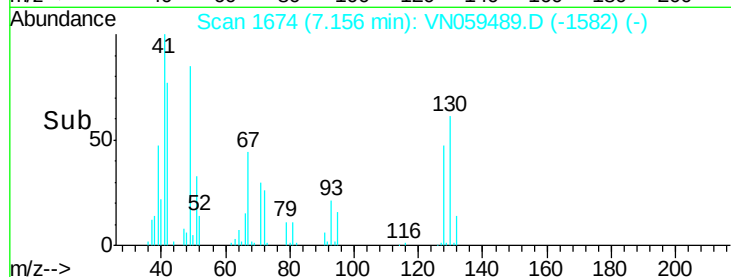
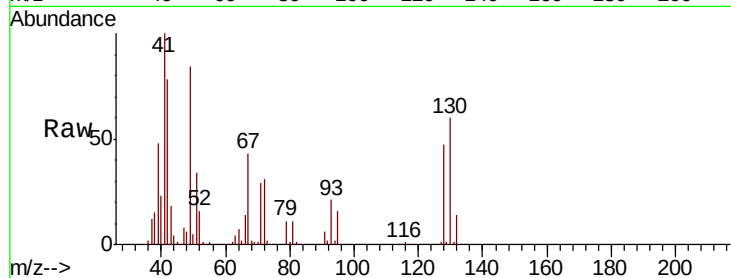
#41
Methacrylonitrile
Concen: 38.374 ug/l m
RT: 7.16 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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

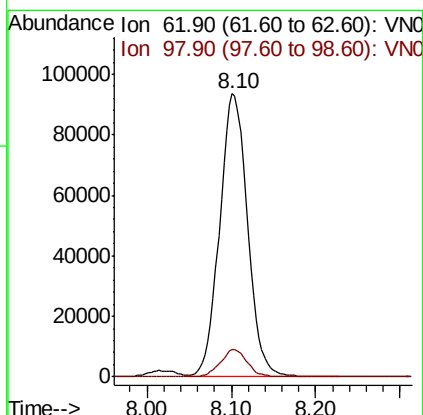
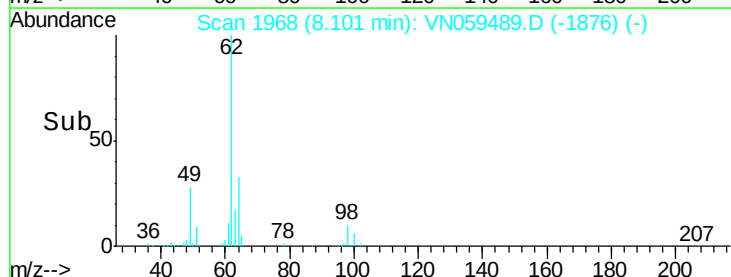
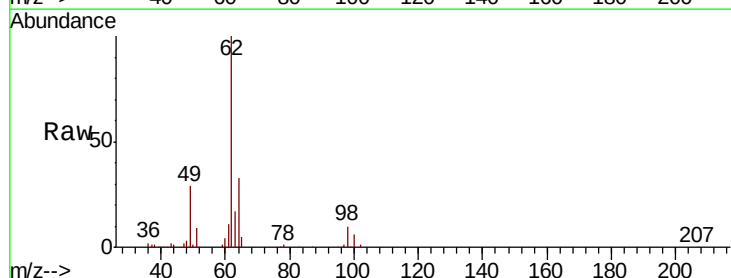
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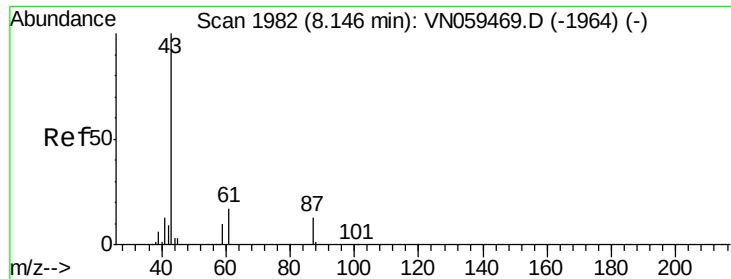
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#42
1,2-Dichloroethane
Concen: 33.047 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8





#43

Isopropyl Acetate

Concen: 33.278 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

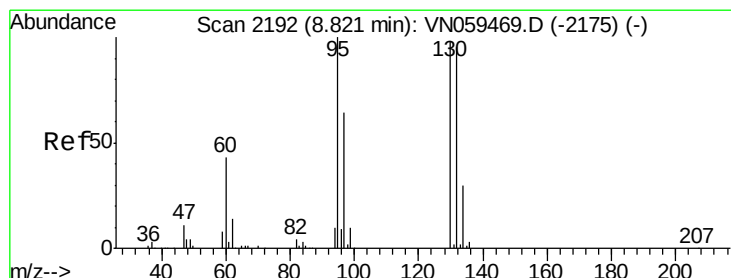
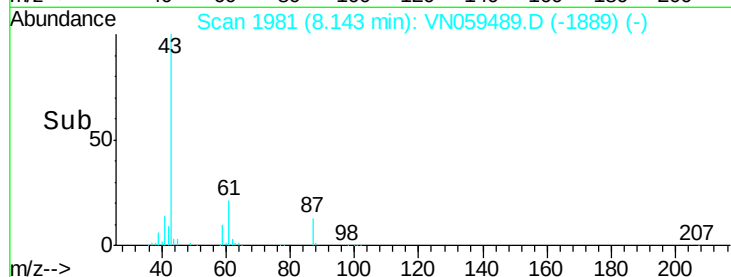
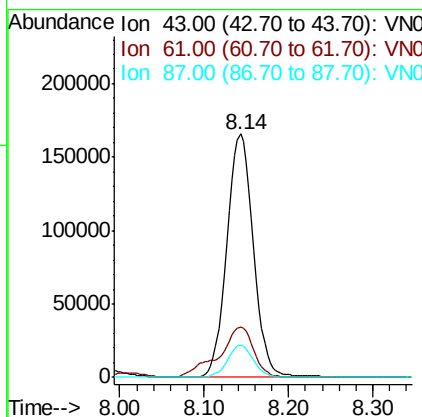
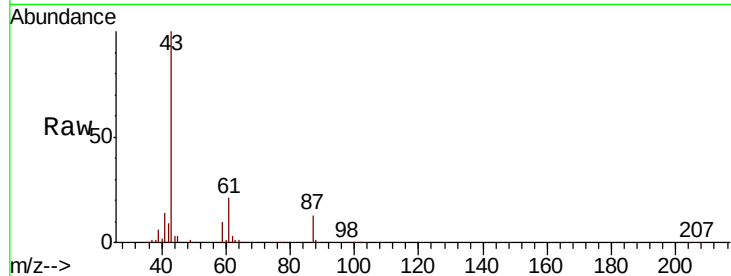
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	362405
Ion	Ratio	Lower	Upper
43	100		
61	27.1	21.0	31.6
87	12.9	10.4	15.6

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#44

Trichloroethene

Concen: 32.436 ug/l

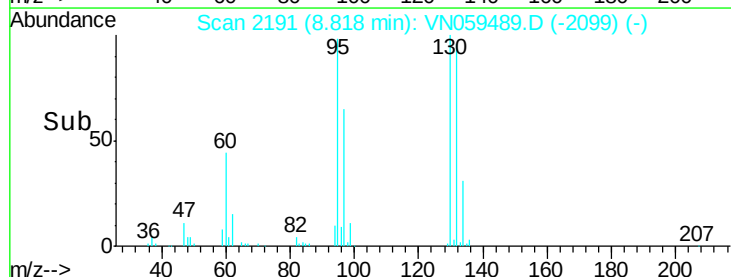
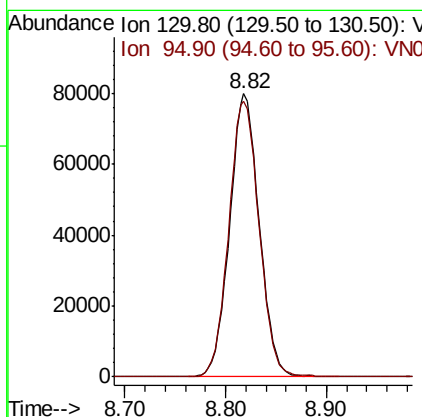
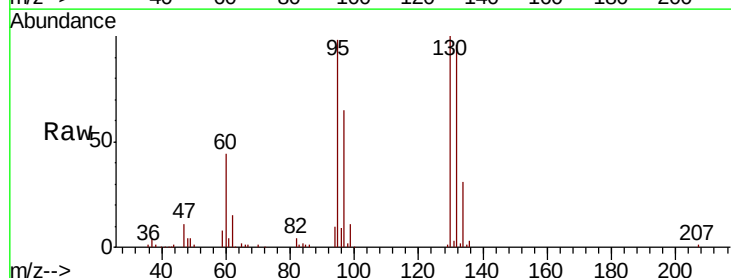
RT: 8.82 min Scan# 2191

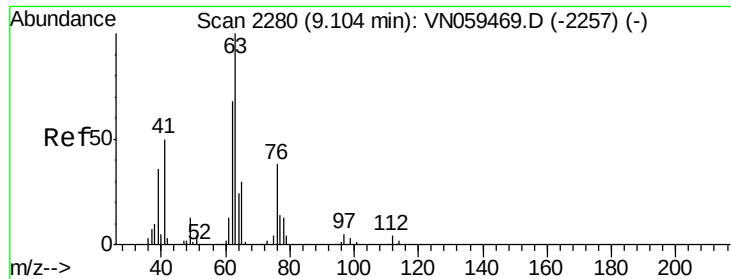
Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Tgt Ion:	130	Resp:	162708
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	203.6





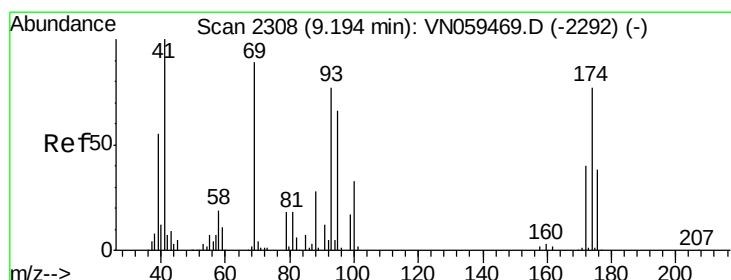
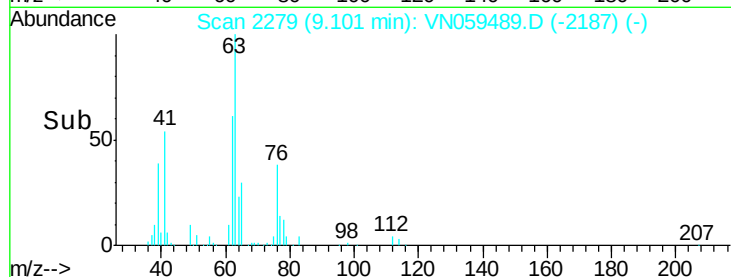
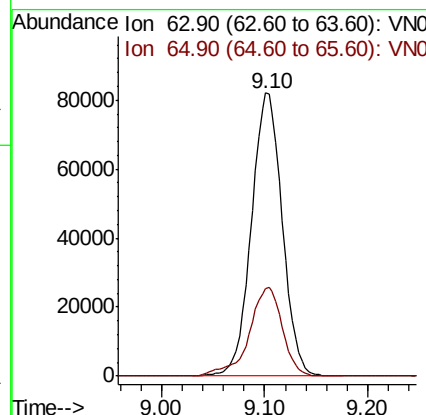
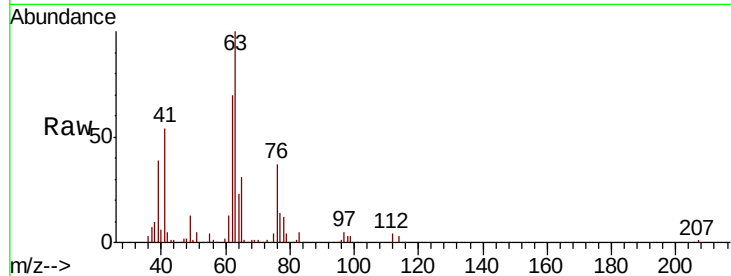
#45
 1,2-Dichloropropane
 Concen: 33.180 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN059489.D
 Acq: 4 Dec 2019 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 170157
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.4 36.6

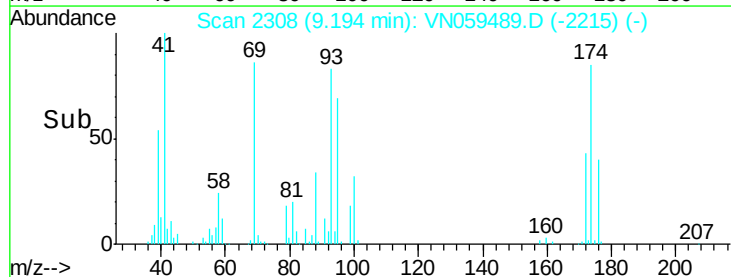
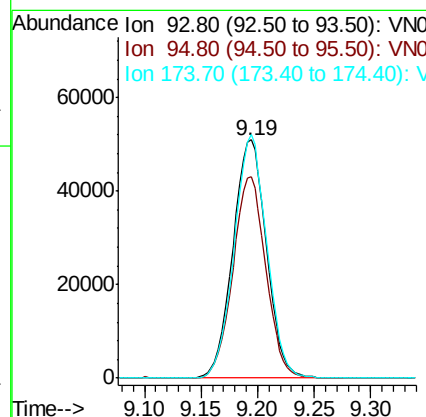
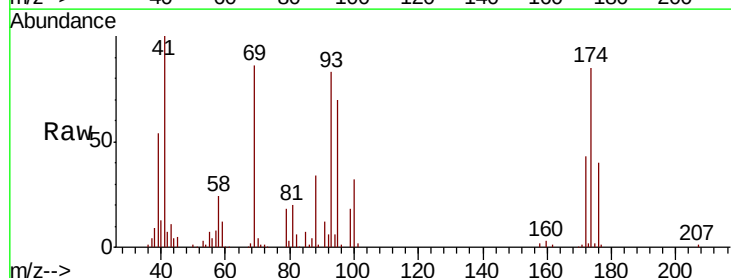
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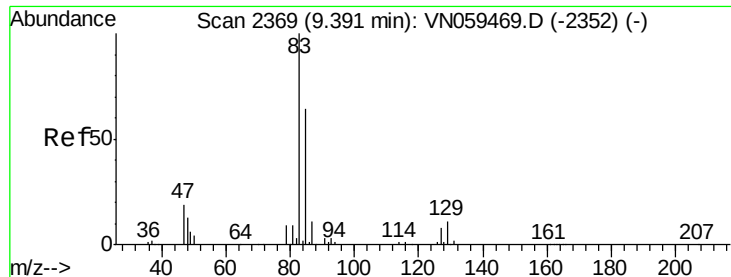
apatel
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#46
 Dibromomethane
 Concen: 32.998 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN059489.D
 Acq: 4 Dec 2019 17:27

Tgt Ion: 93 Resp: 105359
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.0 100.6
 174 99.0 79.6 119.4





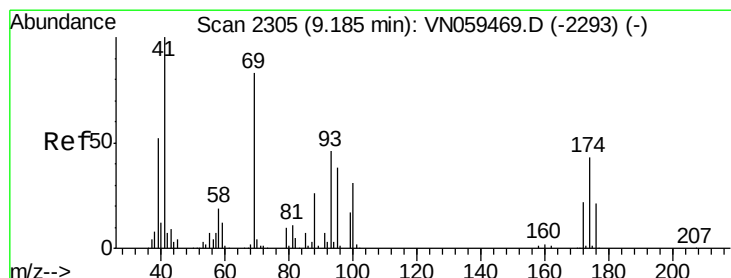
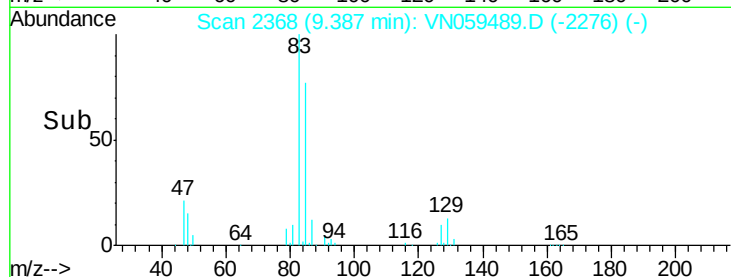
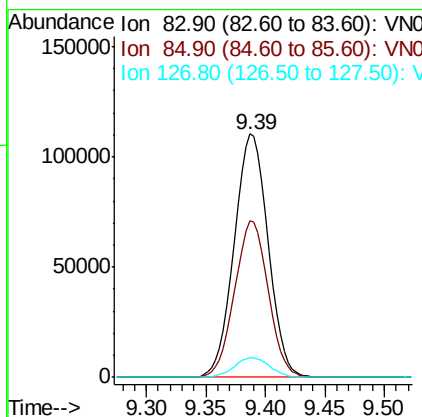
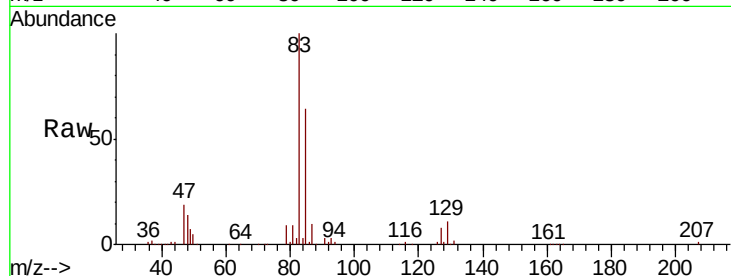
#47
Bromodichloromethane
Concen: 34.070 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	218112		
85	64.1	51.0	76.6	
127	8.1	6.6	9.8	

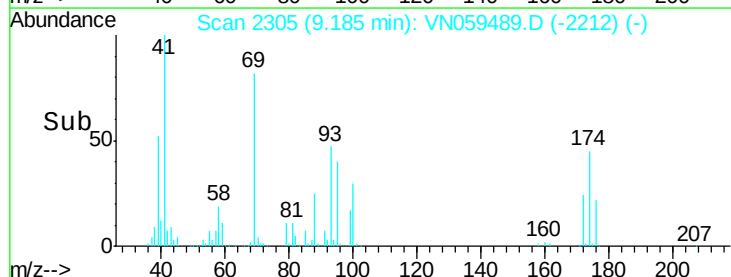
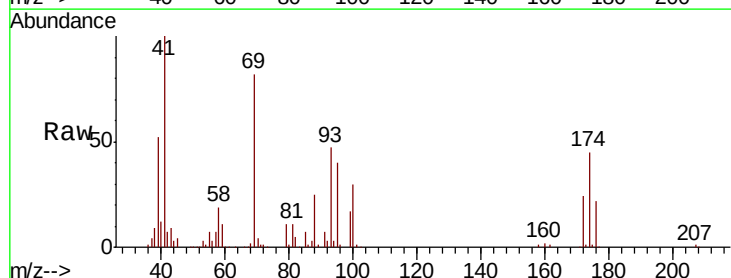
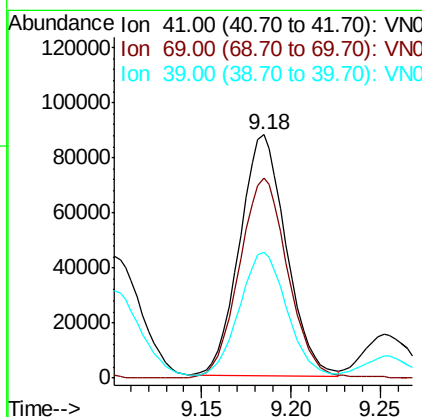
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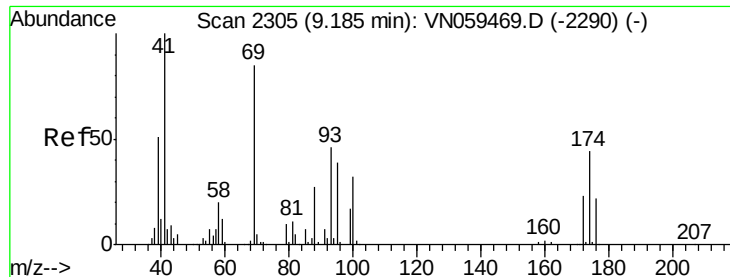
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#48
Methyl methacrylate
Concen: 32.414 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	159254		
69	86.9	68.6	103.0	
39	54.0	43.2	64.8	





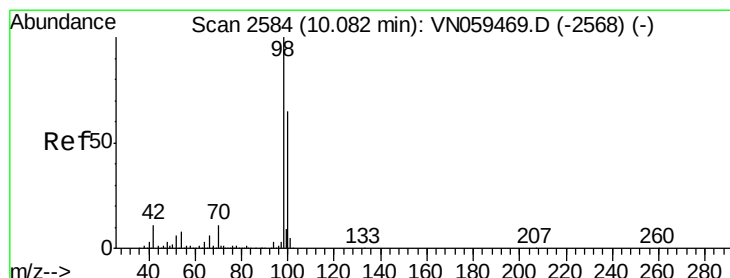
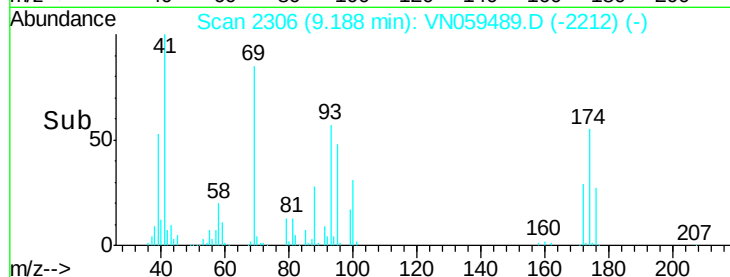
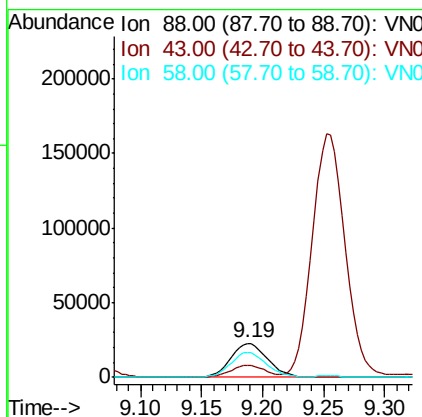
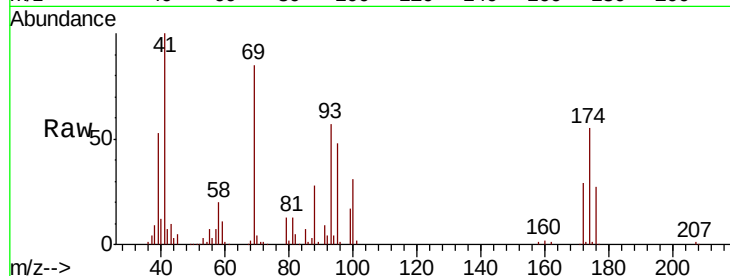
#49
1,4-Dioxane
Concen: 642.629 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	47776
Ion	Ratio	Lower	Upper
88	100		
43	33.9	27.1	40.7
58	72.3	57.8	86.6

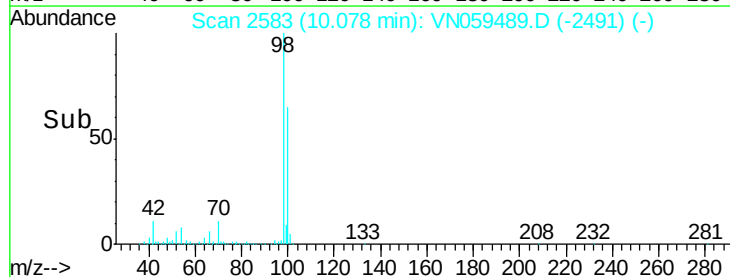
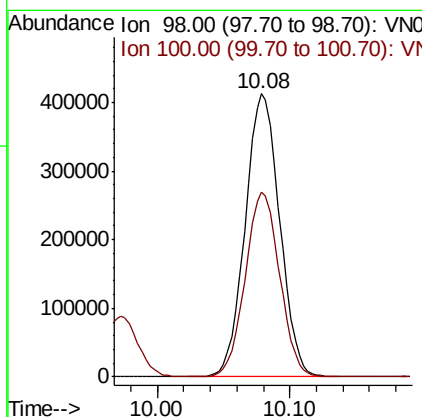
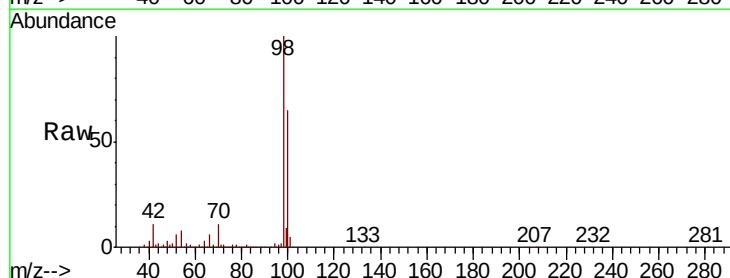
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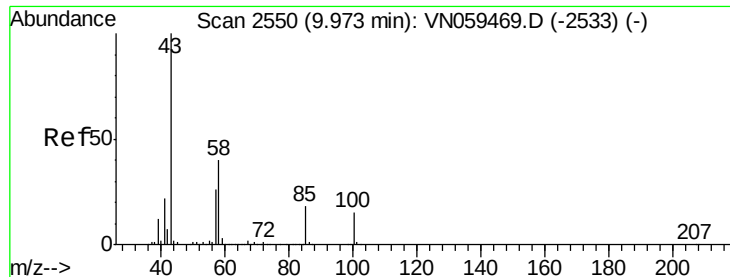
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#50
Toluene-d8
Concen: 48.173 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion	98	Resp	745168
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 169.509 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1095758

Ion Ratio Lower Upper

43 100

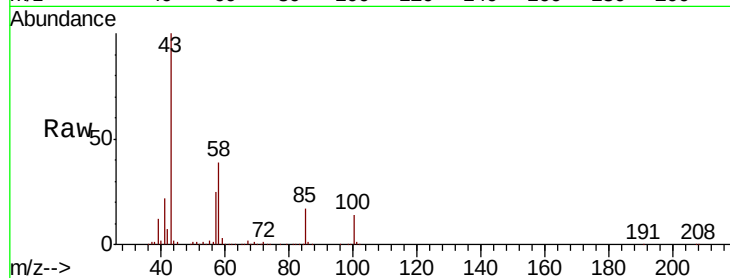
58 39.4 32.1 48.1

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

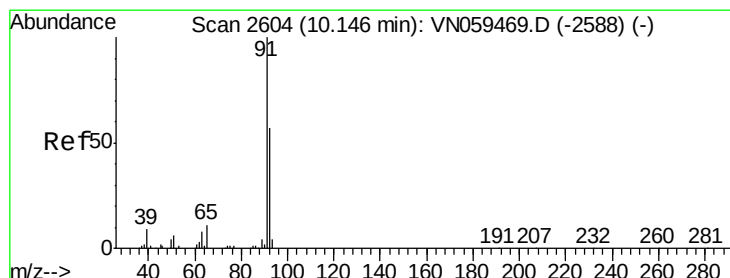
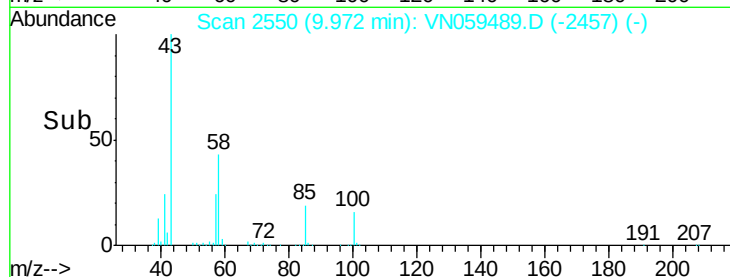
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 33.385 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059489.D

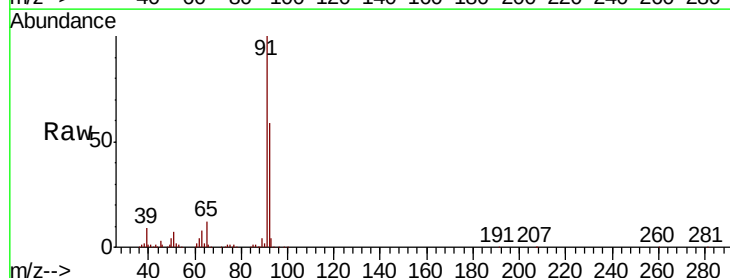
Acq: 4 Dec 2019 17:27

Tgt Ion: 92 Resp: 387576

Ion Ratio Lower Upper

92 100

91 171.8 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

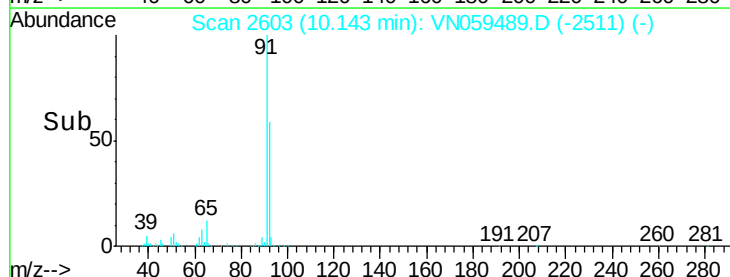
300000

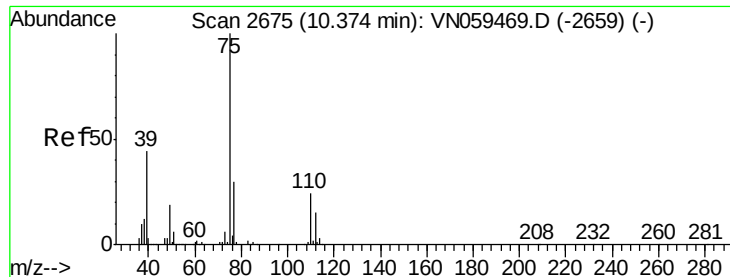
200000

100000

0

Time-->





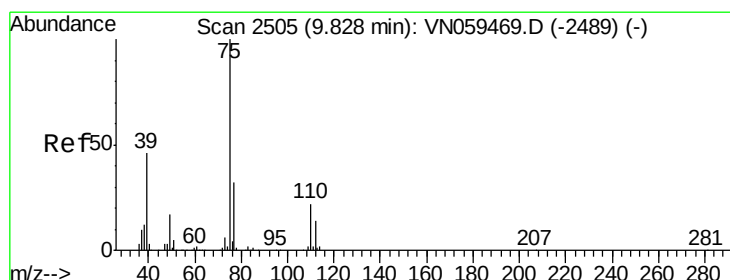
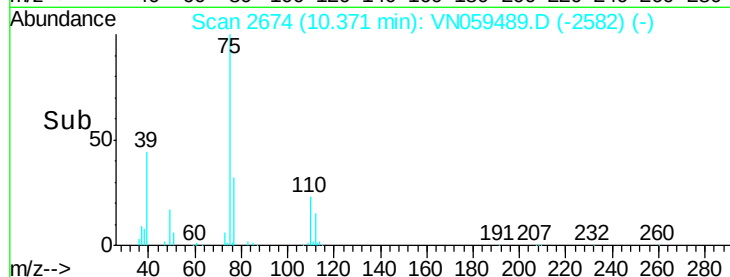
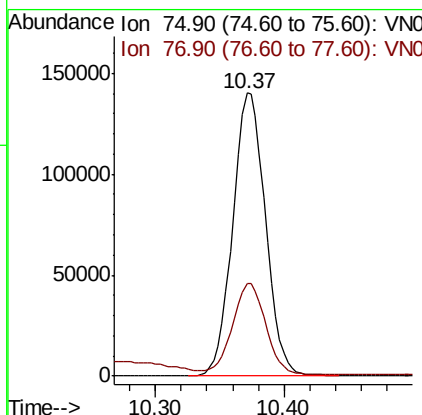
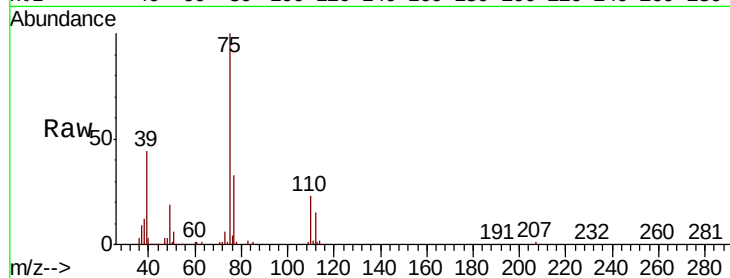
#53
t-1,3-Dichloropropene
Concen: 32.867 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.0	37.6

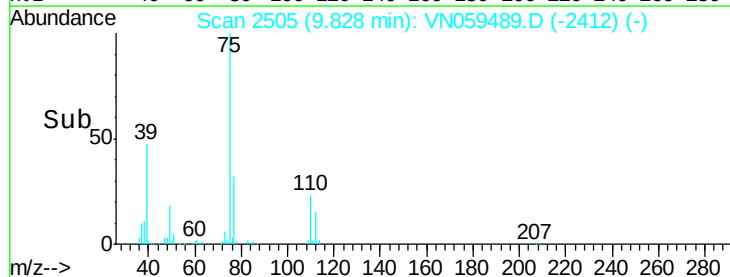
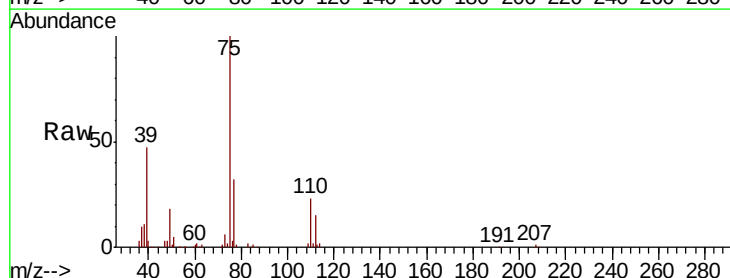
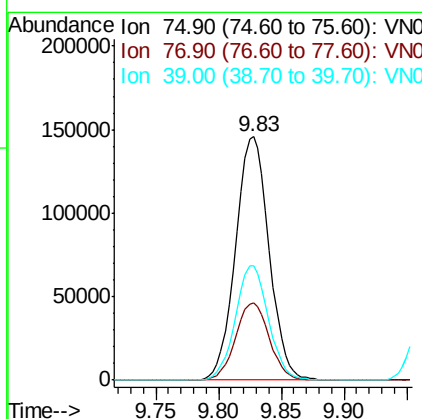
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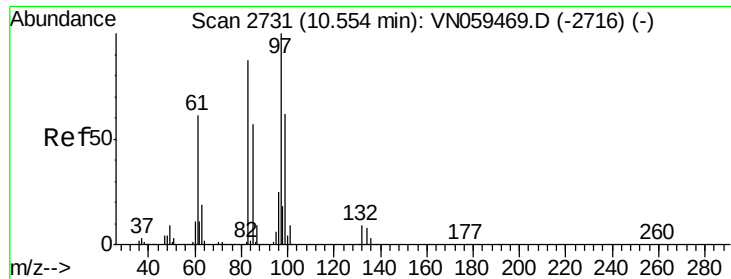
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#54
cis-1,3-Dichloropropene
Concen: 33.854 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.7	38.5
39	46.7	36.6	54.8





#55

1,1,2-Trichloroethane

Concen: 33.037 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

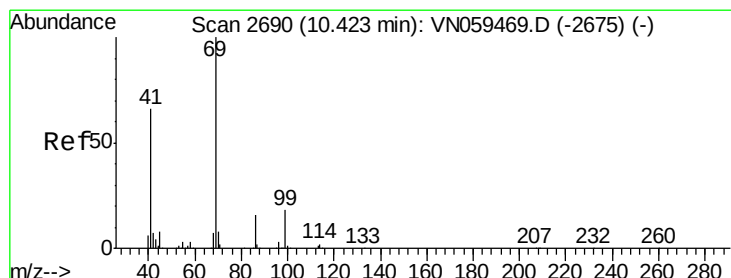
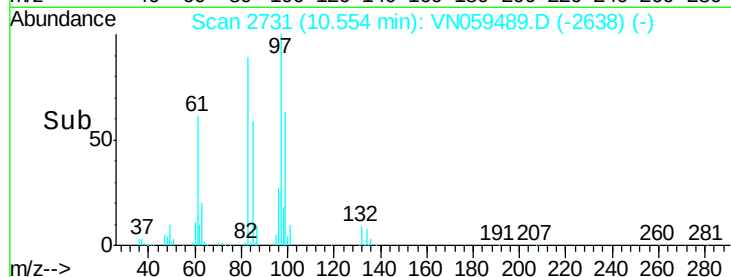
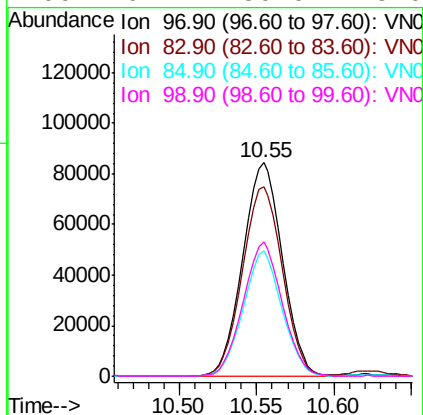
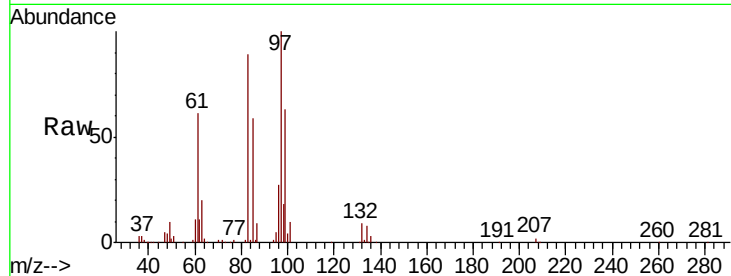
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	151193
Ion	Ratio	Lower	Upper
97	100		
83	89.0	69.8	104.8
85	58.7	45.5	68.3
99	62.7	50.0	75.0

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#56

Ethyl methacrylate

Concen: 31.612 ug/l

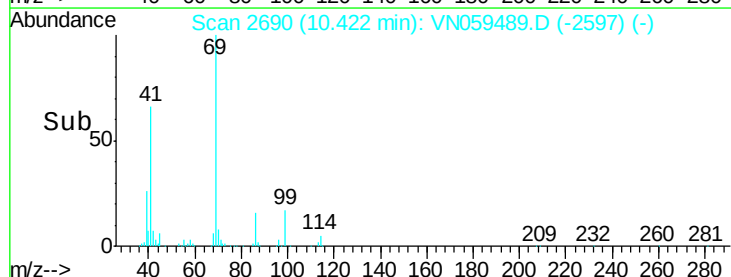
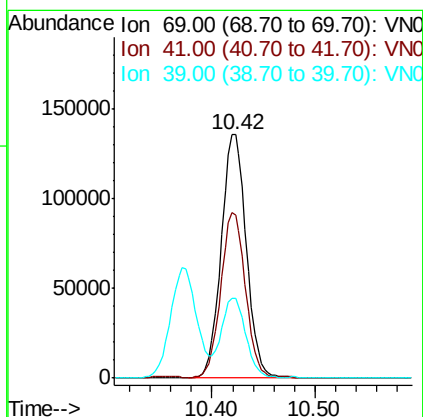
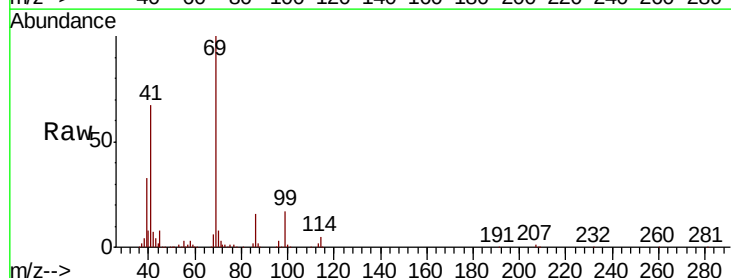
RT: 10.42 min Scan# 2690

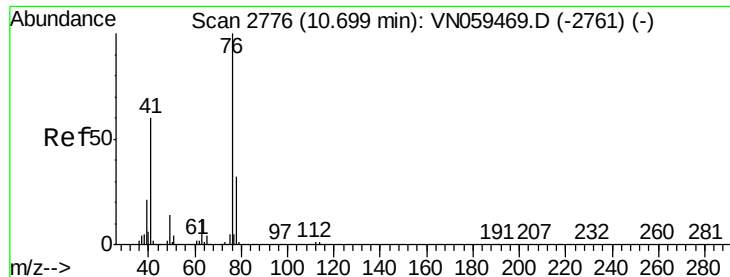
Delta R.T. 0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Tgt Ion:	69	Resp:	230144
Ion	Ratio	Lower	Upper
69	100		
41	66.3	52.7	79.1
39	31.4	25.0	37.6





#57

1,3-Dichloropropane

Concen: 33.302 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 263556

Ion Ratio Lower Upper

76 100

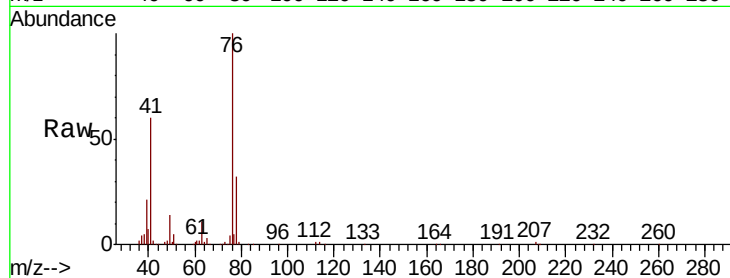
78 32.4 25.8 38.8

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

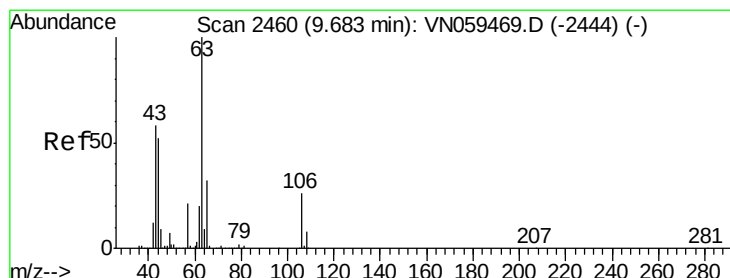
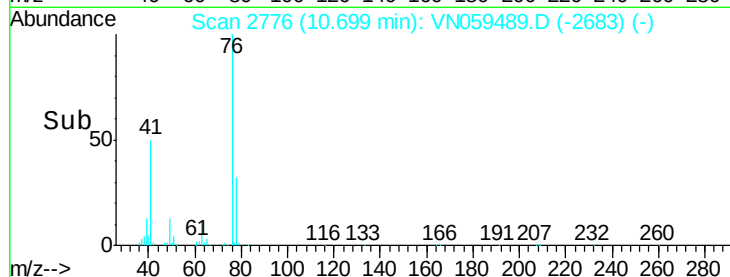
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 88.159 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059489.D

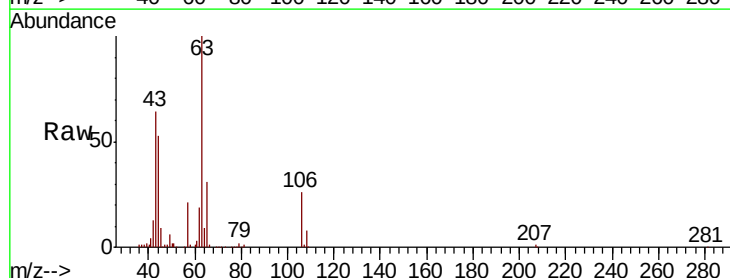
Acq: 4 Dec 2019 17:27

Tgt Ion: 63 Resp: 195171

Ion Ratio Lower Upper

63 100

106 25.6 20.4 30.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

120000

100000

80000

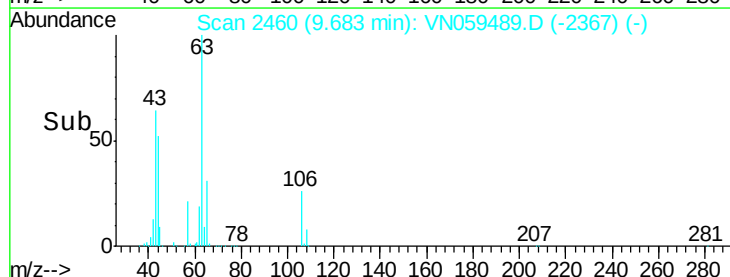
60000

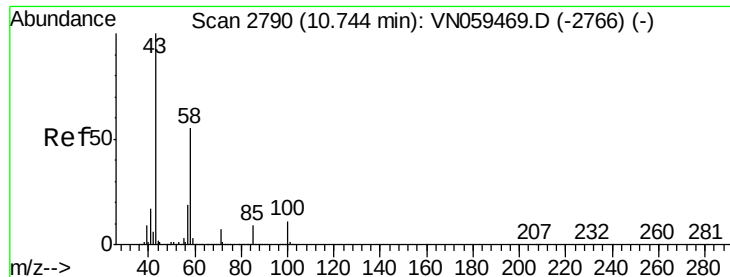
40000

20000

0

Time-->





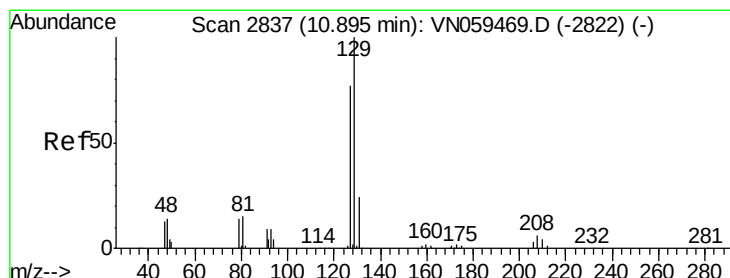
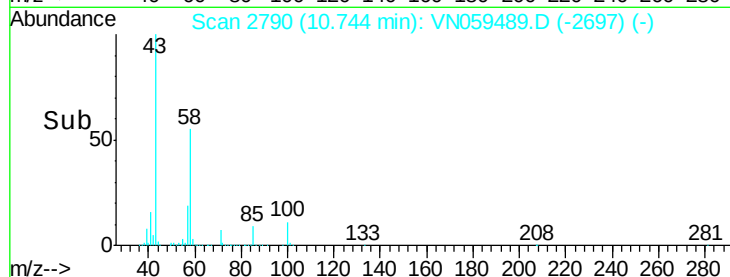
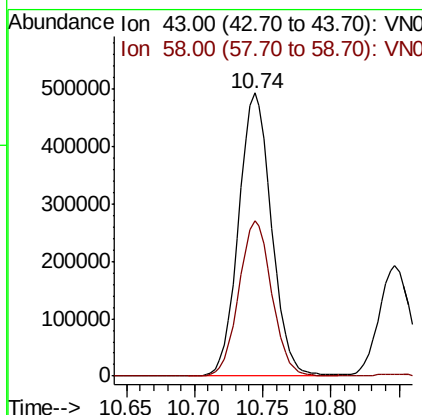
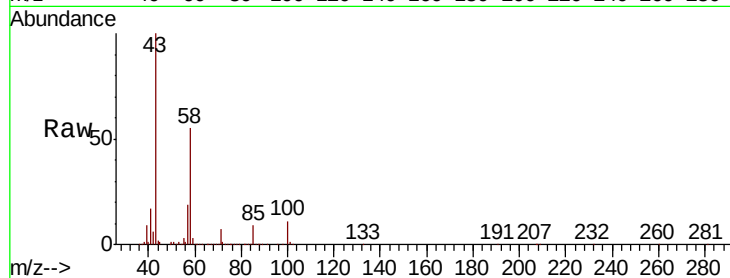
#59
2-Hexanone
Concen: 169.479 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 824490
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.0

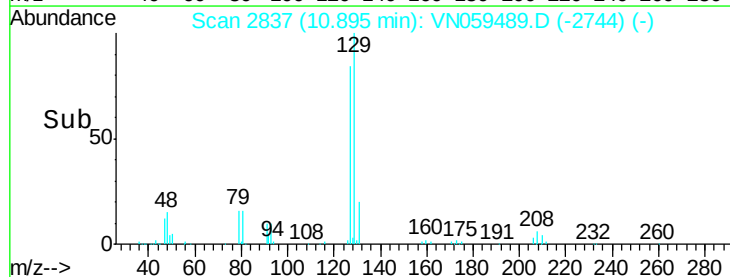
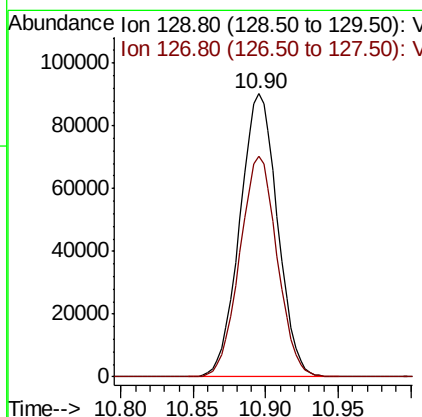
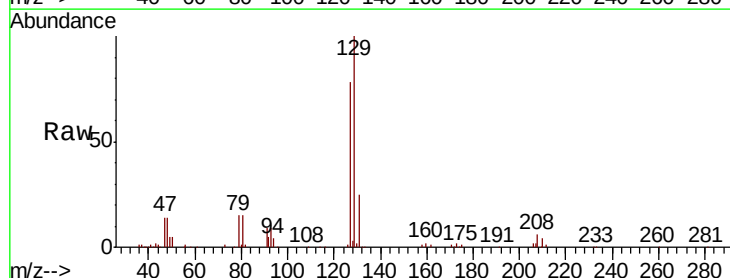
Manual Integrations
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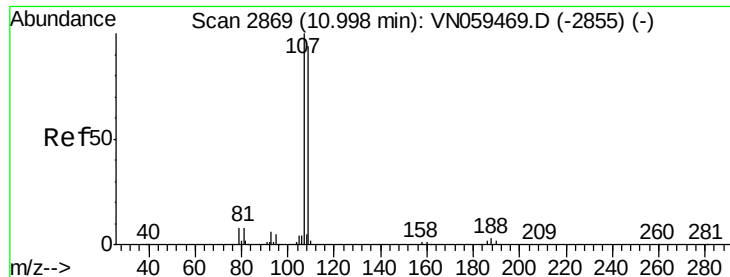
apatel
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#60
Dibromochloromethane
Concen: 33.396 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion: 129 Resp: 163191
Ion Ratio Lower Upper
129 100
127 77.4 39.0 116.9





#61

1,2-Dibromoethane

Concen: 33.306 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 157499

Ion Ratio Lower Upper

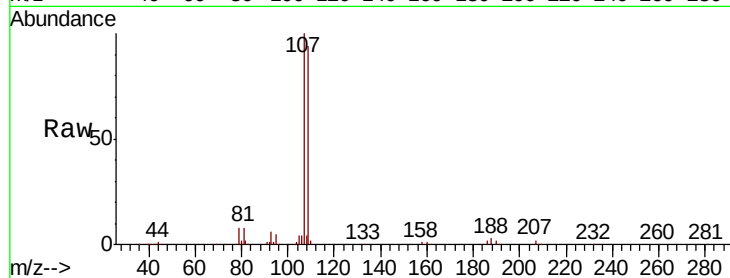
107 100

109 93.5 75.4 113.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

80000

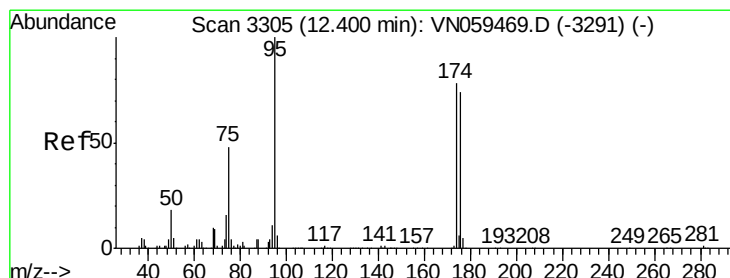
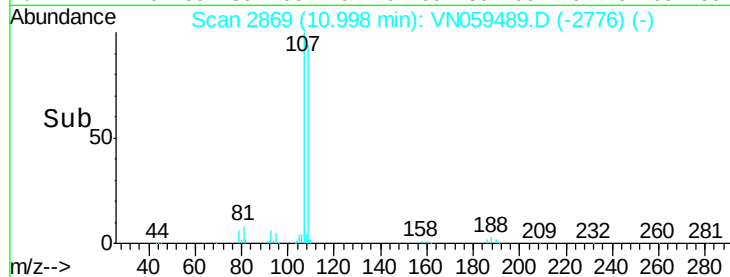
60000

40000

20000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 47.945 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

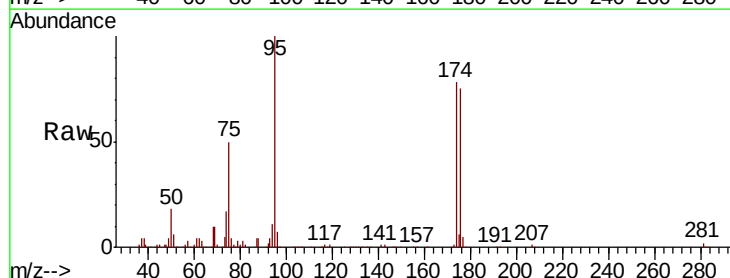
Tgt Ion: 95 Resp: 259006

Ion Ratio Lower Upper

95 100

174 78.6 0.0 157.0

176 76.2 0.0 152.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

200000

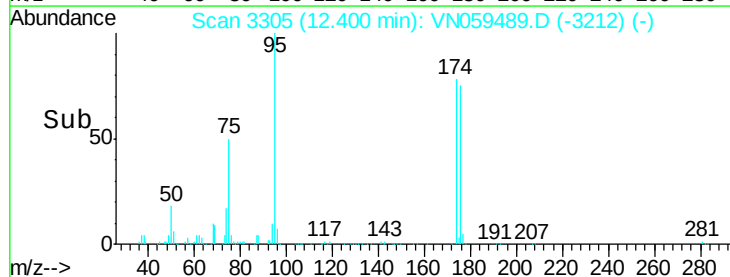
150000

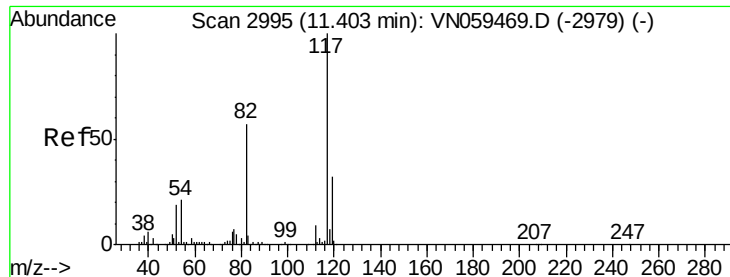
100000

50000

0

Time--> 12.35 12.40 12.45





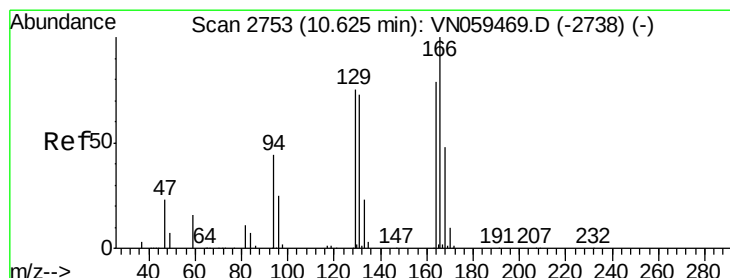
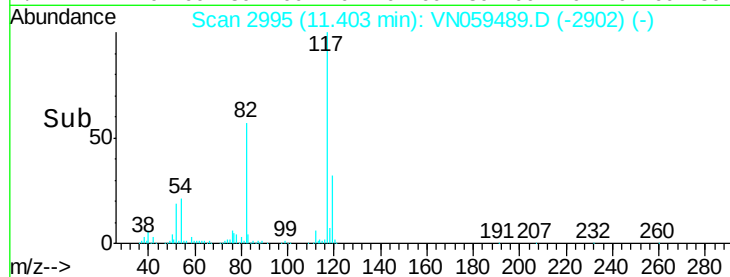
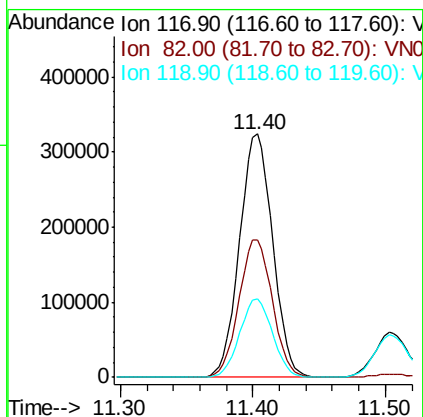
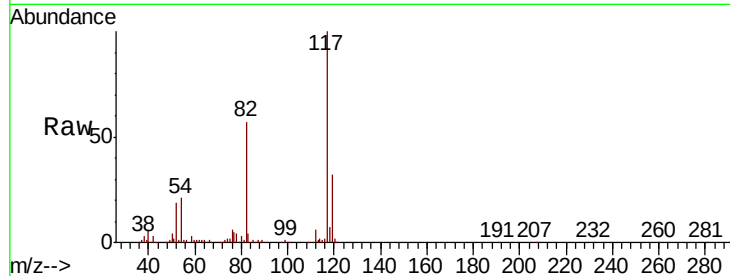
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.8	68.8
119	32.1	25.4	38.0

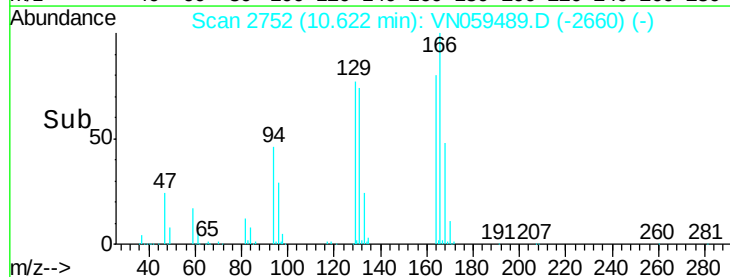
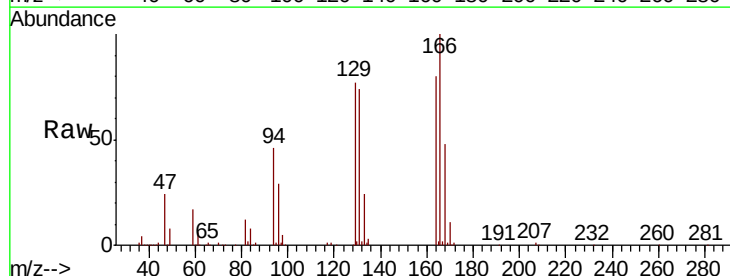
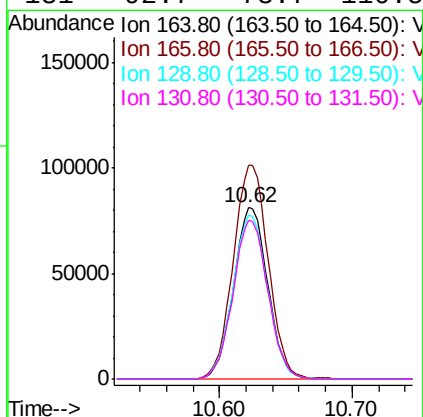
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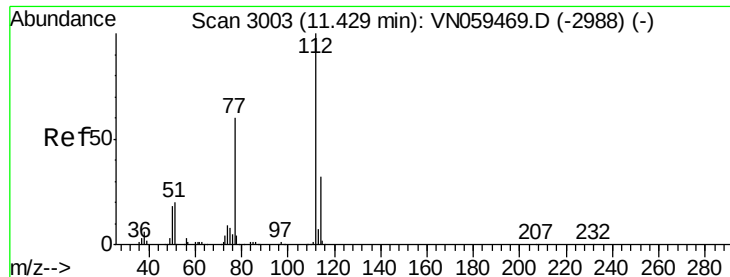
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#64
Tetrachloroethene
Concen: 30.487 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.4	101.2	151.8
129	95.7	76.1	114.1
131	92.7	73.7	110.5





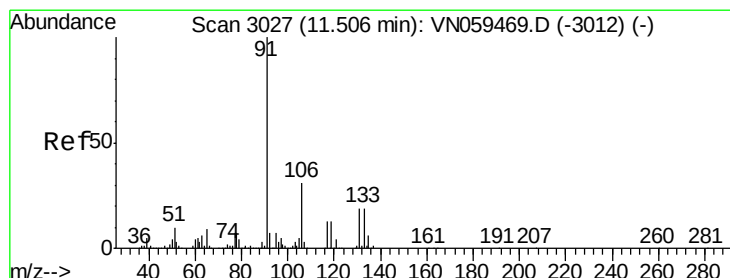
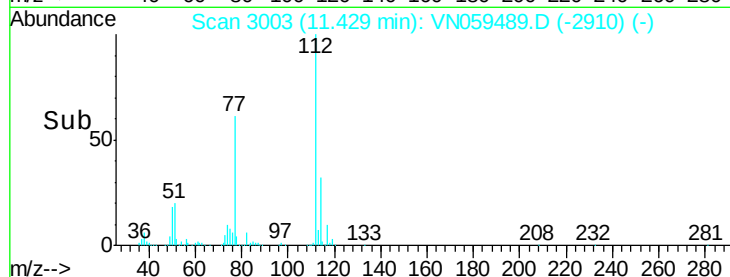
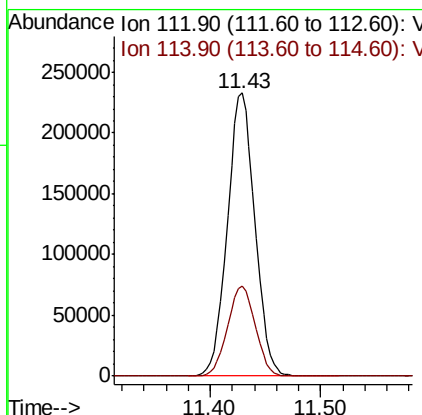
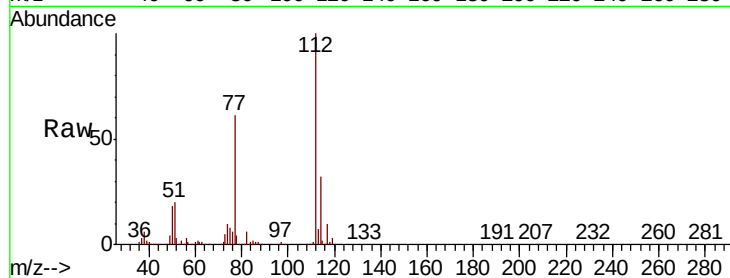
#65
Chlorobenzene
Concen: 32.684 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 402194
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

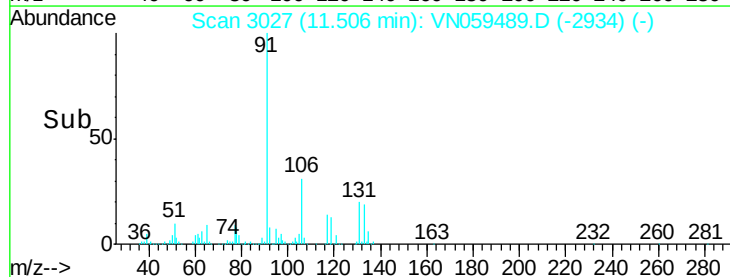
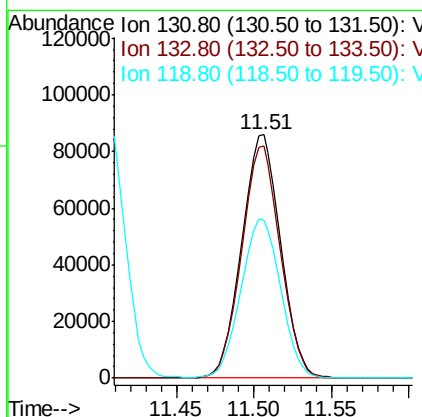
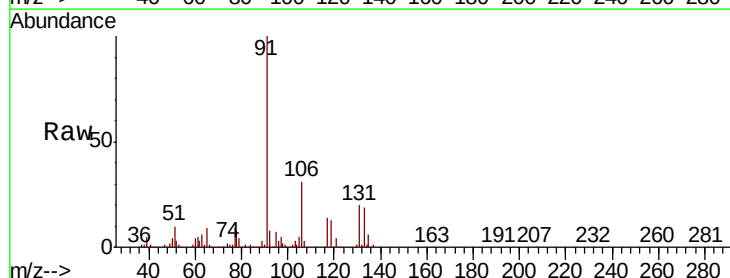
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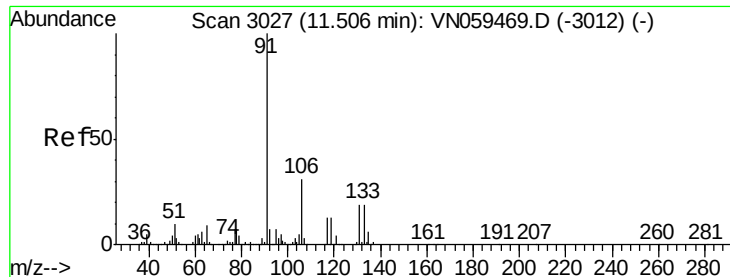
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#66
1,1,1,2-Tetrachloroethane
Concen: 33.993 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion:131 Resp: 150304
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 66.8 33.9 101.6





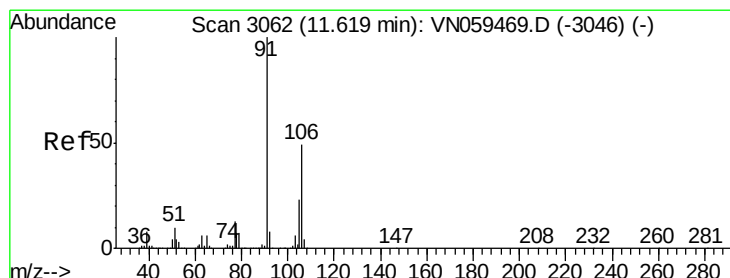
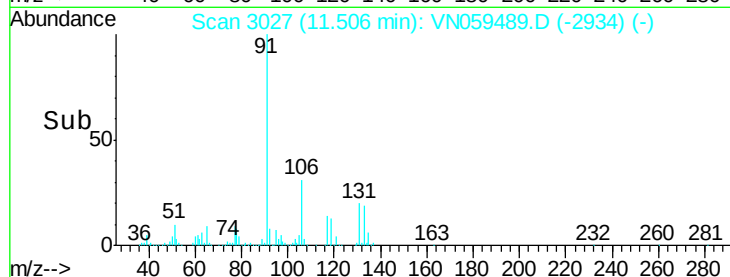
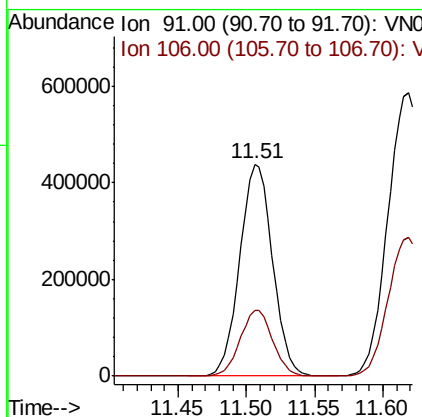
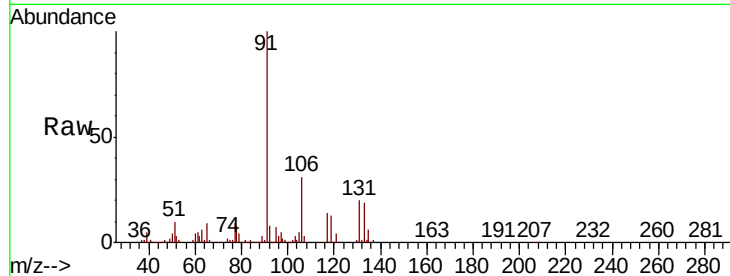
#67
Ethyl Benzene
Concen: 33.979 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 732592
Ion Ratio Lower Upper
91 100
106 31.1 24.7 37.1

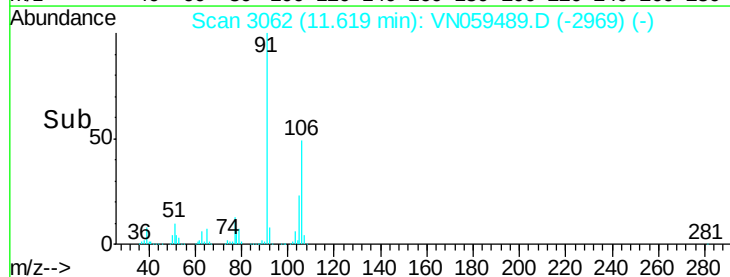
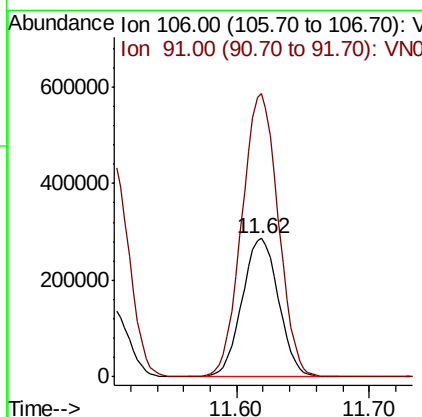
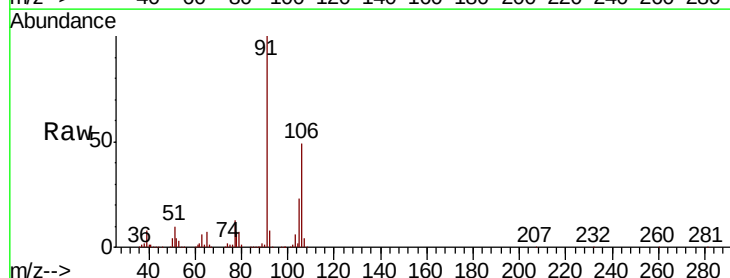
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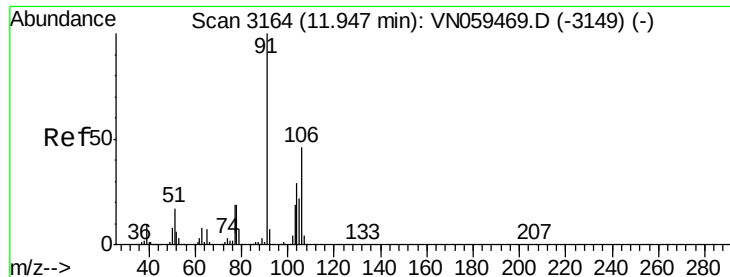
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#68
m/p-Xylenes
Concen: 67.939 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion: 106 Resp: 545412
Ion Ratio Lower Upper
106 100
91 204.7 162.2 243.4





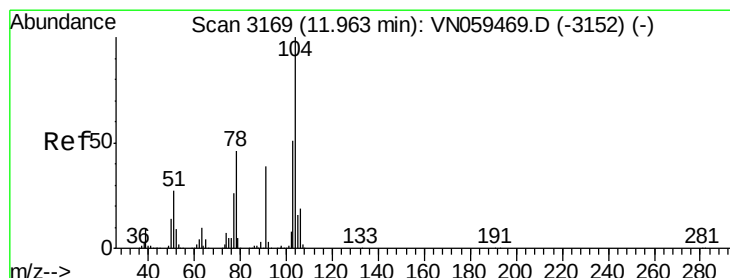
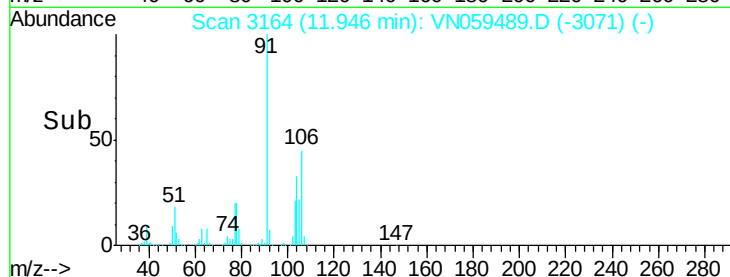
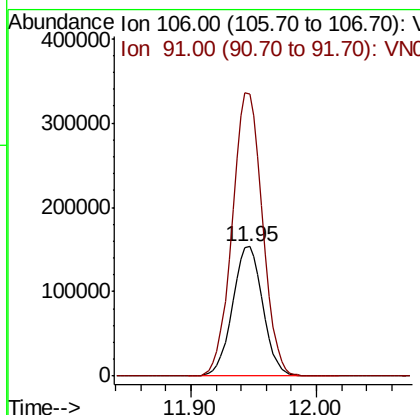
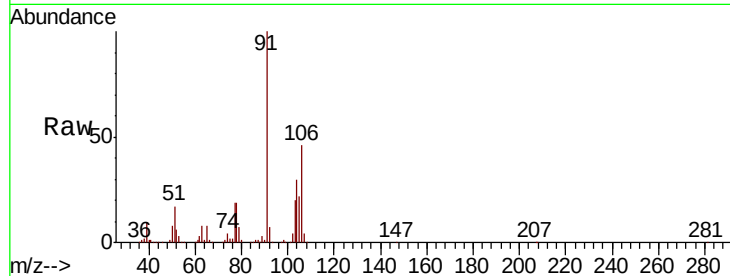
#69
o-Xylene
Concen: 33.726 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	218.2	108.5	325.3	

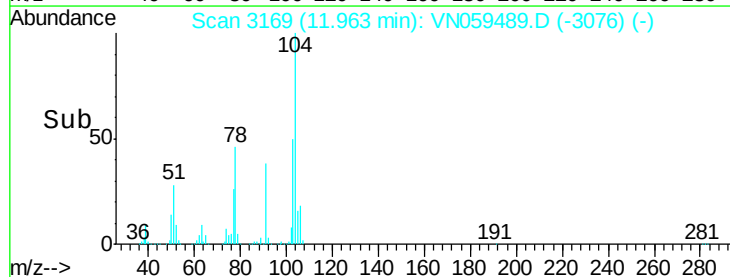
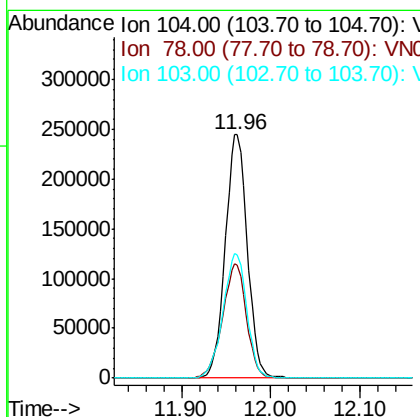
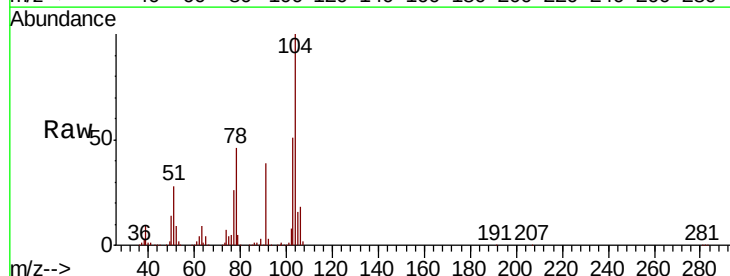
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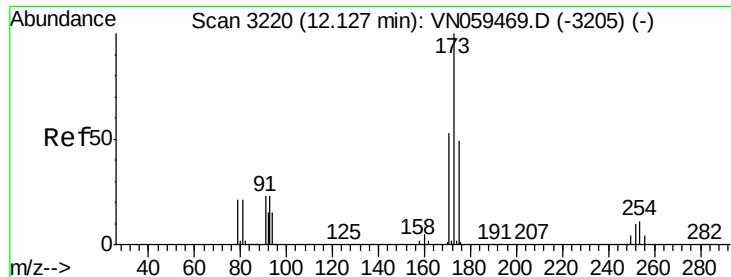
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#70
Styrene
Concen: 34.377 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	50.6	41.0	61.4	
103	55.3	44.7	67.1	





#71

Bromoform

Concen: 33.369 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 115008

Ion Ratio Lower Upper

173 100

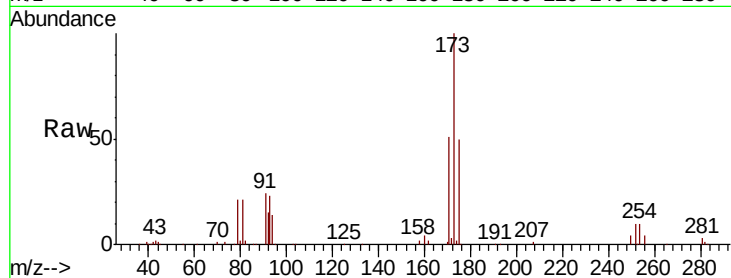
175 49.5 24.3 73.0

254 0.0 0.0 0.0

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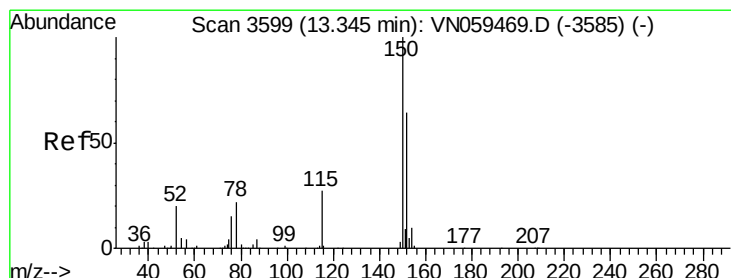
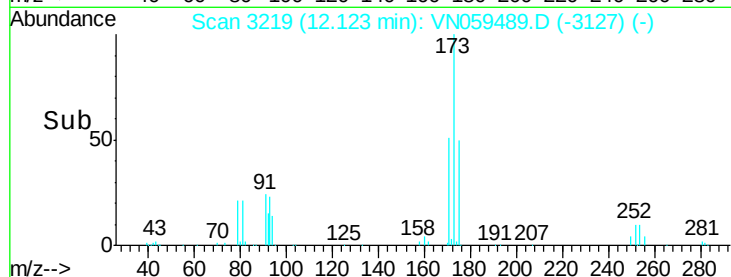
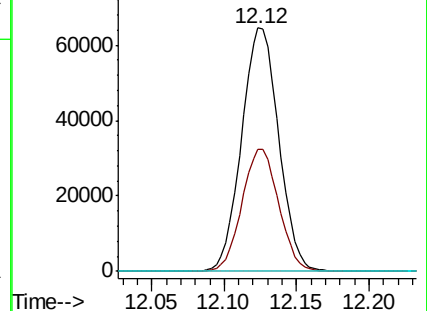
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

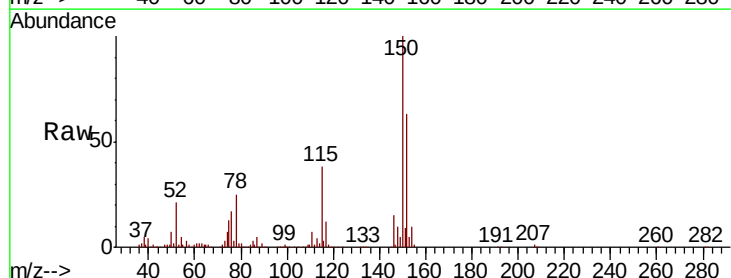
Tgt Ion:152 Resp: 260291

Ion Ratio Lower Upper

152 100

115 60.5 29.2 87.6

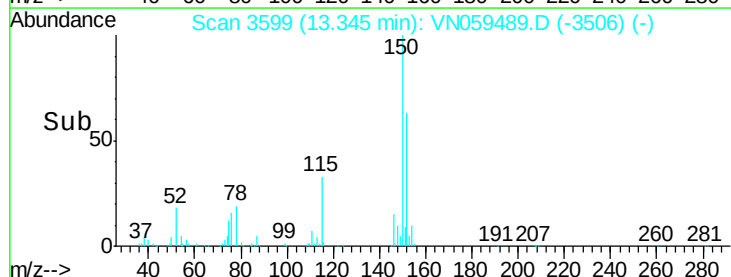
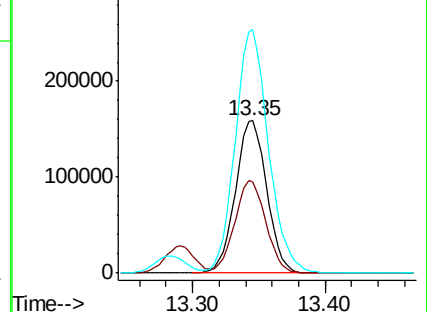
150 169.2 0.0 352.8

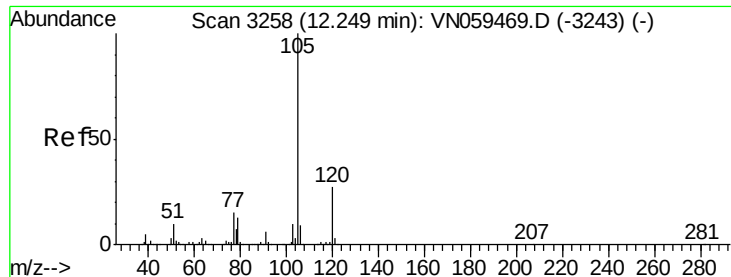


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 33.447 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 698192

Ion Ratio Lower Upper

105 100

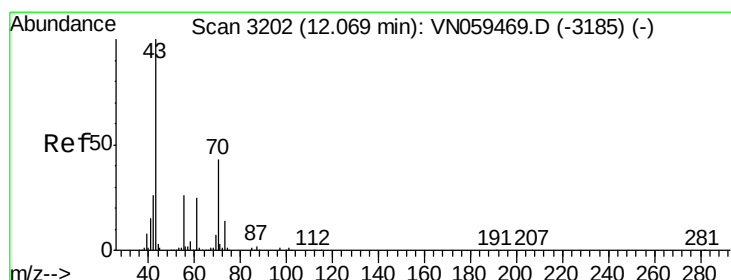
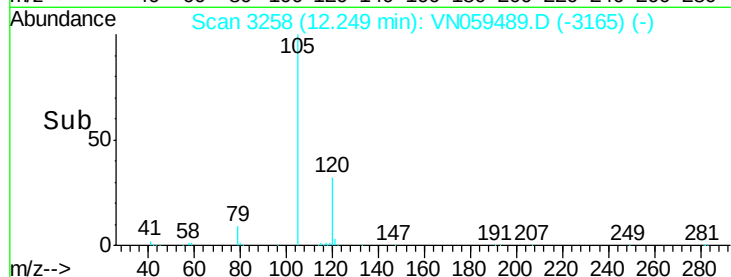
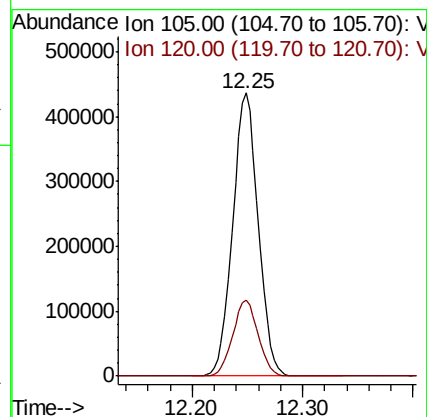
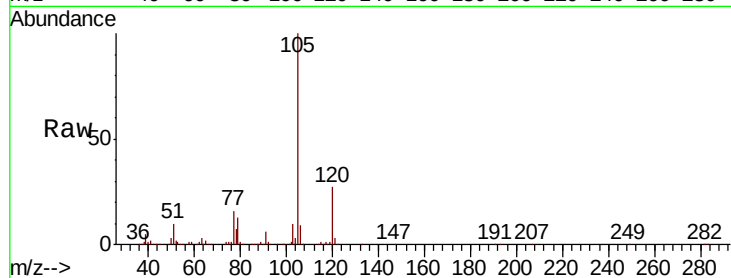
120 26.8 13.2 39.6

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#74

N-ethyl acetate

Concen: 32.794 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Tgt Ion: 43 Resp: 275734

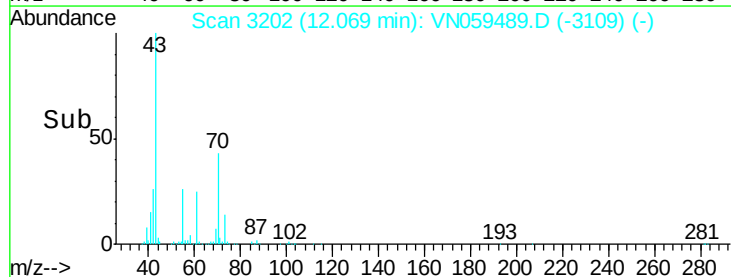
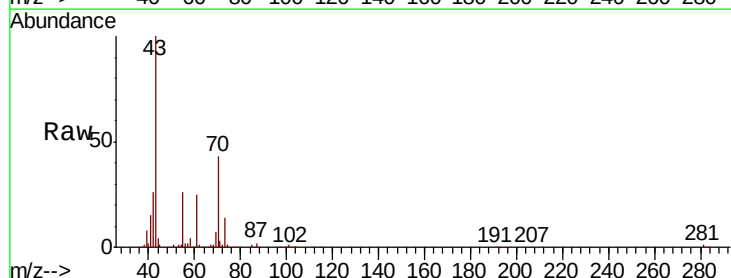
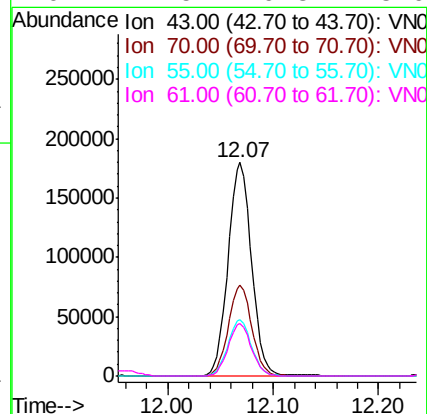
Ion Ratio Lower Upper

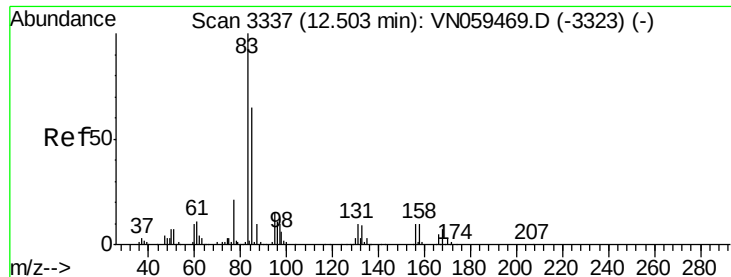
43 100

70 42.9 34.2 51.2

55 26.7 20.6 31.0

61 24.5 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 33.149 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

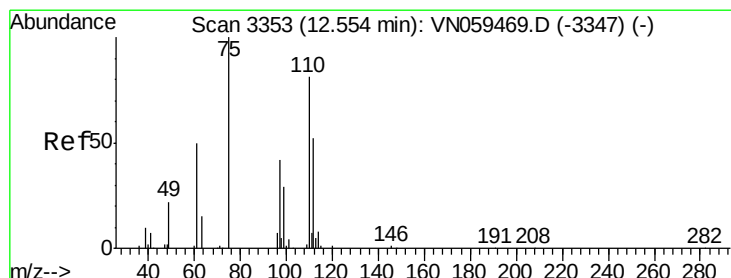
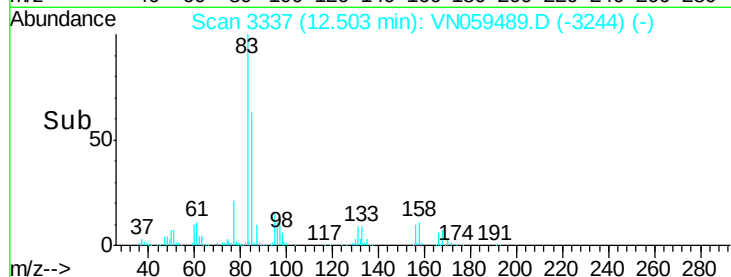
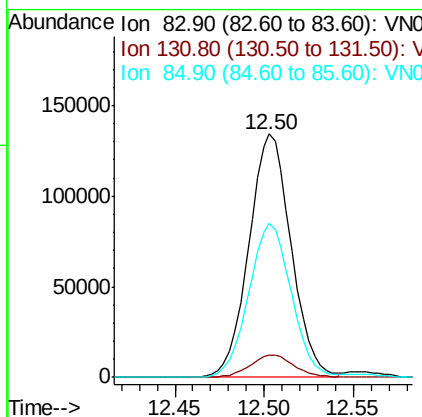
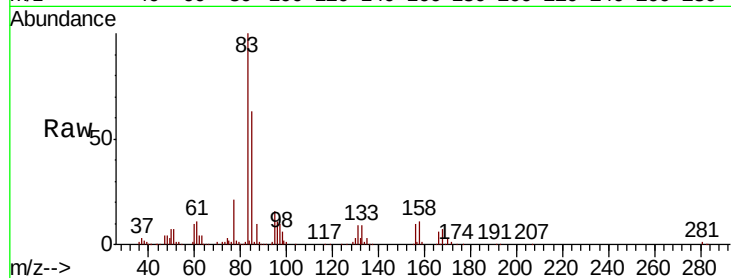
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	221961
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	63.8	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 29.786 ug/l m

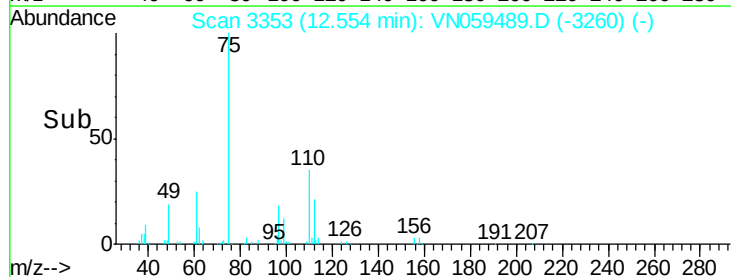
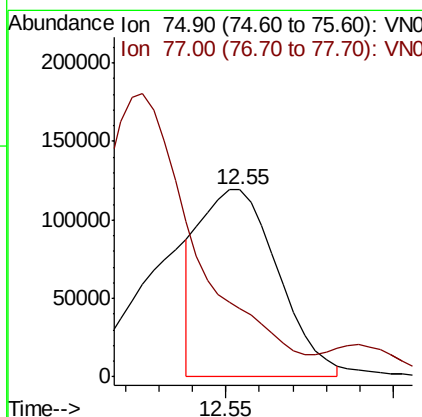
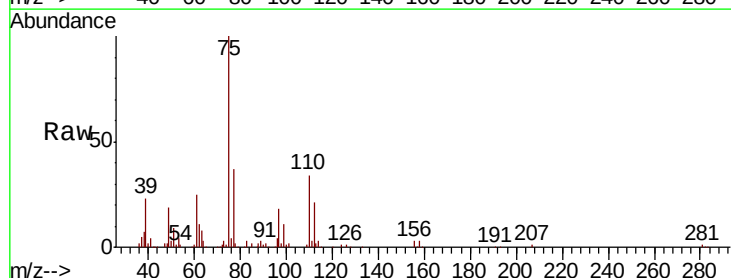
RT: 12.55 min Scan# 3353

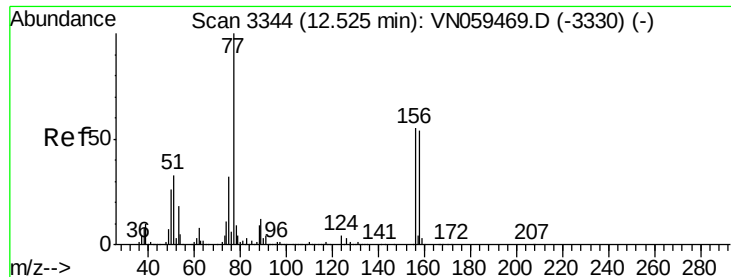
Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Tgt Ion:	75	Resp:	192774
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 31.912 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

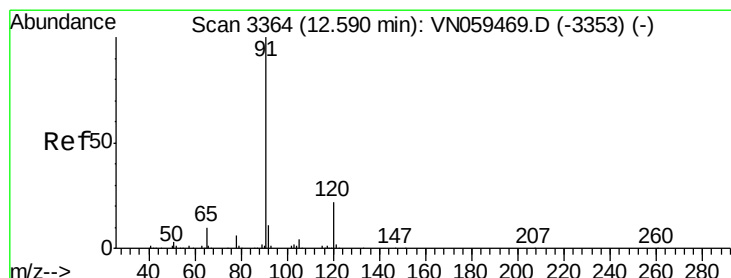
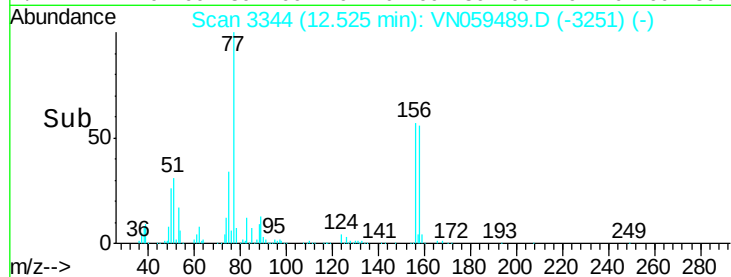
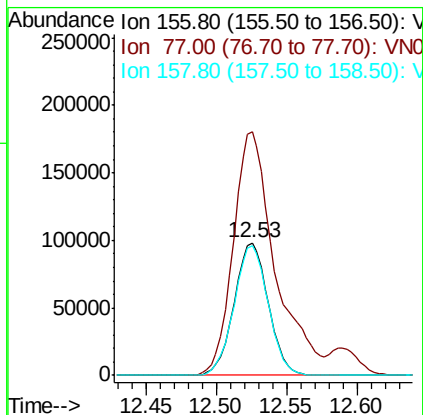
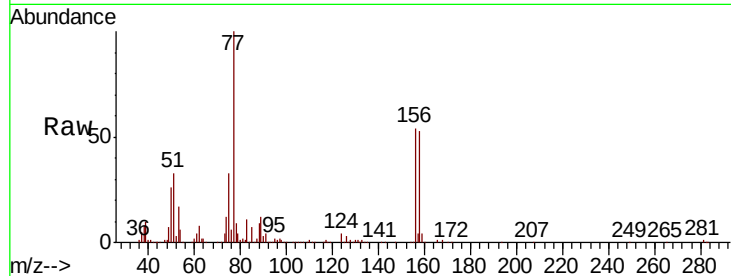
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	224.8	110.3	331.0	
158	97.6	48.5	145.5	

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#78

n-propylbenzene

Concen: 33.841 ug/l

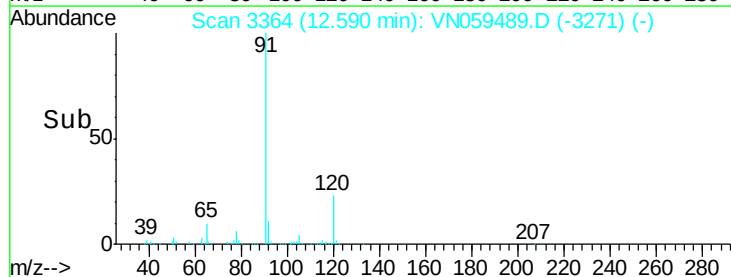
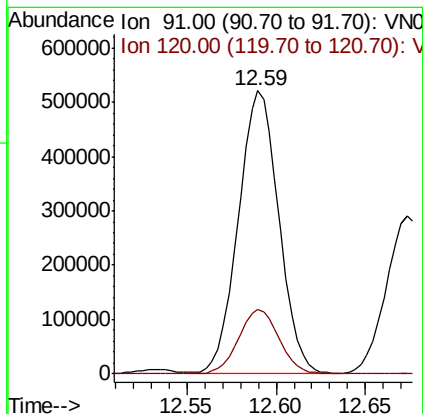
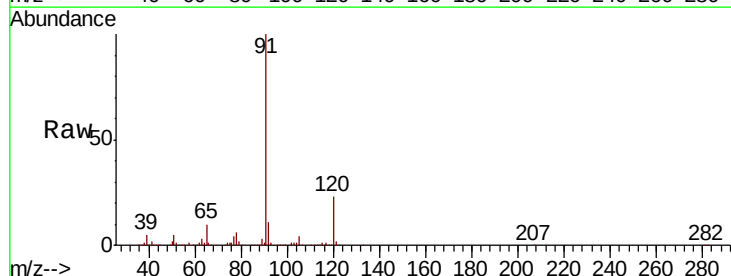
RT: 12.59 min Scan# 3364

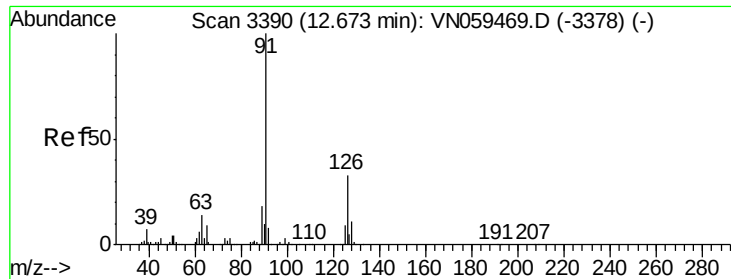
Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.9	11.3	33.9	





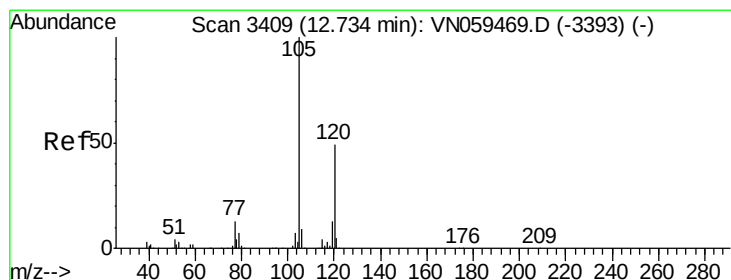
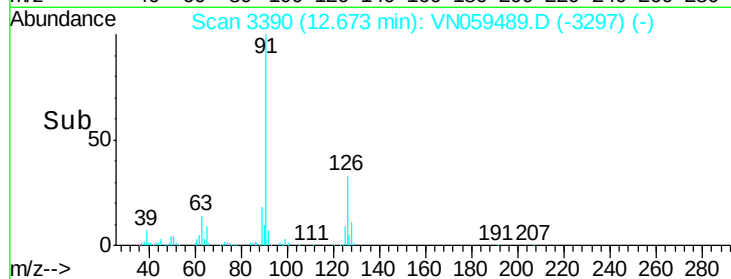
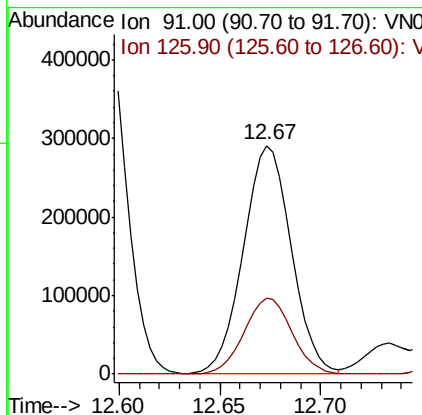
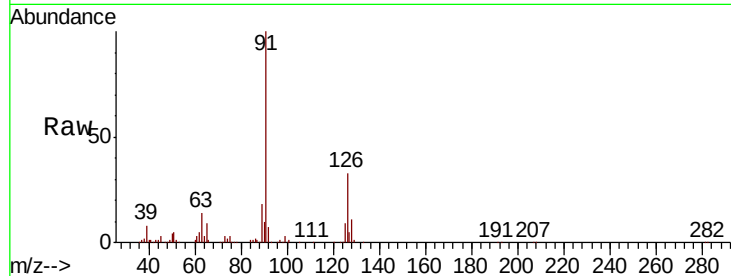
#79
 2-Chlorotoluene
 Concen: 32.840 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN059489.D
 Acq: 4 Dec 2019 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 480903
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.6 49.8

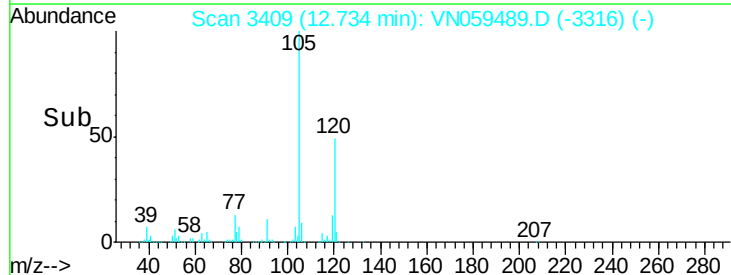
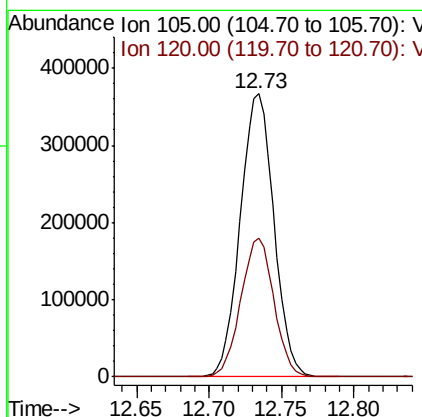
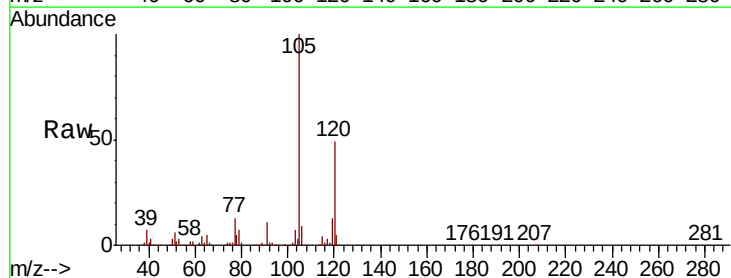
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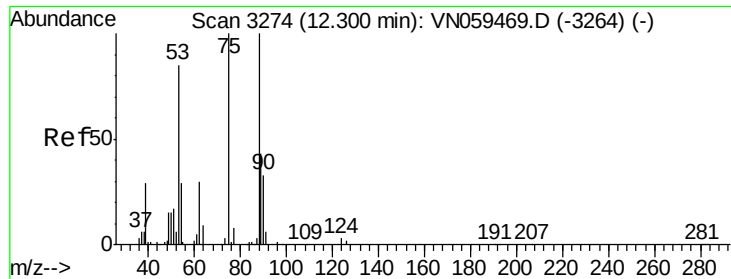
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 33.818 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN059489.D
 Acq: 4 Dec 2019 17:27

Tgt Ion: 105 Resp: 589952
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 73.0





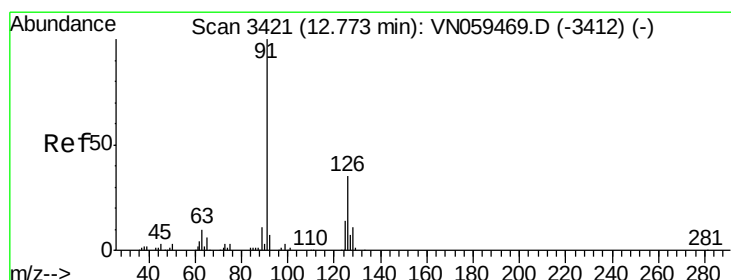
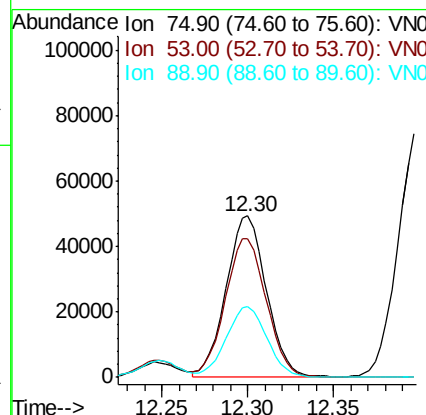
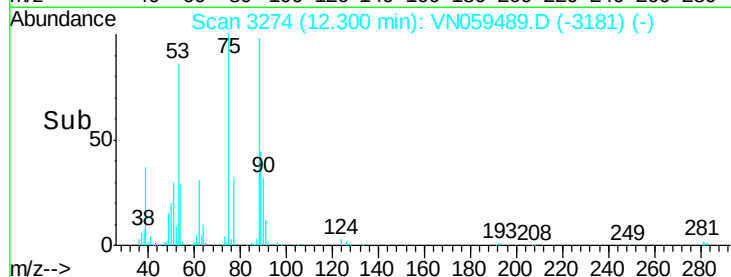
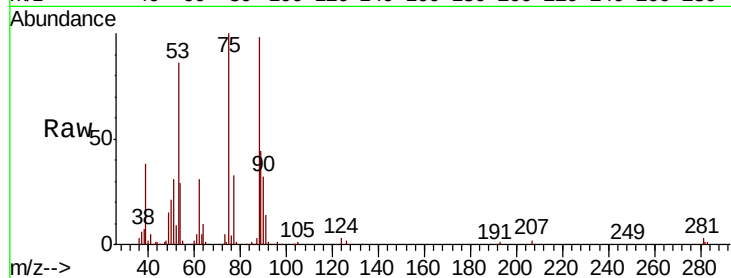
#81
trans-1,4-Dichloro-2-butene
Concen: 32.717 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.5	69.8	104.6
89	44.7	35.2	52.8

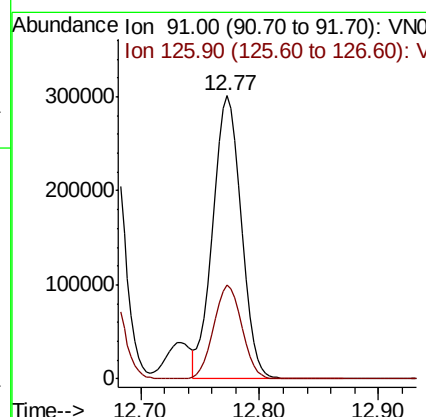
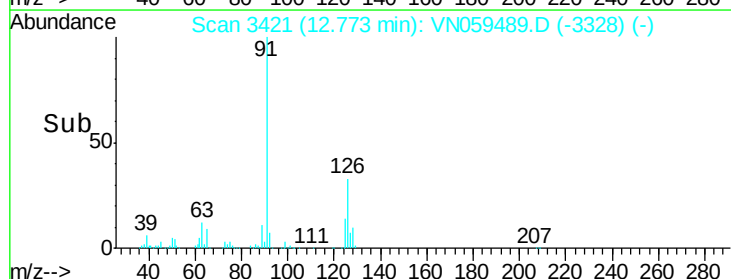
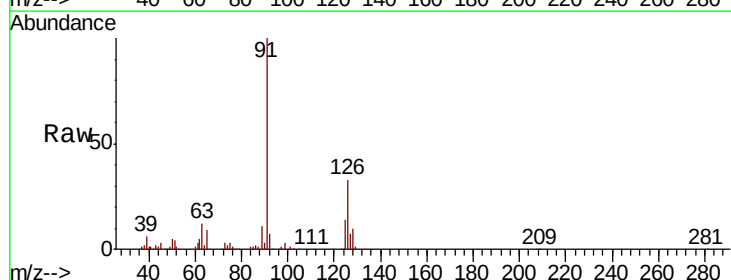
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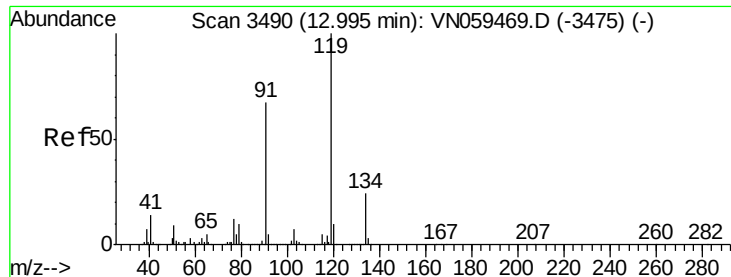
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#82
4-Chlorotoluene
Concen: 33.045 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.2





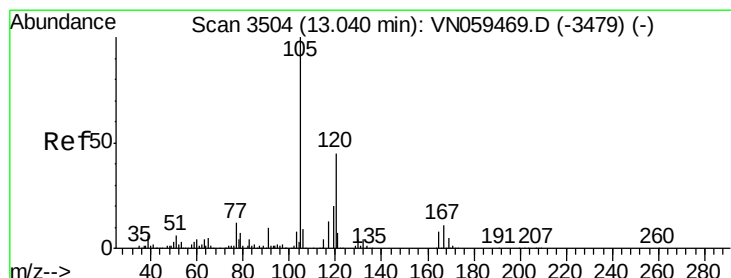
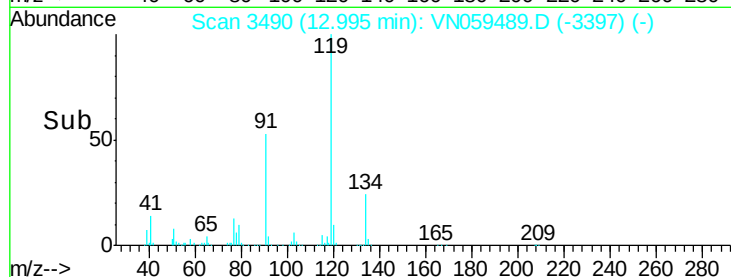
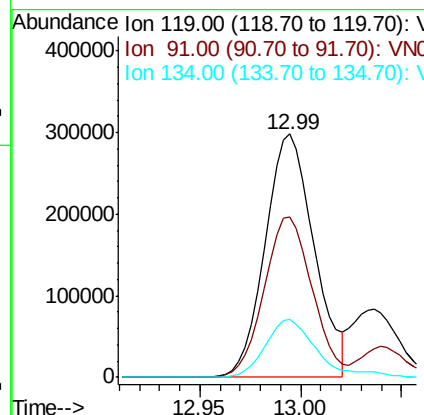
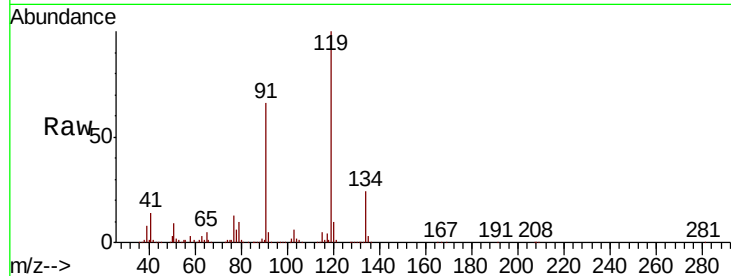
#83
tert-Butylbenzene
Concen: 33.256 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.1	32.6	97.7
134	25.2	12.6	37.6

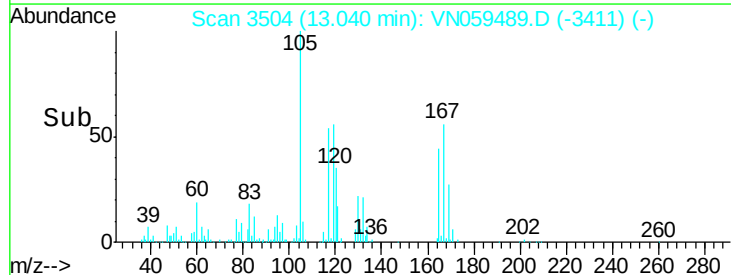
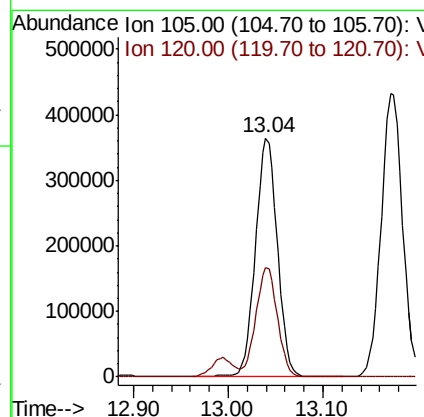
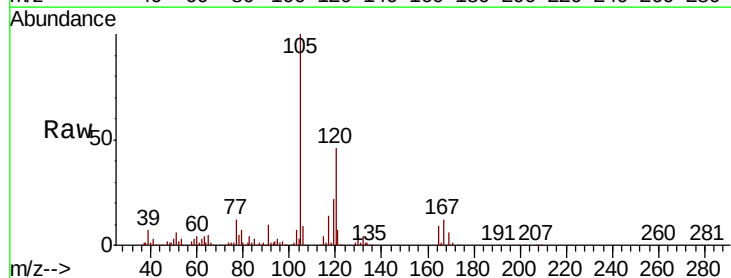
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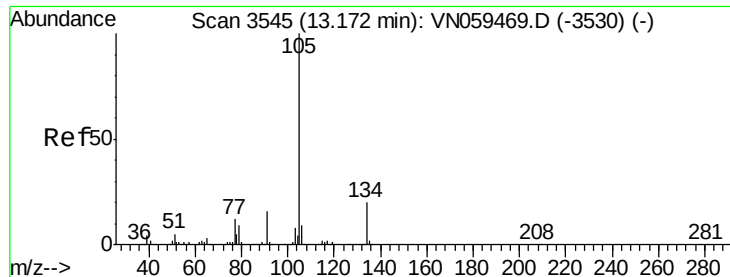
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#84
1,2,4-Trimethylbenzene
Concen: 34.431 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.6	67.8





#85

sec-Butylbenzene

Concen: 33.798 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 678413

Ion Ratio Lower Upper

105 100

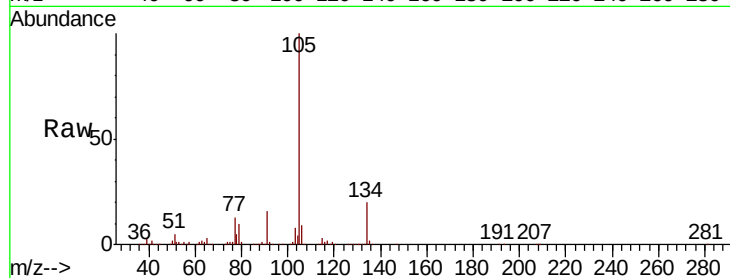
134 19.6 9.8 29.5

Manual Integrations

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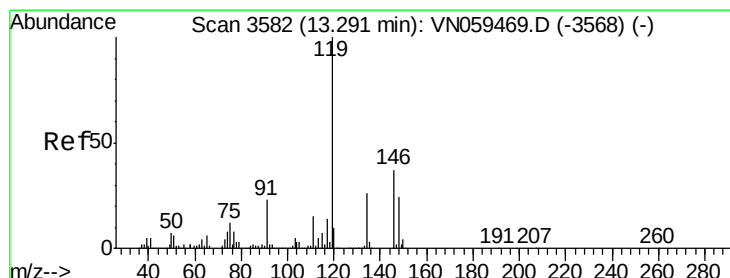
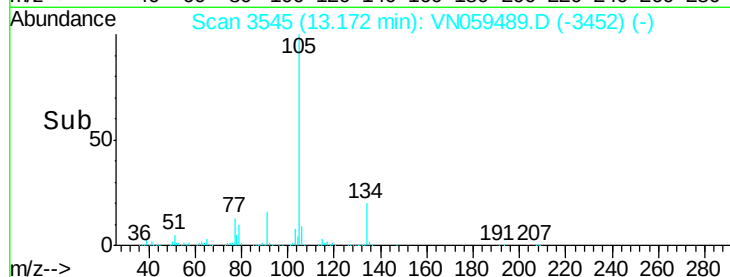
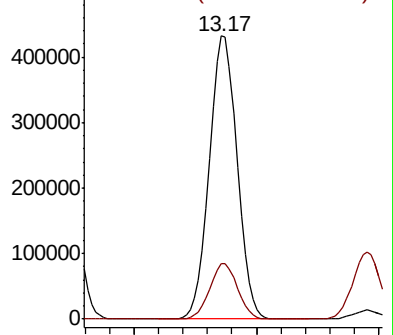
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 34.260 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

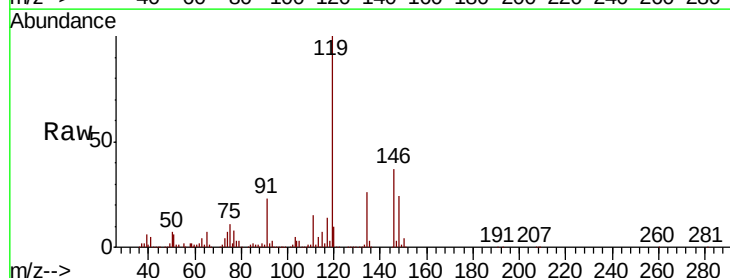
Tgt Ion:119 Resp: 616249

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

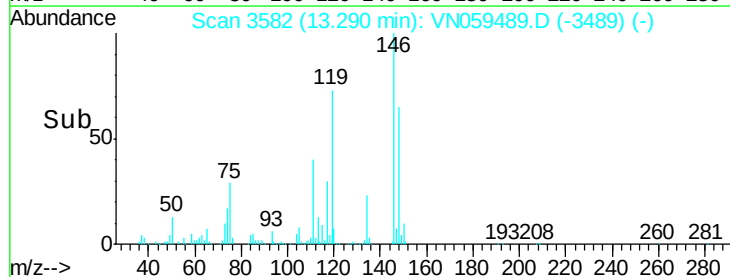
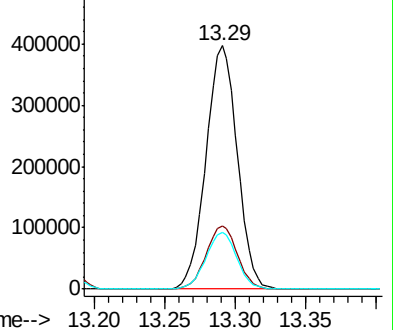
91 23.1 11.7 35.1

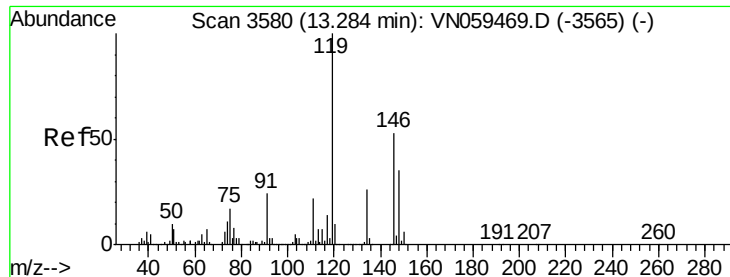


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 32.648 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059489.D

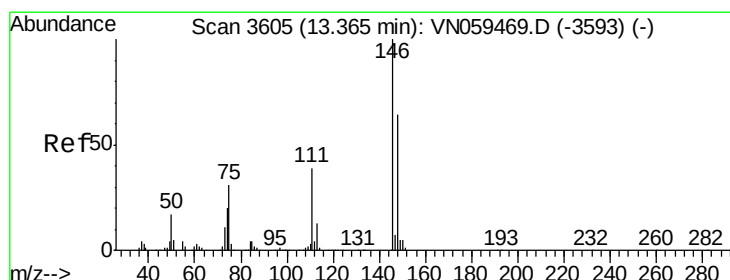
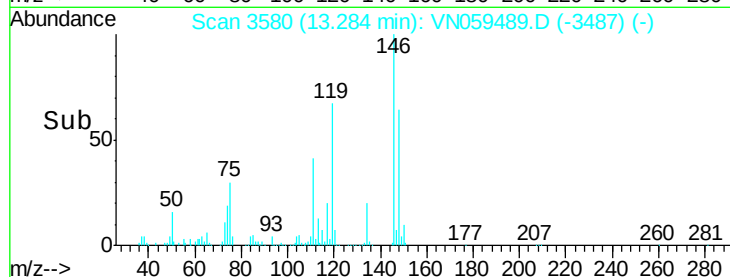
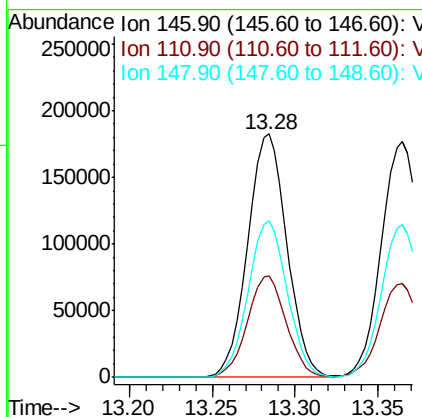
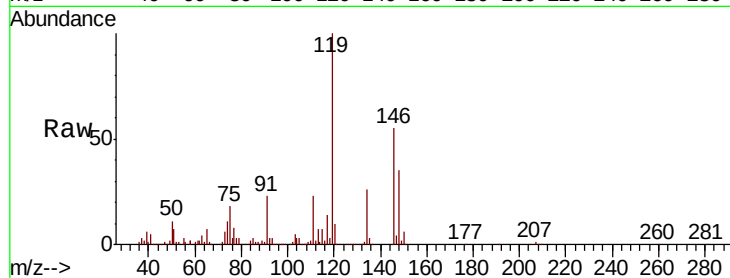
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.4	61.3
148	63.9	32.1	96.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 31.704 ug/l

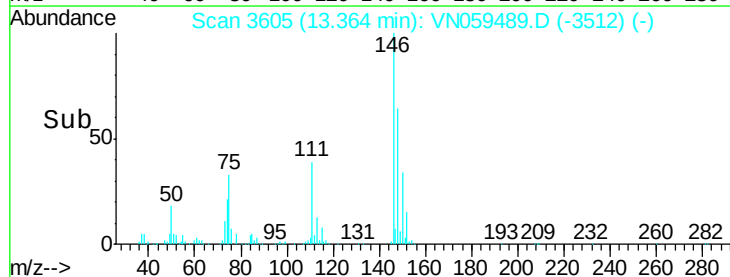
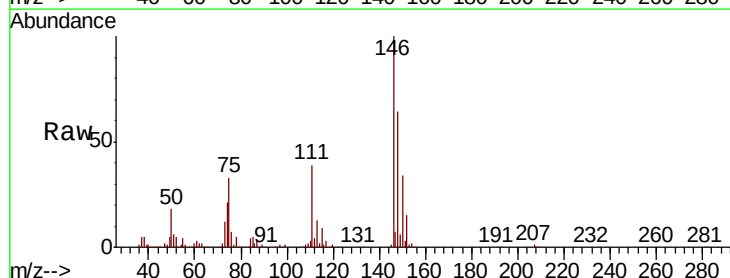
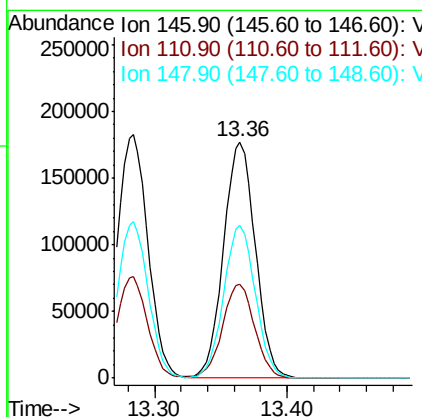
RT: 13.36 min Scan# 3605

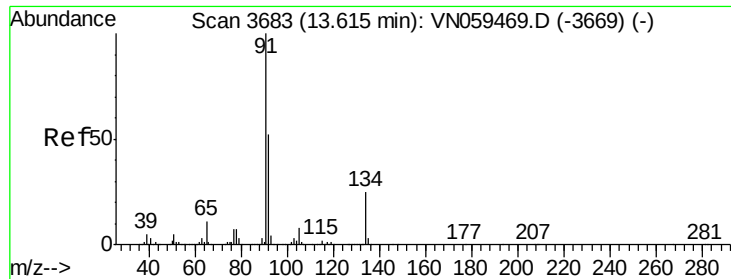
Delta R.T. -0.00 min

Lab File: VN059489.D

Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.8	59.3
148	64.3	32.0	96.0





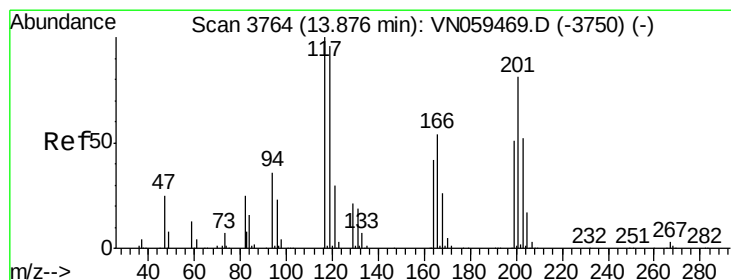
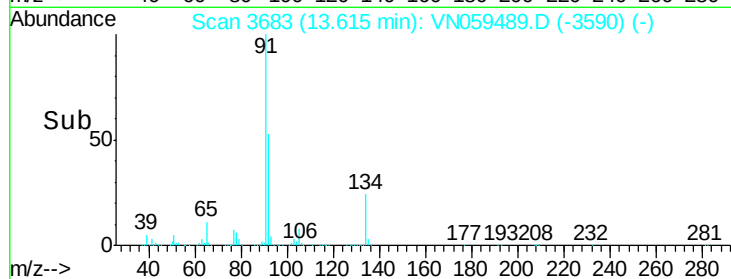
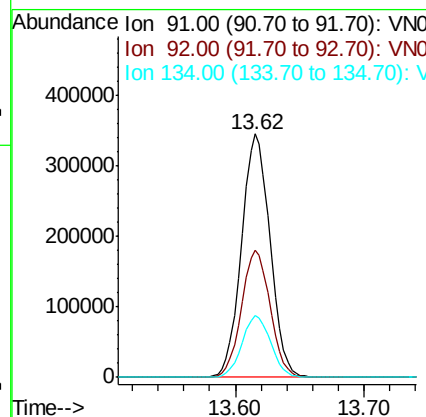
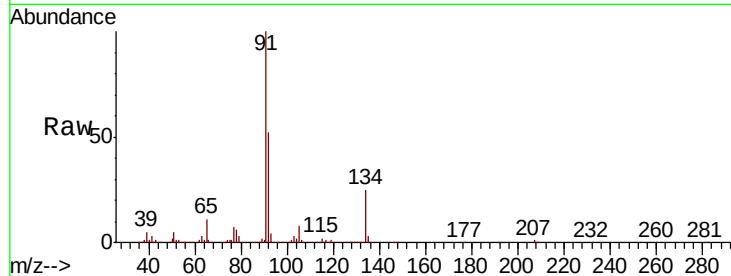
#89
n-Butylbenzene
Concen: 32.967 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.9	77.8
134	25.5	12.6	37.6

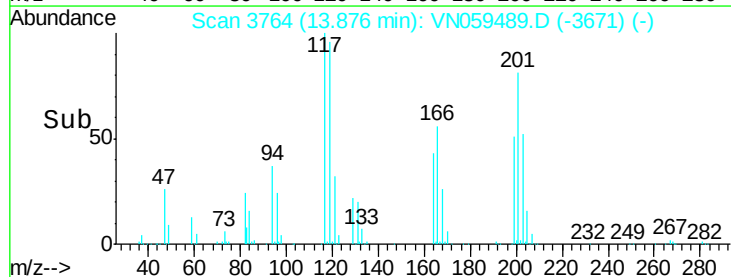
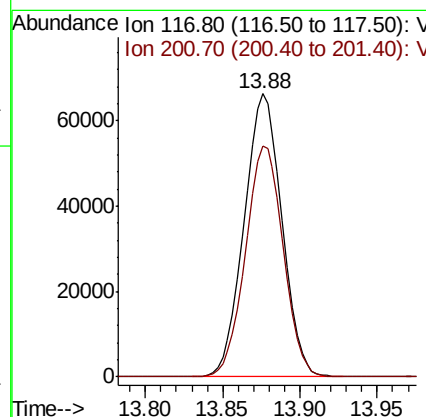
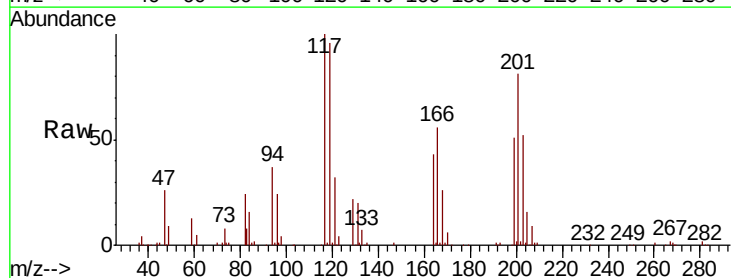
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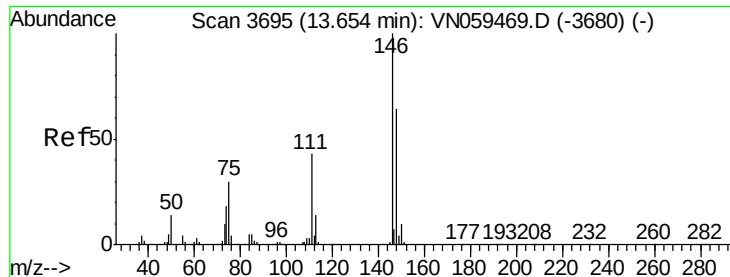
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#90
Hexachloroethane
Concen: 32.457 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.4	40.6	122.0





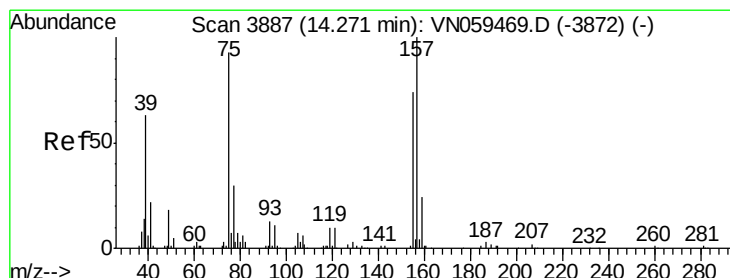
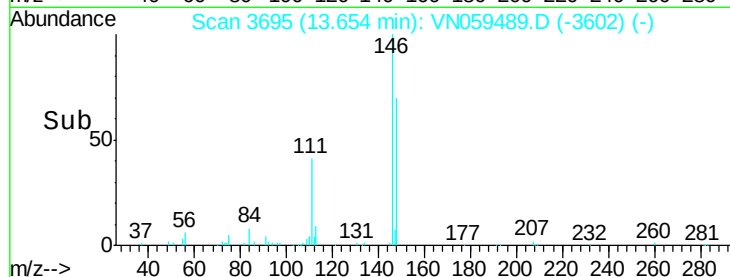
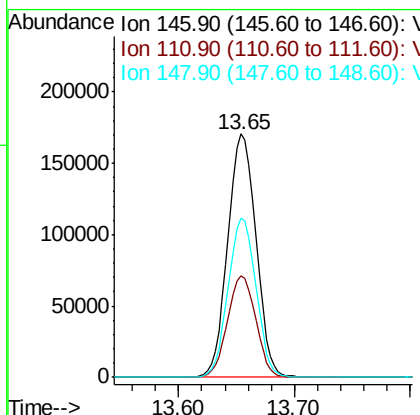
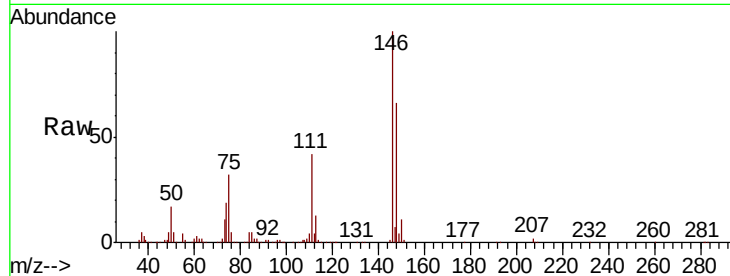
#91
 1,2-Dichlorobenzene
 Concen: 32.564 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059489.D
 Acq: 4 Dec 2019 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.7
148	64.7	32.2	96.6

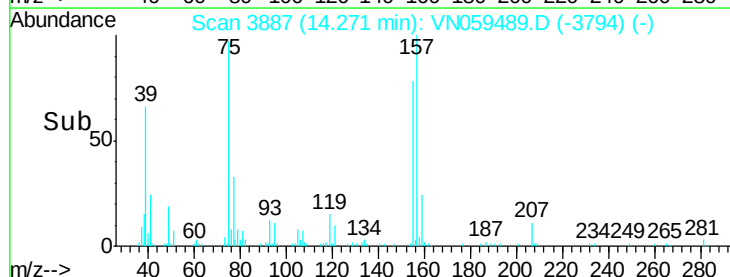
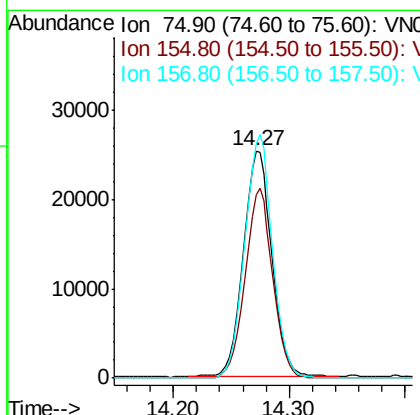
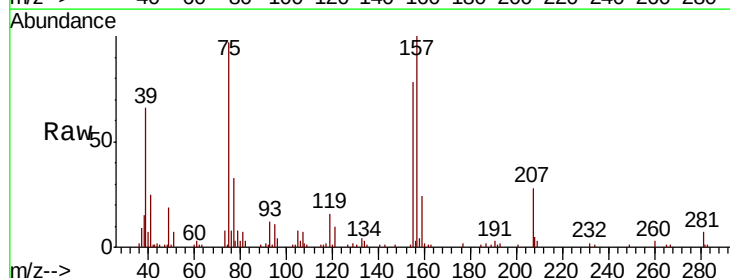
Manual Integrations
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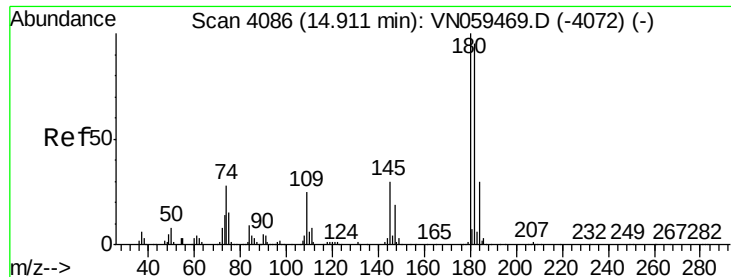
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 31.283 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059489.D
 Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	40.6	122.0
157	104.6	52.9	158.7





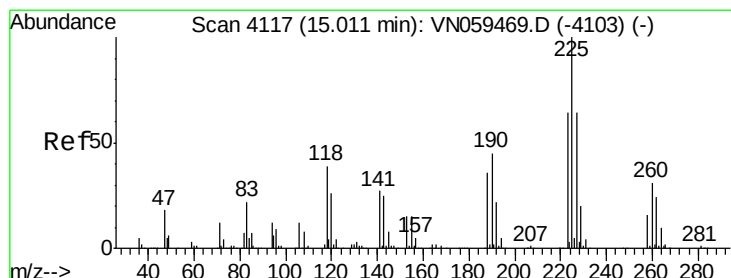
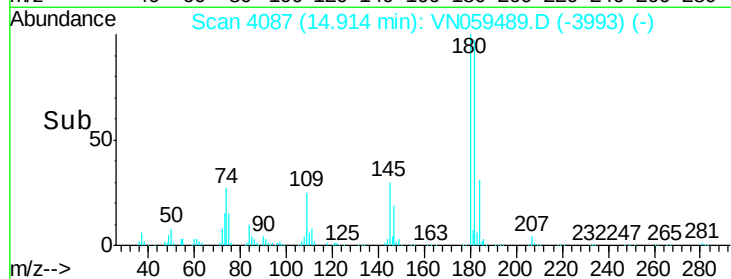
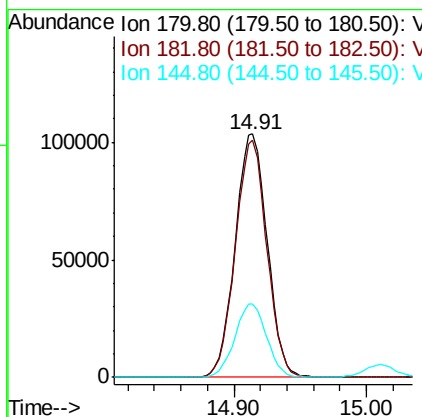
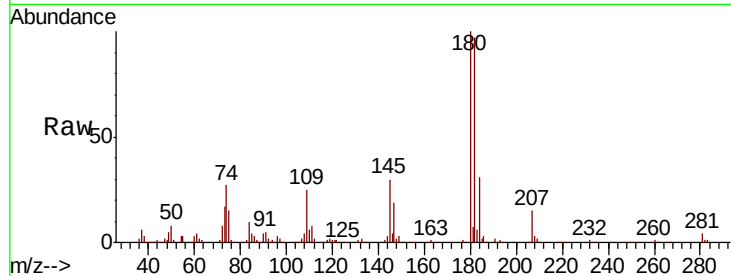
#93
 1,2,4-Trichlorobenzene
 Concen: 32.282 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059489.D
 Acq: 4 Dec 2019 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	173758		
182	95.6	48.0	144.2	
145	30.1	15.2	45.6	

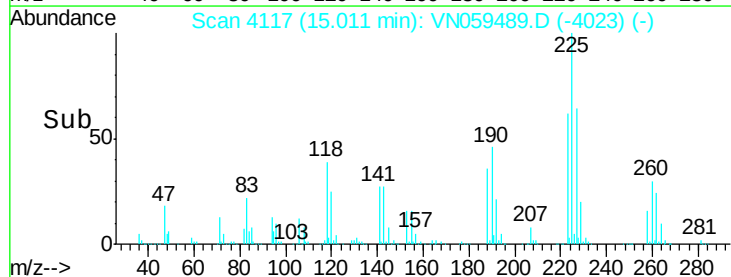
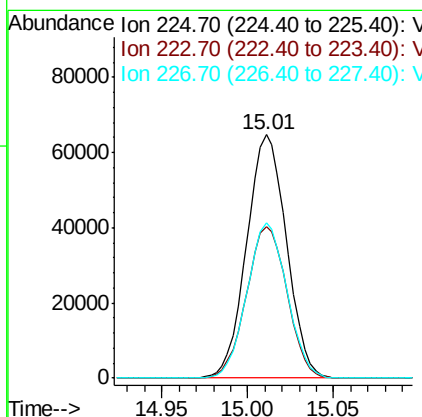
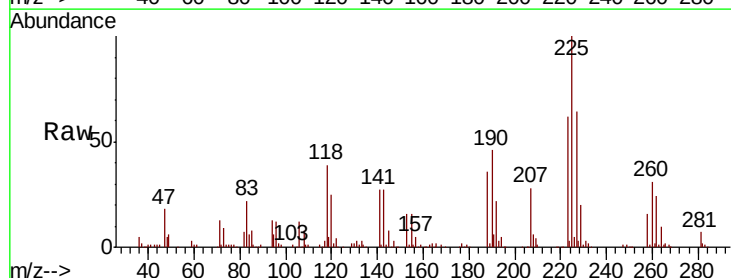
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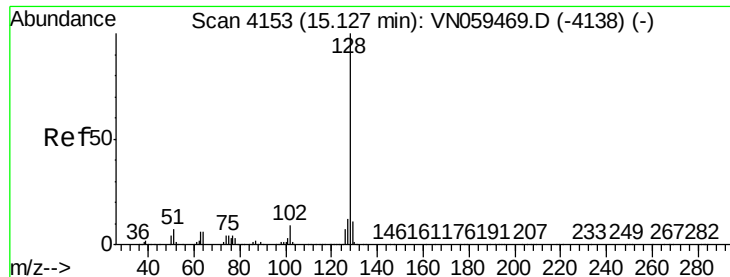
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#94
 Hexachlorobutadiene
 Concen: 33.669 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059489.D
 Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103892		
223	63.7	31.9	95.5	
227	64.3	32.0	96.2	





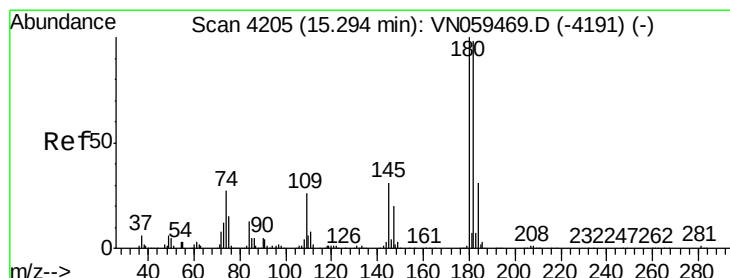
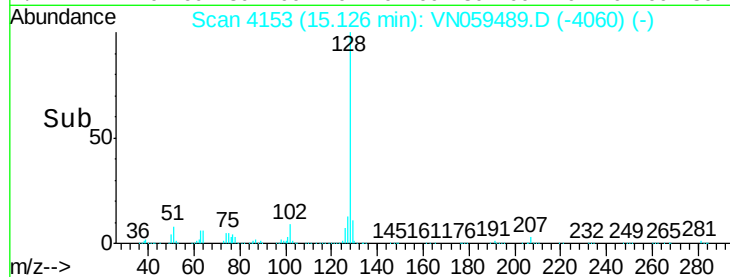
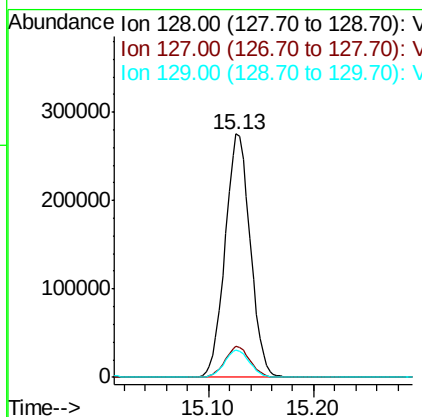
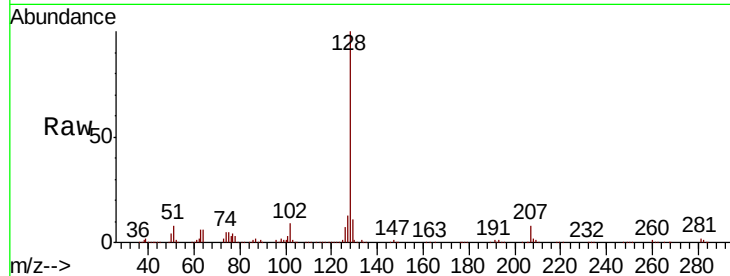
#95
Naphthalene
Concen: 31.540 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

apatel
12/5/2019 11:19:51 AM



#96
1,2,3-Trichlorobenzene
Concen: 32.479 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059489.D
Acq: 4 Dec 2019 17:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.5	145.5
145	32.2	16.1	48.2

