

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX052920\
 Data File : VX016514.D
 Acq On : 29 May 2020 16:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:28:23 PM

Quant Time: May 30 03:57:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	355447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	569125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	530429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	255334	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	199739	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	
35) Dibromofluoromethane	5.46	113	163730	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
50) Toluene-d8	8.70	98	640304	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
62) 4-Bromofluorobenzene	11.12	95	242957	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	156993	44.88	ug/l	95
3) Chloromethane	1.31	50	172691	40.85	ug/l	100
4) Vinyl Chloride	1.39	62	190130	42.53	ug/l	98
5) Bromomethane	1.62	94	97856	45.02	ug/l	98
6) Chloroethane	1.70	64	116743	44.77	ug/l	94
7) Trichlorofluoromethane	1.92	101	252593	43.02	ug/l	99
8) Diethyl Ether	2.17	74	106768	43.61	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	156556	48.45	ug/l	98
10) Methyl Iodide	2.49	142	165518	43.31	ug/l	97
11) Tert butyl alcohol	3.01	59	264529	233.70	ug/l	100
12) 1,1-Dichloroethene	2.36	96	164440	48.08	ug/l	99
13) Acrolein	2.27	56	113610	235.94	ug/l	99
14) Allyl chloride	2.71	41	308852	49.10	ug/l	98
15) Acrylonitrile	3.12	53	573416	247.30	ug/l	98
16) Acetone	2.42	43	470963	243.52	ug/l	100
17) Carbon Disulfide	2.55	76	479037	47.16	ug/l	99
18) Methyl Acetate	2.75	43	247133	49.82	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	602433	49.05	ug/l	100
20) Methylene Chloride	2.83	84	188126	47.02	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	183295	48.45	ug/l	97
22) Diisopropyl ether	3.82	45	582651	48.22	ug/l	99
23) Vinyl Acetate	3.79	43	2613678	247.12	ug/l	98
24) 1,1-Dichloroethane	3.67	63	327841	48.07	ug/l	99
25) 2-Butanone	4.64	43	795725	242.82	ug/l	98
26) 2,2-Dichloropropane	4.55	77	292936	52.49	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	209475	47.86	ug/l	99
28) Bromochloromethane	4.98	49	143477	45.27	ug/l	96
29) Tetrahydrofuran	5.09	42	521966	246.55	ug/l	98
30) Chloroform	5.18	83	328324	47.78	ug/l	99
31) Cyclohexane	5.55	56	297490	48.49	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	294615	47.36	ug/l	99
36) 1,1-Dichloropropene	5.77	75	252486	46.86	ug/l	98
37) Ethyl Acetate	4.79	43	298526	46.14	ug/l	98
38) Carbon Tetrachloride	5.75	117	259863	45.89	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	301161	51.46	ug/l	99
40) Benzene	6.12	78	808219	50.37	ug/l	99
41) Methacrylonitrile	5.00	41	162177	45.64	ug/l	99
42) 1,2-Dichloroethane	6.16	62	259738	45.51	ug/l	99
43) Isopropyl Acetate	6.42	43	481365	47.70	ug/l	99
44) Trichloroethene	7.19	130	226440	44.48	ug/l	95
45) 1,2-Dichloropropane	7.49	63	194971	47.73	ug/l	98
46) Dibromomethane	7.64	93	127813	46.58	ug/l	97
47) Bromodichloromethane	7.88	83	265437	46.72	ug/l	99
48) Methyl methacrylate	7.74	41	230216	47.65	ug/l	97
49) 1,4-Dioxane	7.71	88	100116	885.42	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1521445	242.14	ug/l	99
52) Toluene	8.77	92	706771	69.85	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	313843	48.58	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	336844	49.26	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	193430	48.08	ug/l	98
56) Ethyl methacrylate	9.16	69	325848	49.73	ug/l	99
57) 1,3-Dichloropropane	9.35	76	332431	48.14	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	832919	243.53	ug/l	99
59) 2-Hexanone	9.48	43	1183277	242.16	ug/l	98
60) Dibromochloromethane	9.57	129	217127	47.96	ug/l	99
61) 1,2-Dibromoethane	9.65	107	208872	48.48	ug/l	99
64) Tetrachloroethene	9.32	164	246218	41.49	ug/l	98
65) Chlorobenzene	10.12	112	512387	47.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	196380	47.57	ug/l	99
67) Ethyl Benzene	10.24	91	1007112	52.31	ug/l	99
68) m/p-Xylenes	10.34	106	802319	112.39	ug/l	100
69) o-Xylene	10.68	106	375934	54.38	ug/l	96
70) Styrene	10.70	104	588299	49.51	ug/l	99
71) Bromoform	10.84	173	167465	48.00	ug/l #	99
73) Isopropylbenzene	11.01	105	892662	50.46	ug/l	100
74) N-amyl acetate	10.88	43	420356	51.66	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	249639	56.30	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	280849m	50.04	ug/l	
77) Bromobenzene	11.24	156	226588	48.83	ug/l	99
78) n-propylbenzene	11.34	91	1023428	51.78	ug/l	99
79) 2-Chlorotoluene	11.40	91	613248	50.83	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	778491	52.70	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	117637	51.56	ug/l	98
82) 4-Chlorotoluene	11.49	91	707206	49.64	ug/l	100
83) tert-Butylbenzene	11.76	119	667262	52.86	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	891065	59.65	ug/l	100
85) sec-Butylbenzene	11.93	105	812786	51.33	ug/l	100
86) p-Isopropyltoluene	12.05	119	769250	51.86	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	388419	48.32	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	394394	47.97	ug/l	99
89) n-Butylbenzene	12.37	91	652016	52.78	ug/l	98
90) Hexachloroethane	12.58	117	133594	52.14	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	376498	48.34	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	70859	49.34	ug/l	99

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VSTDCCC050EC

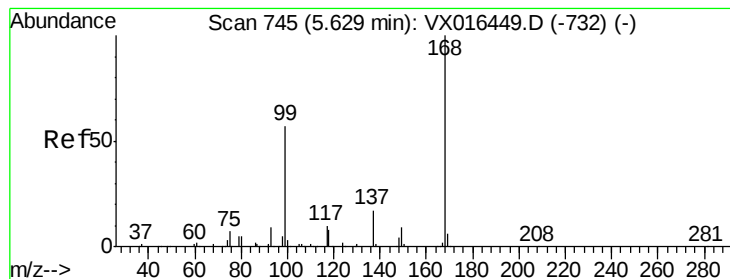
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	274912	53.15	ug/l	99
94) Hexachlorobutadiene	13.77	225	108307	53.33	ug/l	97
95) Naphthalene	13.82	128	1008653	56.88	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	261251	51.55	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 355447

Ion Ratio Lower Upper

168 100

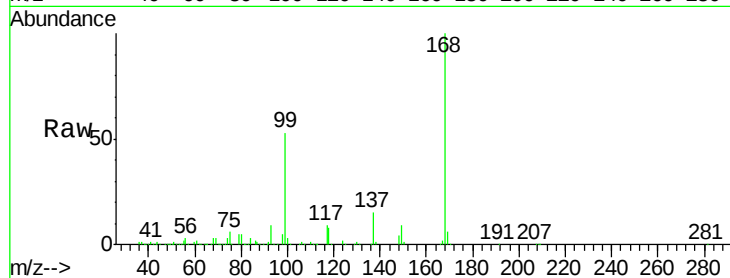
99 52.9 45.2 67.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

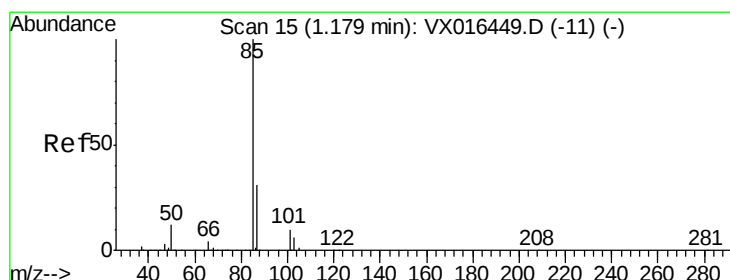
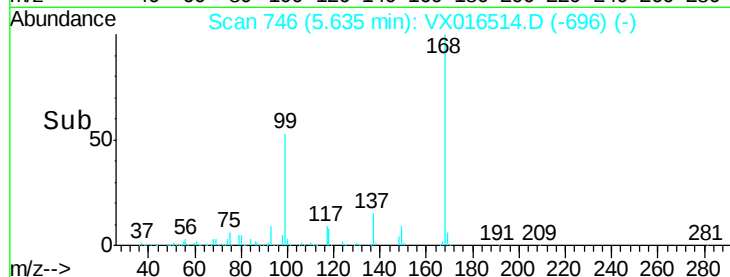
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.88 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016514.D

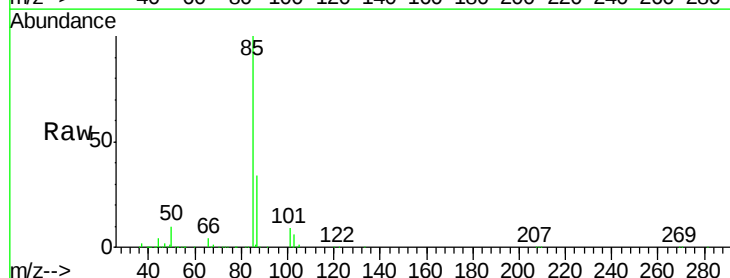
Acq: 29 May 2020 16:25

Tgt Ion: 85 Resp: 156993

Ion Ratio Lower Upper

85 100

87 33.5 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

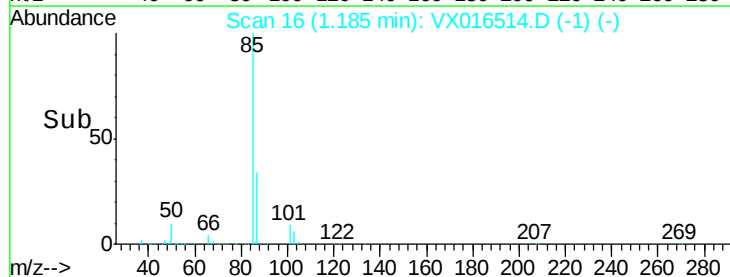
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 40.85 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 172691

Ion Ratio Lower Upper

50 100

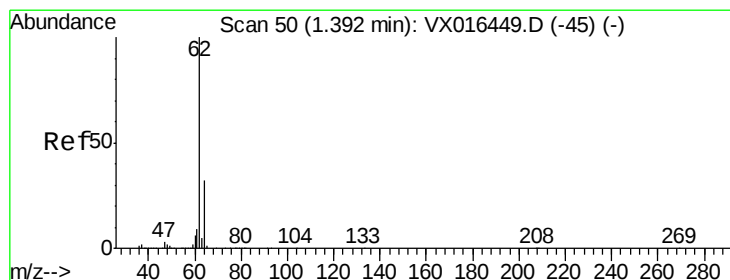
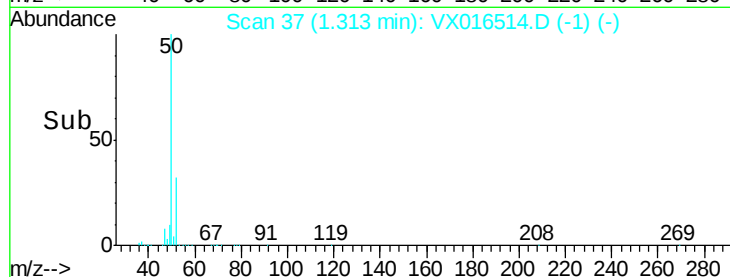
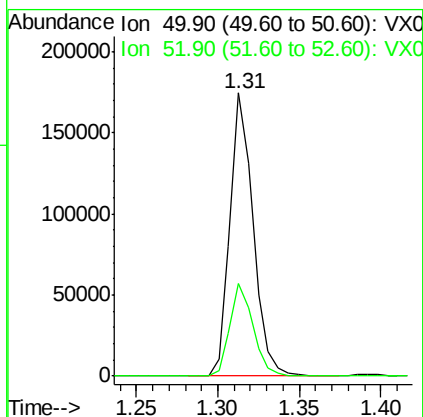
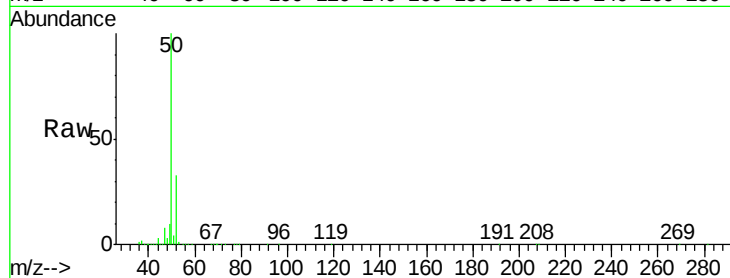
52 32.5 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.53 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016514.D

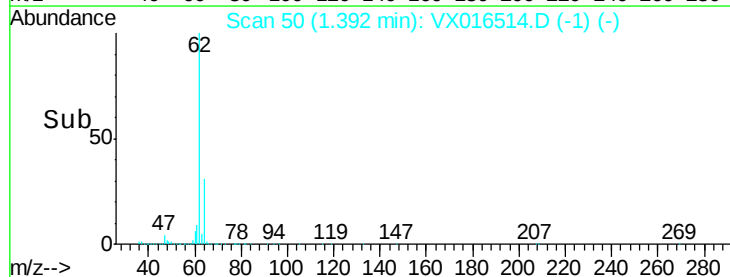
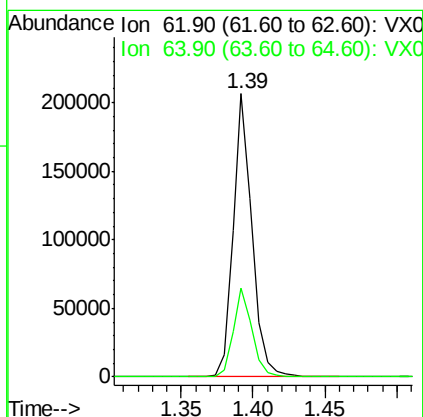
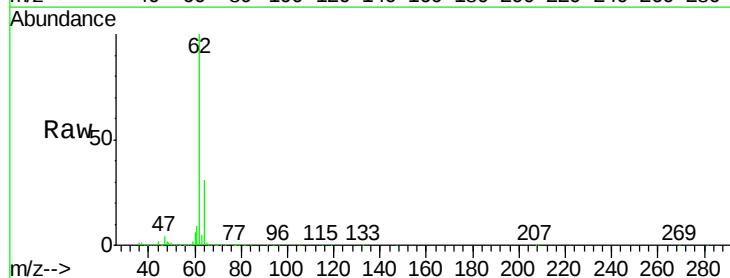
Acq: 29 May 2020 16:25

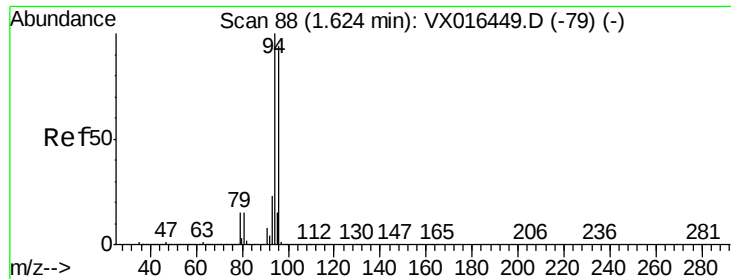
Tgt Ion: 62 Resp: 190130

Ion Ratio Lower Upper

62 100

64 31.2 25.9 38.9





#5

Bromomethane

Concen: 45.02 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tgt Ion: 94 Resp: 97856

Ion Ratio Lower Upper

94 100

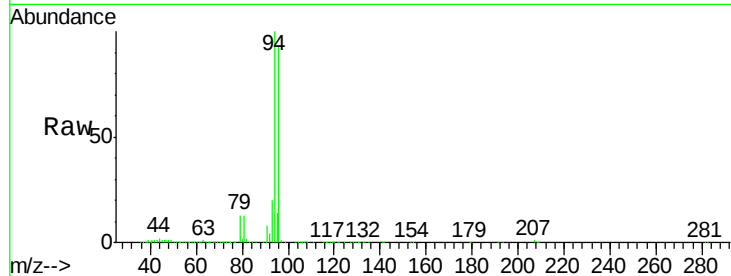
96 92.4 75.1 112.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

100000

80000

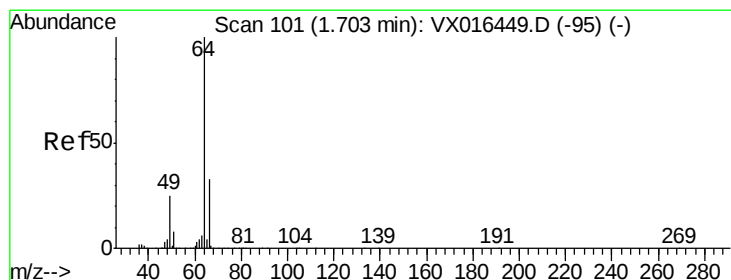
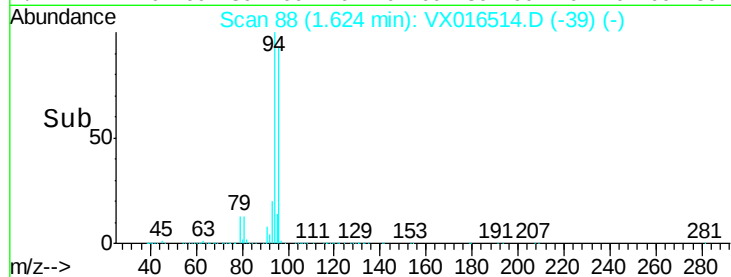
60000

40000

20000

0

Time--> 1.50 1.60 1.70 1.80



#6

Chloroethane

Concen: 44.77 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016514.D

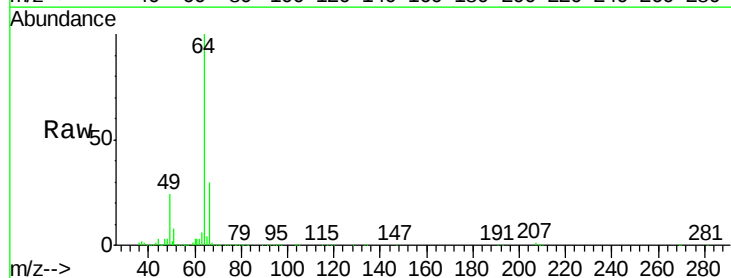
Acq: 29 May 2020 16:25

Tgt Ion: 64 Resp: 116743

Ion Ratio Lower Upper

64 100

66 30.2 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

100000

80000

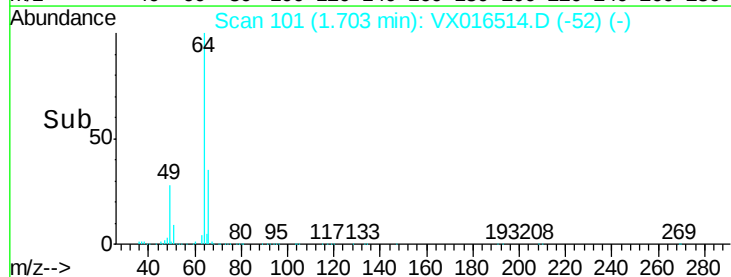
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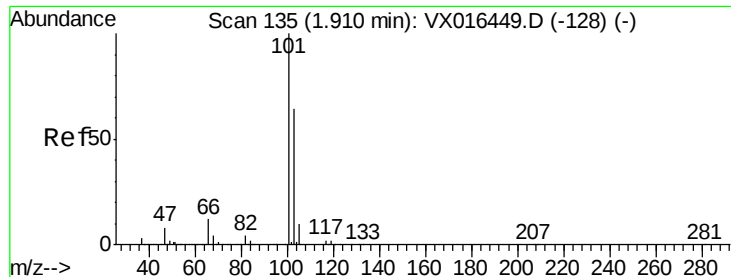
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20000

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Time--> 1.65 1.70 1.75 1.80





#7

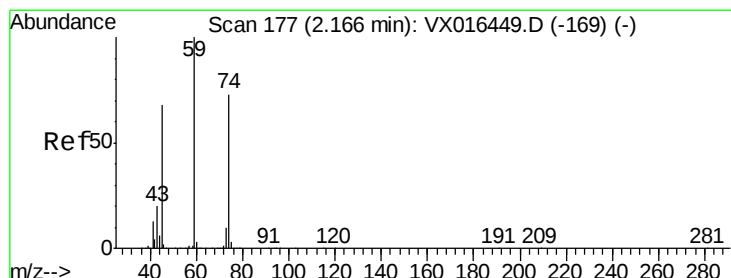
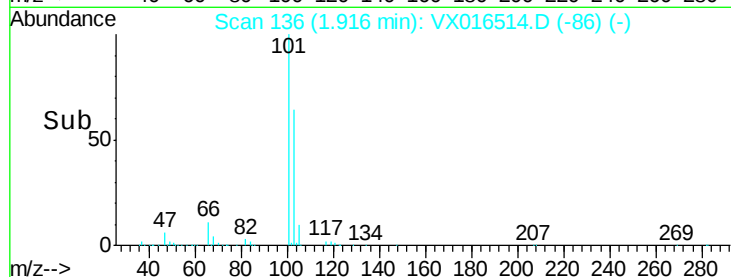
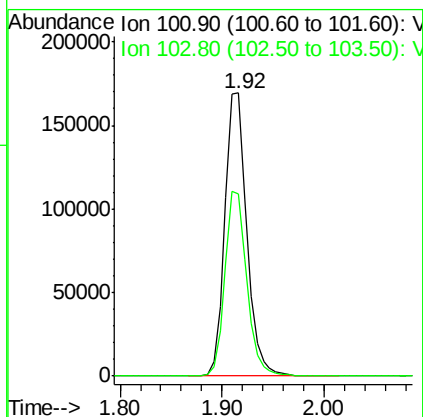
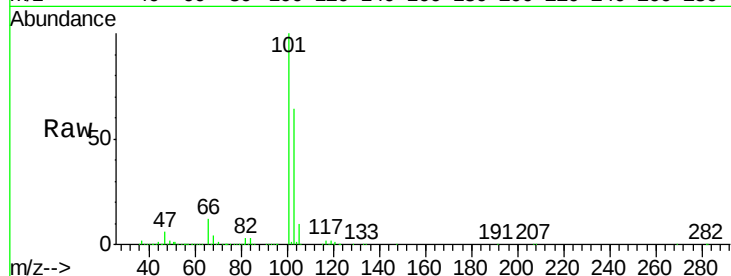
Trichlorofluoromethane
Concen: 43.02 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016514.D
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	252593		
103	64.4	50.9	76.3	

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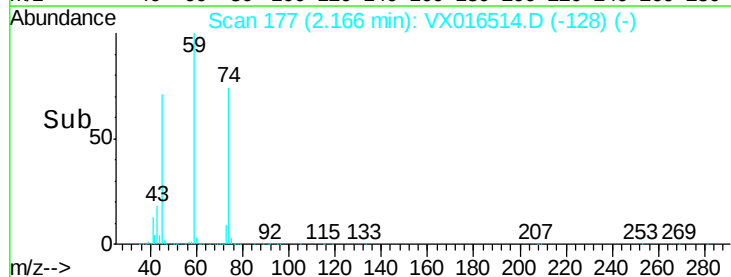
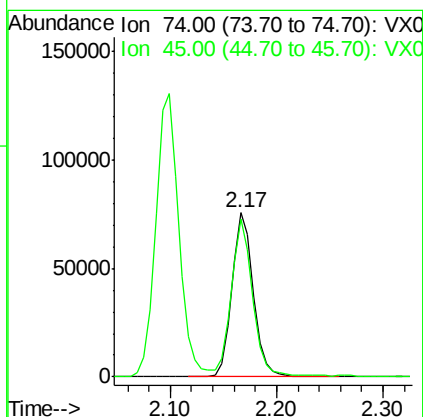
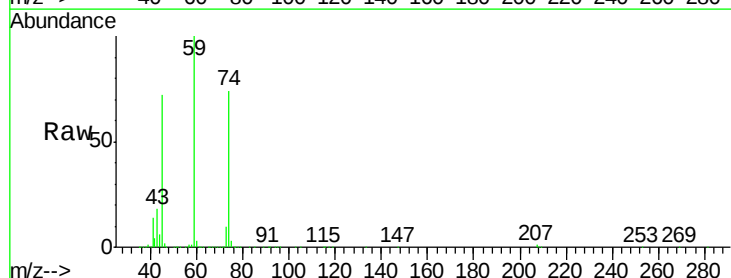
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#8

Diethyl Ether
Concen: 43.61 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	106768		
45	96.7	47.5	142.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.45 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

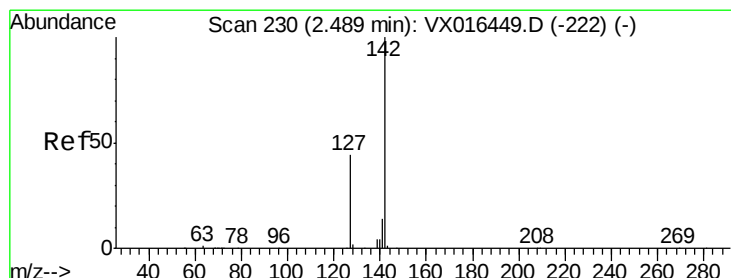
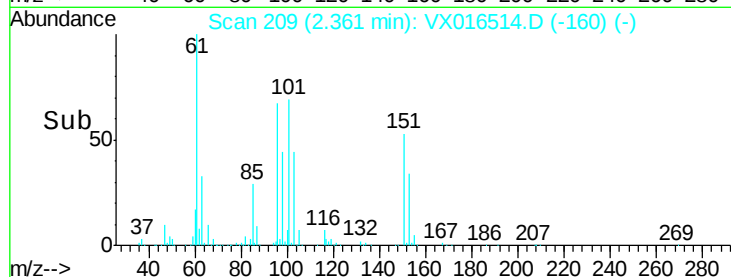
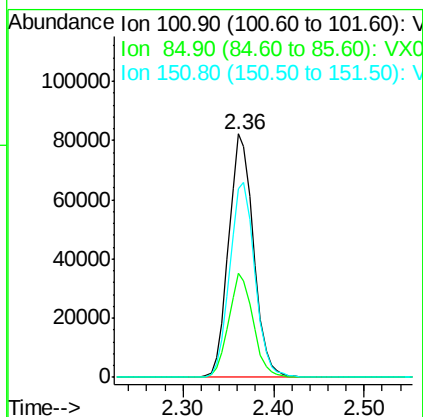
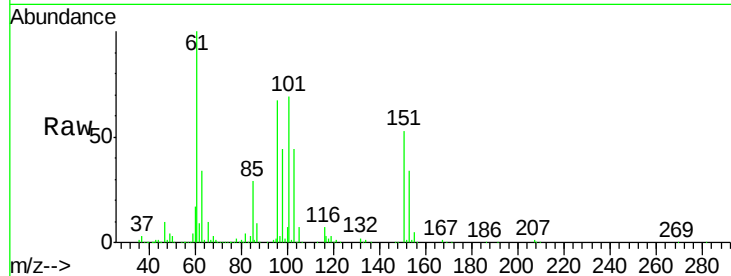
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	156556
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.4	51.6
151	81.2	63.8	95.6

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#10

Methyl Iodide

Concen: 43.31 ug/l

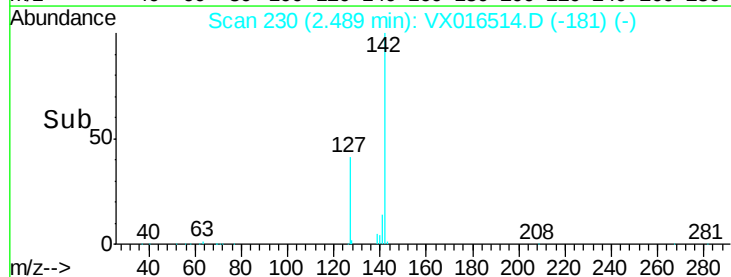
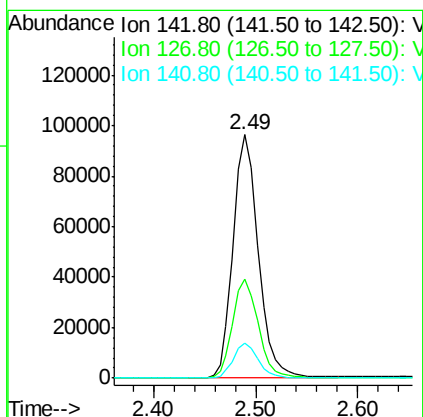
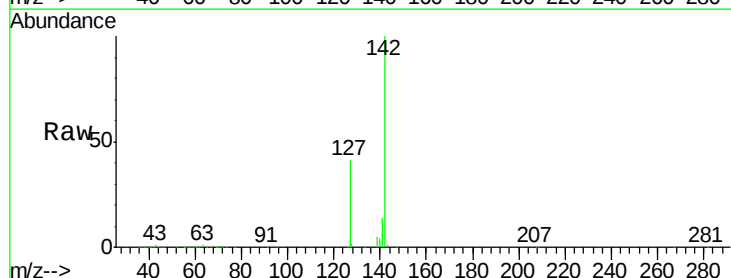
RT: 2.49 min Scan# 230

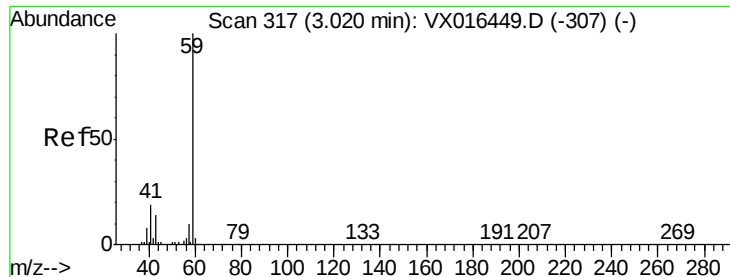
Delta R.T. 0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Tgt Ion:	142	Resp:	165518
Ion Ratio	Lower	Upper	
142	100		
127	41.5	35.3	52.9
141	14.4	11.4	17.2





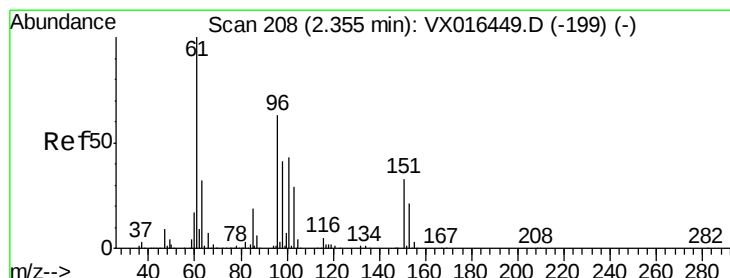
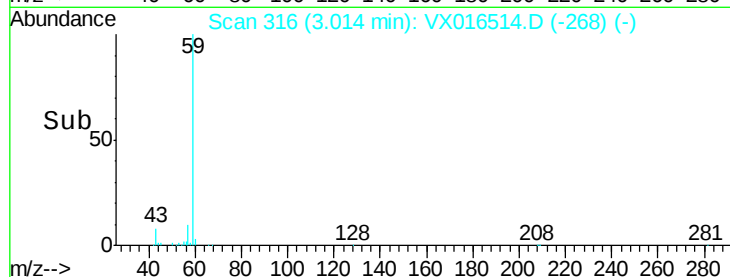
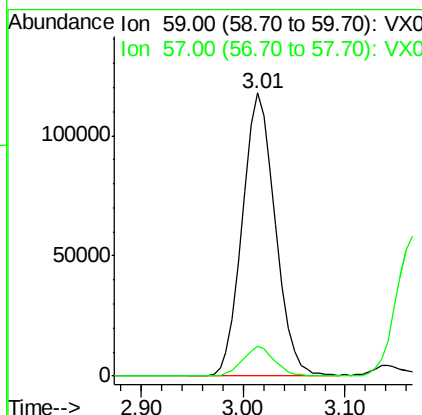
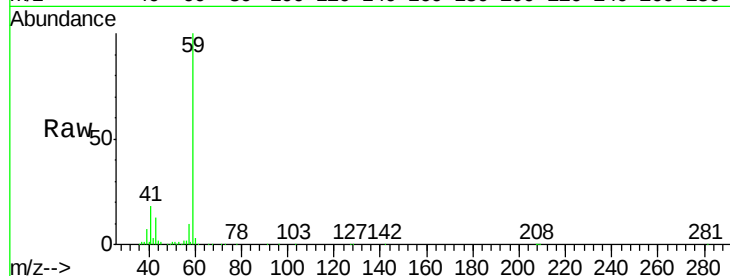
#11
Tert butyl alcohol
Concen: 233.70 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 264529
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

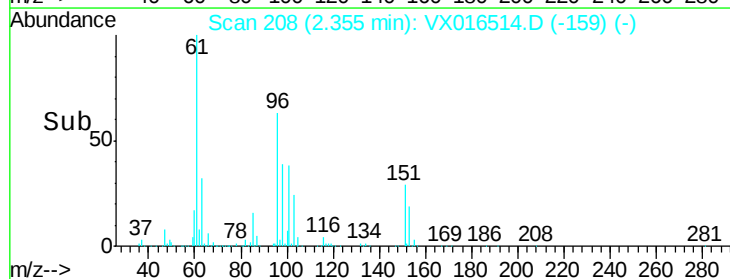
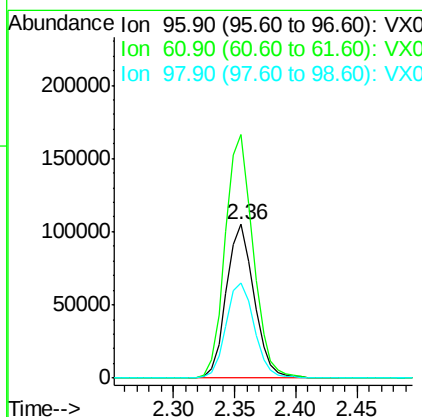
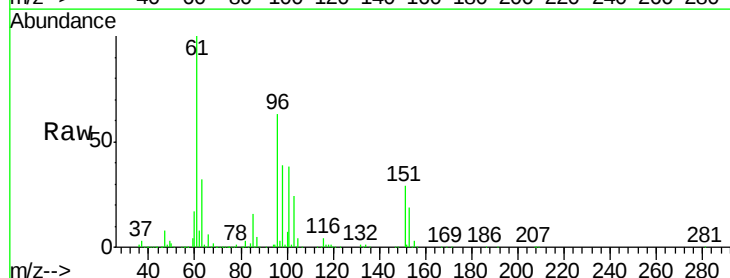
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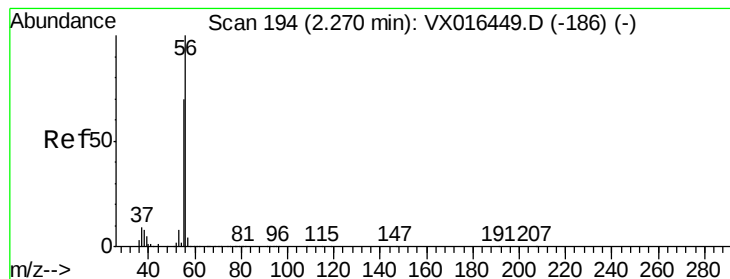
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.08 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion: 96 Resp: 164440
Ion Ratio Lower Upper
96 100
61 158.4 126.6 189.8
98 62.3 51.3 76.9





#13

Acrolein

Concen: 235.94 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 113610

Ion Ratio Lower Upper

56 100

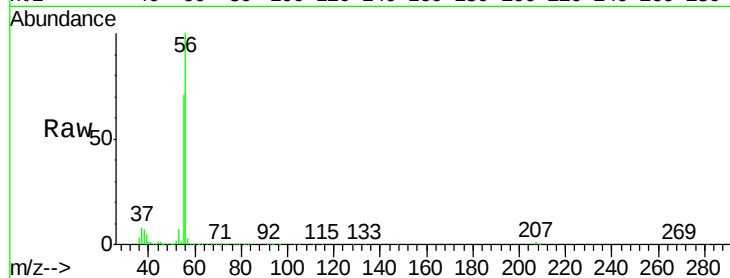
55 72.3 58.3 87.5

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

80000

60000

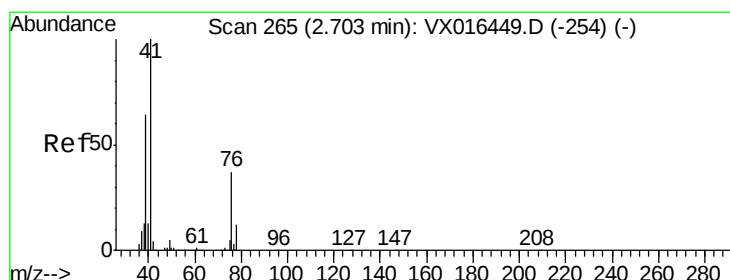
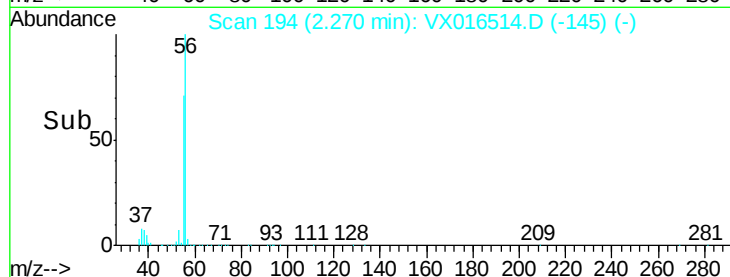
40000

20000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 49.10 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

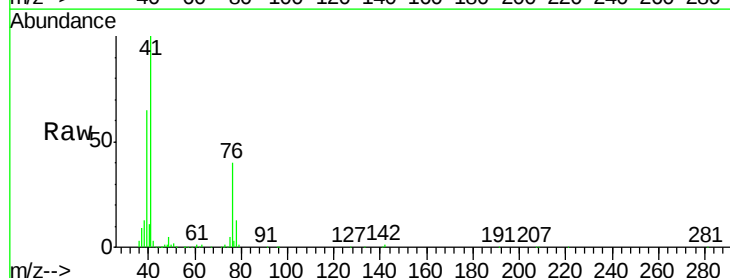
Tgt Ion: 41 Resp: 308852

Ion Ratio Lower Upper

41 100

39 58.3 47.7 71.5

76 34.0 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

300000

250000

200000

150000

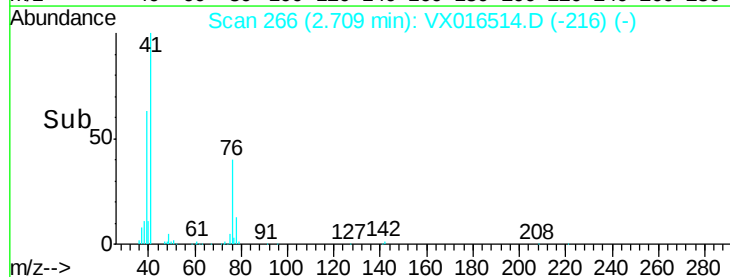
100000

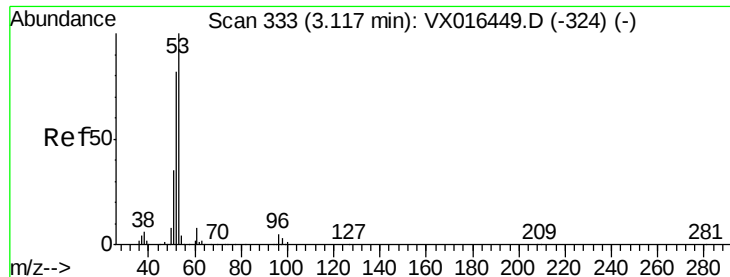
50000

0

Time-->

2.60 2.70 2.80





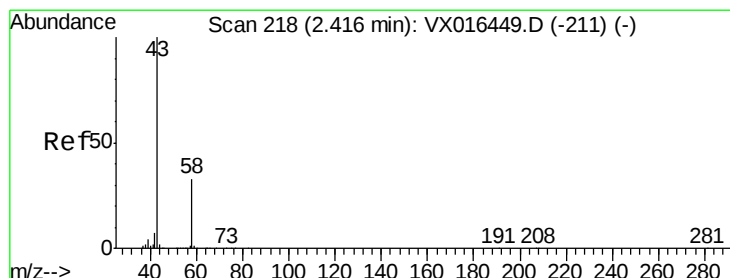
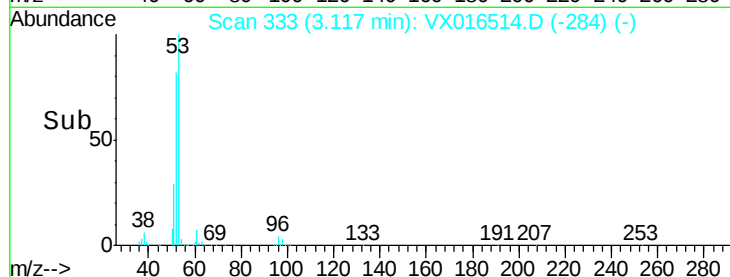
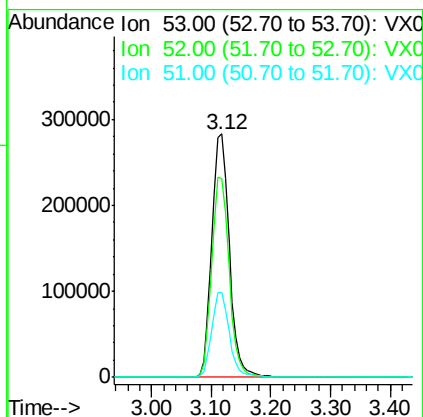
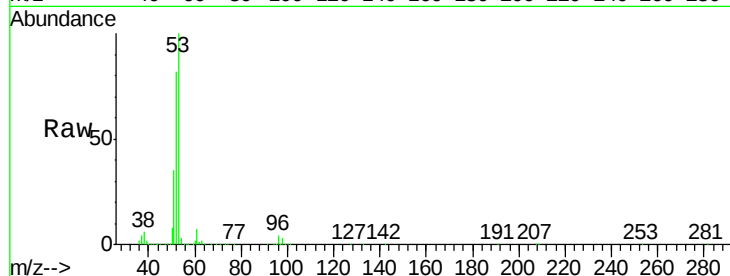
#15
Acrylonitrile
Concen: 247.30 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.7	100.1
51	34.9	28.6	43.0

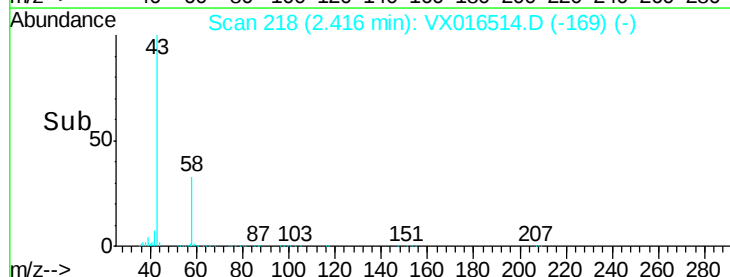
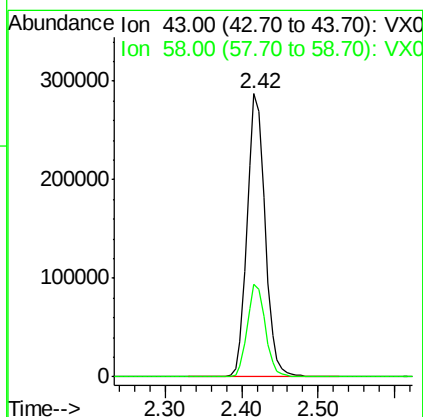
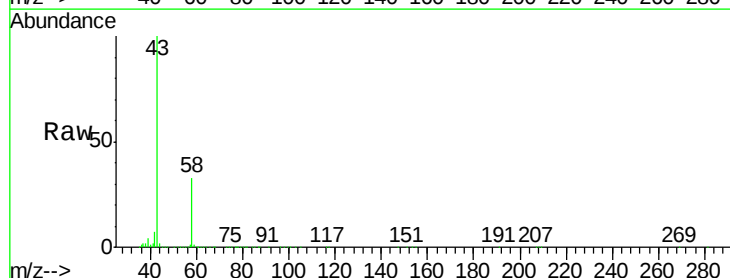
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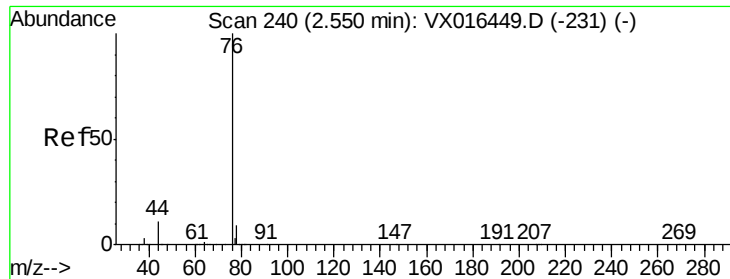
MMDadoda
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#16
Acetone
Concen: 243.52 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.7	26.1	39.1





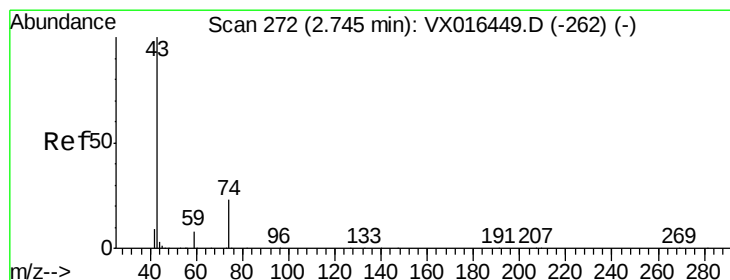
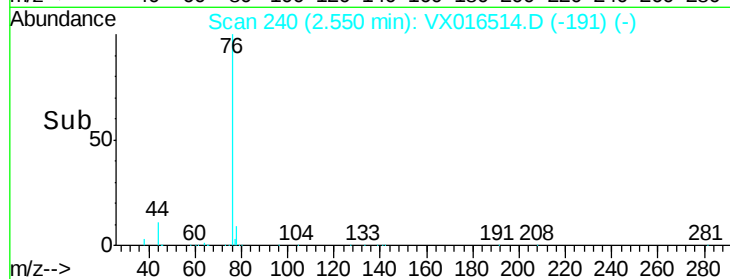
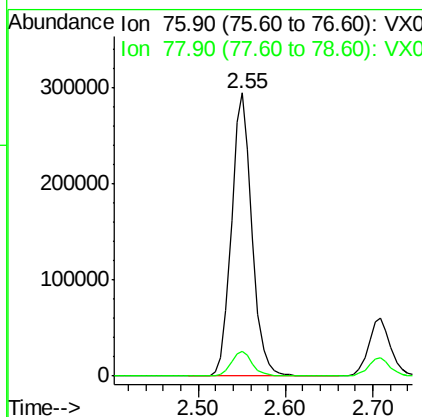
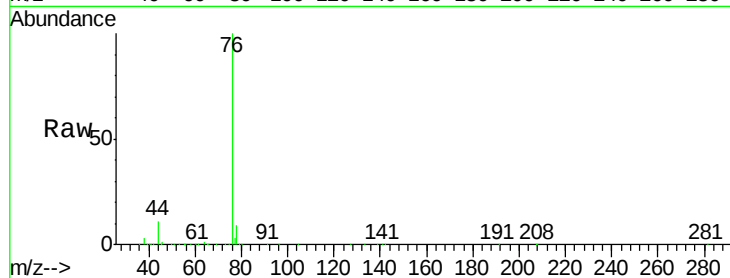
#17
Carbon Disulfide
Concen: 47.16 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

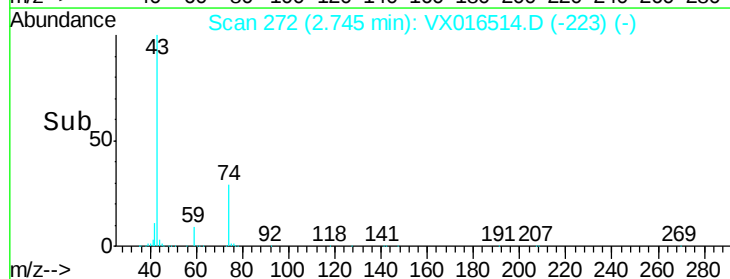
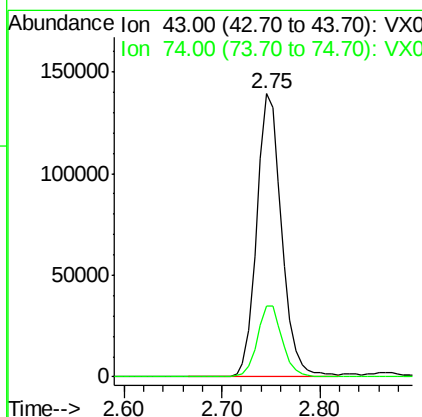
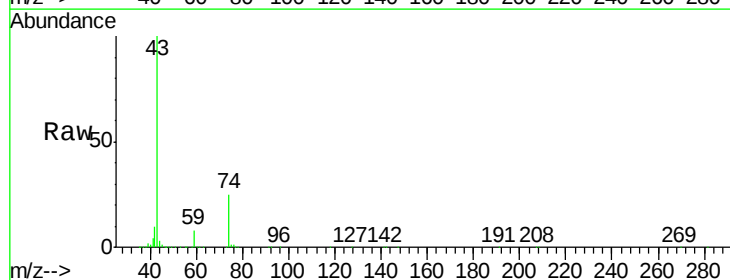
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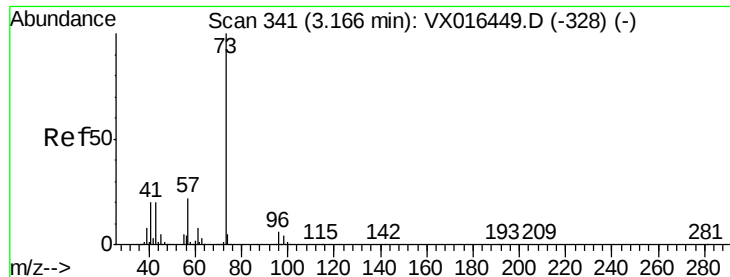
MMDadoda
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#18
Methyl Acetate
Concen: 49.82 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	19.7	29.5





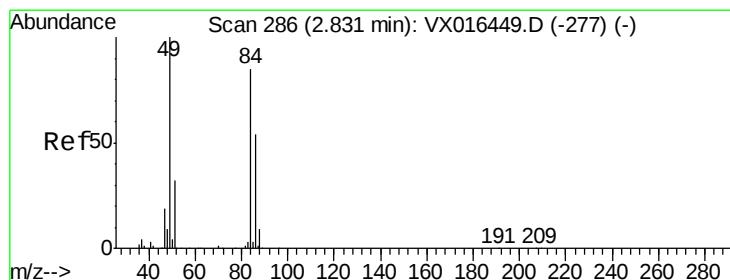
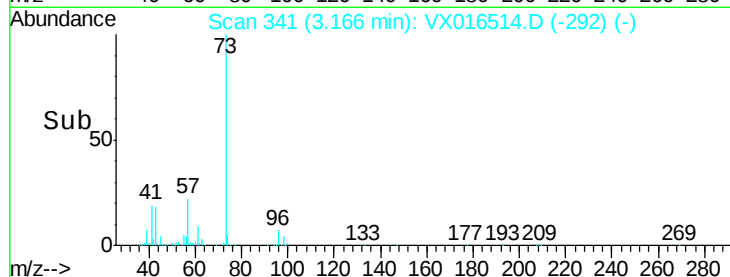
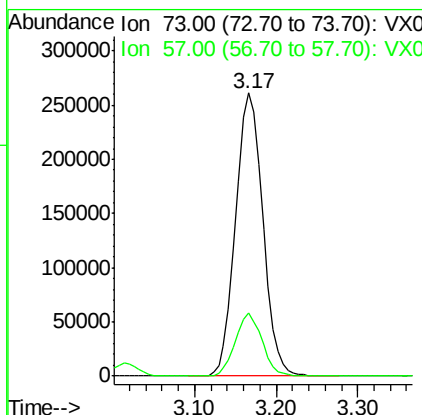
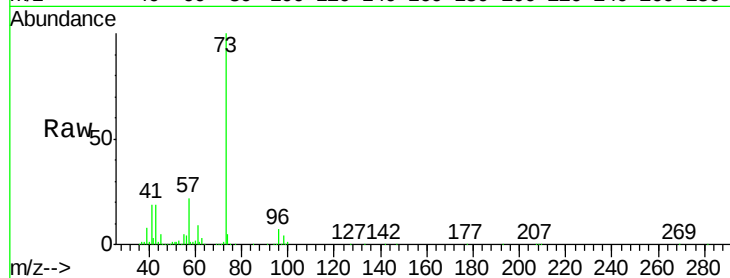
#19
Methyl tert-butyl Ether
Concen: 49.05 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.6

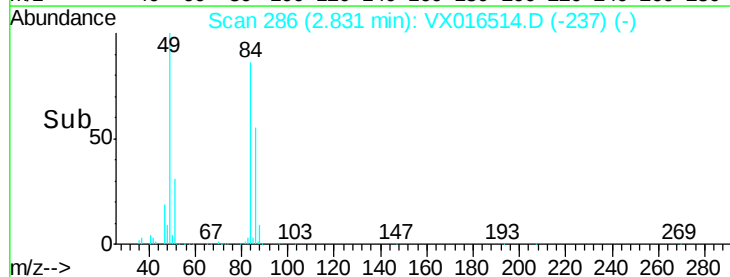
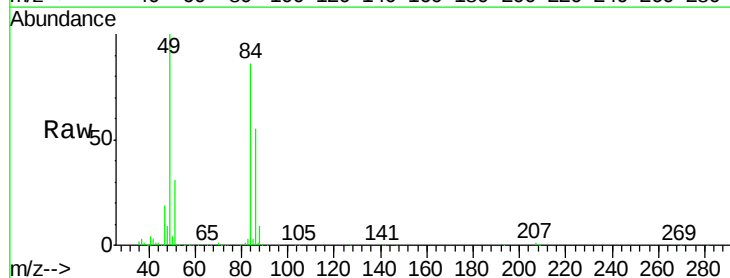
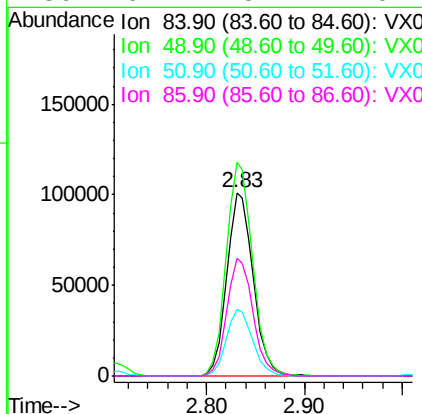
Manual Integrations
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#20
Methylene Chloride
Concen: 47.02 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.6	94.5	141.7
51	36.5	30.2	45.4
86	64.2	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 48.45 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

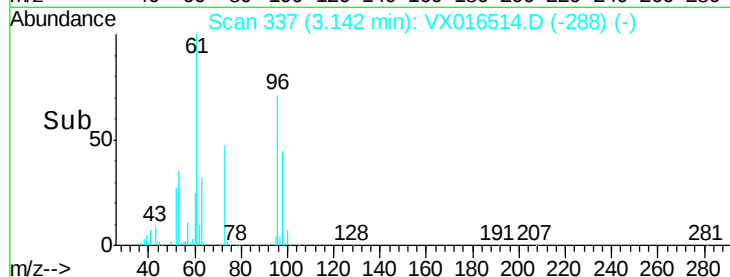
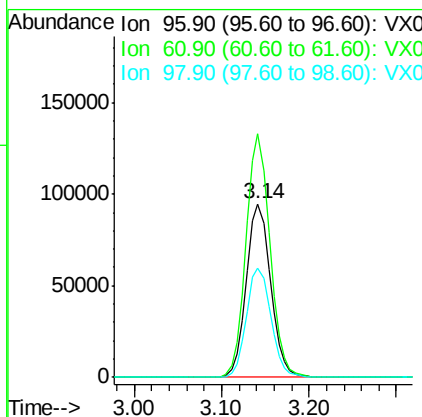
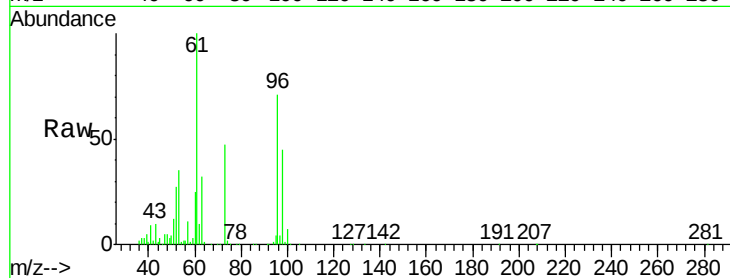
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	183295
Ion	Ratio	Lower	Upper
96	100		
61	140.1	115.3	172.9
98	62.7	51.9	77.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.22 ug/l

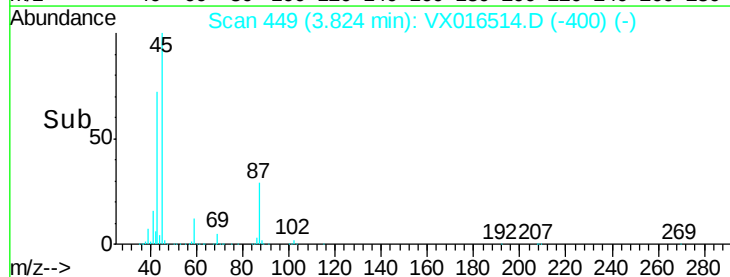
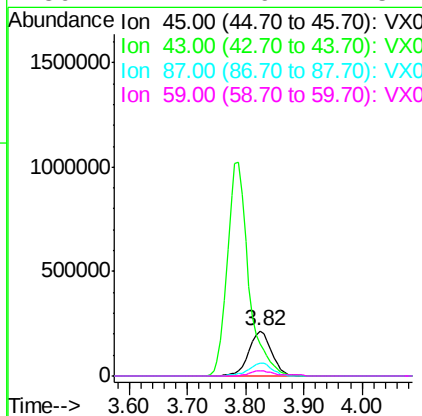
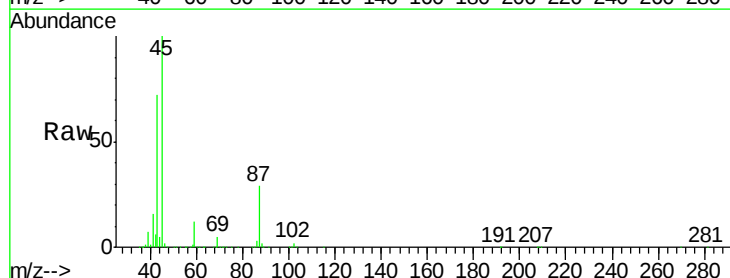
RT: 3.82 min Scan# 449

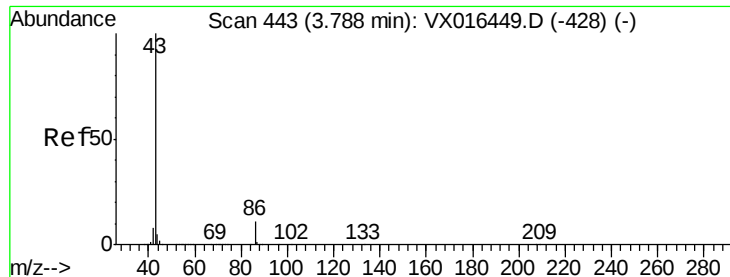
Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Tgt Ion:	45	Resp:	582651
Ion	Ratio	Lower	Upper
45	100		
43	72.0	57.0	85.6
87	29.0	22.5	33.7
59	12.1	9.1	13.7





#23

Vinyl Acetate

Concen: 247.12 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2613678

Ion Ratio Lower Upper

43 100

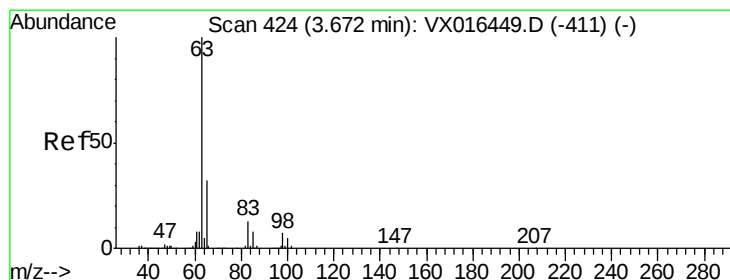
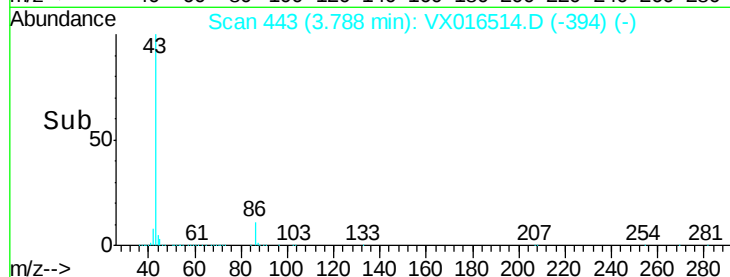
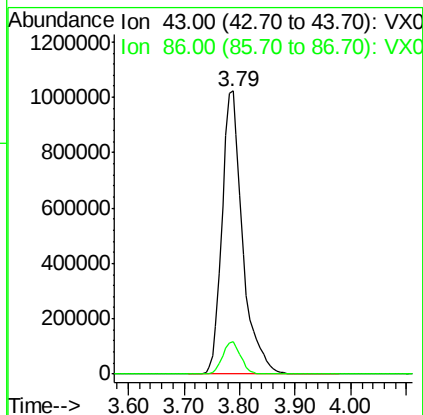
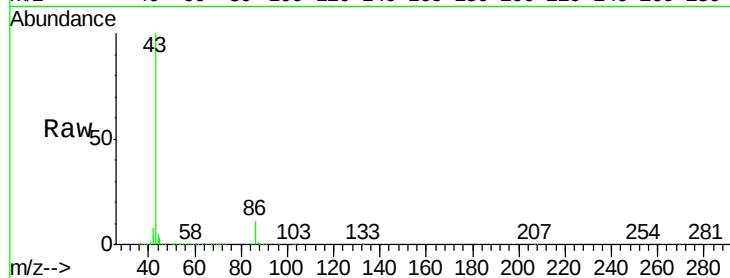
86 11.4 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 48.07 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

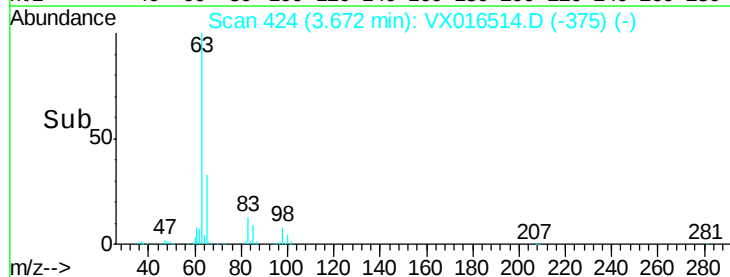
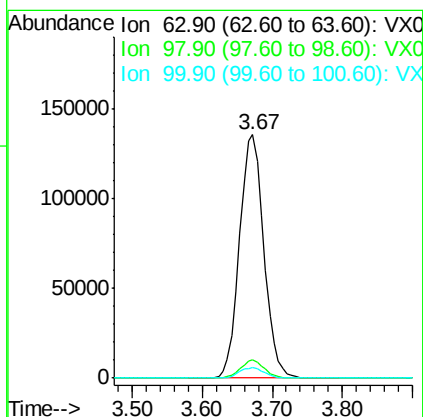
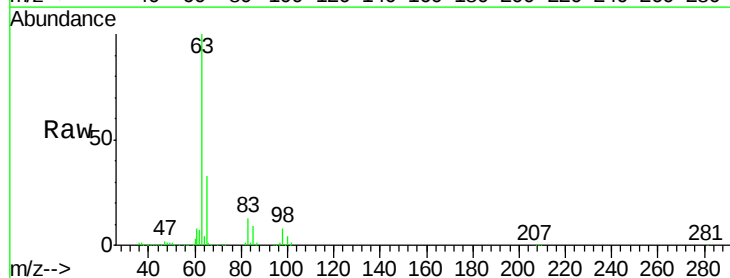
Tgt Ion: 63 Resp: 327841

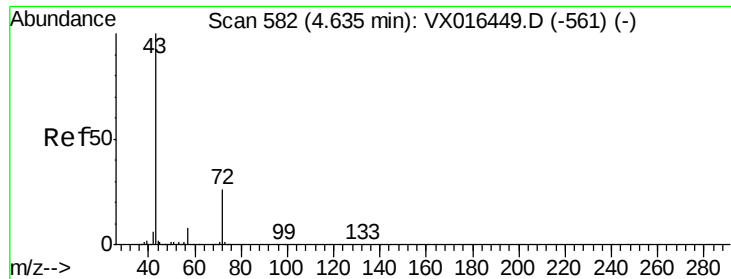
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 242.82 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 795725

Ion Ratio Lower Upper

43 100

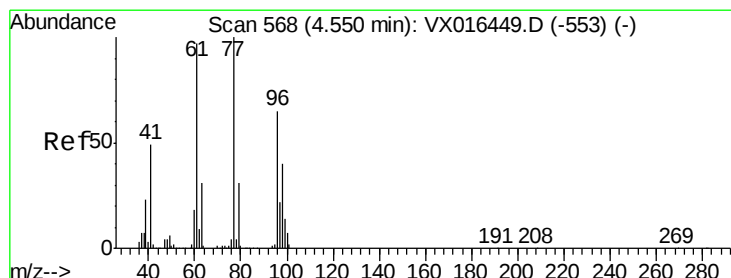
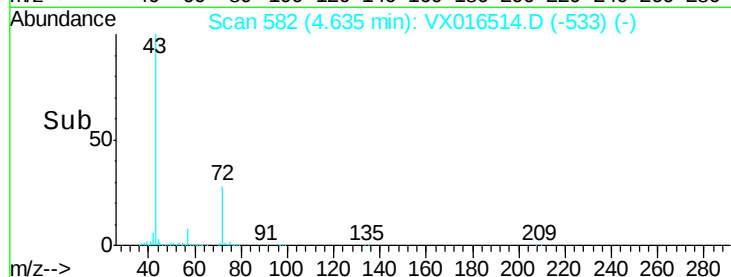
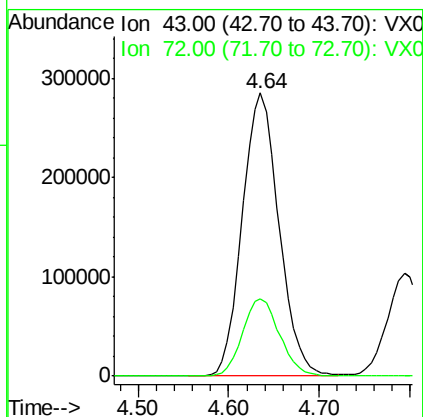
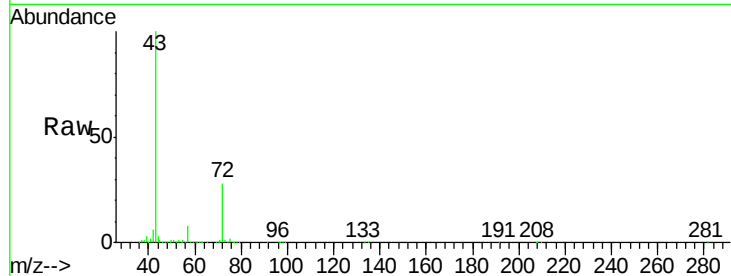
72 27.3 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.49 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016514.D

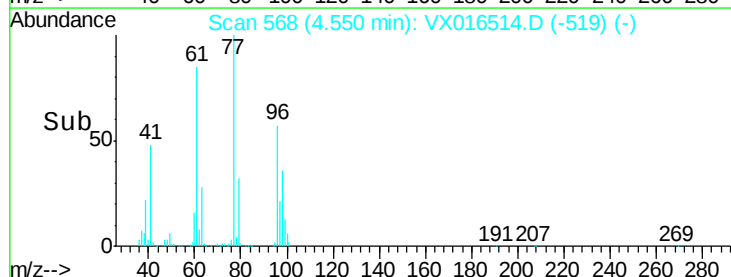
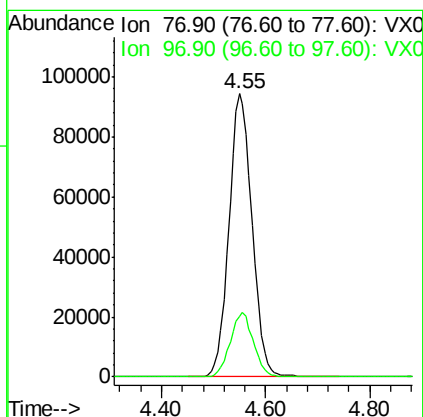
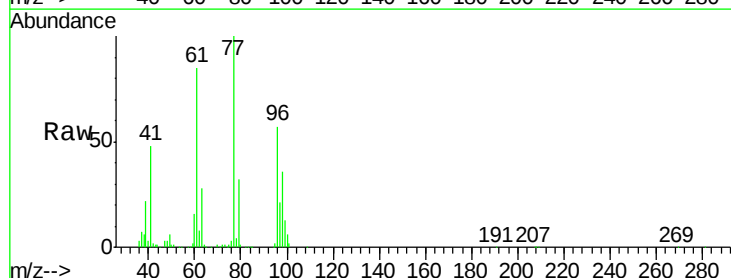
Acq: 29 May 2020 16:25

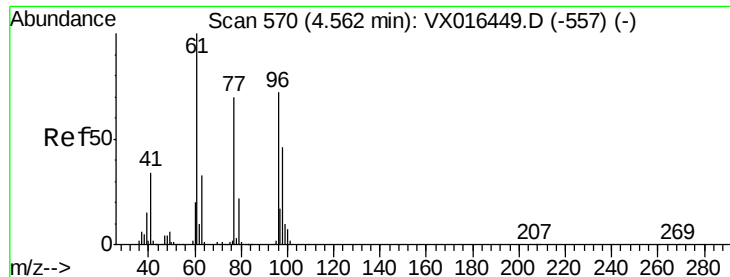
Tgt Ion: 77 Resp: 292936

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 47.86 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

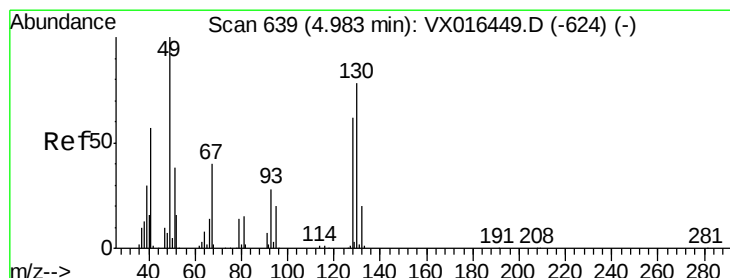
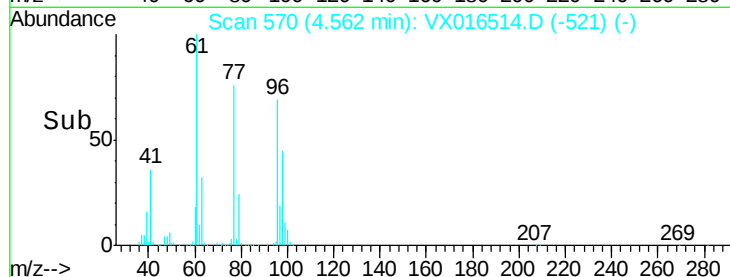
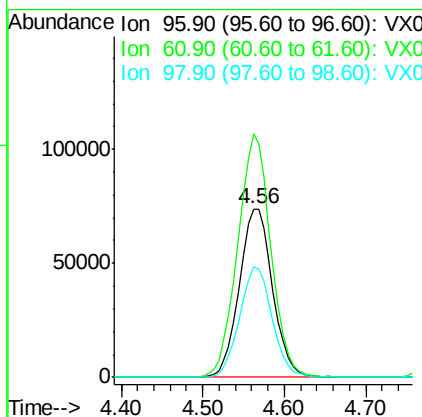
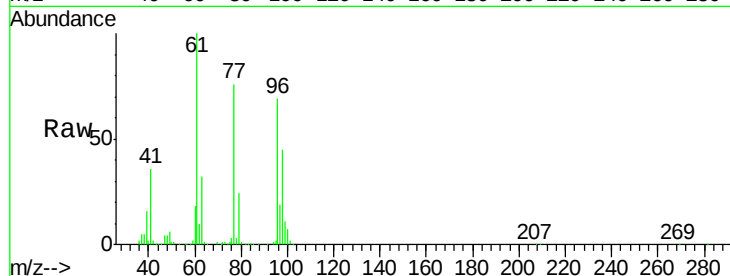
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	209475
Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	284.6
98	64.1	0.0	127.2

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#28

Bromochloromethane

Concen: 45.27 ug/l

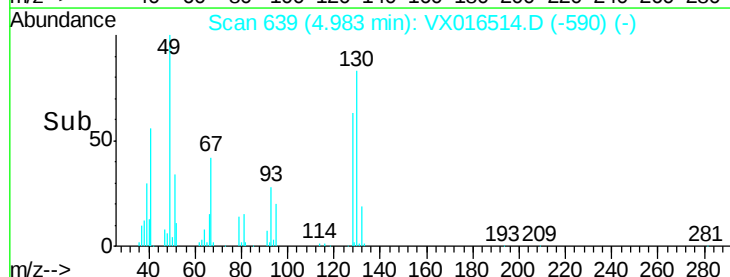
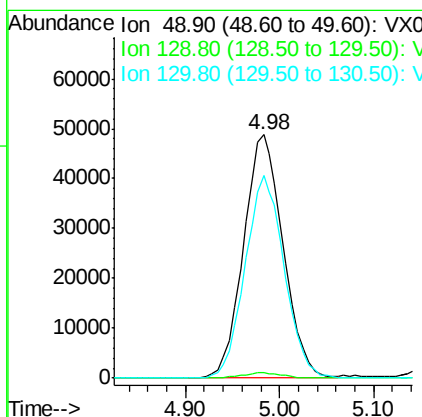
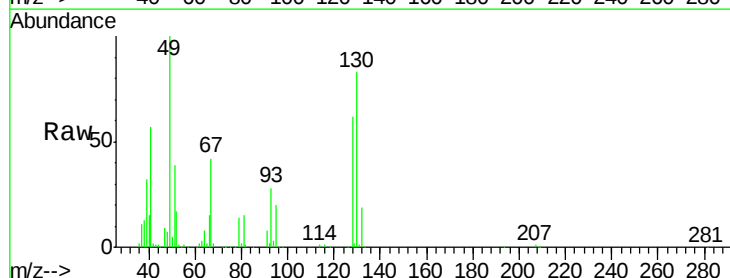
RT: 4.98 min Scan# 639

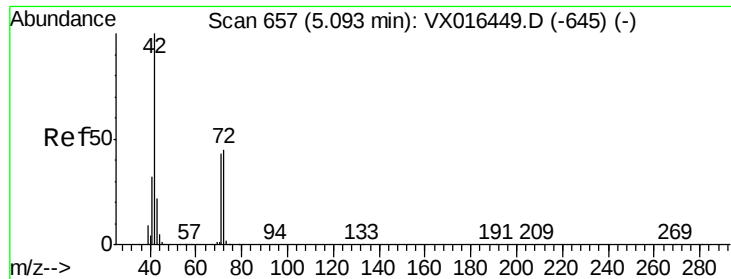
Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Tgt Ion:	49	Resp:	143477
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	82.5	63.0	94.4





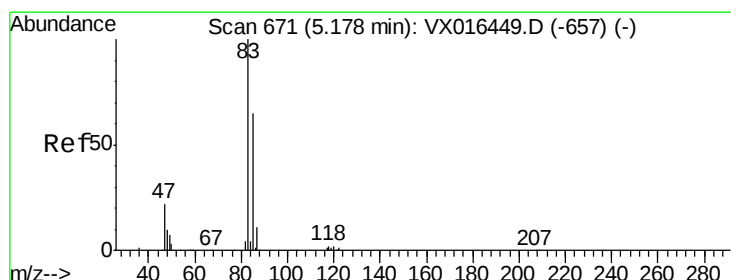
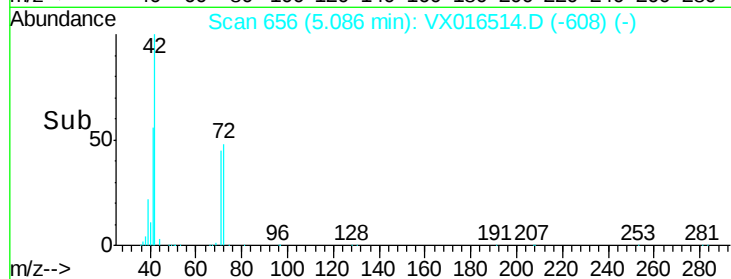
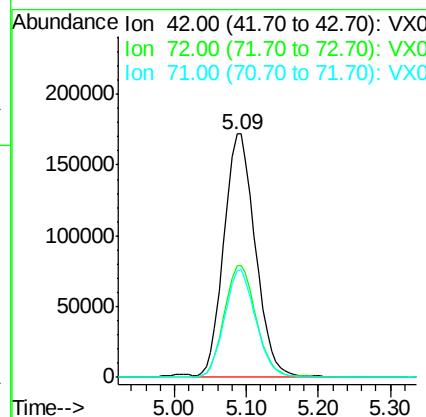
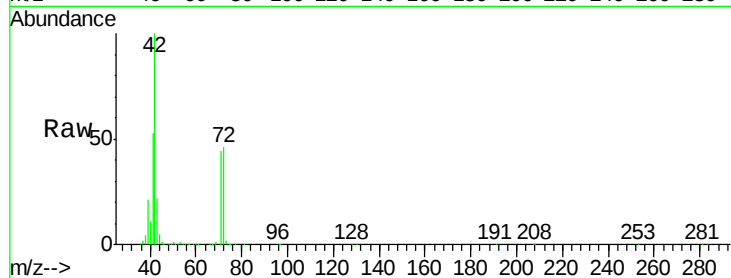
#29
Tetrahydrofuran
Concen: 246.55 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.0	55.4
71	43.9	34.1	51.1

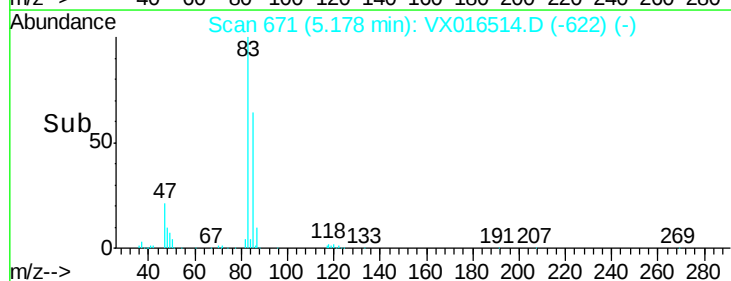
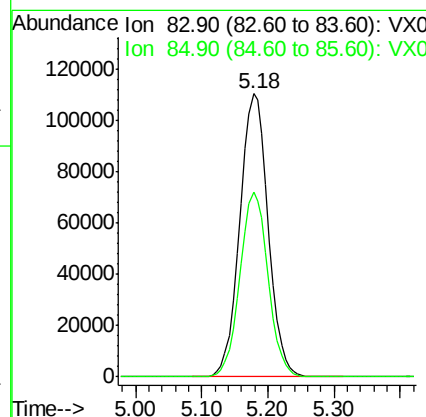
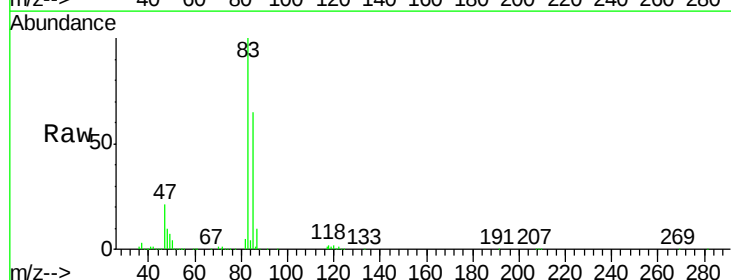
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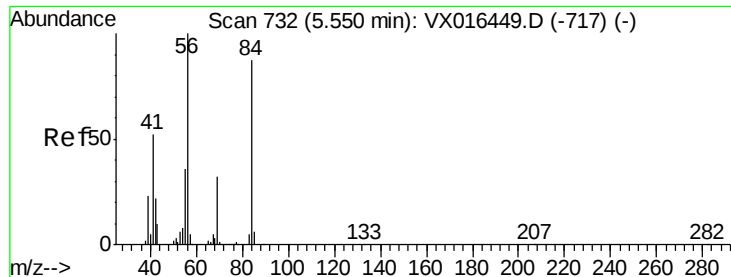
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#30
Chloroform
Concen: 47.78 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.0	78.0





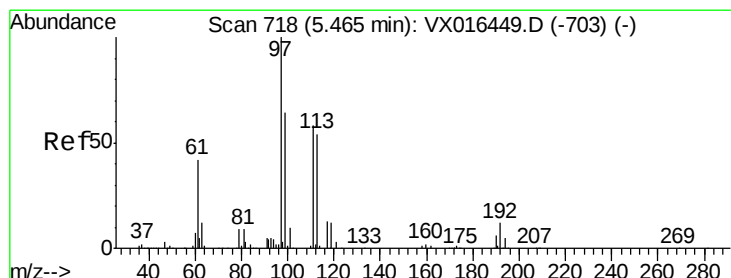
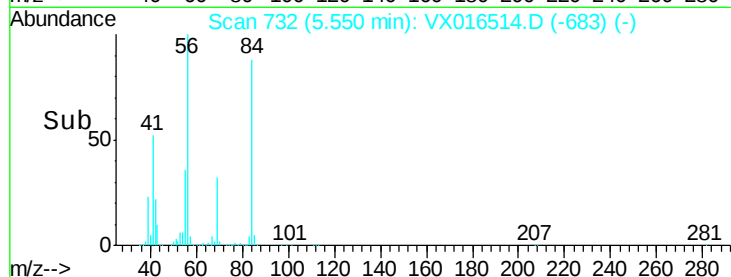
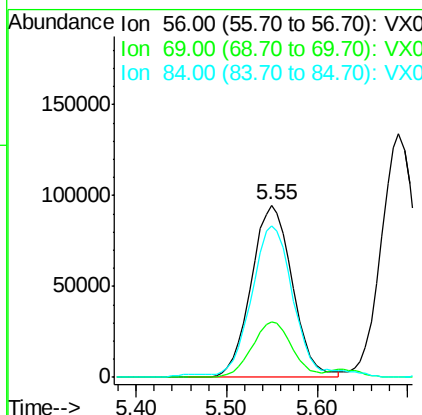
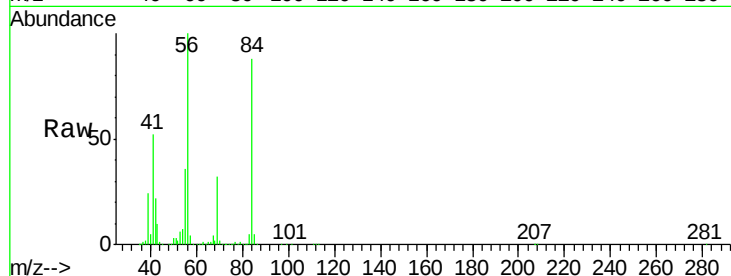
#31
Cyclohexane
Concen: 48.49 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.7	38.5
84	86.3	70.0	105.0

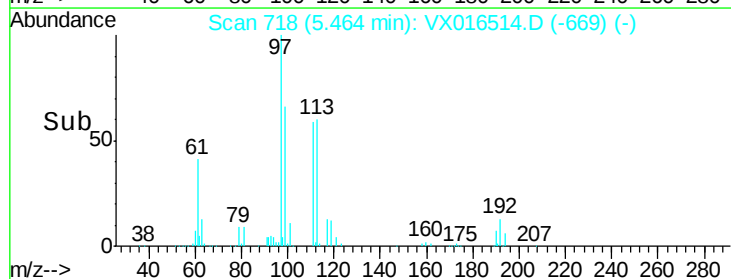
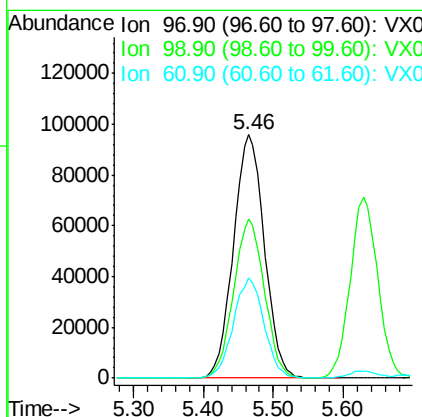
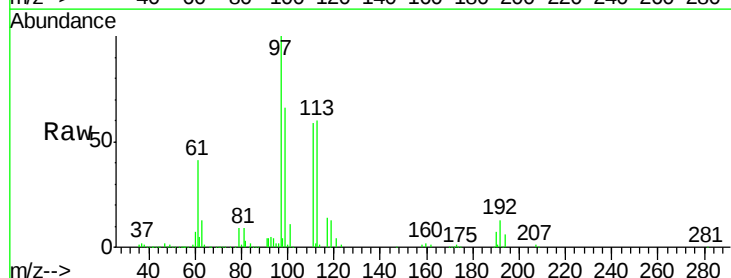
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#32
1,1,1-Trichloroethane
Concen: 47.36 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.2
61	40.9	33.5	50.3





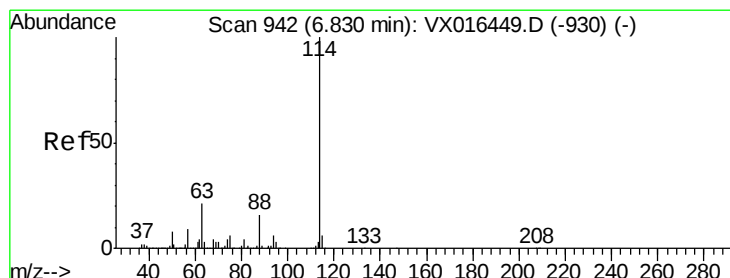
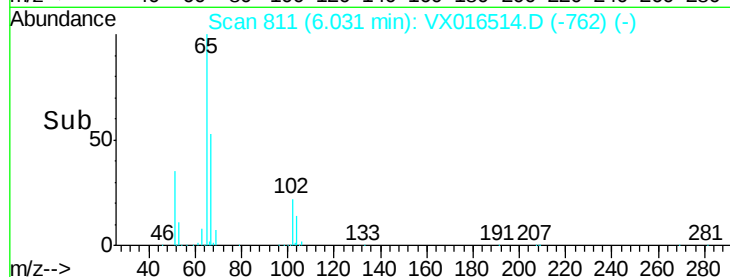
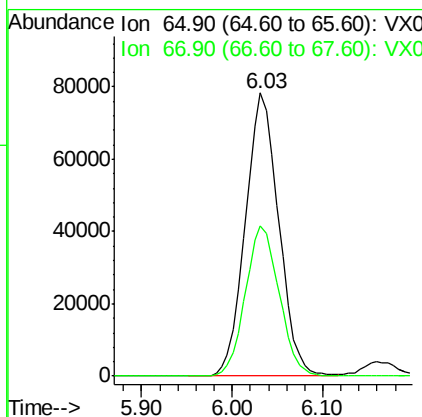
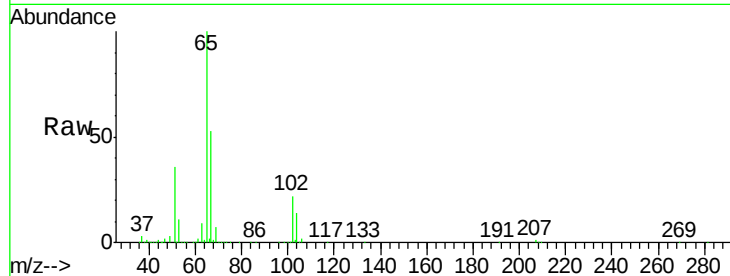
#33
 1,2-Dichloroethane-d4
 Concen: 45.25 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	199739		
67	53.8	0.0	104.8	

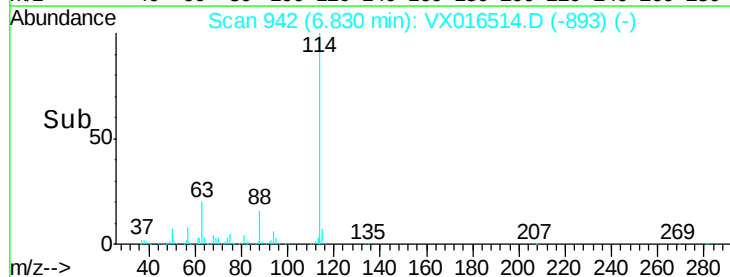
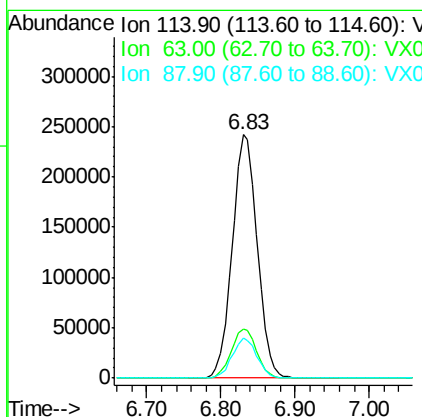
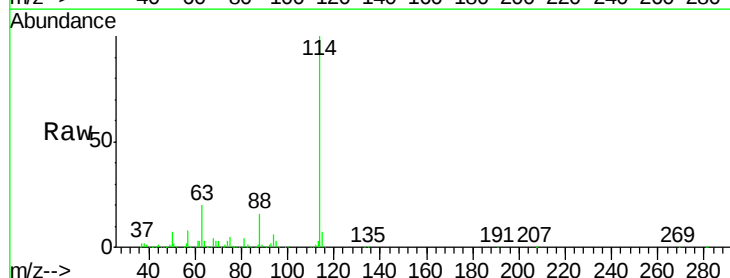
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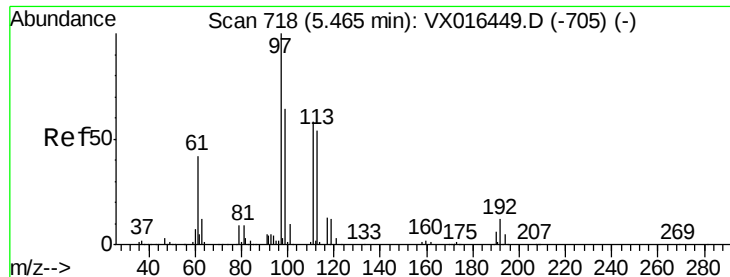
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	569125		
63	20.2	0.0	42.6	
88	16.5	0.0	32.8	





#35

Dibromofluoromethane

Concen: 46.72 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

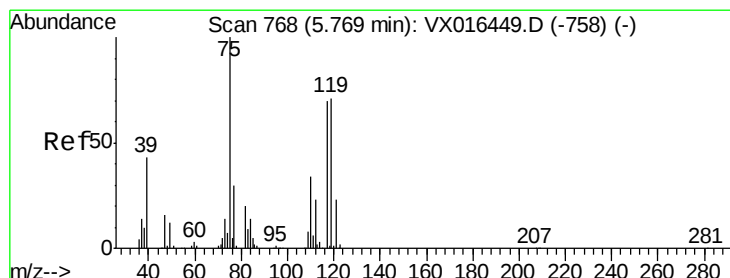
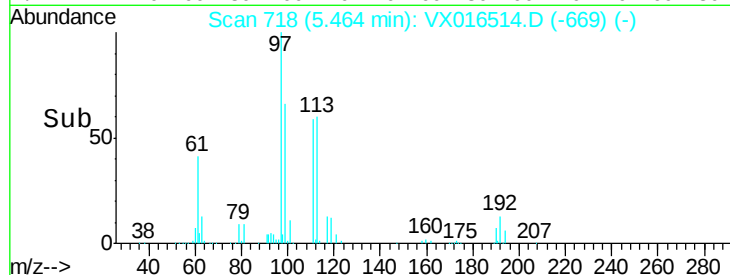
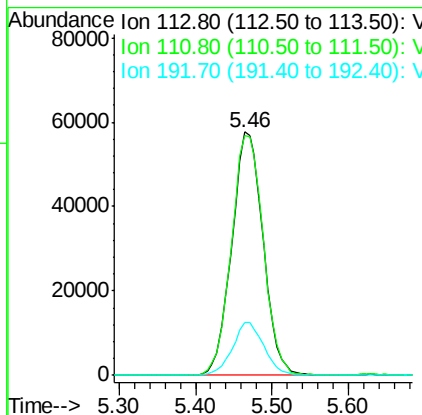
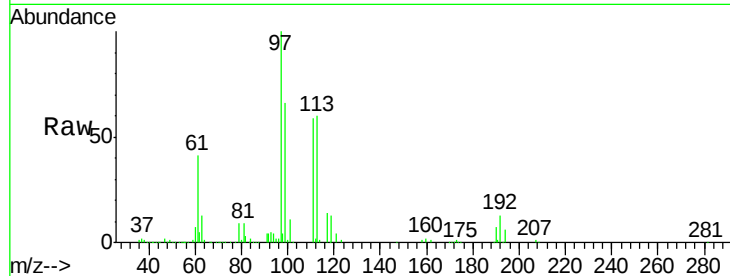
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	163730
Ion Ratio	Lower	Upper	
113	100		
111	100.6	83.0	124.6
192	21.8	17.7	26.5

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#36

1,1-Dichloropropene

Concen: 46.86 ug/l

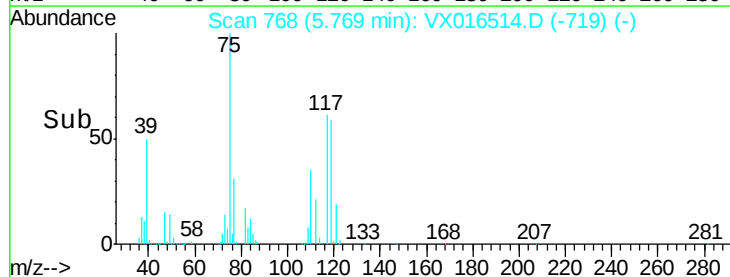
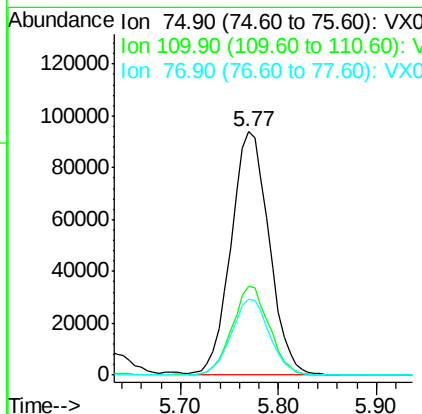
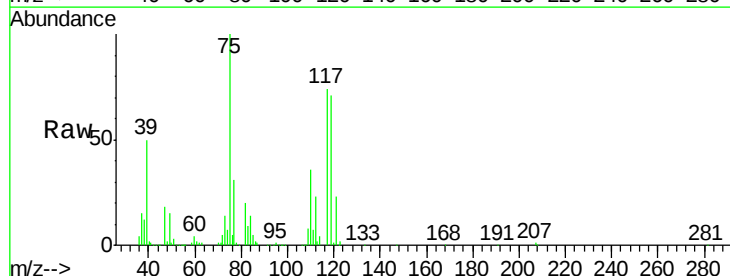
RT: 5.77 min Scan# 768

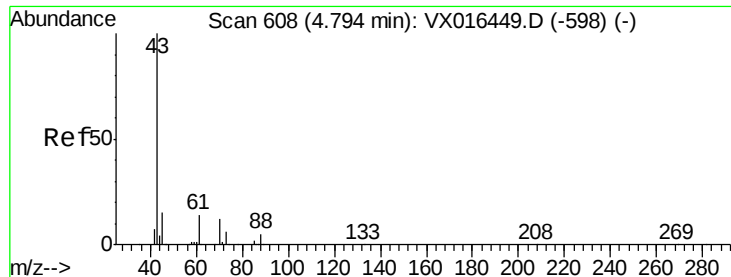
Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Tgt Ion:	75	Resp:	252486
Ion Ratio	Lower	Upper	
75	100		
110	35.8	17.4	52.3
77	31.3	24.2	36.4





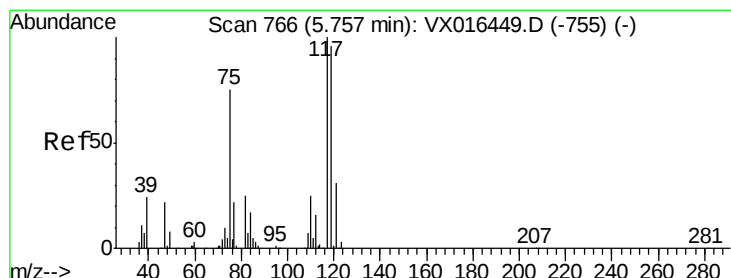
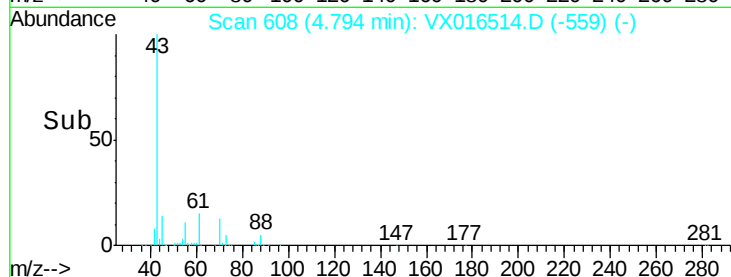
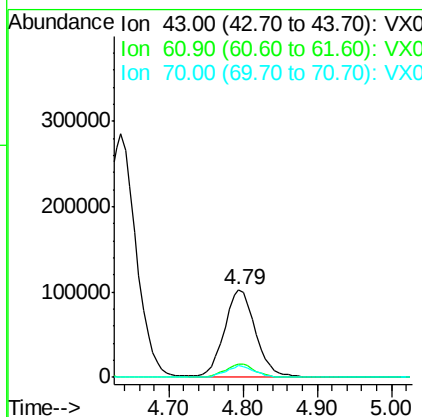
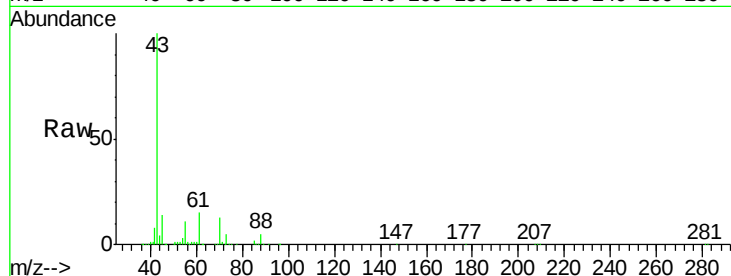
#37
 Ethyl Acetate
 Concen: 46.14 ug/l
 RT: 4.79 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	298526		
61	14.8		11.3	16.9
70	12.4		9.3	13.9

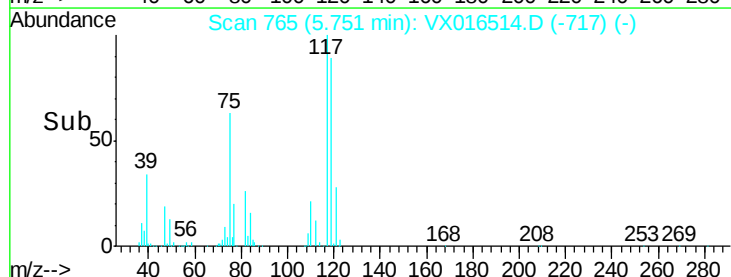
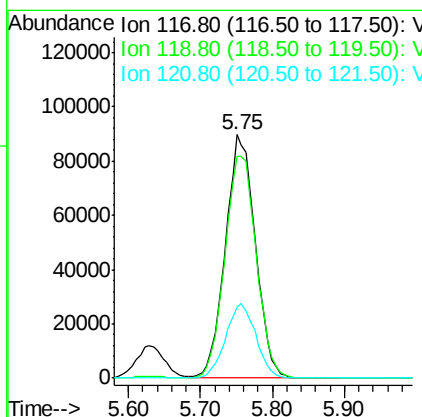
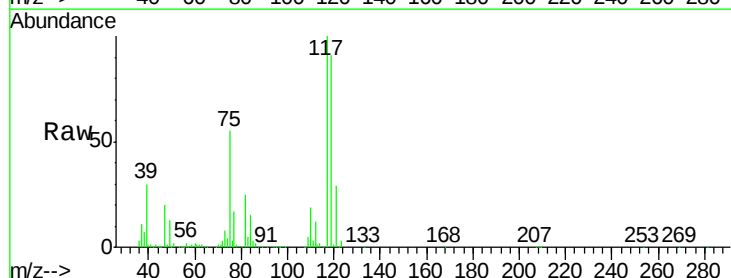
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#38
 Carbon Tetrachloride
 Concen: 45.89 ug/l
 RT: 5.75 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	259863		
119	91.1		76.3	114.5
121	28.9		24.6	37.0





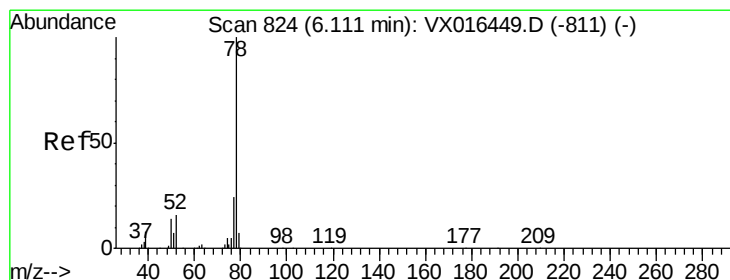
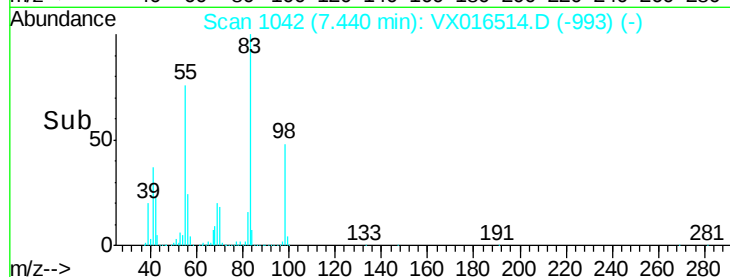
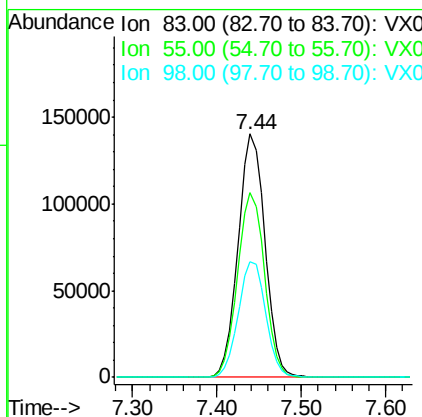
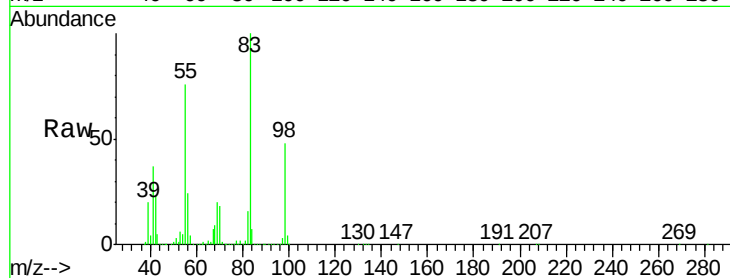
#39
Methylcyclohexane
Concen: 51.46 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	301161		
55	76.0	61.7	92.5	
98	47.5	38.7	58.1	

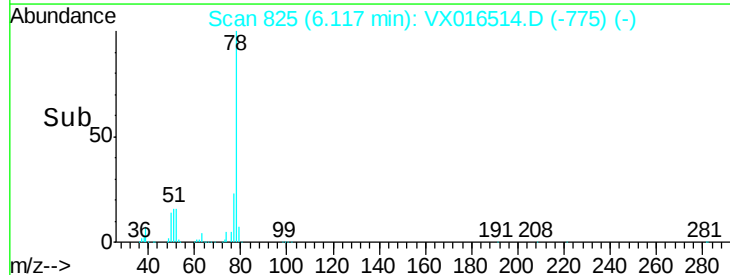
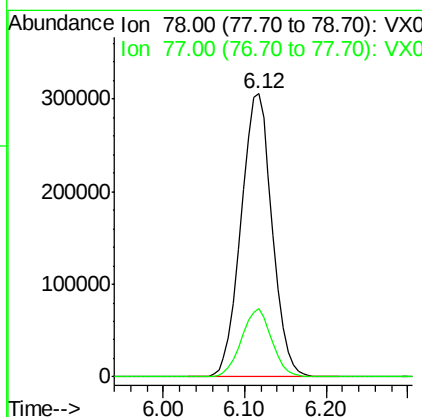
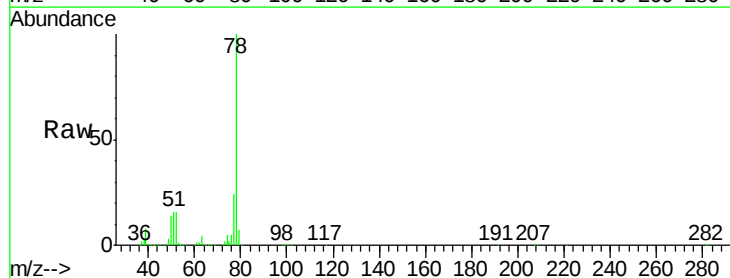
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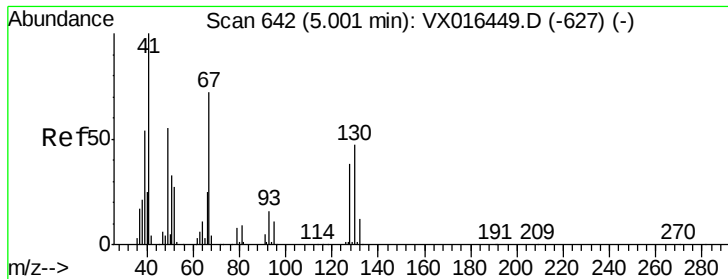
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#40
Benzene
Concen: 50.37 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	808219		
77	24.0	18.9	28.3	





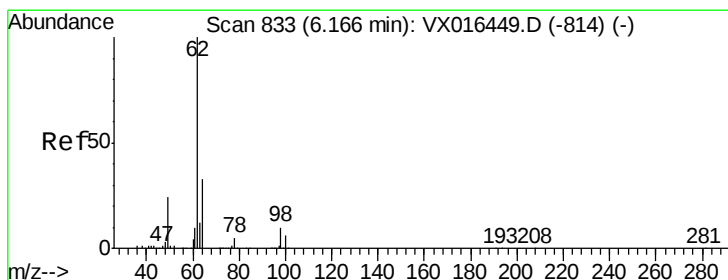
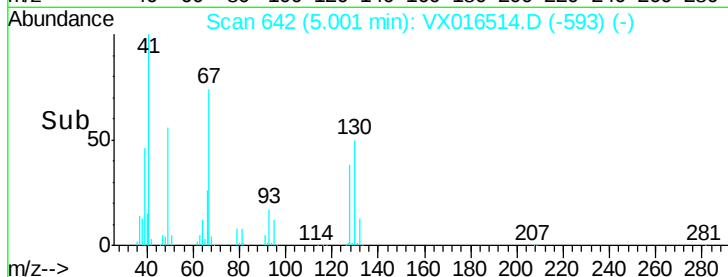
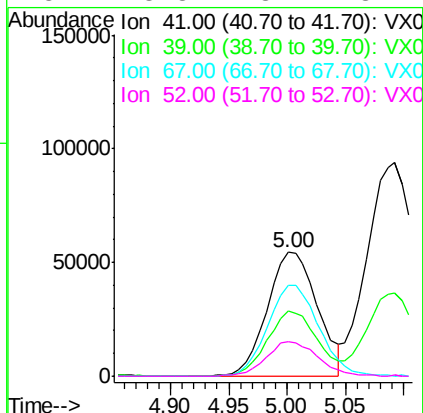
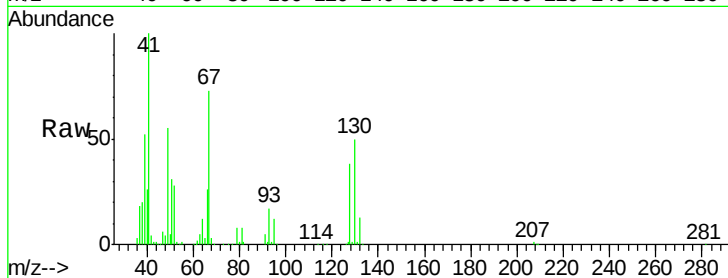
#41
Methacrylonitrile
Concen: 45.64 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.4	43.0	64.4
67	75.2	58.9	88.3
52	28.8	23.1	34.7

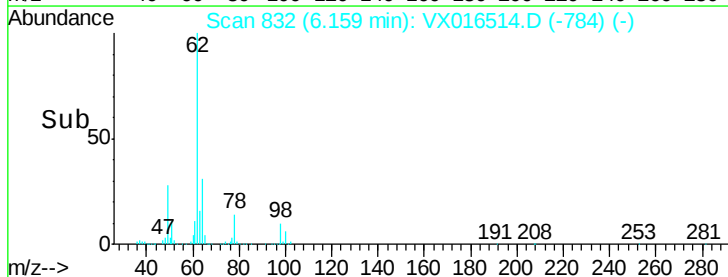
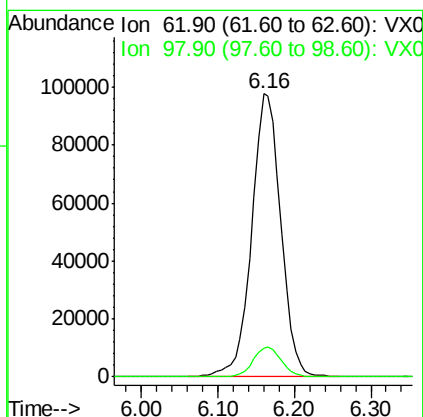
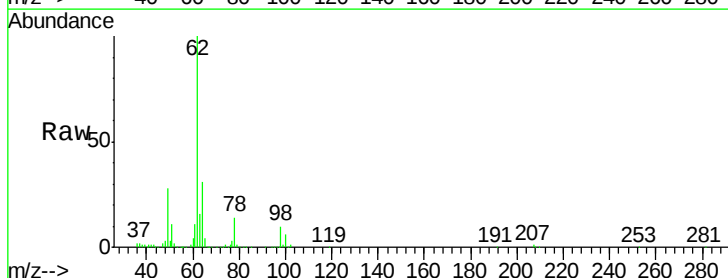
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#42
1,2-Dichloroethane
Concen: 45.51 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.8





#43

Isopropyl Acetate

Concen: 47.70 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

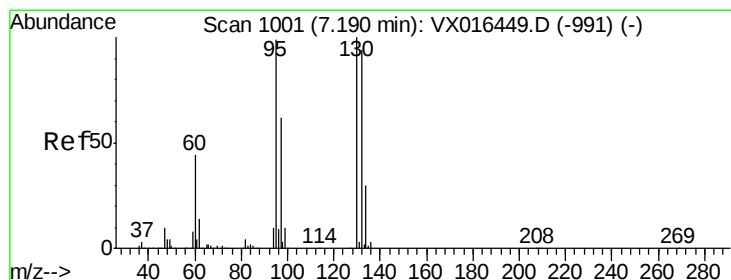
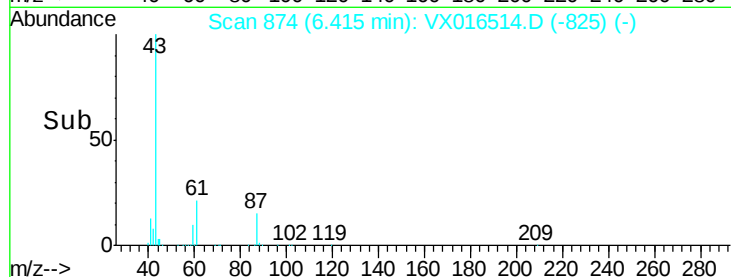
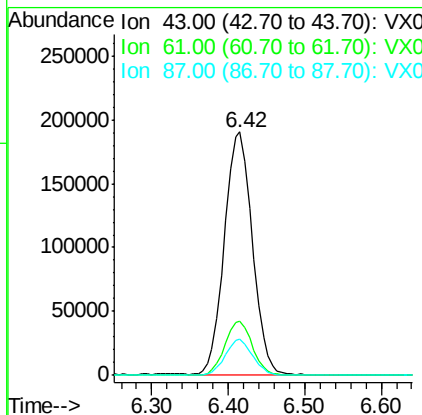
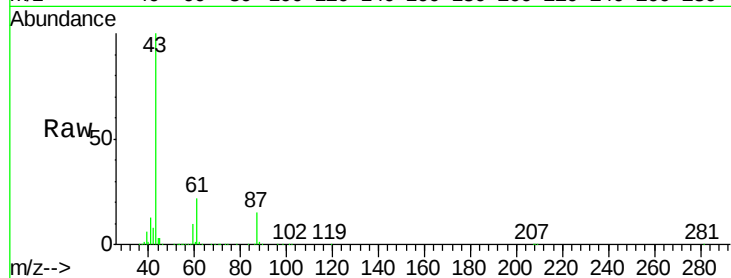
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	481365
Ion Ratio		Lower	Upper
43	100		
61	21.8	16.8	25.2
87	14.4	11.2	16.8

Manual Integrations
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#44

Trichloroethene

Concen: 44.48 ug/l

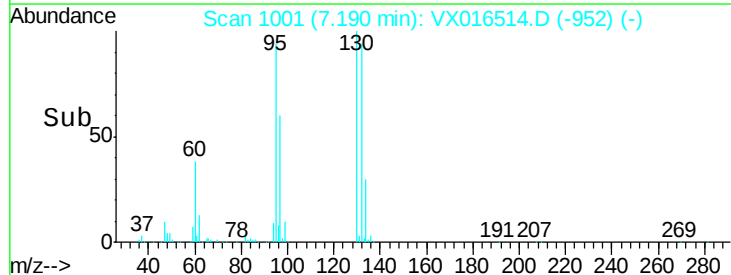
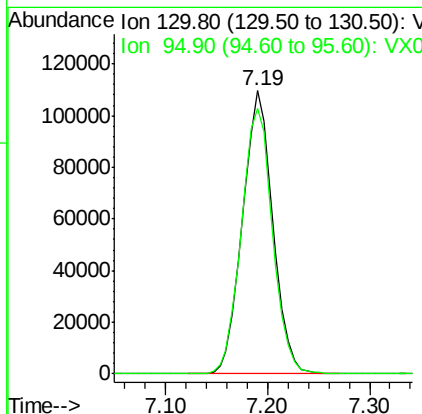
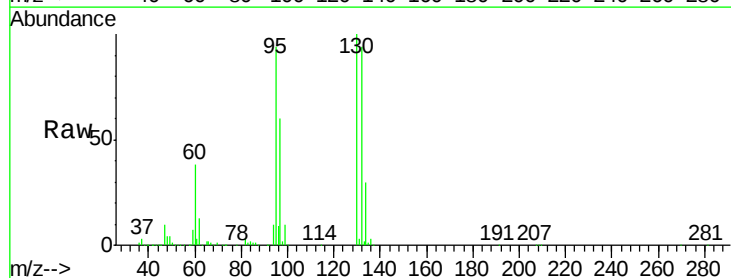
RT: 7.19 min Scan# 1001

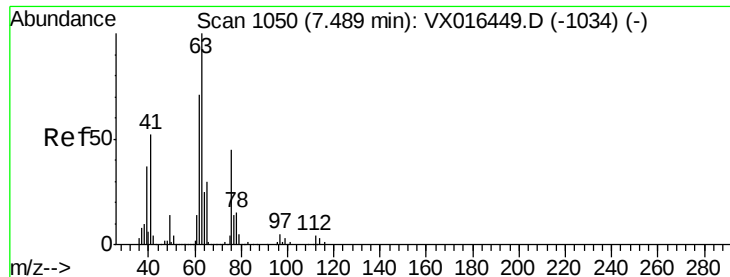
Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Tgt Ion:	130	Resp:	226440
Ion Ratio		Lower	Upper
130	100		
95	94.0	0.0	198.2





#45

1,2-Dichloropropane

Concen: 47.73 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 194971

Ion Ratio Lower Upper

63 100

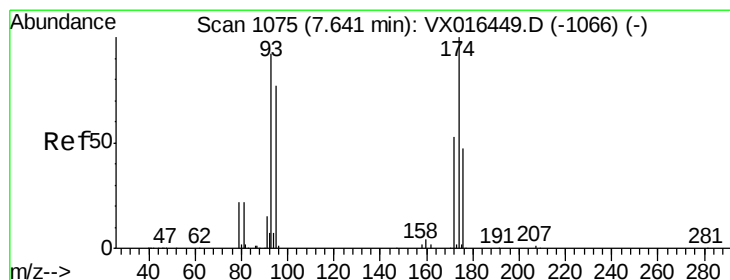
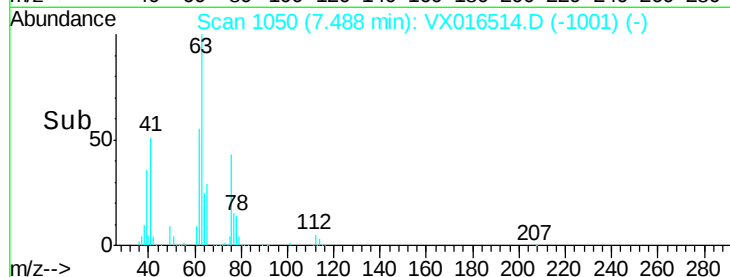
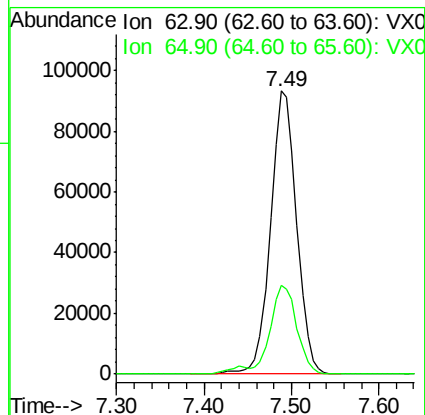
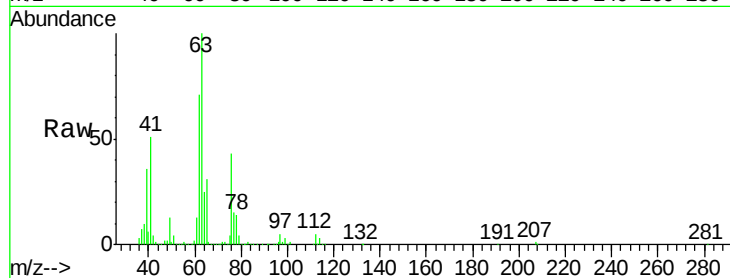
65 31.2 24.2 36.2

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#46

Dibromomethane

Concen: 46.58 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

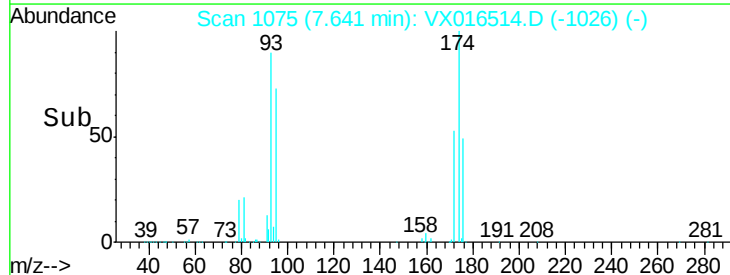
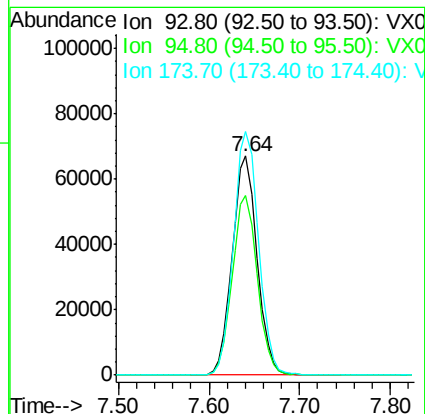
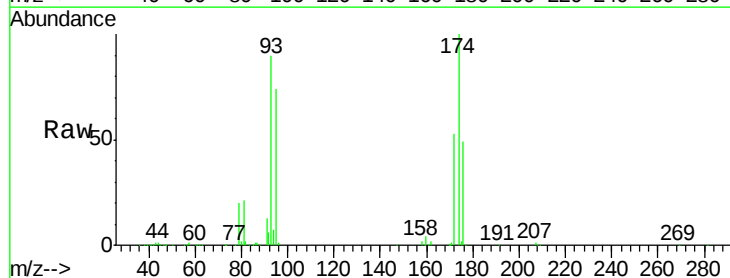
Tgt Ion: 93 Resp: 127813

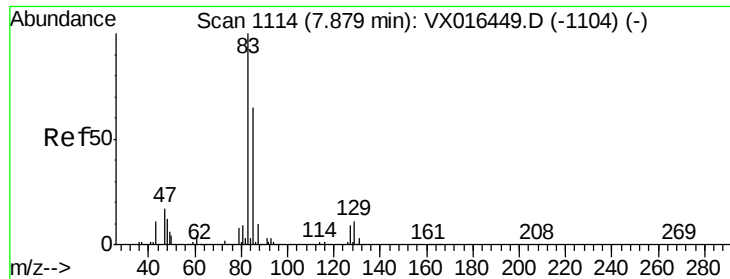
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 111.9 86.2 129.4





#47

Bromodichloromethane

Concen: 46.72 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

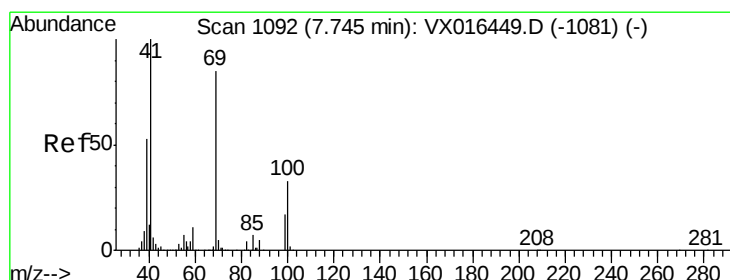
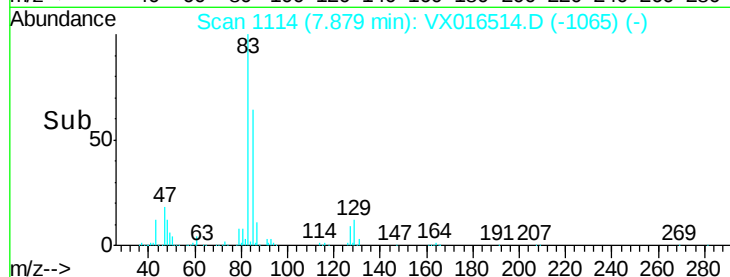
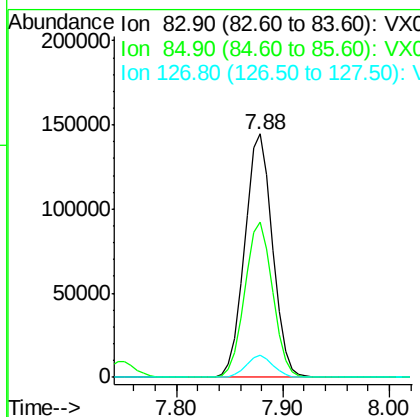
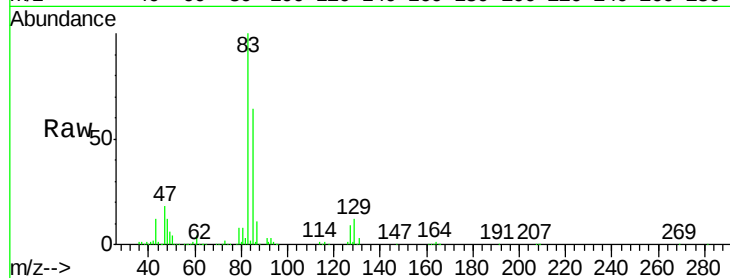
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	265437		
85	63.9	52.0	78.0	
127	9.0	7.4	11.0	

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.65 ug/l

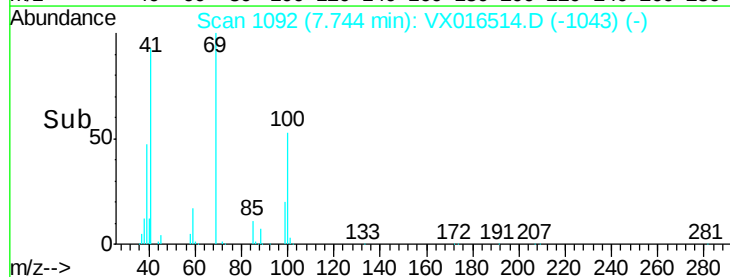
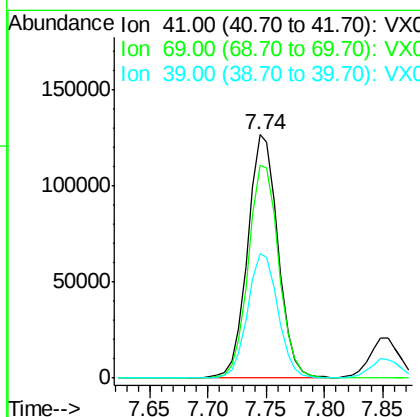
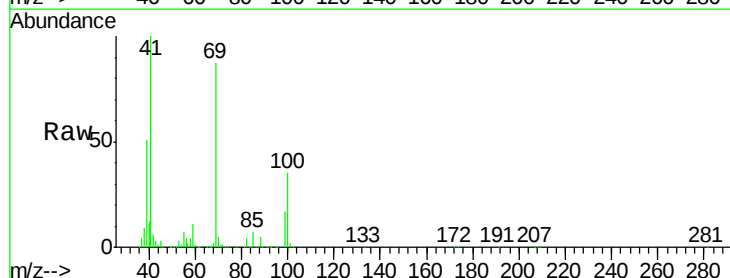
RT: 7.74 min Scan# 1092

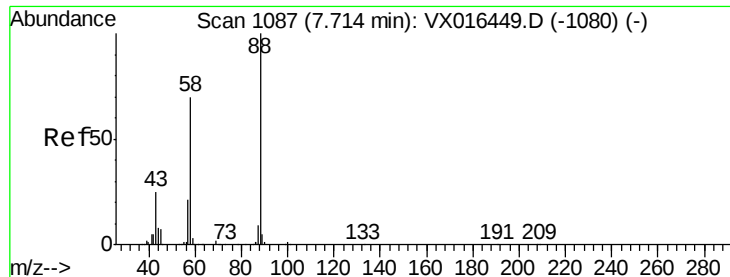
Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	230216		
69	88.6	68.6	102.8	
39	51.5	42.4	63.6	





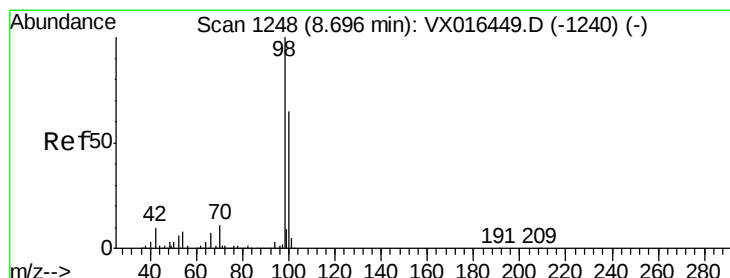
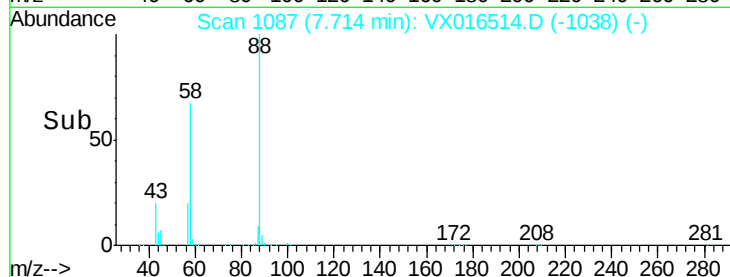
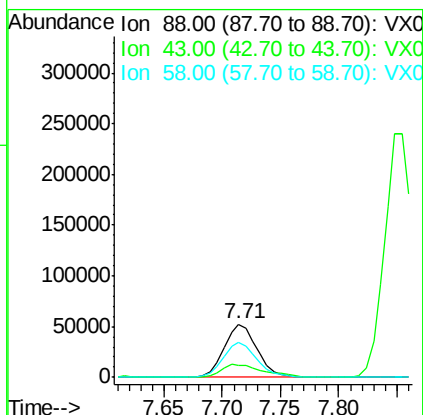
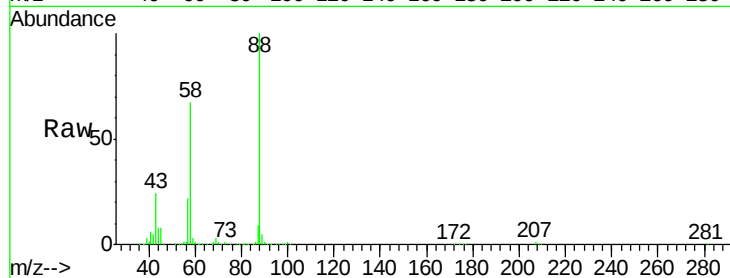
#49
1,4-Dioxane
Concen: 885.42 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.2	24.2	36.4
58	69.4	56.5	84.7

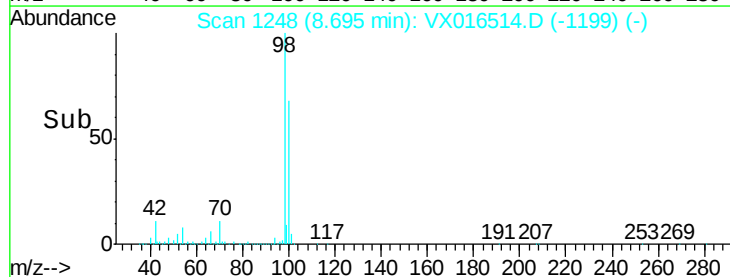
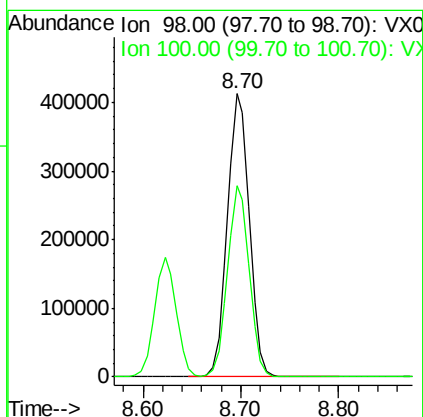
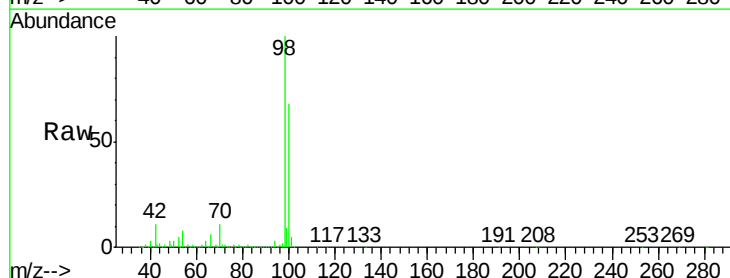
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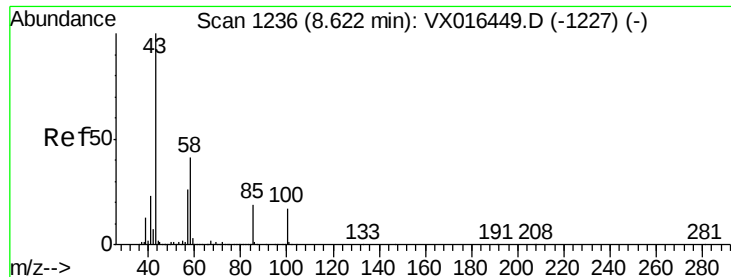
MMDadoda
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#50
Toluene-d8
Concen: 46.94 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.6





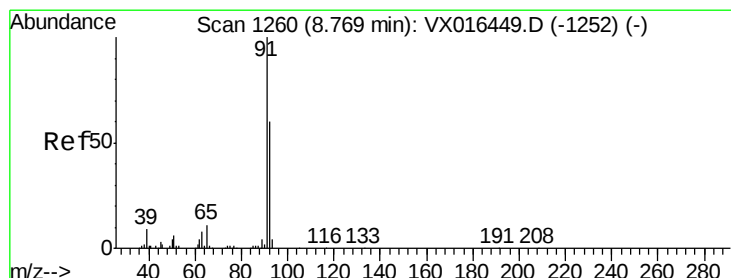
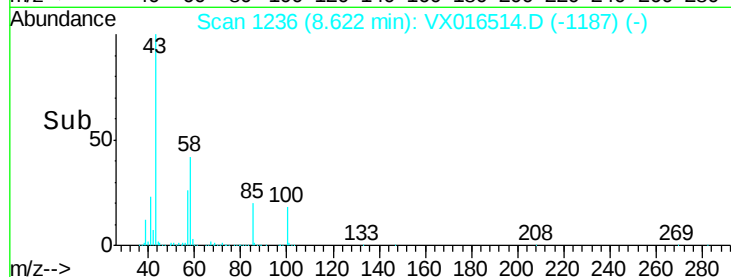
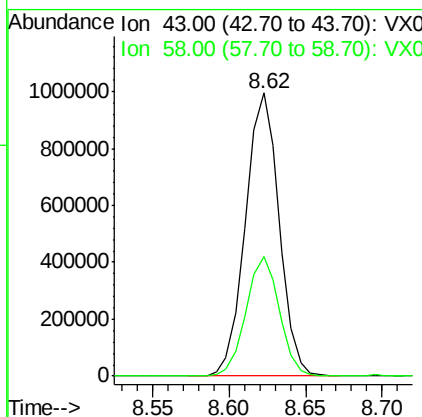
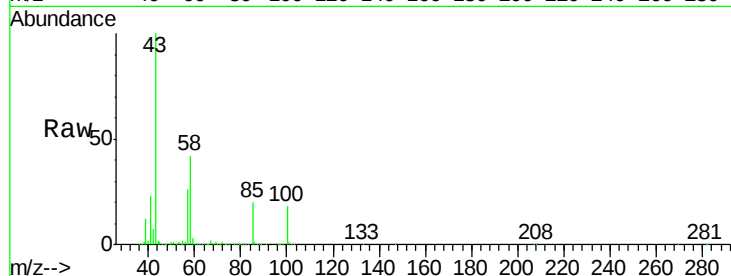
#51
 4-Methyl-2-Pentanone
 Concen: 242.14 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1521445
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.0 49.6

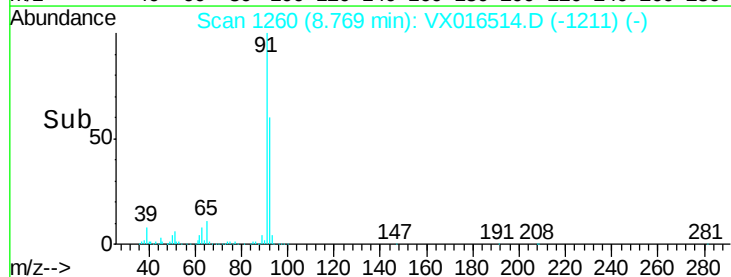
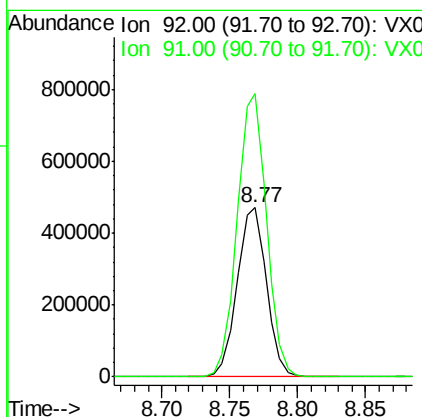
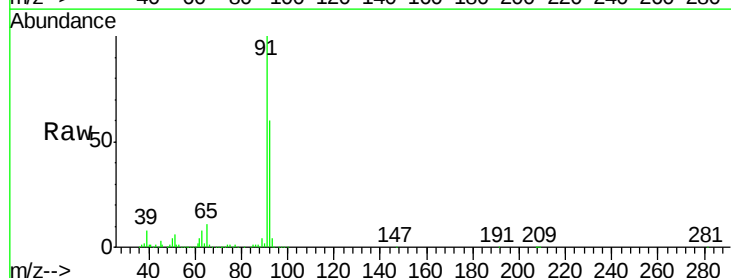
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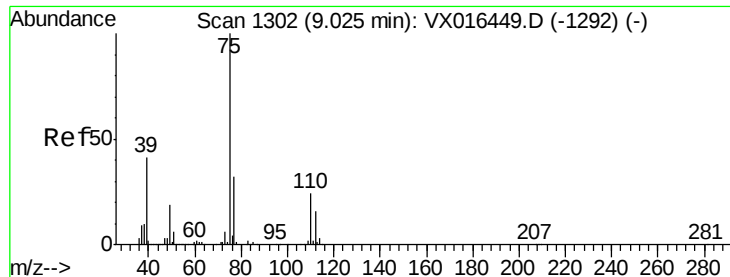
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#52
 Toluene
 Concen: 69.85 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion: 92 Resp: 706771
 Ion Ratio Lower Upper
 92 100
 91 167.8 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 48.58 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 313843

Ion Ratio Lower Upper

75 100

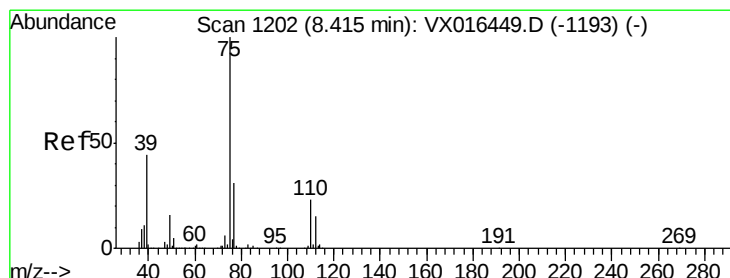
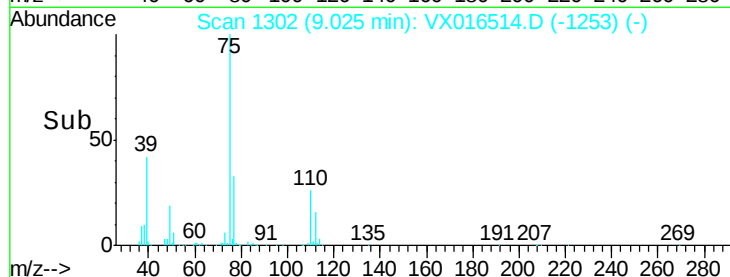
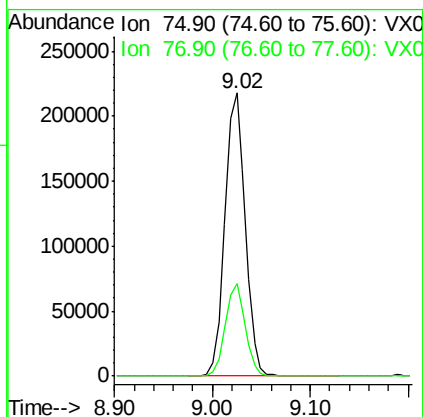
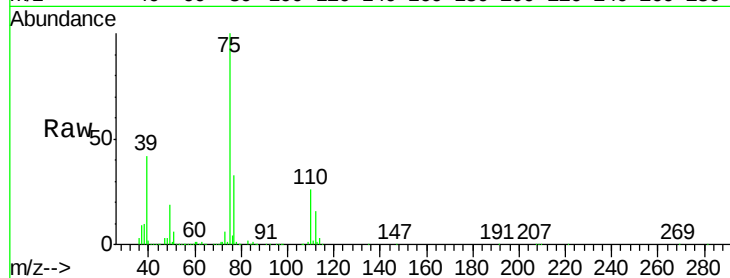
77 32.6 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 49.26 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

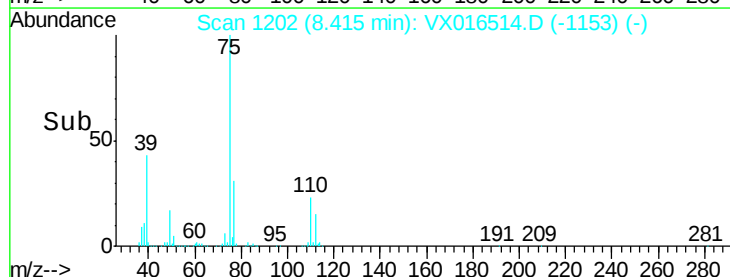
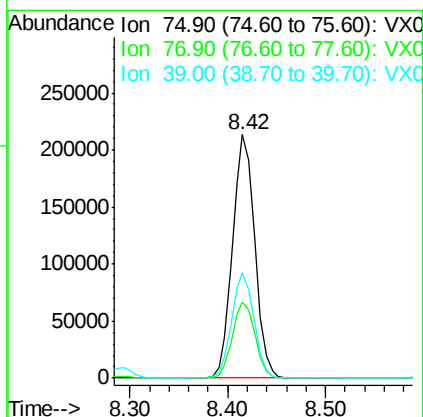
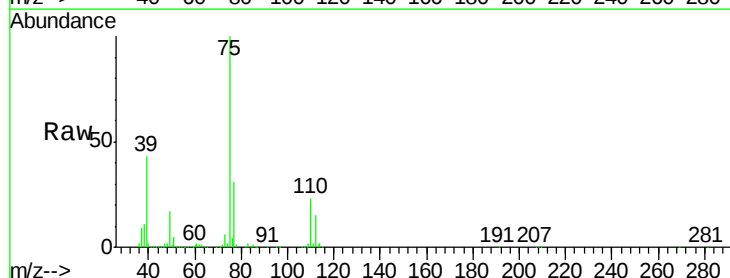
Tgt Ion: 75 Resp: 336844

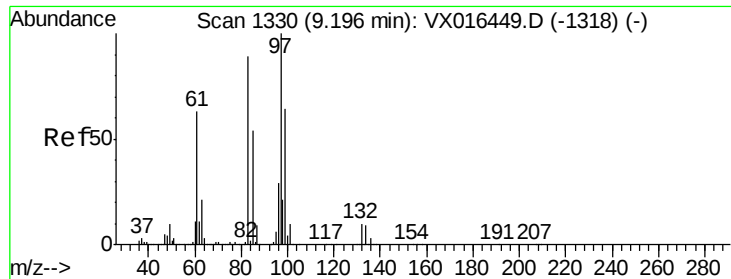
Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

39 43.2 35.3 52.9





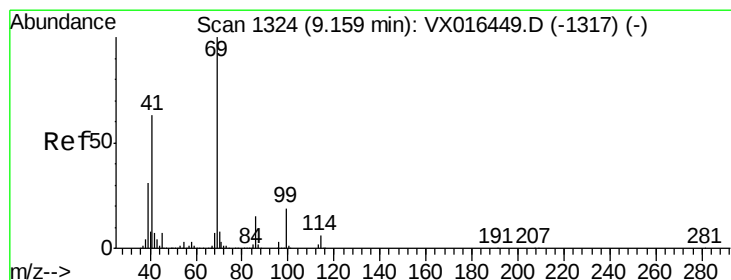
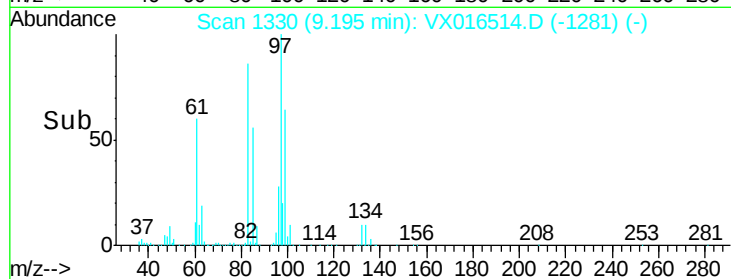
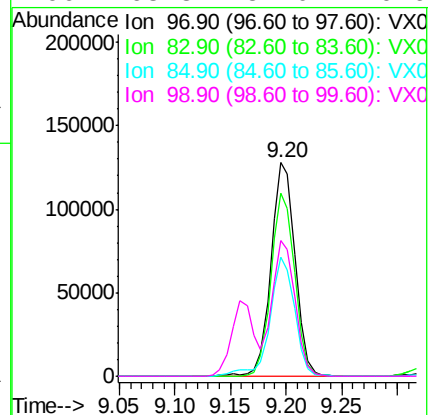
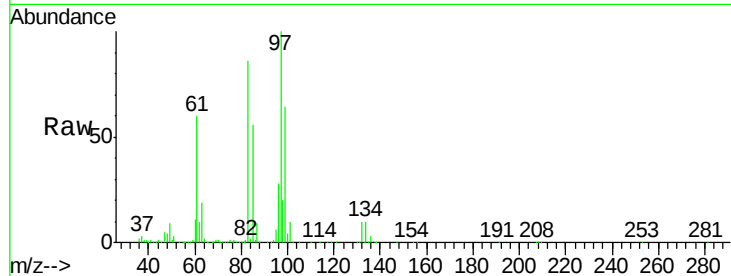
#55
 1,1,2-Trichloroethane
 Concen: 48.08 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	193430		
83	85.9	70.9	106.3	
85	55.6	43.4	65.2	
99	63.8	51.0	76.6	

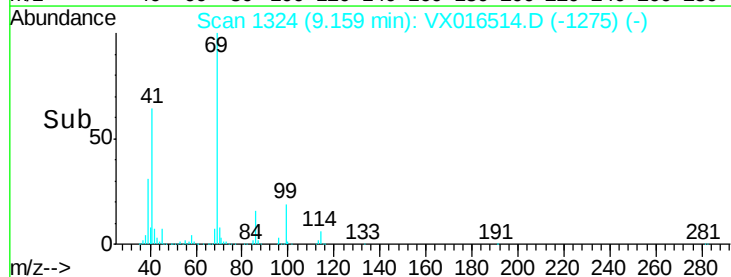
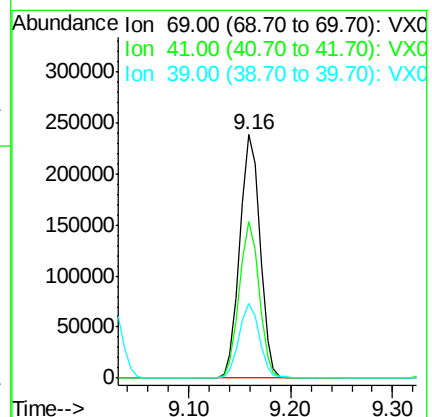
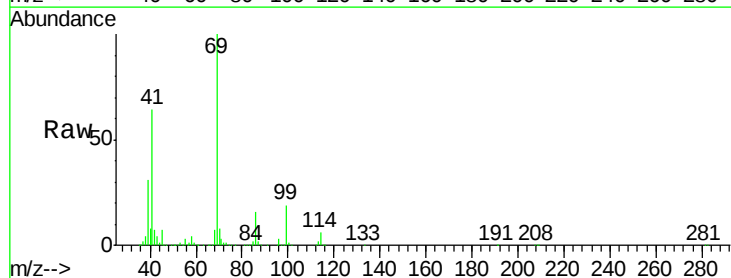
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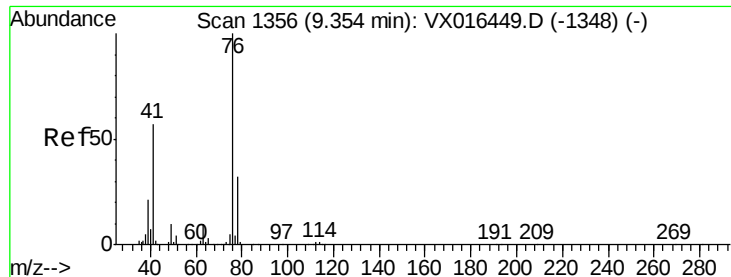
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#56
 Ethyl methacrylate
 Concen: 49.73 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	325848		
41	63.0	50.7	76.1	
39	30.5	25.8	38.6	





#57

1,3-Dichloropropane

Concen: 48.14 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 332431

Ion Ratio Lower Upper

76 100

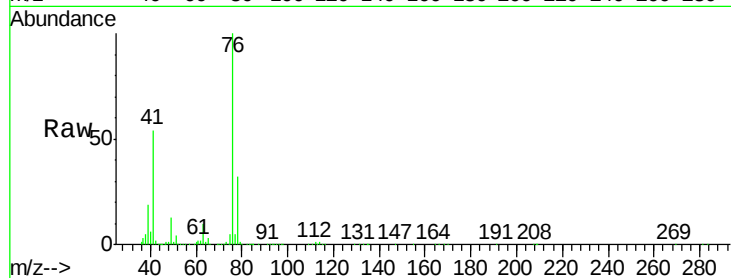
78 31.8 26.2 39.4

Manual Integrations

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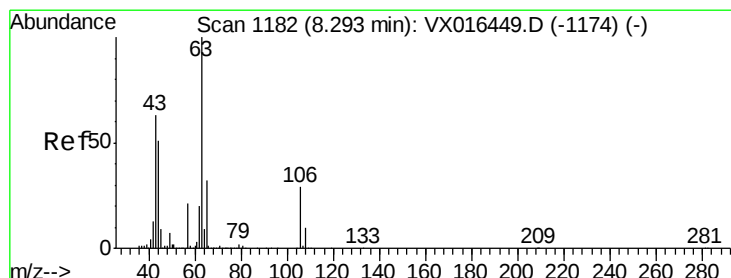
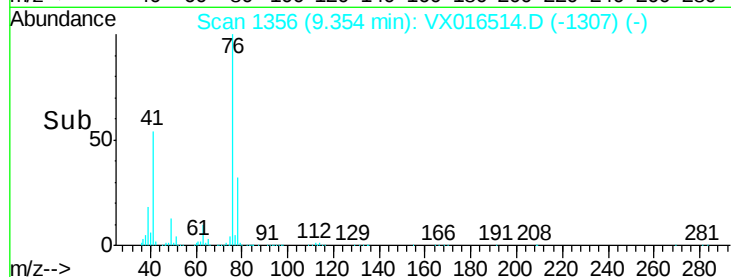
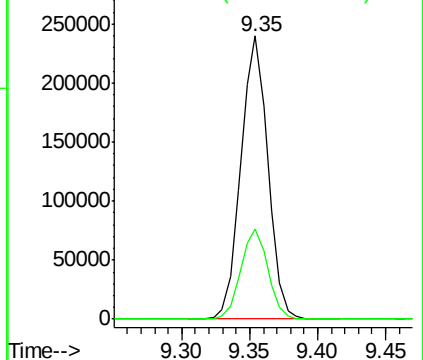
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 243.53 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016514.D

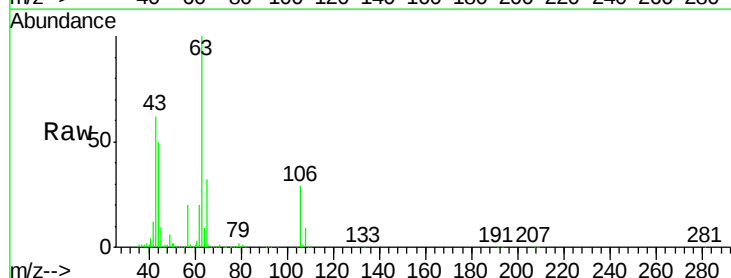
Acq: 29 May 2020 16:25

Tgt Ion: 63 Resp: 832919

Ion Ratio Lower Upper

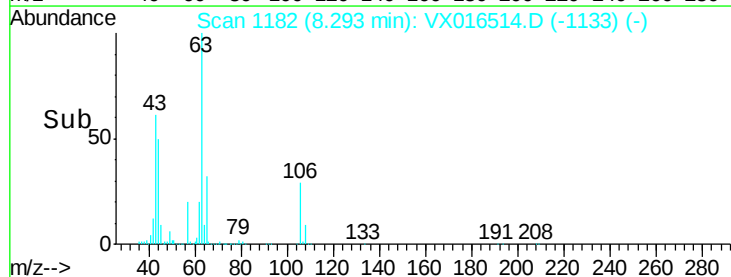
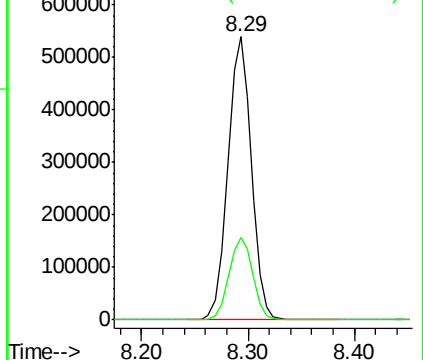
63 100

106 29.4 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





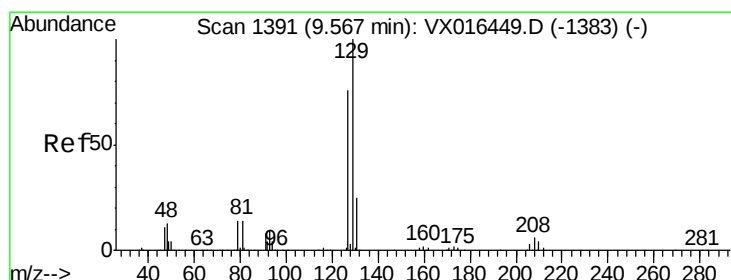
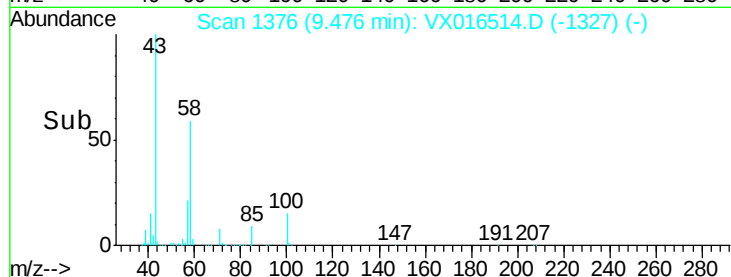
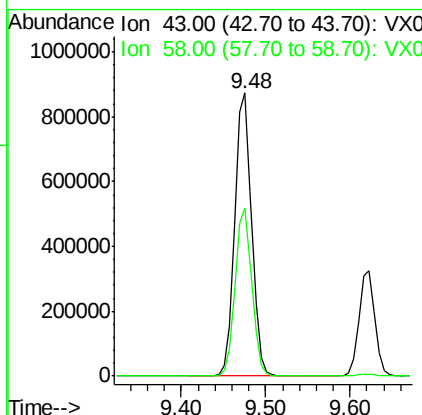
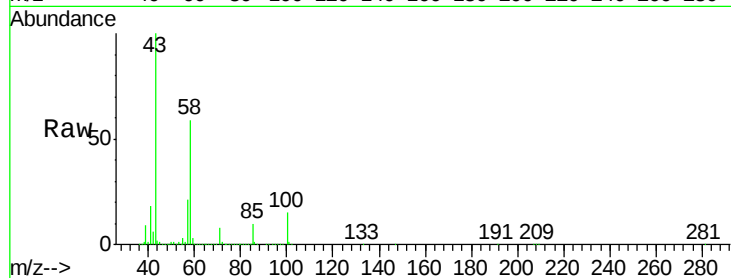
#59
2-Hexanone
Concen: 242.16 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1183277
Ion Ratio Lower Upper
43 100
58 58.7 28.8 86.4

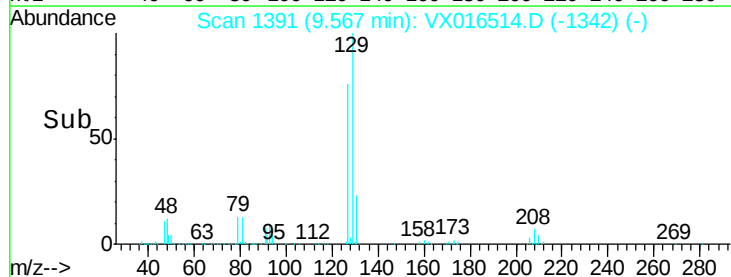
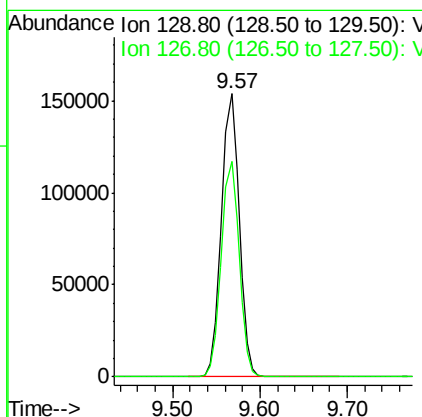
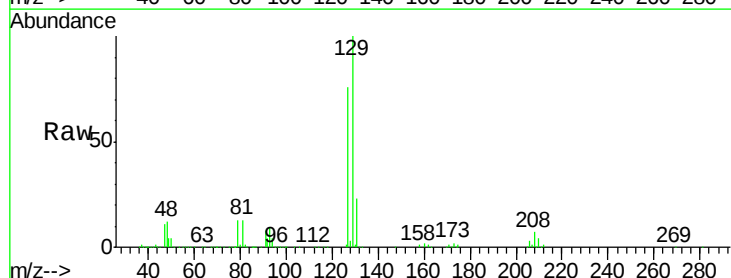
Manual Integrations
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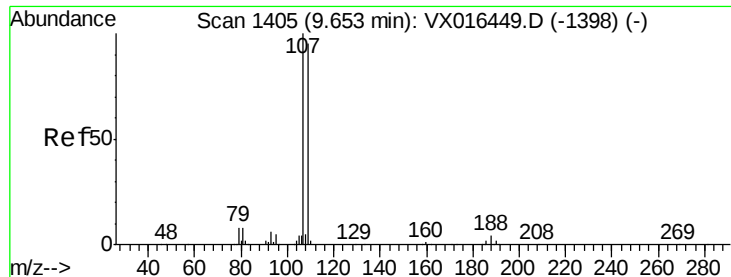
MMDadoda
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#60
Dibromochloromethane
Concen: 47.96 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion: 129 Resp: 217127
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





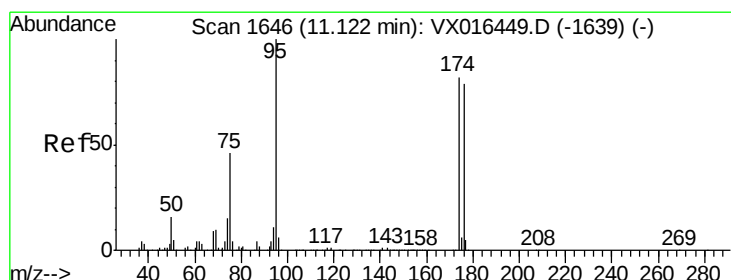
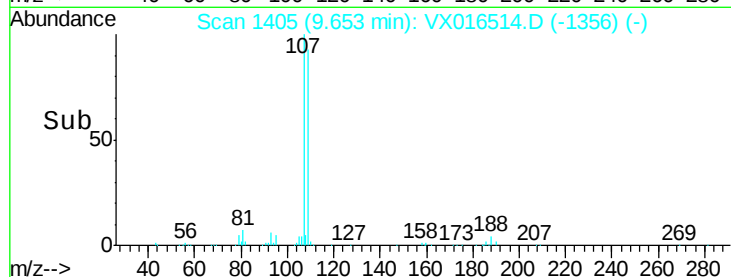
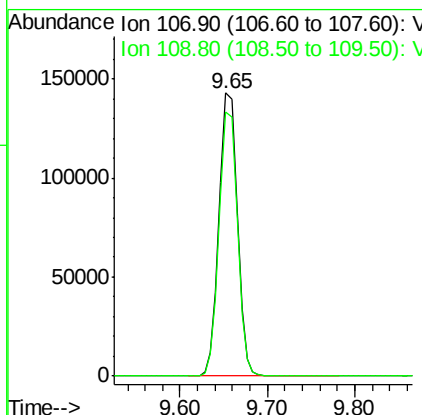
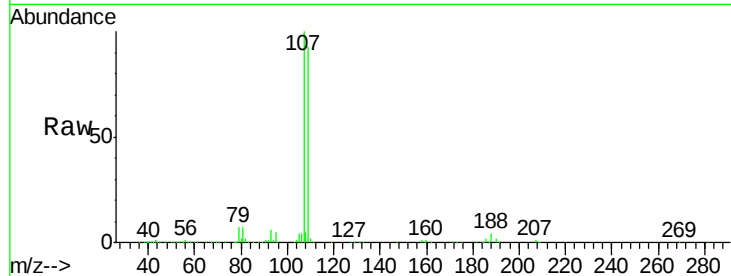
#61
 1,2-Dibromoethane
 Concen: 48.48 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	208872		
109	93.8	75.5	113.3	

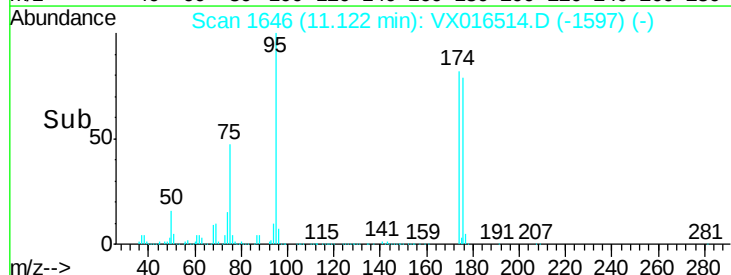
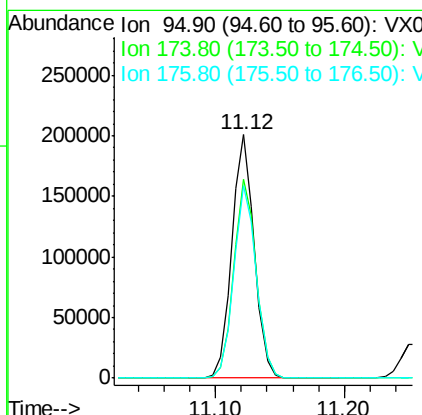
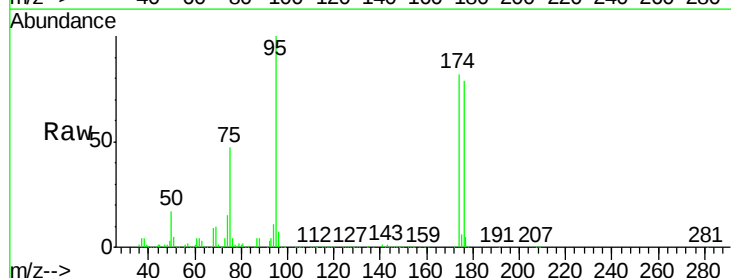
Manual Integrations
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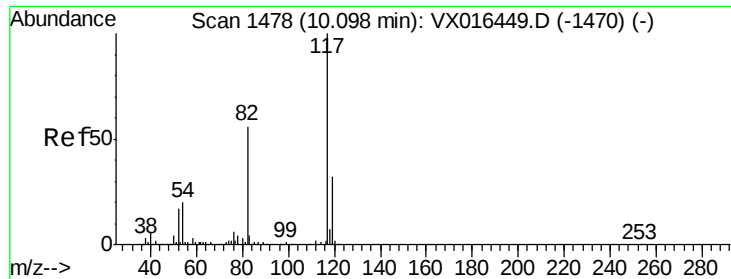
MMDadoda
 6/1/2020 12:28:23 PM



#62
 4-Bromofluorobenzene
 Concen: 46.10 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	242957		
174	82.1	0.0	163.0	
176	79.7	0.0	156.8	





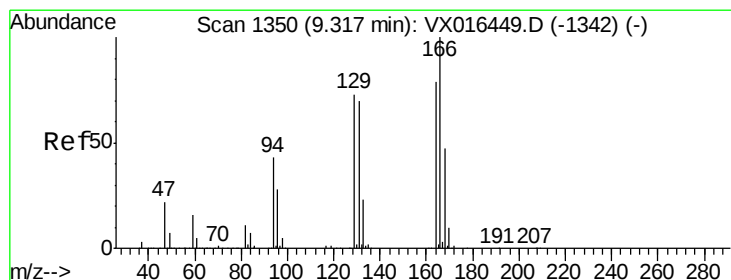
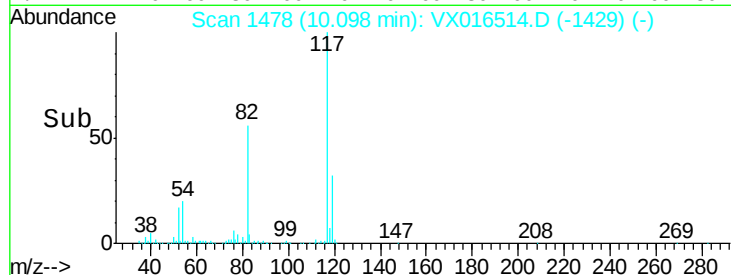
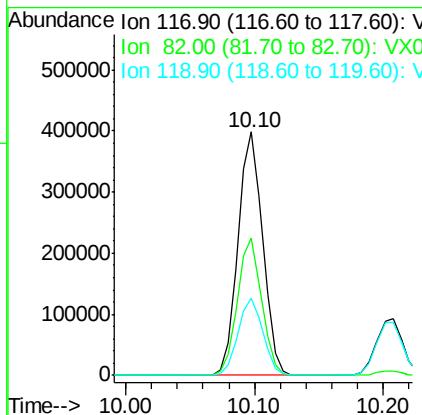
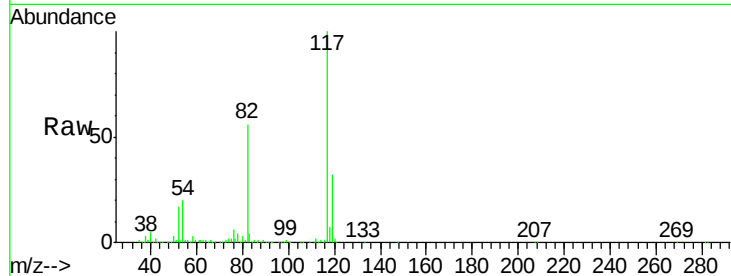
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	530429		
82	56.2	45.0	67.6	
119	31.5	25.8	38.8	

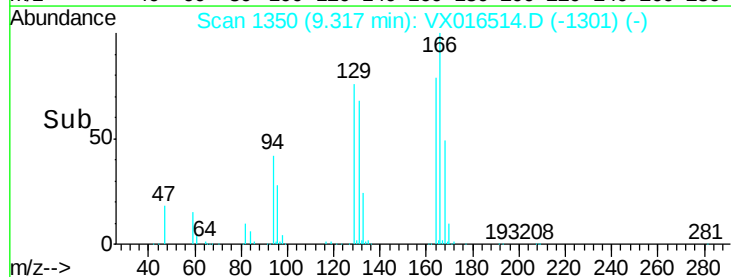
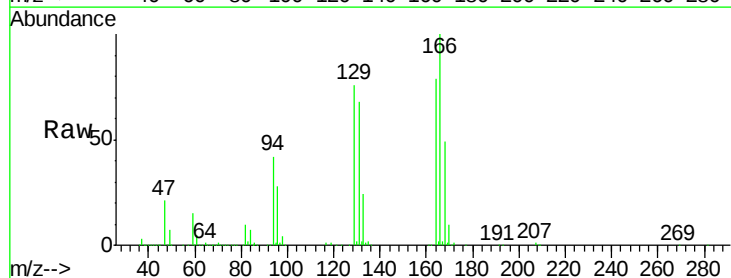
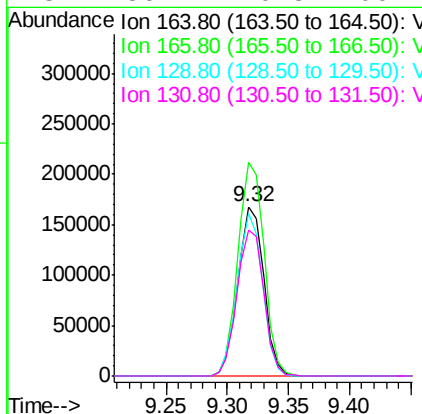
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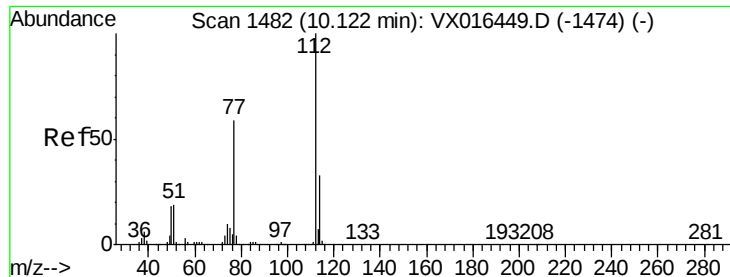
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#64
Tetrachloroethene
Concen: 41.49 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	246218		
166	126.0	100.9	151.3	
129	95.8	73.2	109.8	
131	86.2	70.8	106.2	





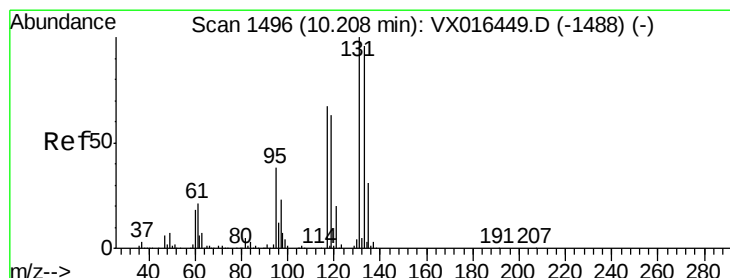
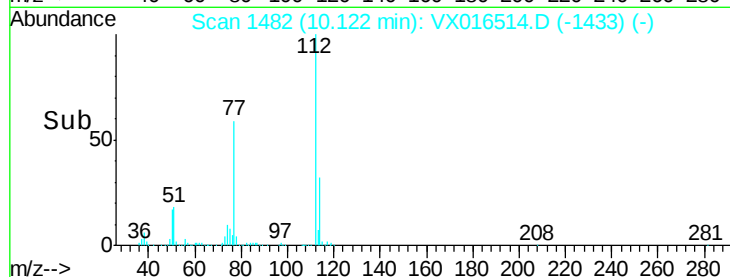
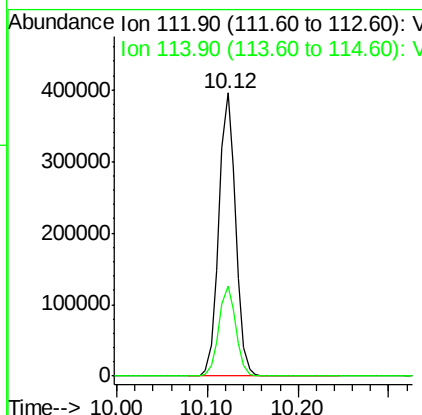
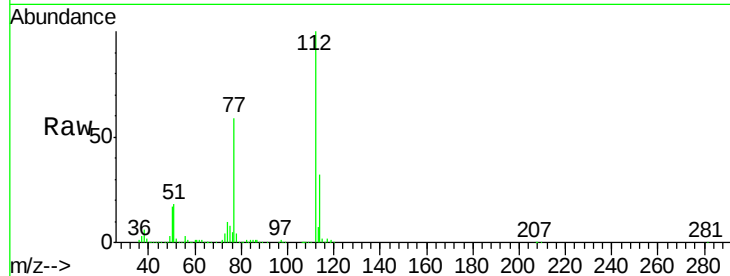
#65
Chlorobenzene
Concen: 47.38 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 512387
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0

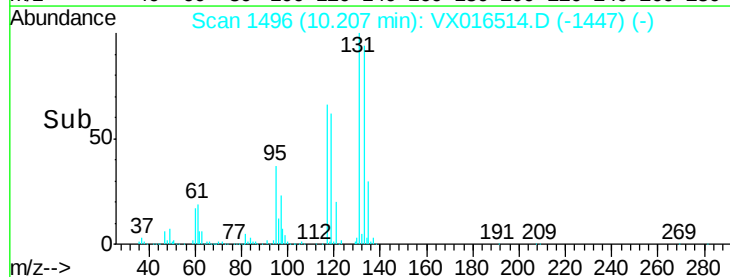
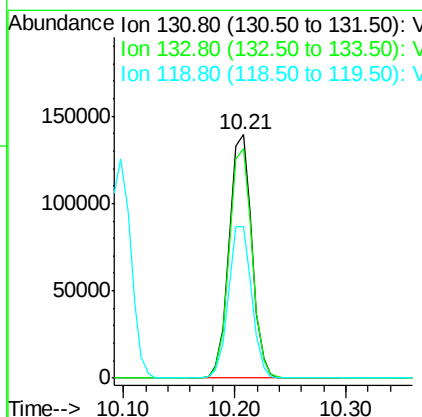
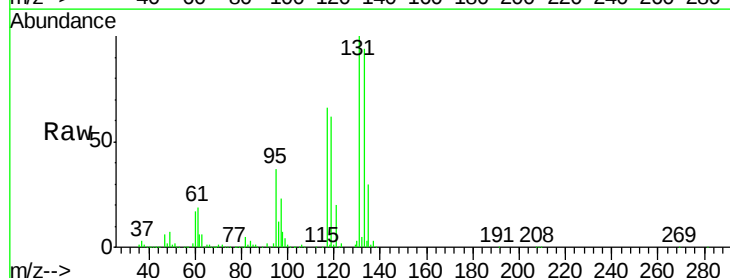
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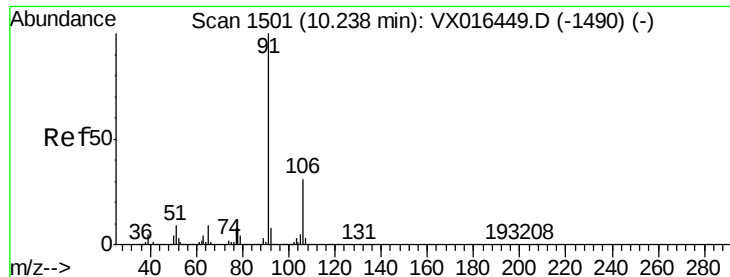
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.57 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion:131 Resp: 196380
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.3
119 64.0 32.0 96.2





#67

Ethyl Benzene

Concen: 52.31 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1007112

Ion Ratio Lower Upper

91 100

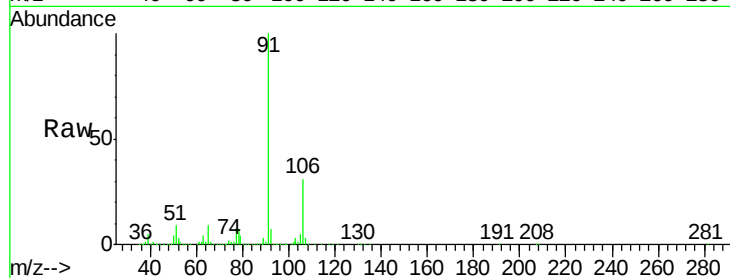
106 30.9 25.0 37.4

Manual Integrations

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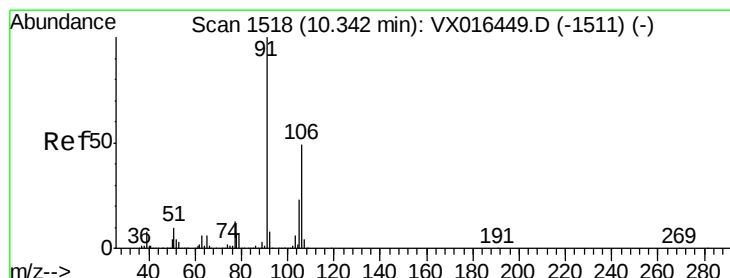
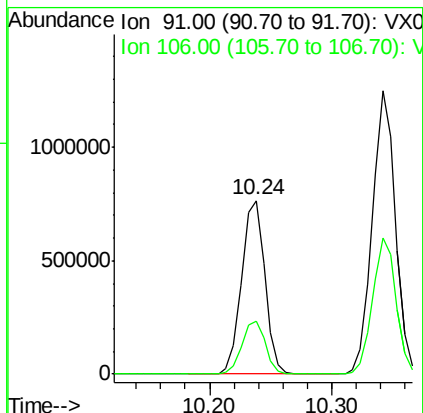
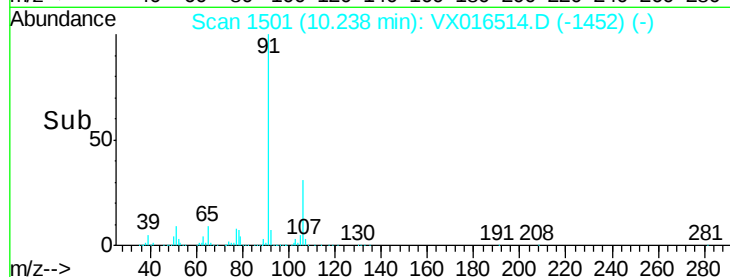
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 112.39 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016514.D

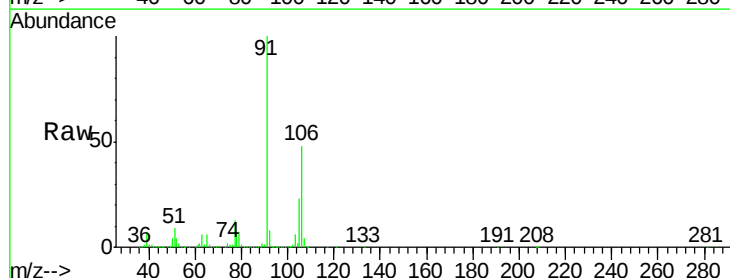
Acq: 29 May 2020 16:25

Tgt Ion: 106 Resp: 802319

Ion Ratio Lower Upper

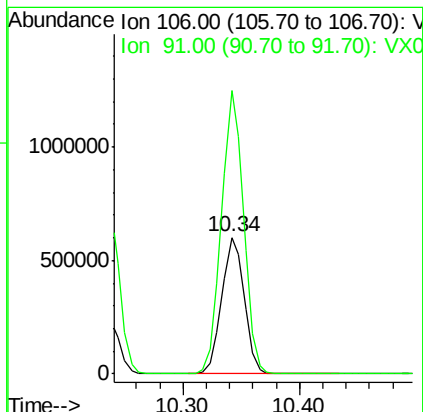
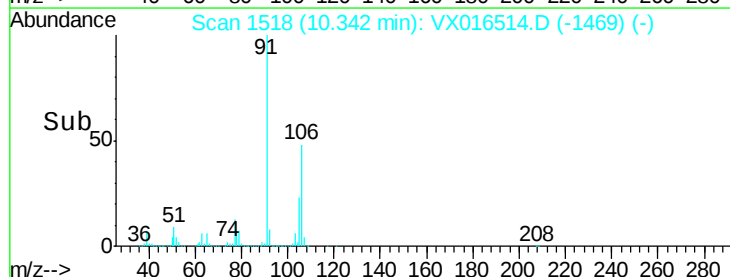
106 100

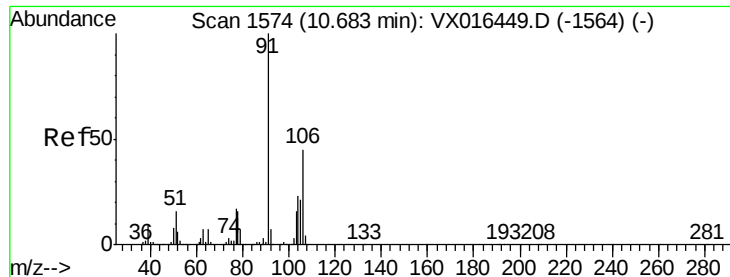
91 204.1 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





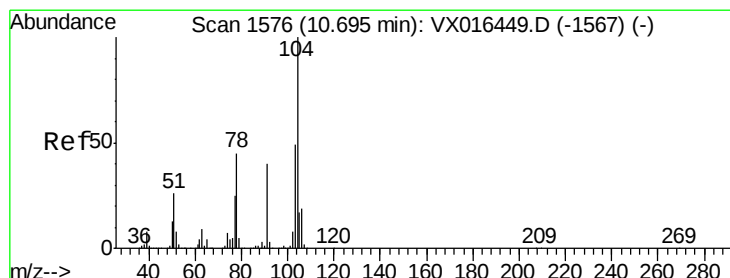
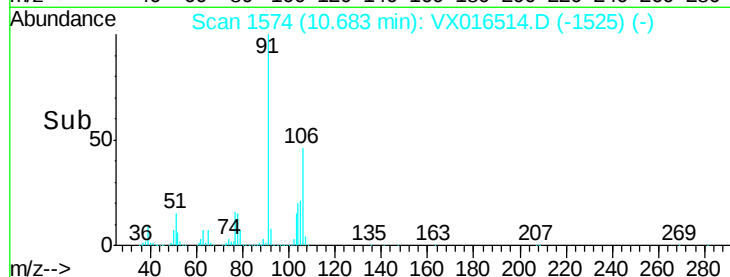
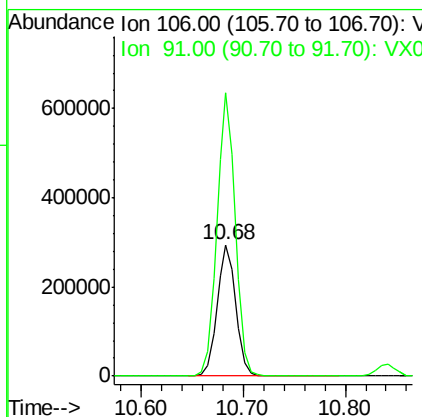
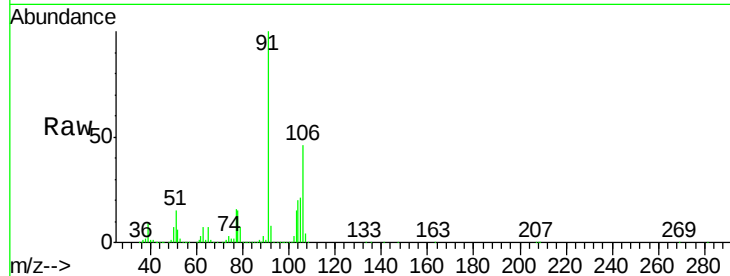
#69
o-Xylene
Concen: 54.38 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 375934
Ion Ratio Lower Upper
106 100
91 212.7 109.6 328.8

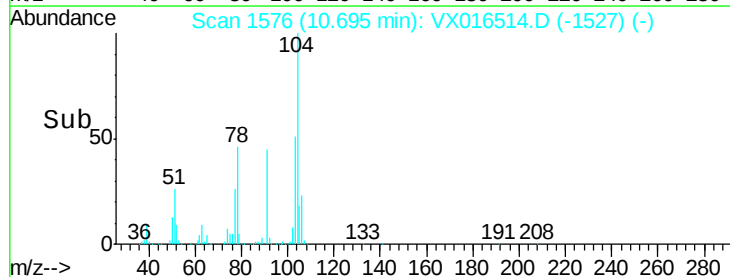
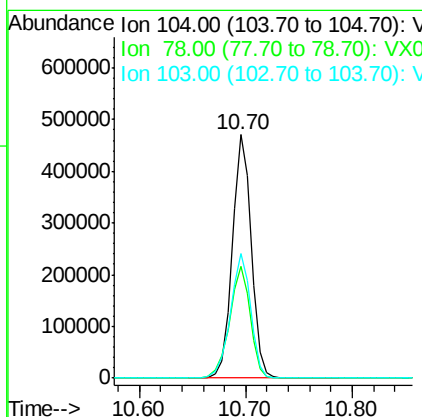
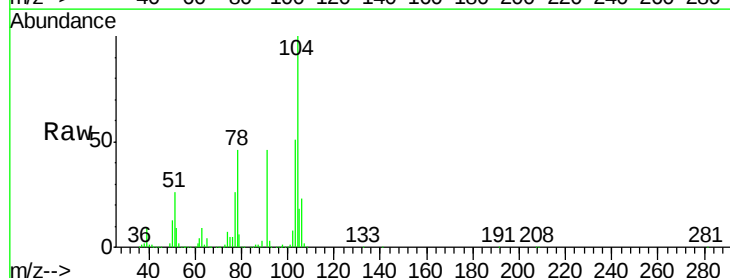
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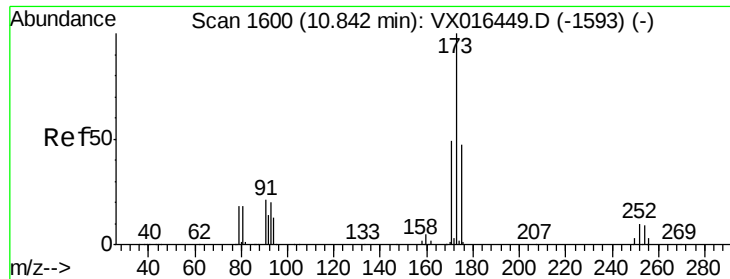
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#70
Styrene
Concen: 49.51 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion:104 Resp: 588299
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.2
103 55.0 43.1 64.7





#71

Bromoform

Concen: 48.00 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

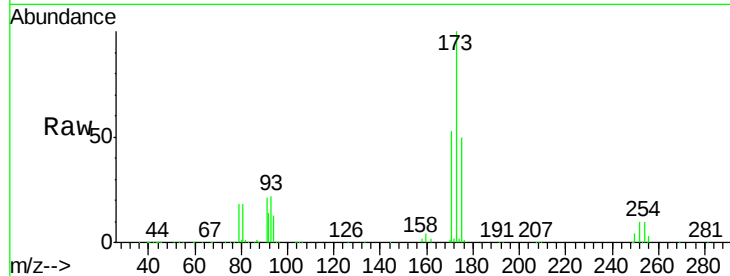
ClientSampleId :

VSTDCCC050EC

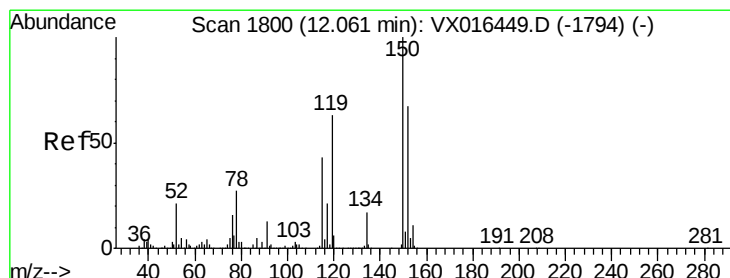
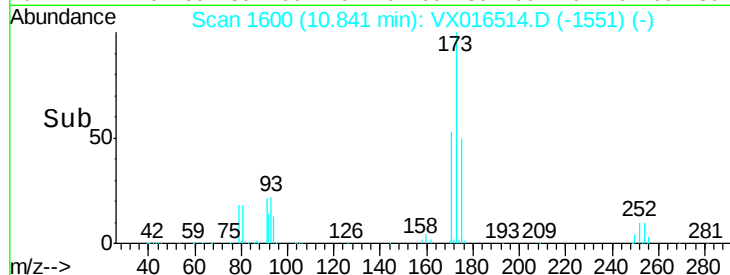
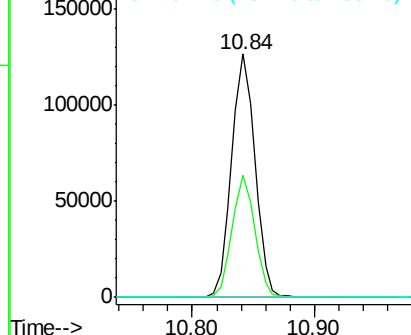
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.9	71.7
254	0.1	0.1	0.1

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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: 50.00 ug/l

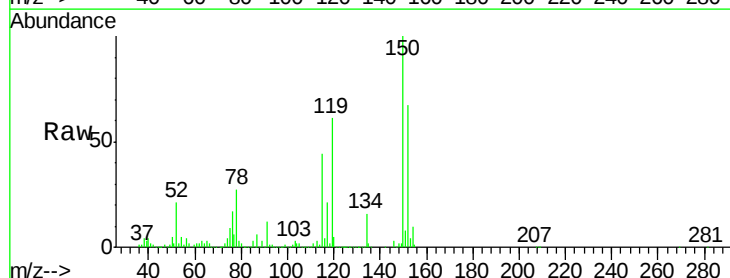
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

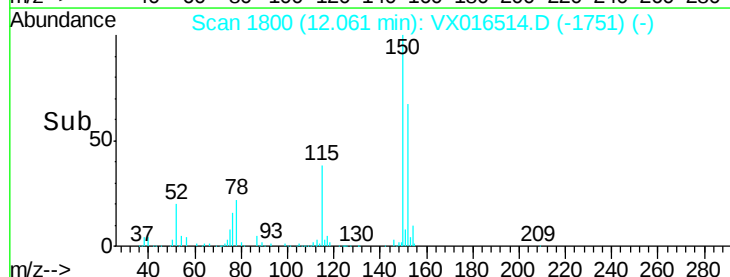
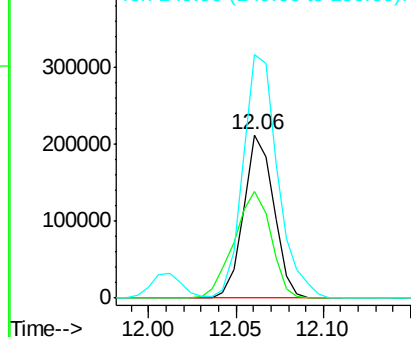
Lab File: VX016514.D

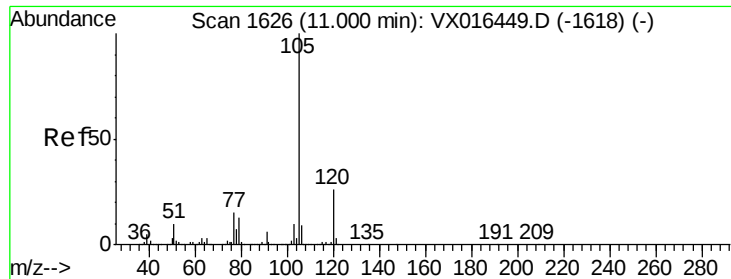
Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.1	39.9	119.6
150	171.5	0.0	341.0



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: 50.46 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 892662

Ion Ratio Lower Upper

105 100

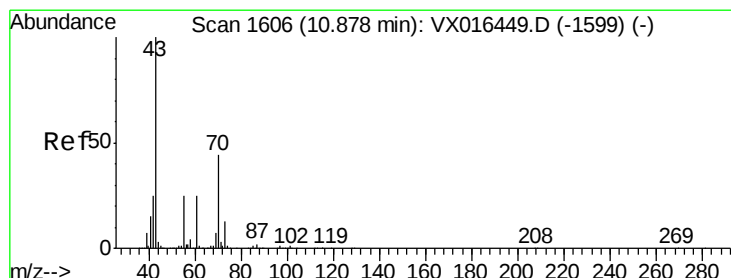
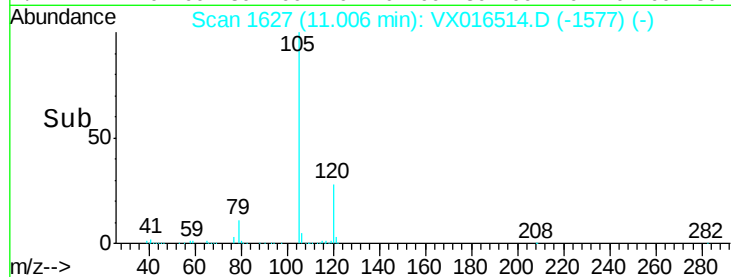
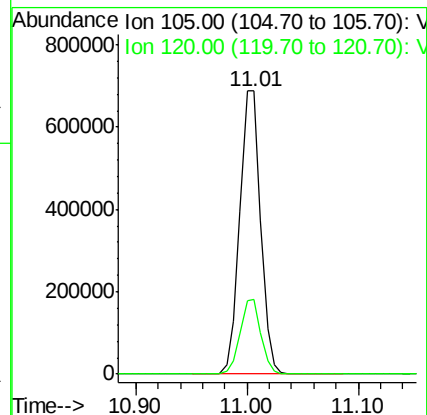
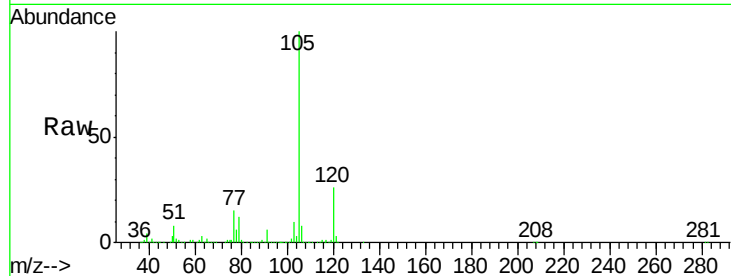
120 26.1 13.1 39.3

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#74

N-ethyl acetate

Concen: 51.66 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Tgt Ion: 43 Resp: 420356

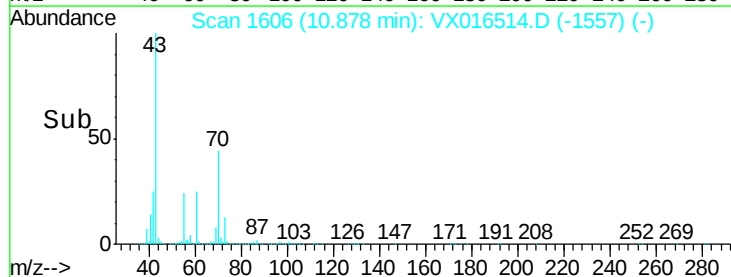
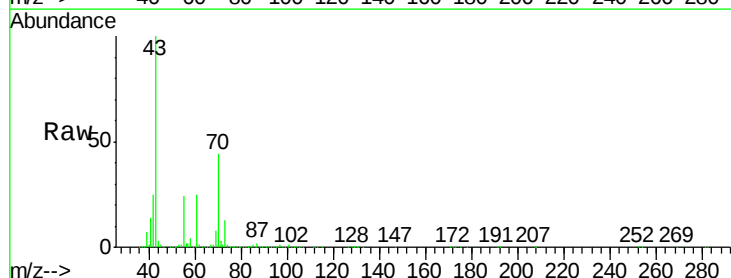
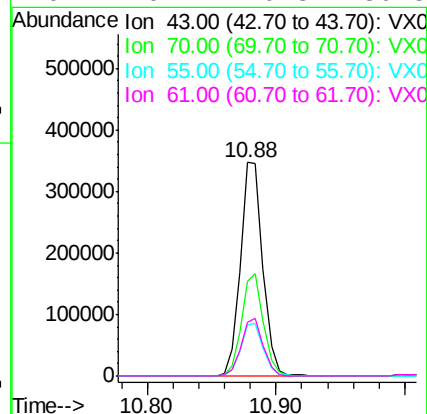
Ion Ratio Lower Upper

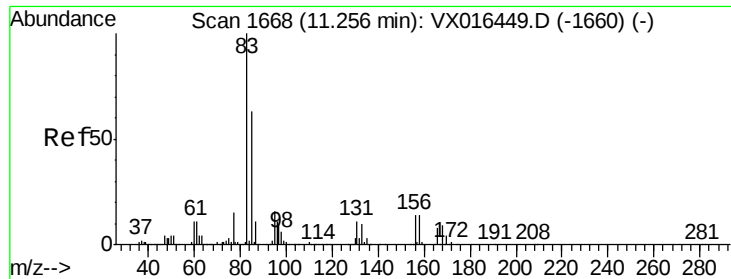
43 100

70 46.5 36.1 54.1

55 24.7 20.2 30.4

61 26.2 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 56.30 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

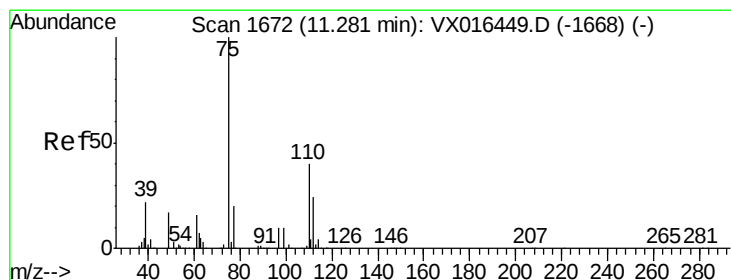
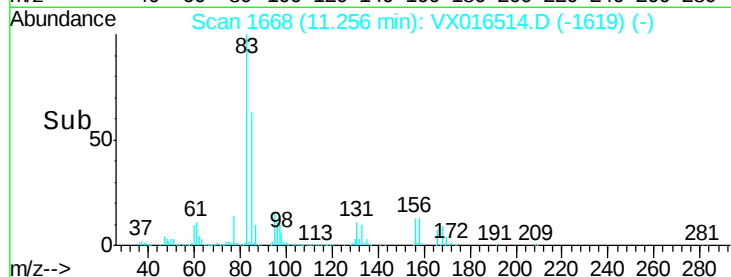
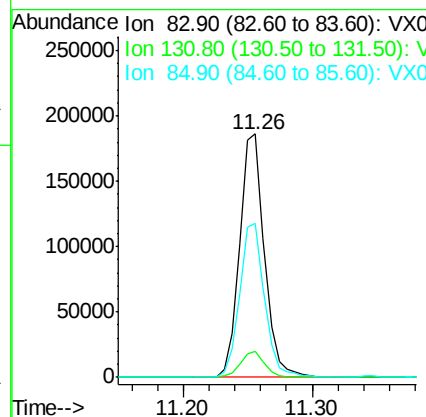
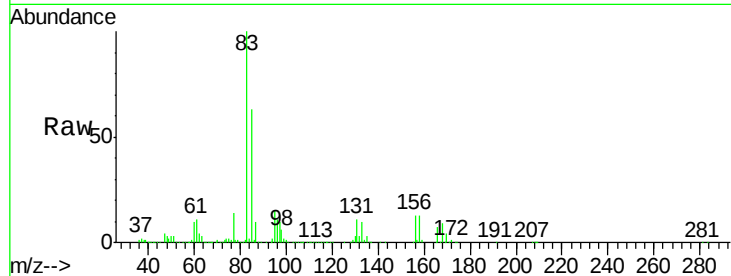
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	249639
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	63.9	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 50.04 ug/l m

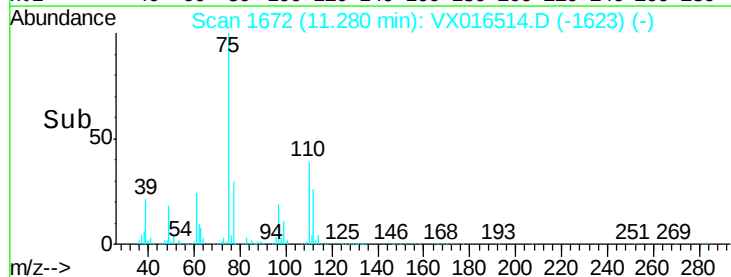
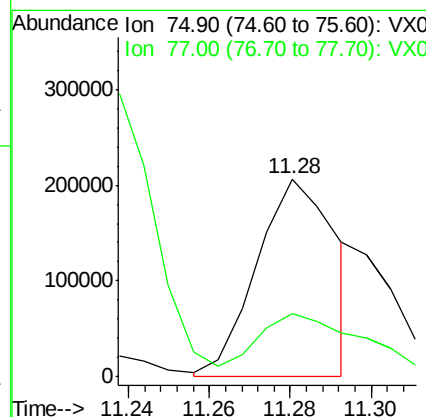
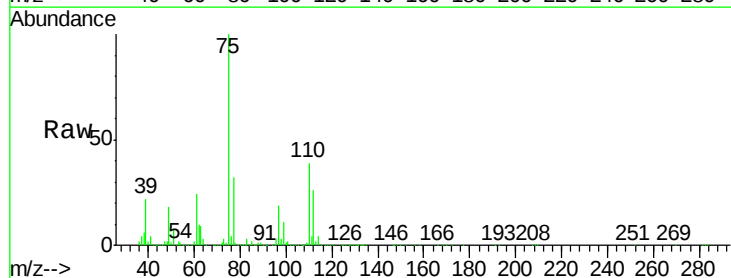
RT: 11.28 min Scan# 1672

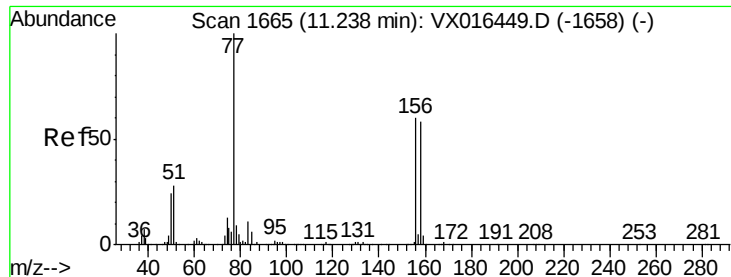
Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Tgt Ion:	75	Resp:	280849
Ion Ratio	Lower	Upper	
75	100		
77	43.3	21.3	63.7





#77

Bromobenzene

Concen: 48.83 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

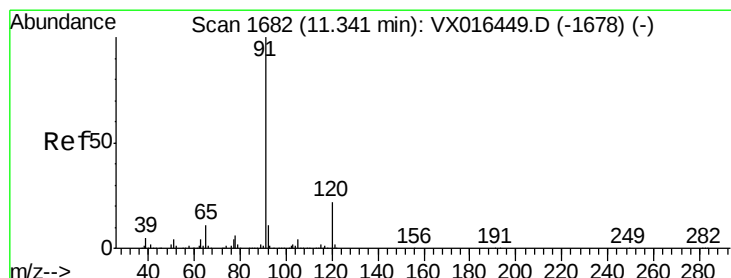
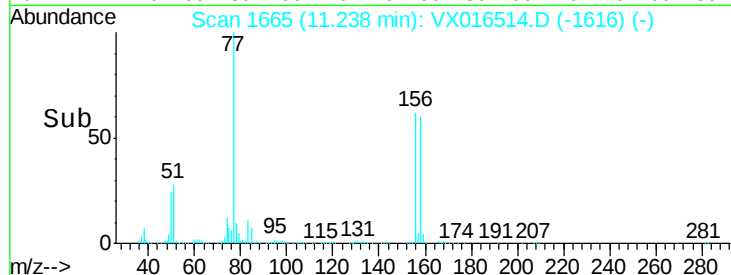
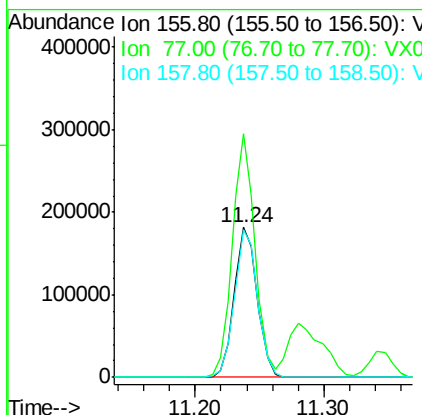
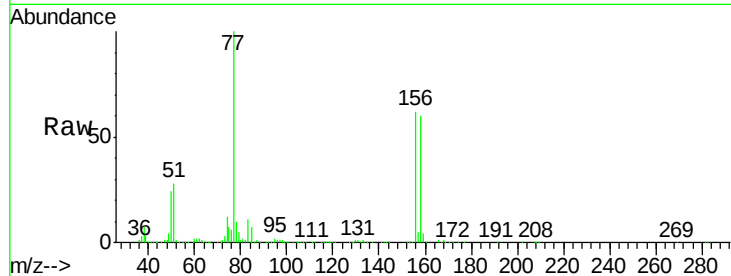
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	226588
Ion Ratio	Lower	Upper	
156	100		
77	159.4	79.6	238.8
158	98.5	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 51.78 ug/l

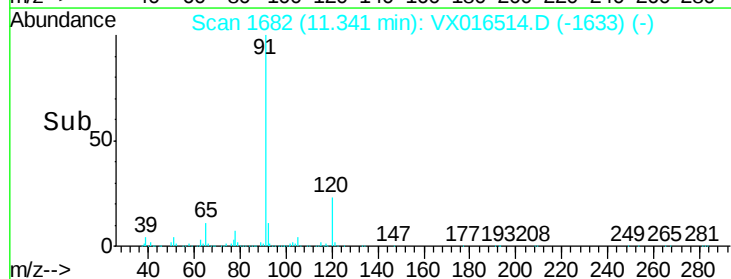
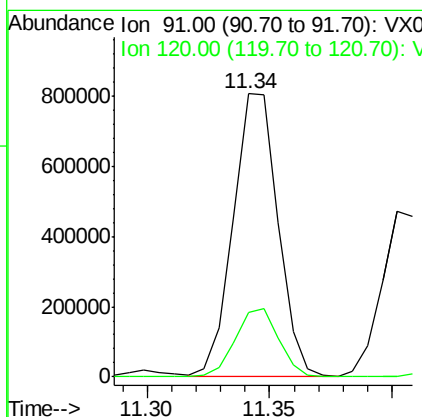
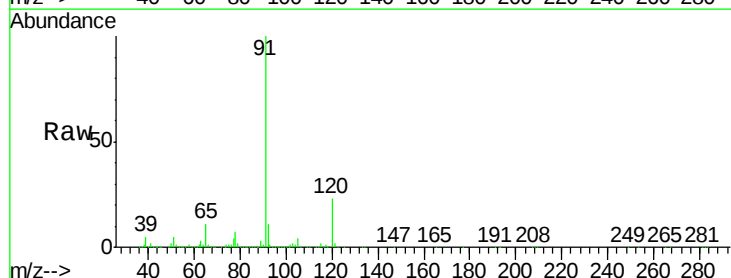
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Tgt Ion:	91	Resp:	1023428
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.6	34.7





#79

2-Chlorotoluene

Concen: 50.83 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 613248

Ion Ratio Lower Upper

91 100

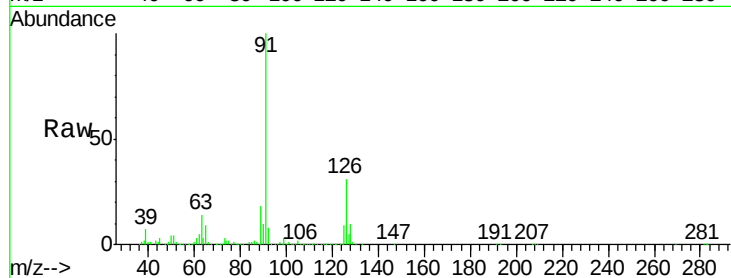
126 32.5 16.8 50.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016449.D (-1688) (-)

800000

600000

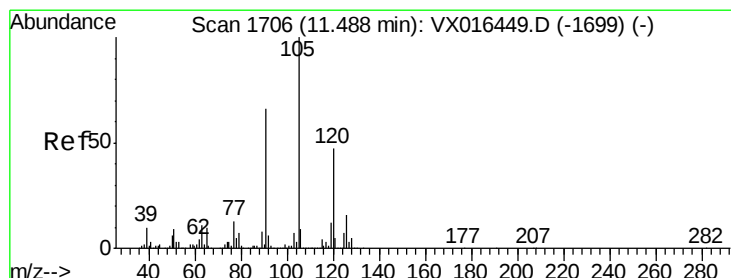
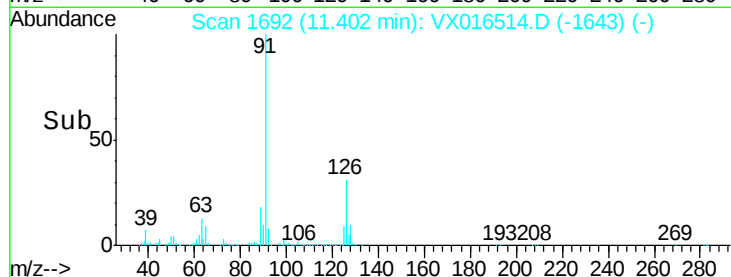
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.70 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016514.D

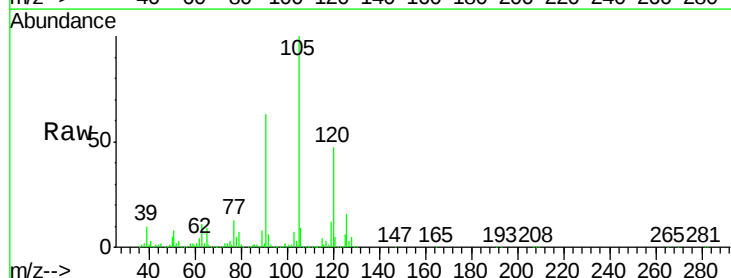
Acq: 29 May 2020 16:25

Tgt Ion: 105 Resp: 778491

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016449.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX016449.D (-1699) (-)

600000

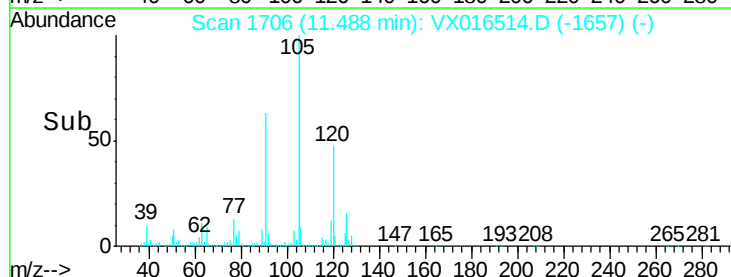
400000

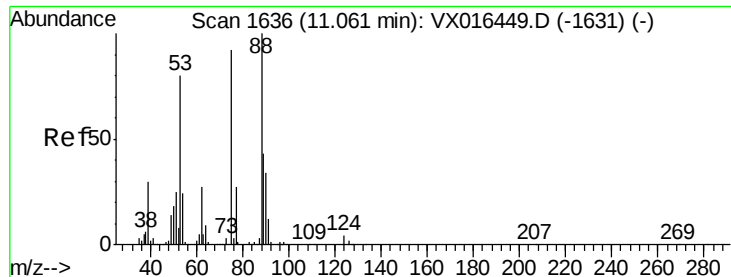
200000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 51.56 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

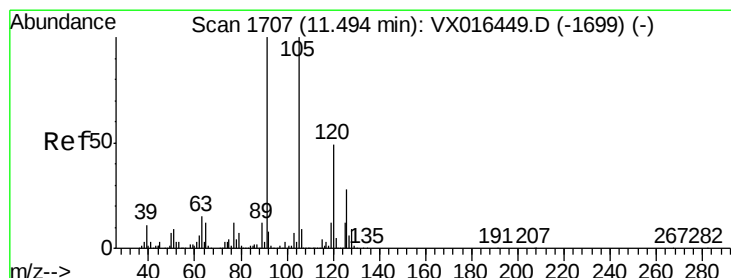
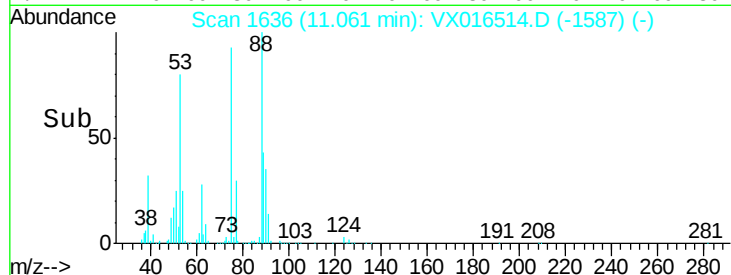
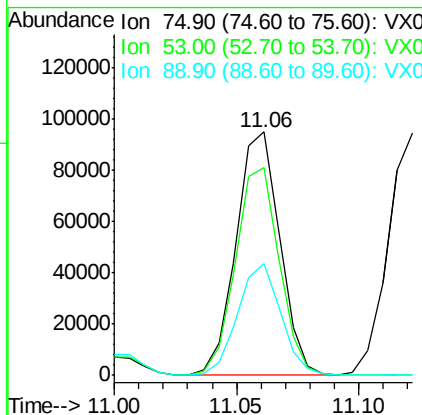
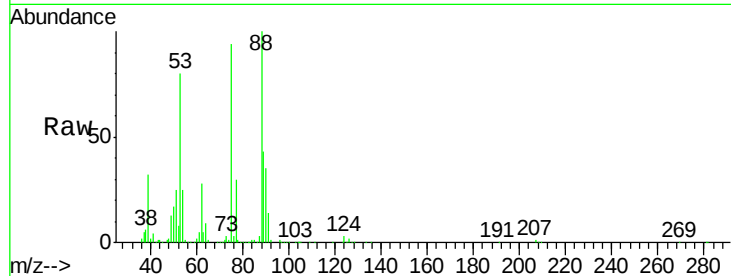
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	117637
Ion	Ratio	Lower	Upper
75	100		
53	86.0	71.3	106.9
89	45.8	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.64 ug/l

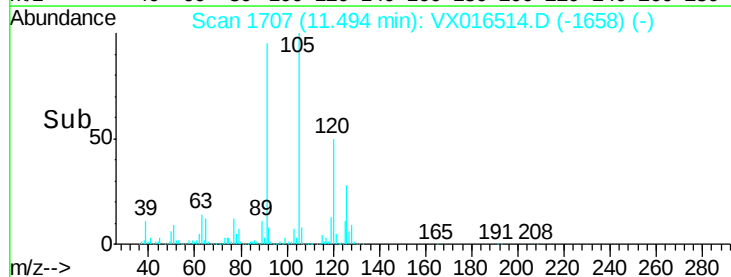
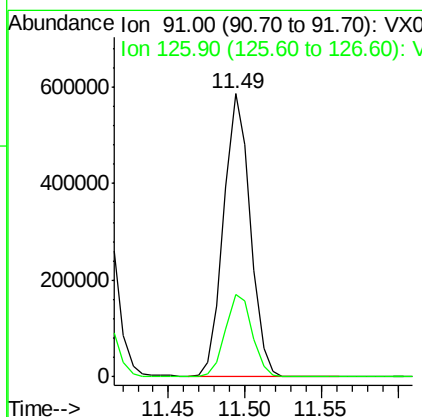
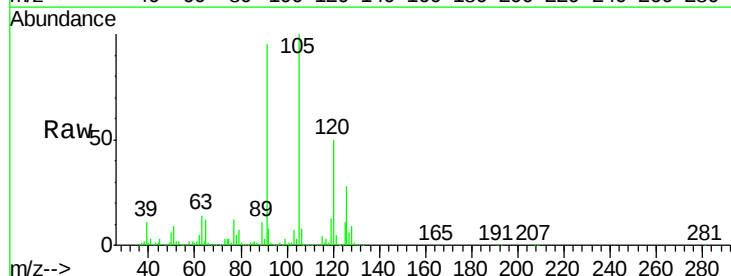
RT: 11.49 min Scan# 1707

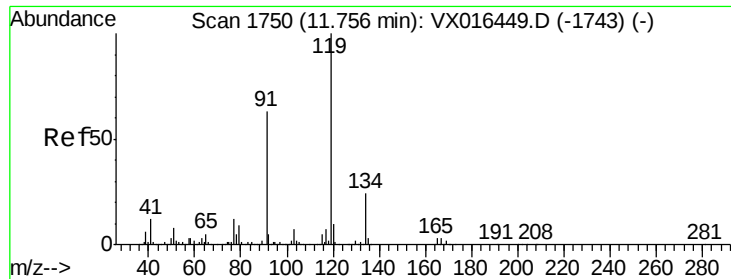
Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Tgt Ion:	91	Resp:	707206
Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.7	44.1





#83

tert-Butylbenzene

Concen: 52.86 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

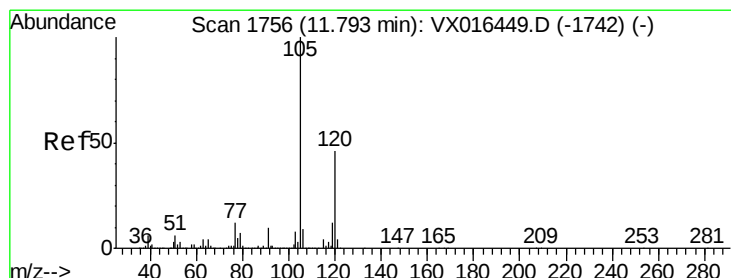
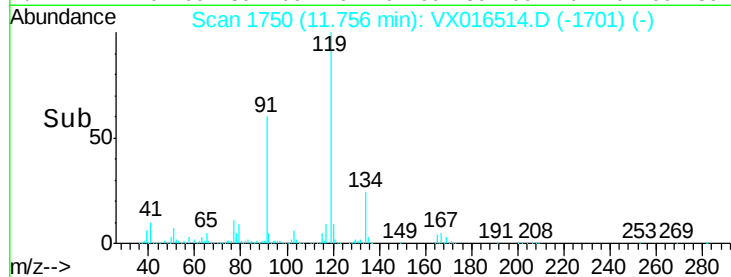
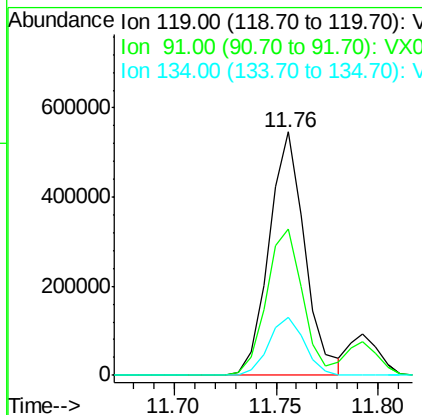
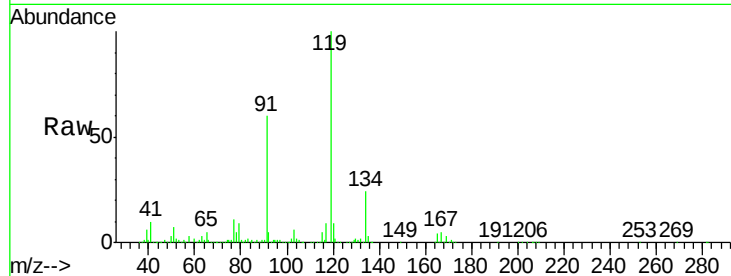
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	119	Resp:	667262
Ion Ratio	Lower	Upper	
119	100		
91	60.5	31.3	93.8
134	24.0	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 59.65 ug/l

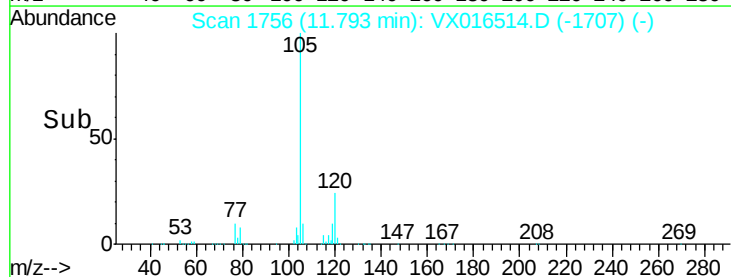
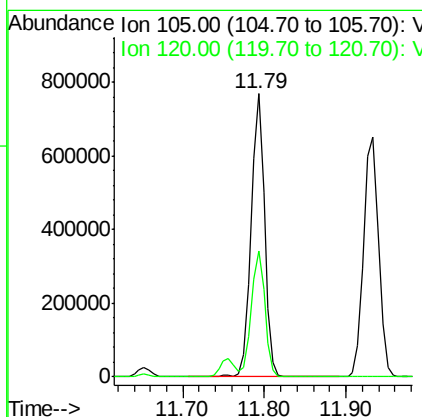
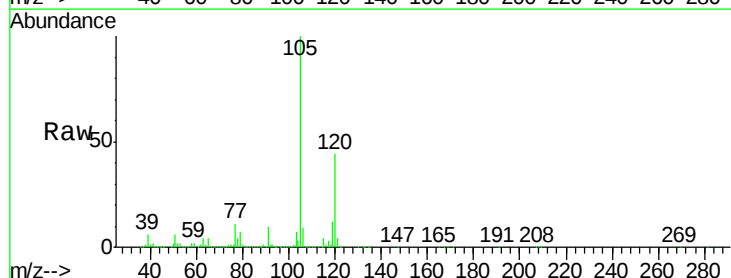
RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Tgt Ion:	105	Resp:	891065
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.6	67.7





#85

sec-Butylbenzene

Concen: 51.33 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 812786

Ion Ratio Lower Upper

105 100

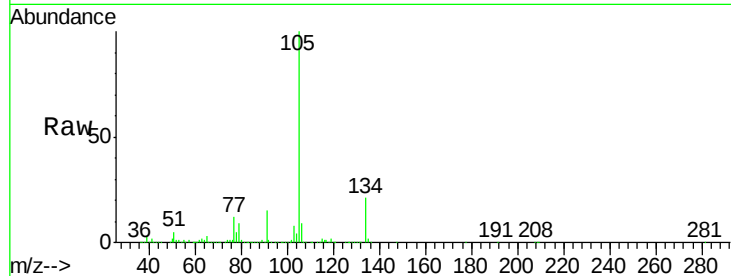
134 20.2 10.1 30.3

Manual Integrations

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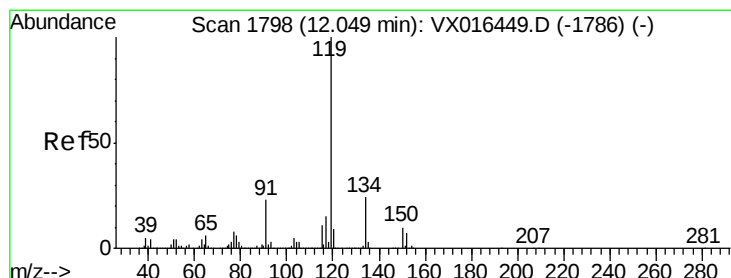
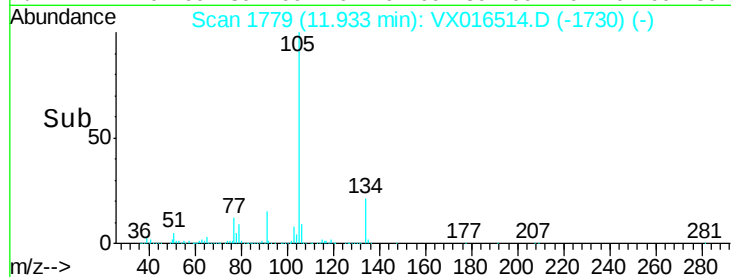
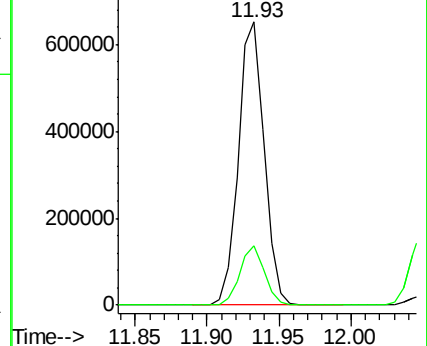
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.86 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

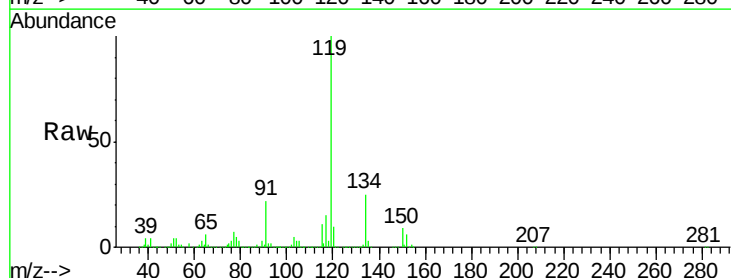
Tgt Ion:119 Resp: 769250

Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.0

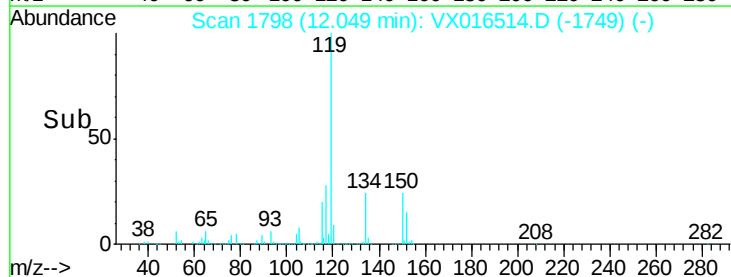
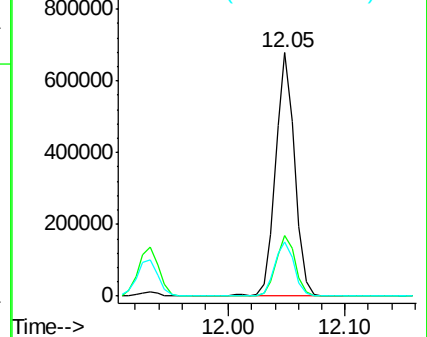
91 23.1 11.7 35.0

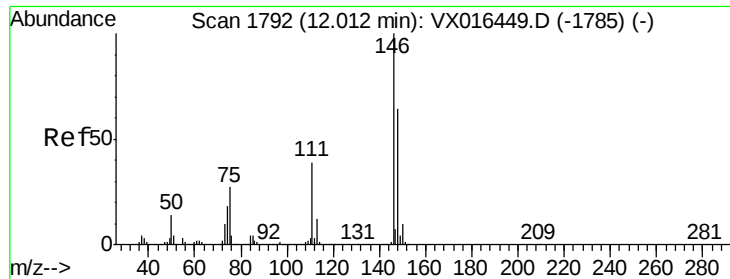


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





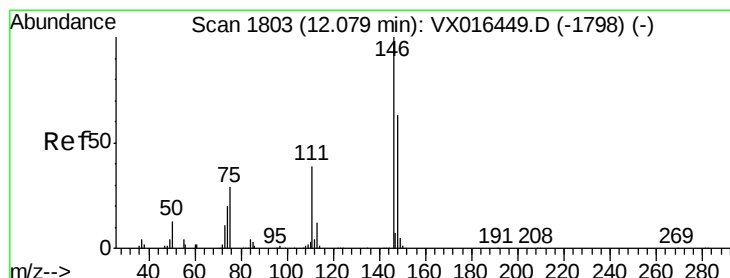
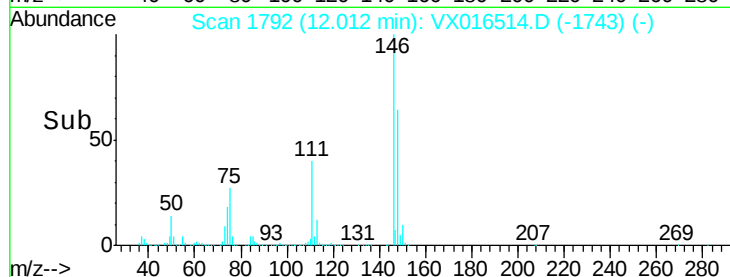
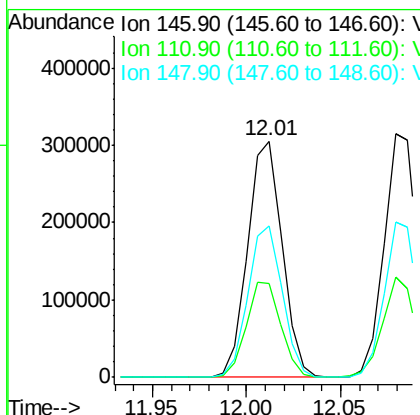
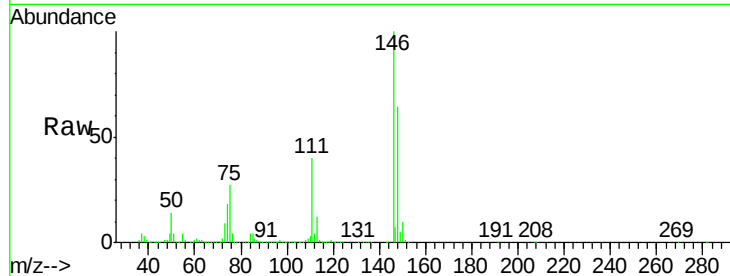
#87
 1,3-Dichlorobenzene
 Concen: 48.32 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	388419		
111	40.5	20.0	60.0	
148	64.0	31.9	95.5	

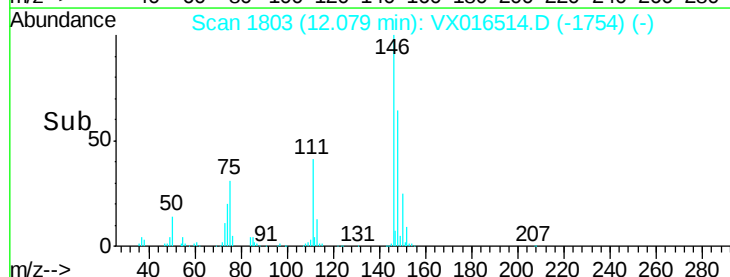
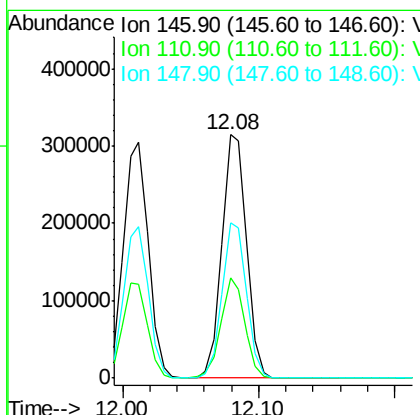
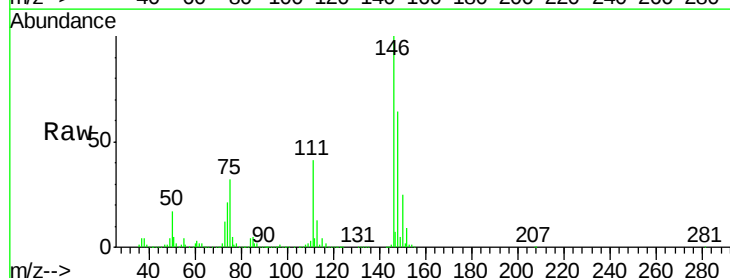
Manual Integrations
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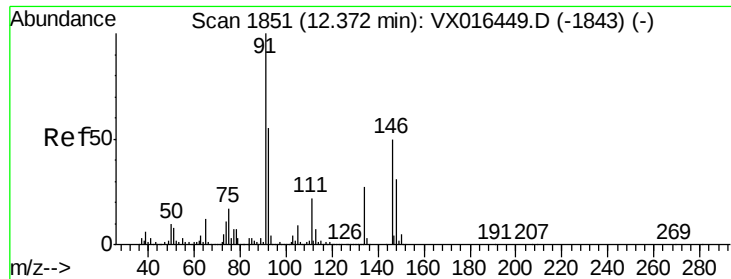
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#88
 1,4-Dichlorobenzene
 Concen: 47.97 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	394394		
111	39.9	19.4	58.2	
148	63.4	31.4	94.3	





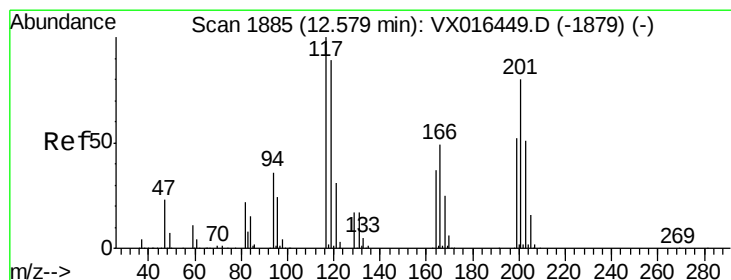
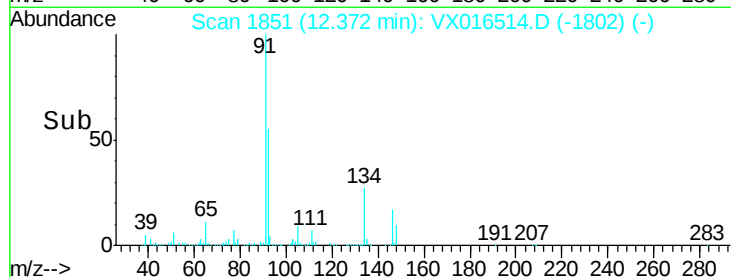
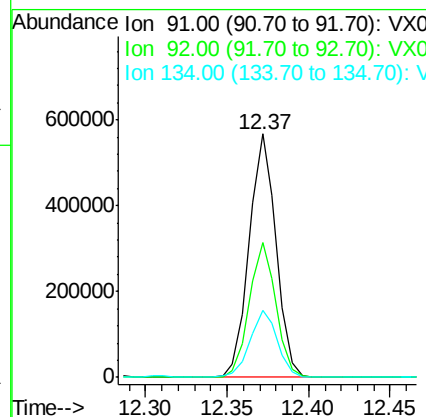
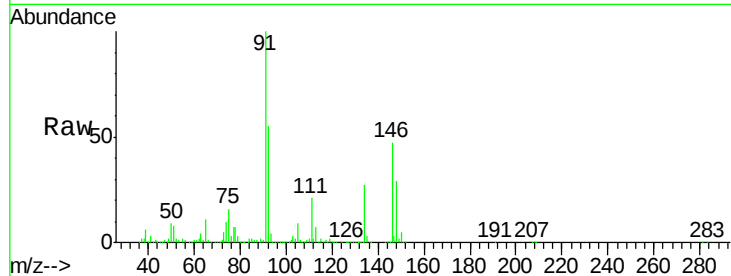
#89
n-Butylbenzene
Concen: 52.78 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.5
134	28.1	13.1	39.3

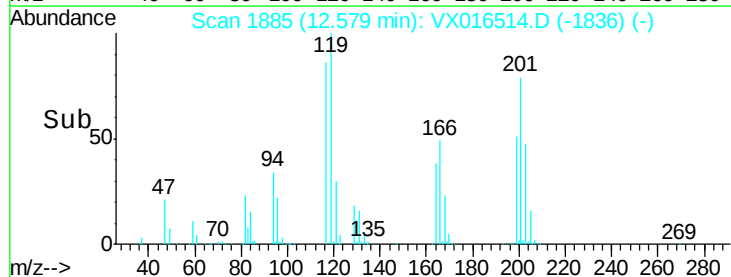
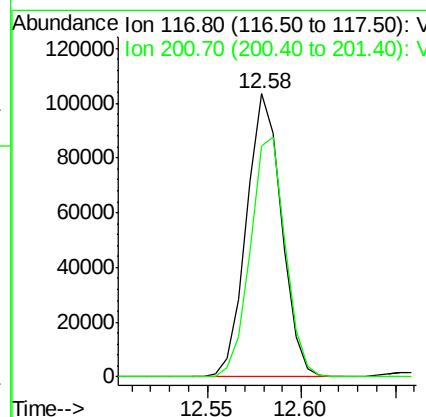
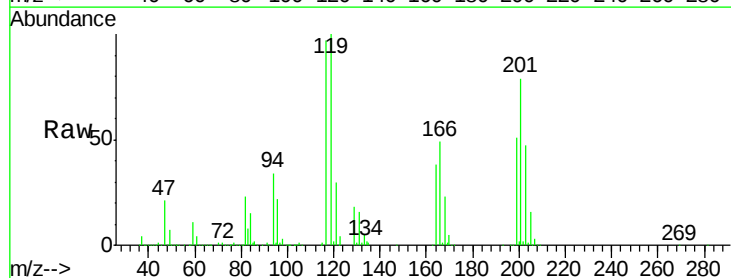
Manual Integrations
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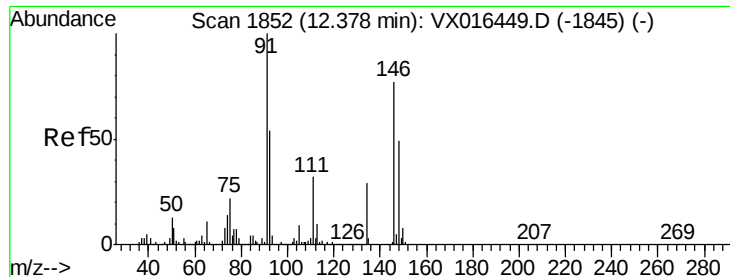
MMDadoda
6/1/2020 12:28:23 PM



#90
Hexachloroethane
Concen: 52.14 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.3	43.1	129.3





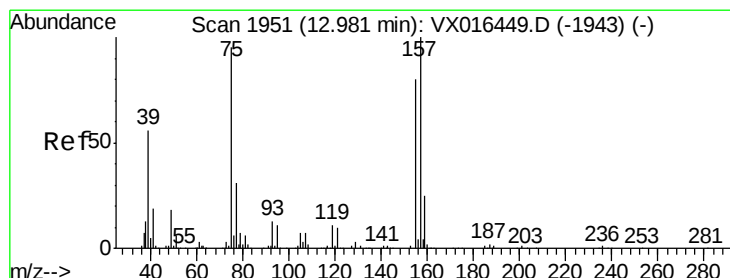
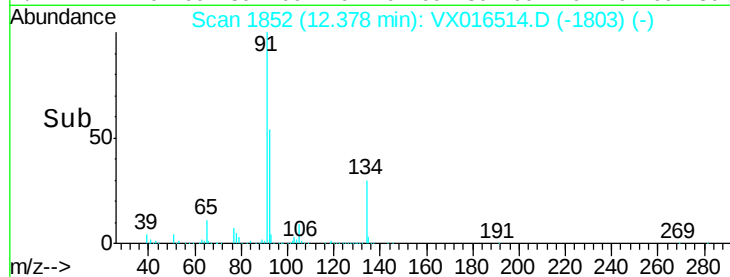
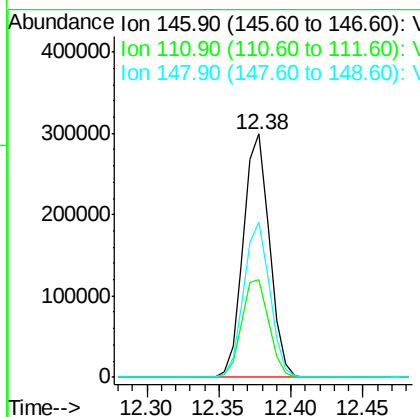
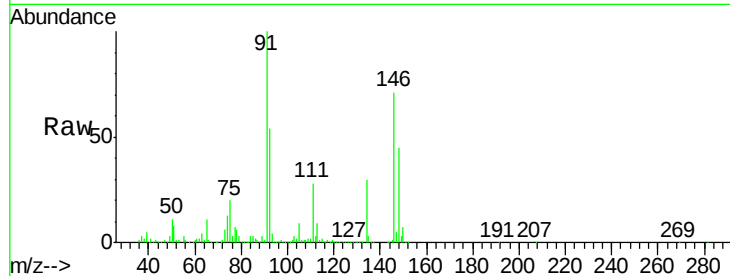
#91
 1,2-Dichlorobenzene
 Concen: 48.34 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	376498		
111	41.6	21.4	64.3	
148	63.3	31.9	95.7	

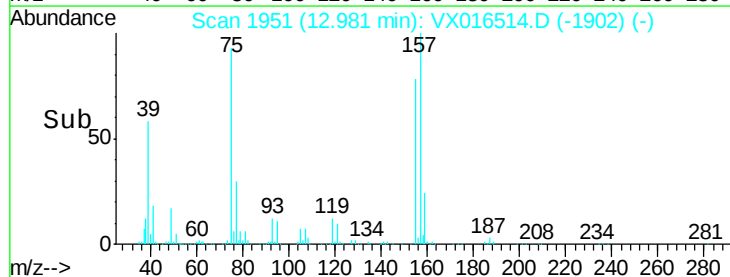
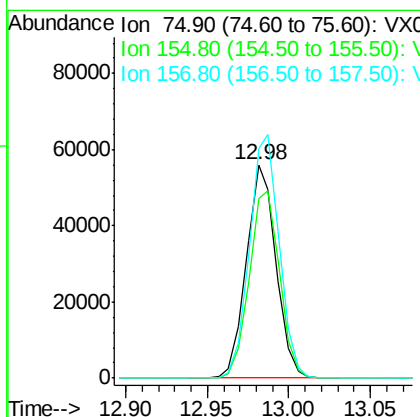
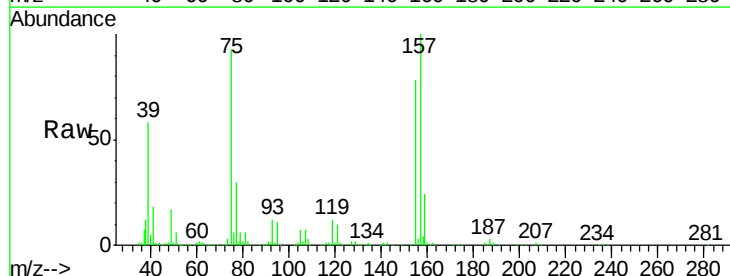
Manual Integrations
 APPROVED

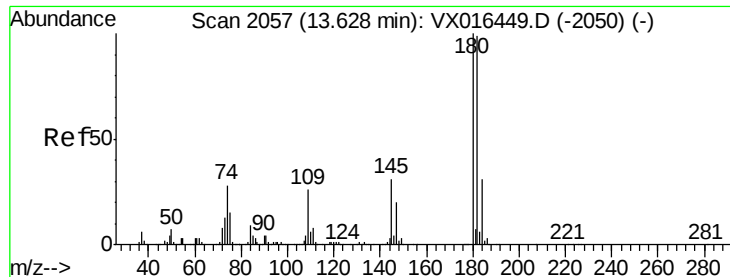
MMDadoda
 6/1/2020 12:28:23 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.34 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70859		
155	89.8	44.1	132.4	
157	114.4	57.8	173.3	





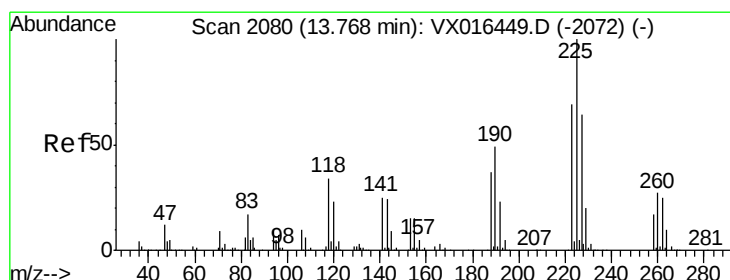
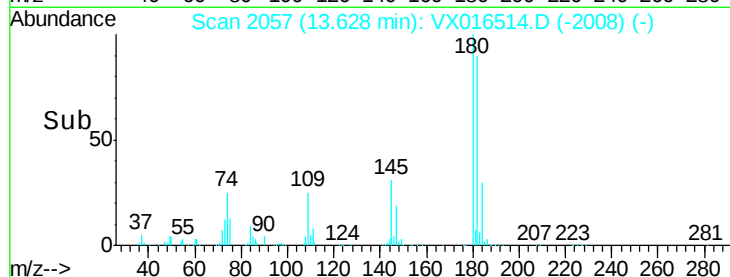
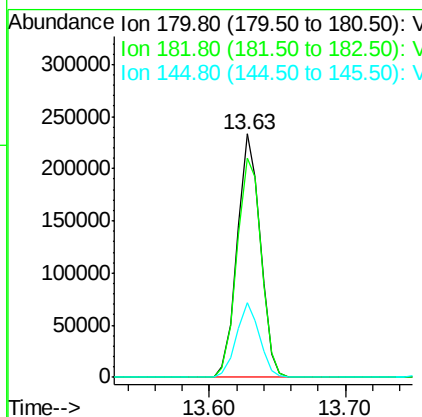
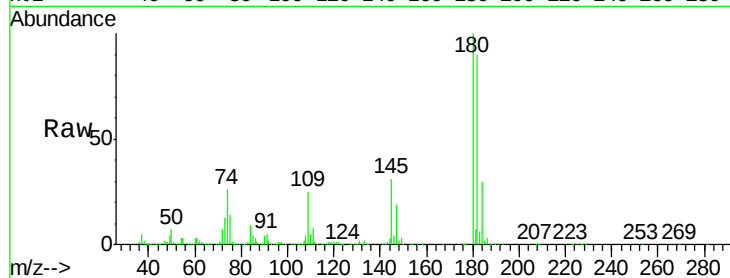
#93
 1,2,4-Trichlorobenzene
 Concen: 53.15 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	274912		
182	95.2	48.3	144.8	
145	30.5	15.4	46.2	

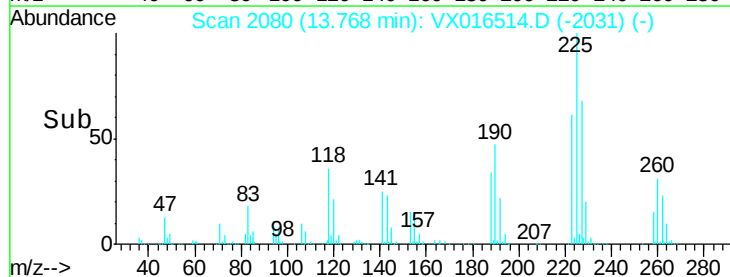
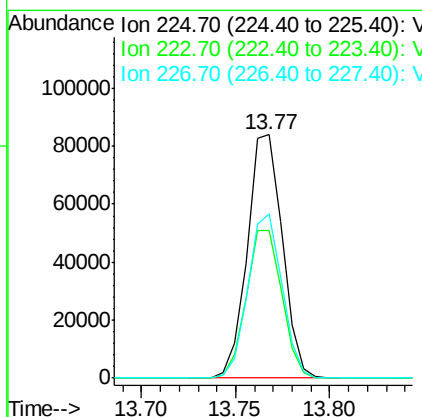
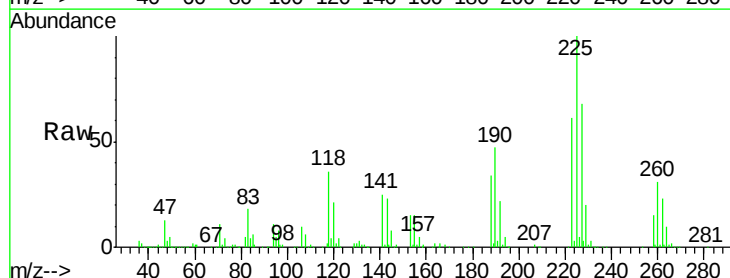
Manual Integrations
 APPROVED

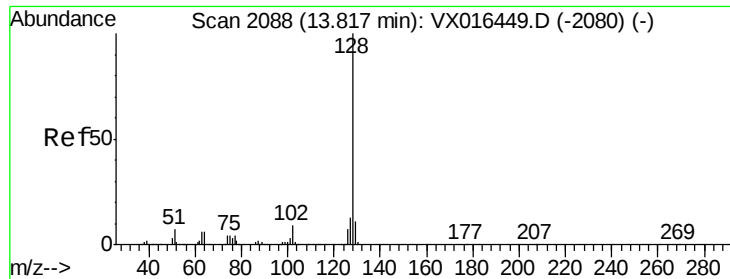
MMDadoda
 6/1/2020 12:28:23 PM



#94
 Hexachlorobutadiene
 Concen: 53.33 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108307		
223	61.9	32.3	96.8	
227	65.9	31.6	94.7	





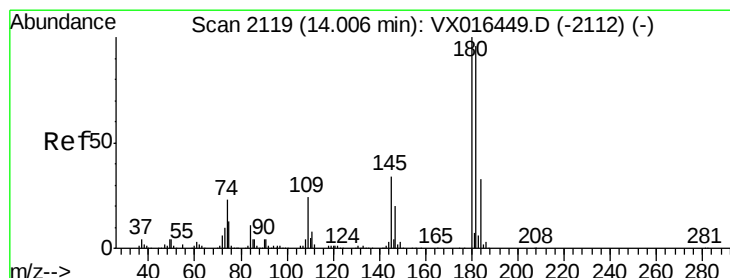
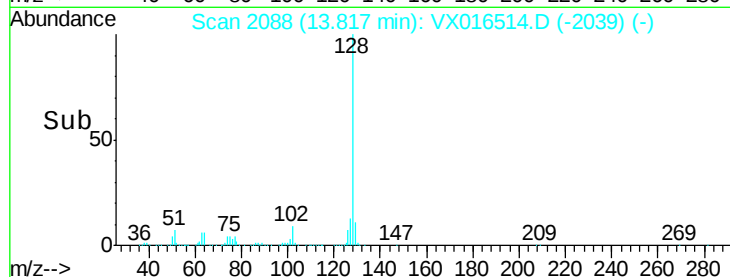
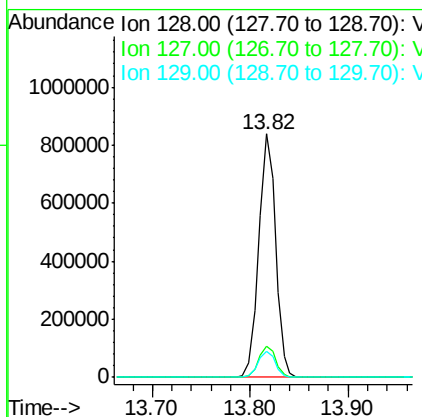
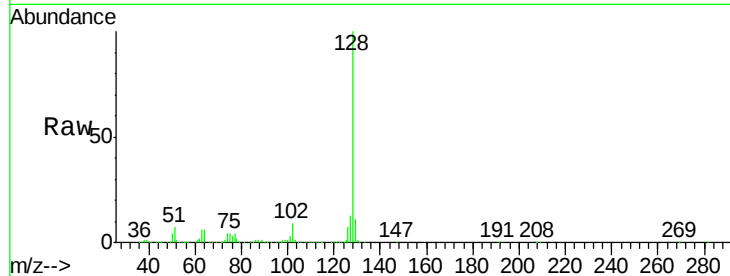
#95
Naphthalene
Concen: 56.88 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/1/2020 12:28:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.55 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.6	145.8
145	32.8	16.6	49.8

