

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052120\
 Data File : VX016376.D
 Acq On : 21 May 2020 11:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/22/2020 4:02:51 PM

Quant Time: May 22 08:20:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	256105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	400948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	370095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185061	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	136967	40.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.28%	
35) Dibromofluoromethane	5.46	113	115341	45.41	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	90.82%	
50) Toluene-d8	8.70	98	440937	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
62) 4-Bromofluorobenzene	11.12	95	172211	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	127395	46.995	ug/l	98
3) Chloromethane	1.31	50	135990	43.197	ug/l	99
4) Vinyl Chloride	1.39	62	158567	47.210	ug/l	99
5) Bromomethane	1.62	94	59887	35.367	ug/l	99
6) Chloroethane	1.70	64	97205	47.565	ug/l	98
7) Trichlorofluoromethane	1.91	101	213712	48.466	ug/l	100
8) Diethyl Ether	2.17	74	87230	46.950	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	120152	47.229	ug/l	99
10) Methyl Iodide	2.49	142	113821	33.308	ug/l	100
11) Tert butyl alcohol	3.01	59	180416	211.705	ug/l	100
12) 1,1-Dichloroethene	2.36	96	125104	46.992	ug/l	97
13) Acrolein	2.27	56	124610	233.666	ug/l	99
14) Allyl chloride	2.70	41	211858	43.402	ug/l	93
15) Acrylonitrile	3.11	53	405617	229.434	ug/l	99
16) Acetone	2.42	43	337677	224.564	ug/l	95
17) Carbon Disulfide	2.54	76	352165	44.024	ug/l	99
18) Methyl Acetate	2.75	43	164293	44.437	ug/l	96
19) Methyl tert-butyl Ether	3.16	73	455516	49.634	ug/l	98
20) Methylene Chloride	2.83	84	144458	46.602	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	142116	47.903	ug/l	95
22) Diisopropyl ether	3.82	45	423466	45.984	ug/l	99
23) Vinyl Acetate	3.78	43	1868068	230.572	ug/l	97
24) 1,1-Dichloroethane	3.67	63	247894	48.121	ug/l	99
25) 2-Butanone	4.63	43	542988	224.091	ug/l	96
26) 2,2-Dichloropropane	4.54	77	228848	48.644	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	163893	50.532	ug/l	94
28) Bromochloromethane	4.98	49	95827	40.795	ug/l	91
29) Tetrahydrofuran	5.09	42	353578	220.225	ug/l	93
30) Chloroform	5.17	83	254682	49.654	ug/l	95
31) Cyclohexane	5.54	56	214647	45.848	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	230680	49.478	ug/l	97
36) 1,1-Dichloropropene	5.76	75	195419	49.514	ug/l	99
37) Ethyl Acetate	4.79	43	207116	45.277	ug/l	97
38) Carbon Tetrachloride	5.75	117	205968	51.343	ug/l	98

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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	214154	45.057	ug/l	100
40) Benzene	6.11	78	591830	51.249	ug/l	100
41) Methacrylonitrile	5.00	41	111892	45.293	ug/l	95
42) 1,2-Dichloroethane	6.16	62	195741	47.053	ug/l	97
43) Isopropyl Acetate	6.41	43	334238	45.795	ug/l	96
44) Trichloroethene	7.19	130	183979	44.845	ug/l	97
45) 1,2-Dichloropropane	7.49	63	150495	51.503	ug/l	98
46) Dibromomethane	7.63	93	98796	49.753	ug/l	97
47) Bromodichloromethane	7.87	83	209682	51.847	ug/l	100
48) Methyl methacrylate	7.74	41	158658	45.876	ug/l	91
49) 1,4-Dioxane	7.71	88	74003	892.193	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1048133	234.673	ug/l	95
52) Toluene	8.76	92	383614	53.294	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	244046	50.611	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	259843	51.591	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	150228	53.047	ug/l	98
56) Ethyl methacrylate	9.16	69	248465	53.749	ug/l	90
57) 1,3-Dichloropropane	9.35	76	254312	51.464	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	601363	244.356	ug/l	97
59) 2-Hexanone	9.48	43	822035	234.363	ug/l	94
60) Dibromochloromethane	9.57	129	171592	55.015	ug/l	100
61) 1,2-Dibromoethane	9.65	107	160183	52.218	ug/l	99
64) Tetrachloroethene	9.32	164	211420	46.534	ug/l	100
65) Chlorobenzene	10.12	112	408563	52.722	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	154853	54.064	ug/l	99
67) Ethyl Benzene	10.24	91	724317	52.385	ug/l	100
68) m/p-Xylenes	10.34	106	554445	107.028	ug/l	100
69) o-Xylene	10.68	106	268739	53.968	ug/l	98
70) Styrene	10.70	104	469566	55.584	ug/l	98
71) Bromoform	10.84	173	129079	55.314	ug/l #	98
73) Isopropylbenzene	11.00	105	702862	52.217	ug/l	99
74) N-amyl acetate	10.88	43	294360	46.884	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	177964	64.879	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	215616m	51.344	ug/l	
77) Bromobenzene	11.24	156	179998	51.808	ug/l	98
78) n-propylbenzene	11.34	91	787811	50.311	ug/l	100
79) 2-Chlorotoluene	11.40	91	478214	51.738	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	589592	51.878	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	90698	51.469	ug/l	92
82) 4-Chlorotoluene	11.49	91	561991	51.488	ug/l	99
83) tert-Butylbenzene	11.76	119	499156	50.964	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	598657	52.103	ug/l	99
85) sec-Butylbenzene	11.93	105	616029	46.584	ug/l	100
86) p-Isopropyltoluene	12.05	119	594126	48.390	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	315622	50.594	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	314907	49.735	ug/l	98
89) n-Butylbenzene	12.37	91	485960	43.326	ug/l	99
90) Hexachloroethane	12.58	117	101321	48.051	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	304976	50.772	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52791	47.697	ug/l	94

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VSTDCCC050

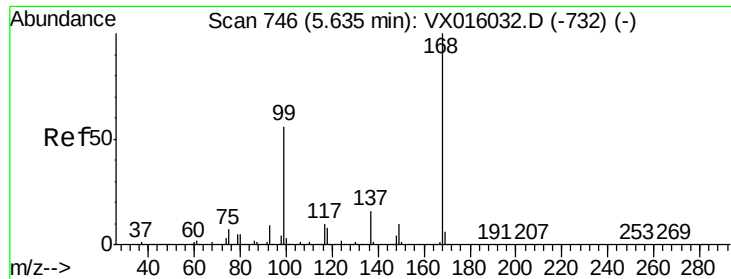
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	200393	45.060	ug/l	98
94) Hexachlorobutadiene	13.77	225	75519	39.547	ug/l	98
95) Naphthalene	13.82	128	706025	49.029	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	194633	44.781	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 256105

Ion Ratio Lower Upper

168 100

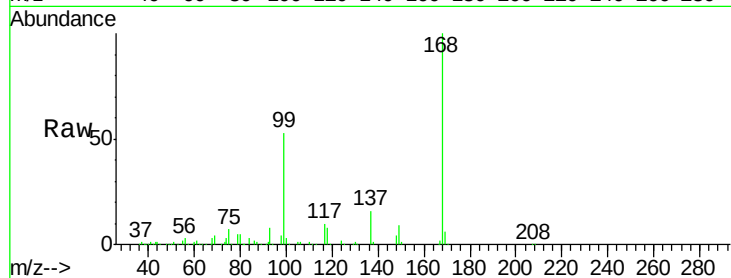
99 53.1 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

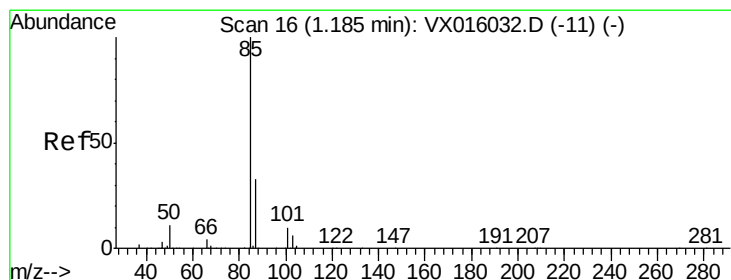
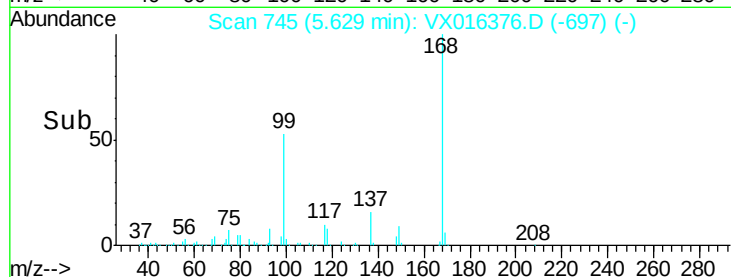
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.995 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016376.D

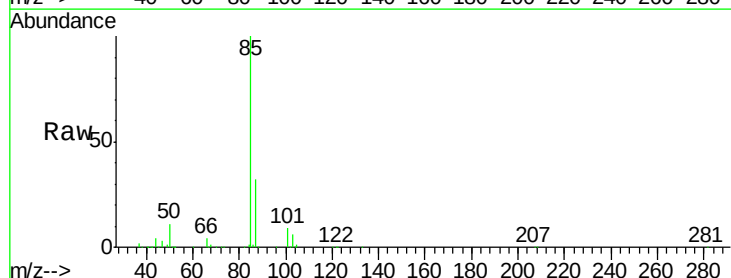
Acq: 21 May 2020 11:53

Tgt Ion: 85 Resp: 127395

Ion Ratio Lower Upper

85 100

87 31.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

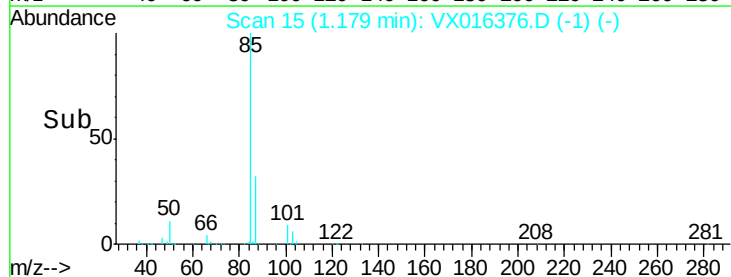
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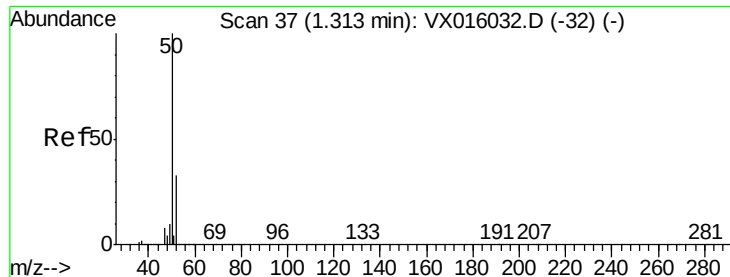
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.197 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 135990

Ion Ratio Lower Upper

50 100

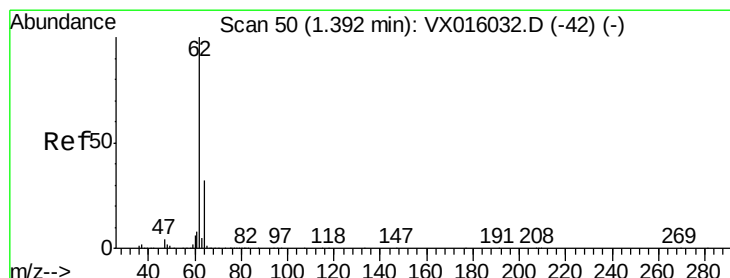
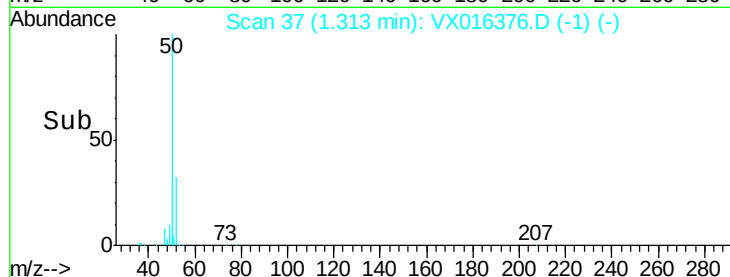
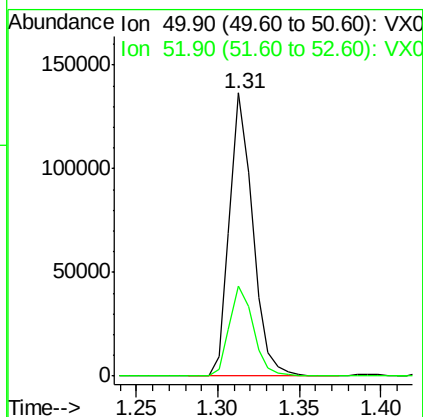
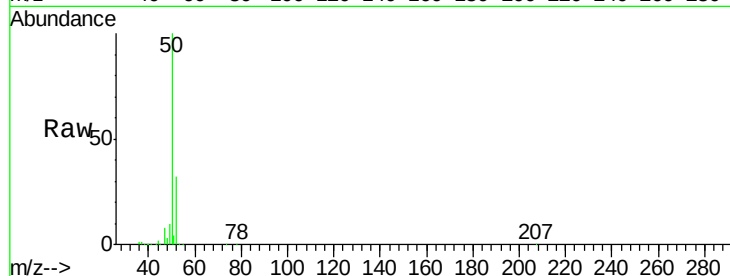
52 32.0 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.210 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016376.D

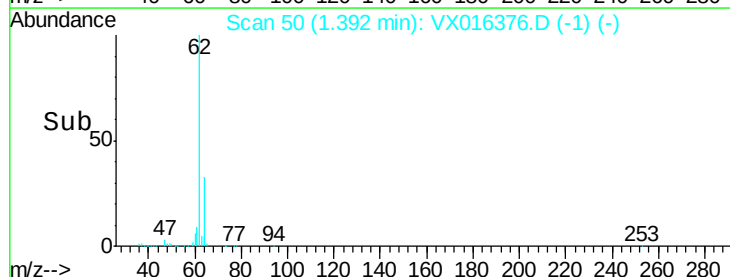
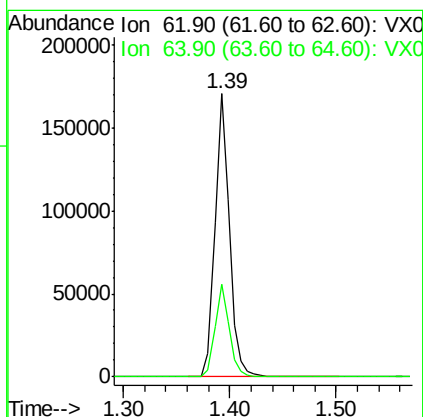
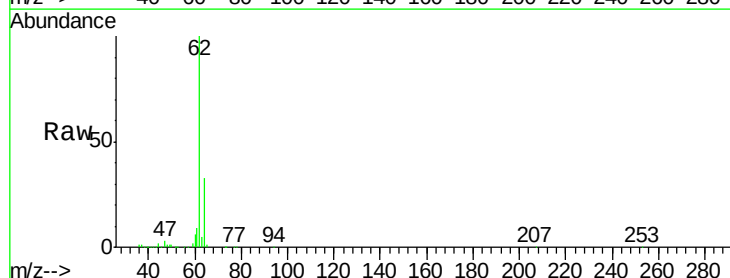
Acq: 21 May 2020 11:53

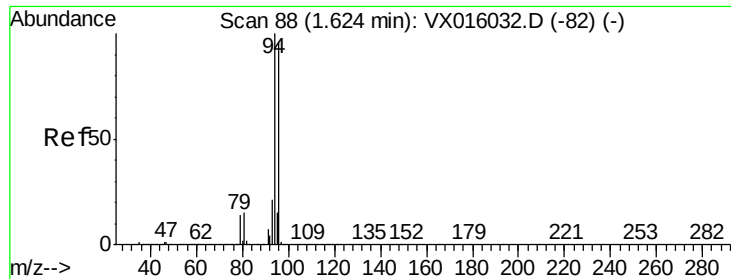
Tgt Ion: 62 Resp: 158567

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5





#5

Bromomethane

Concen: 35.367 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 59887

Ion Ratio Lower Upper

94 100

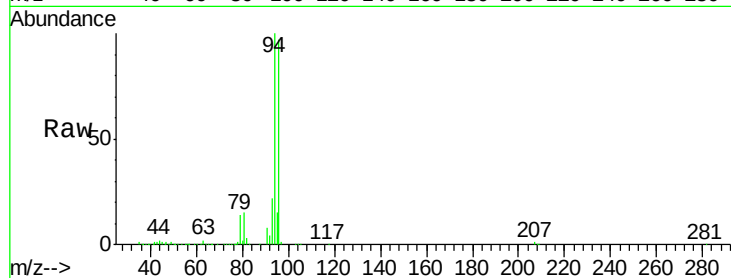
96 96.6 76.9 115.3

Manual Integrations

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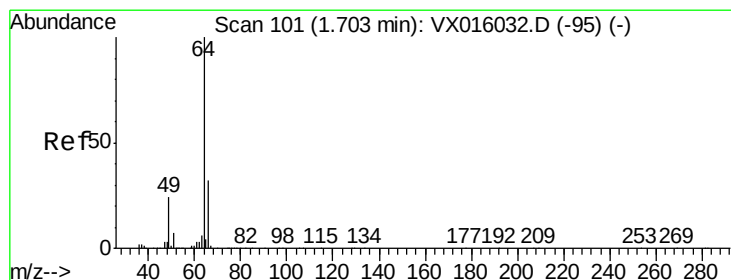
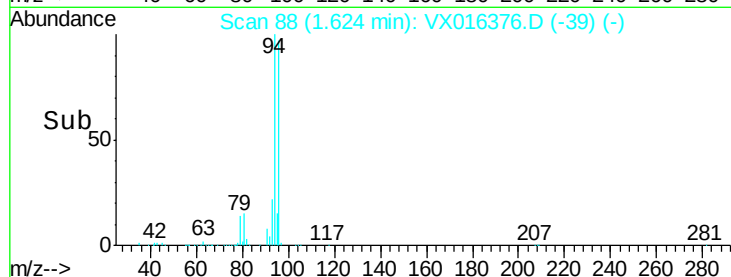
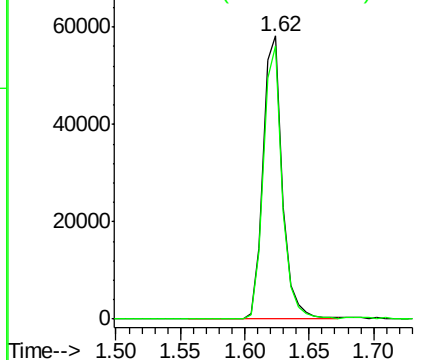
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.565 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016376.D

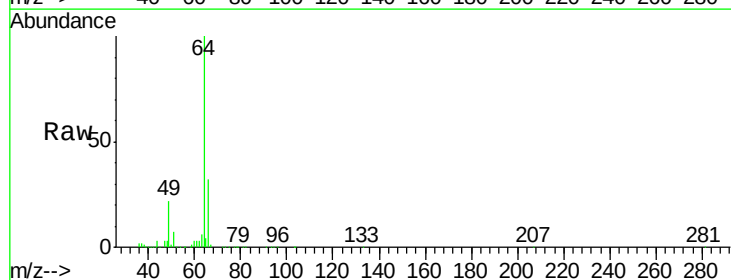
Acq: 21 May 2020 11:53

Tgt Ion: 64 Resp: 97205

Ion Ratio Lower Upper

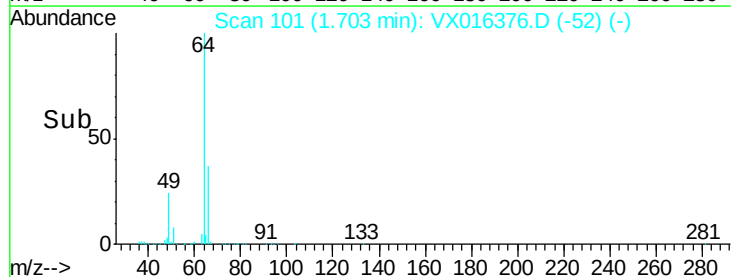
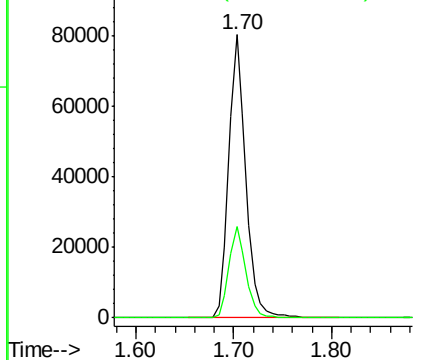
64 100

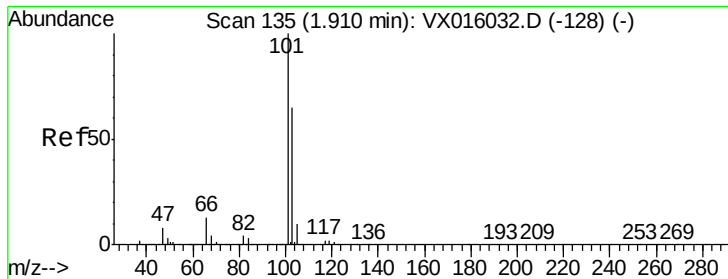
66 32.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

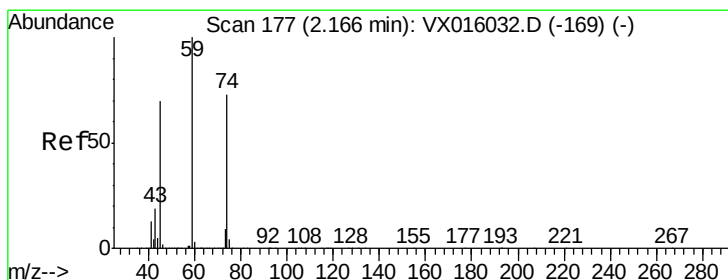
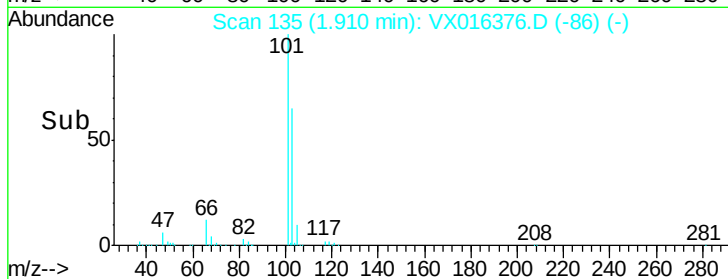
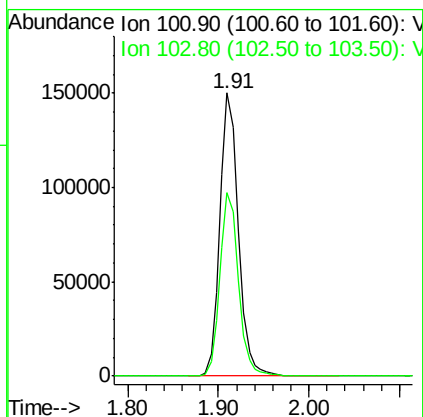
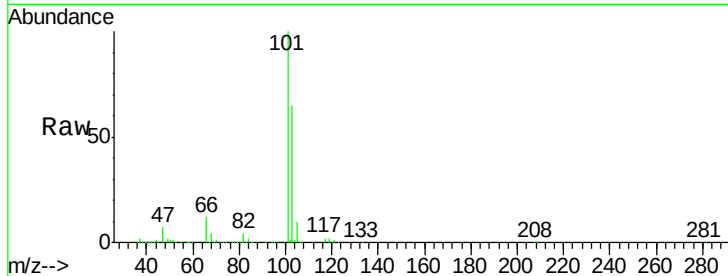
Trichlorofluoromethane
Concen: 48.466 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.8	77.6

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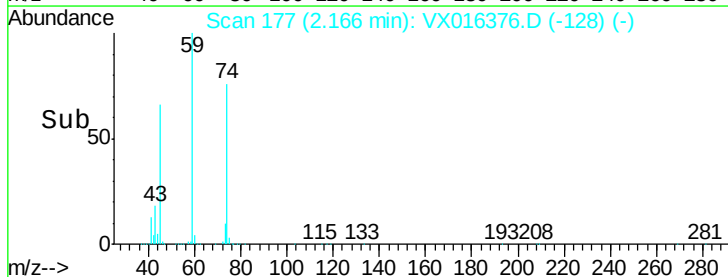
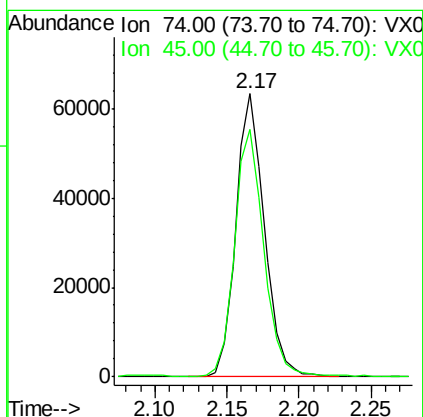
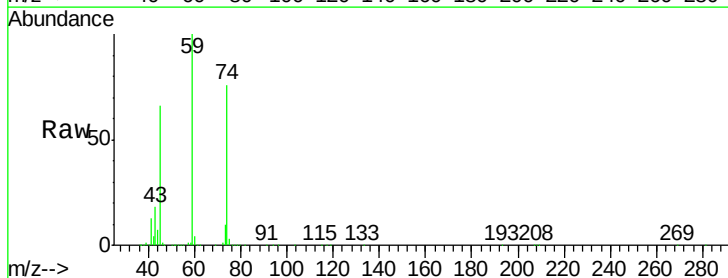
MMDadoda
5/22/2020 4:02:51 PM

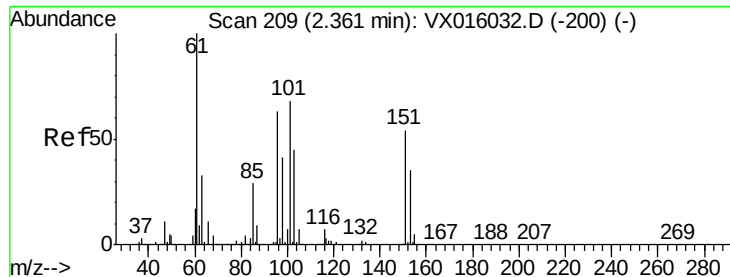


#8

Diethyl Ether
Concen: 46.950 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.3	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.229 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Instrument :

MSVOA_X

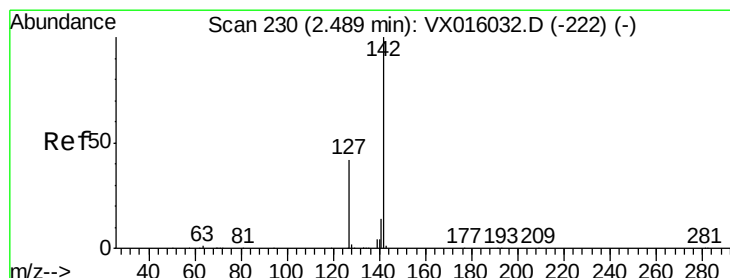
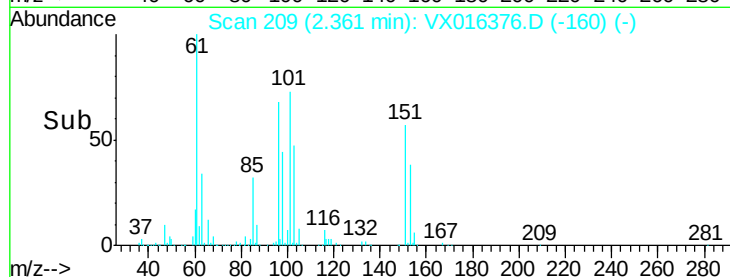
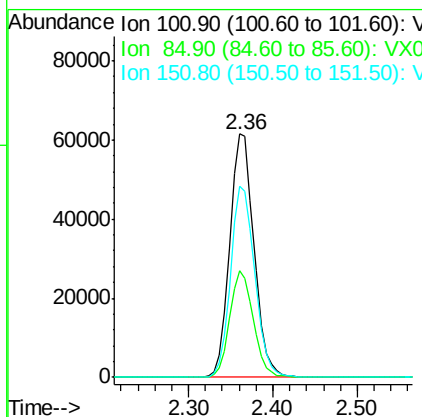
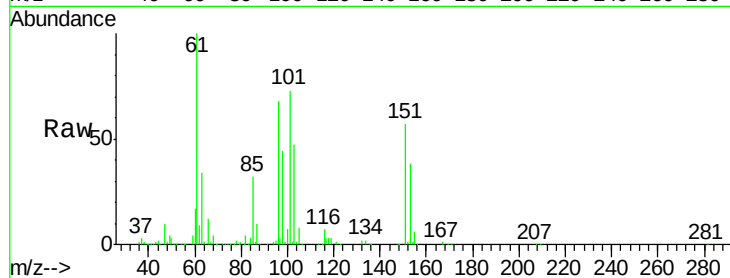
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	120152
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.2	51.4
151	78.3	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 33.308 ug/l

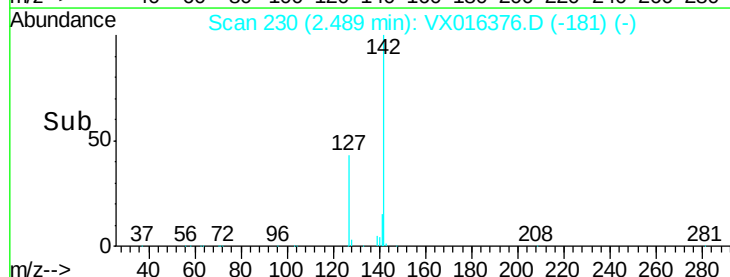
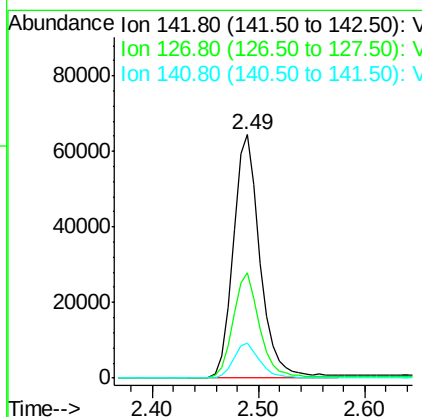
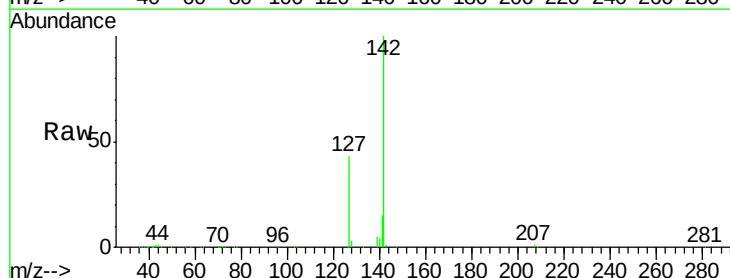
RT: 2.49 min Scan# 230

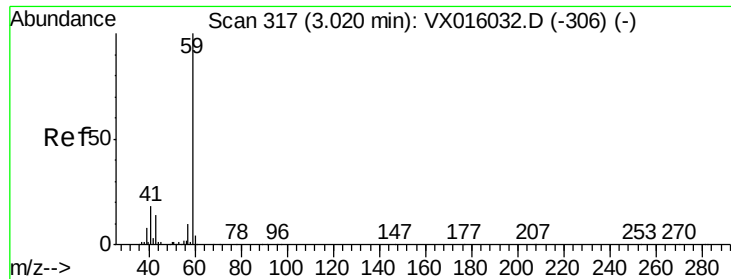
Delta R.T. -0.00 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Tgt Ion:	142	Resp:	113821
Ion Ratio	Lower	Upper	
142	100		
127	43.7	34.6	52.0
141	14.2	11.3	16.9





#11

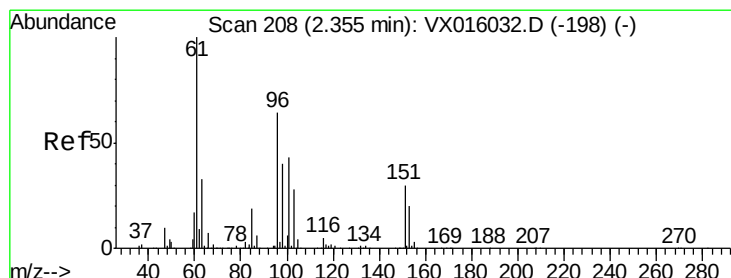
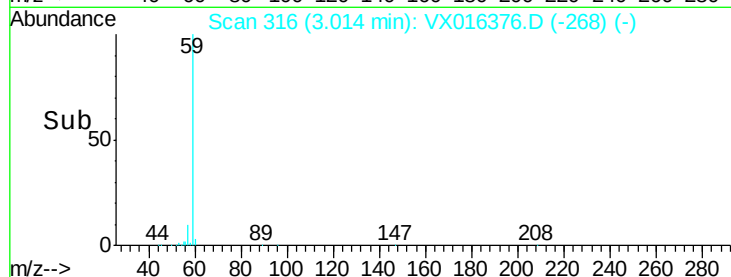
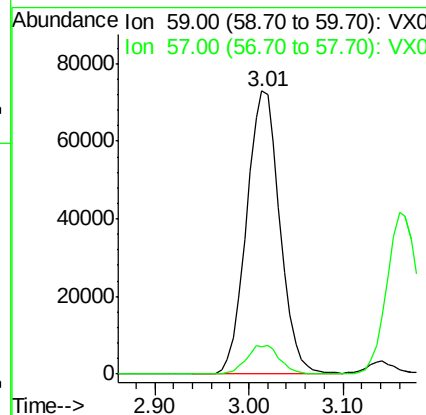
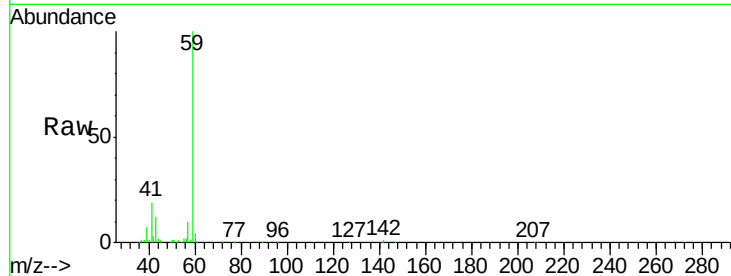
Tert butyl alcohol
Concen: 211.705 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

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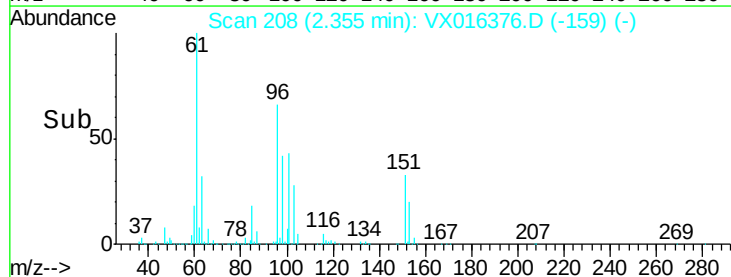
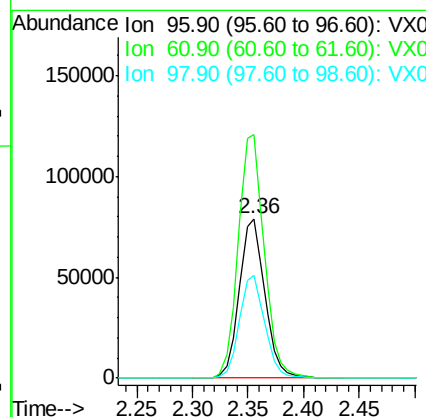
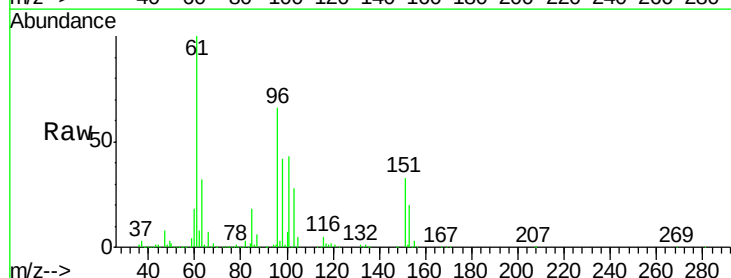
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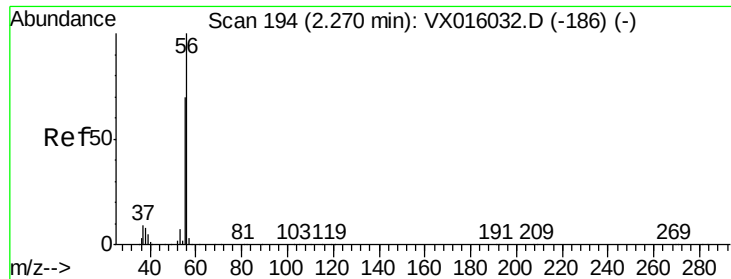


#12

1,1-Dichloroethene
Concen: 46.992 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.6	124.8	187.2
98	64.1	49.7	74.5





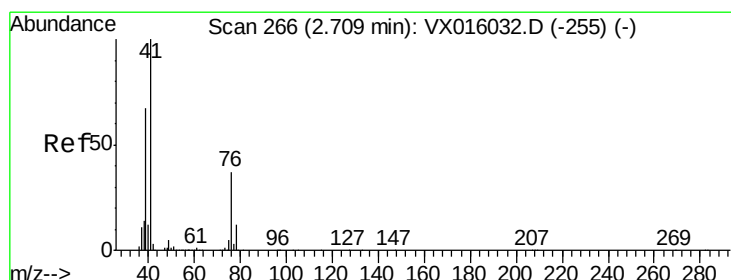
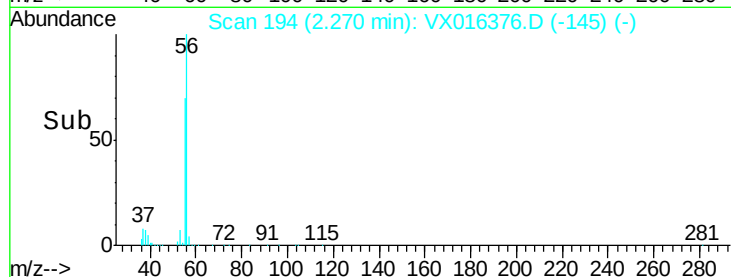
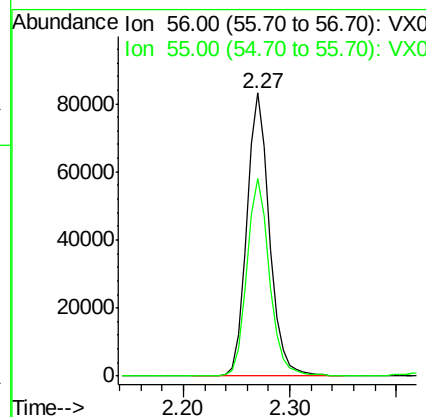
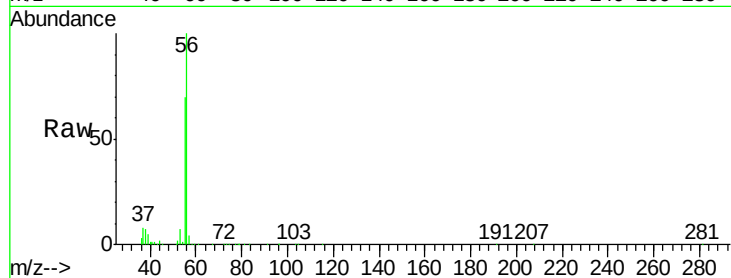
#13
Acrolein
Concen: 233.666 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.5	84.7

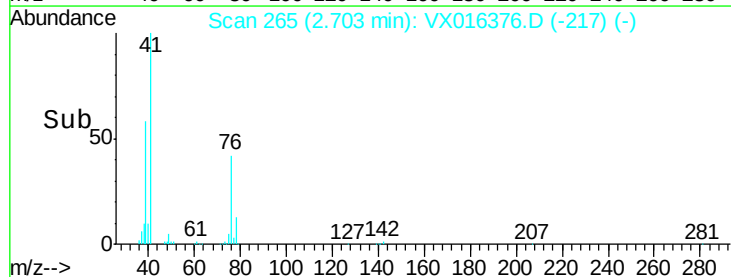
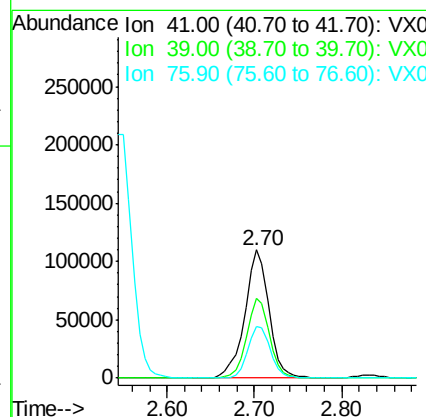
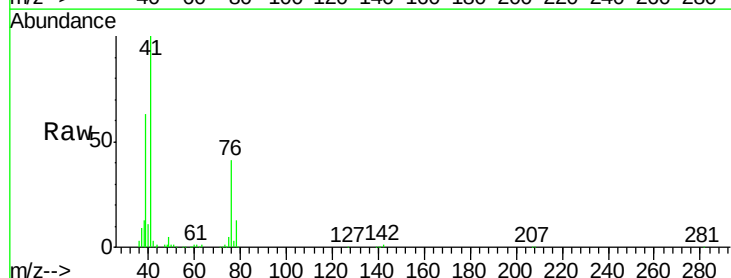
Manual Integrations
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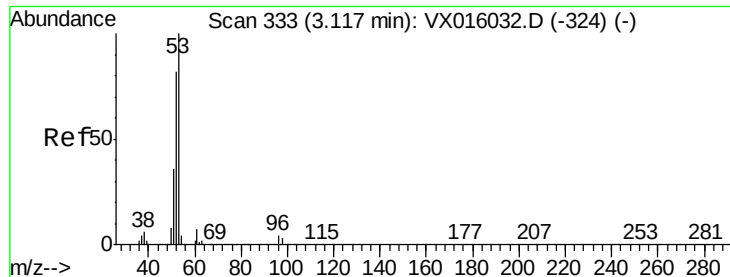
MMDadoda
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#14
Allyl chloride
Concen: 43.402 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.9	50.5	75.7
76	37.7	26.6	40.0





#15

Acrylonitrile

Concen: 229.434 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Instrument :

MSVOA_X

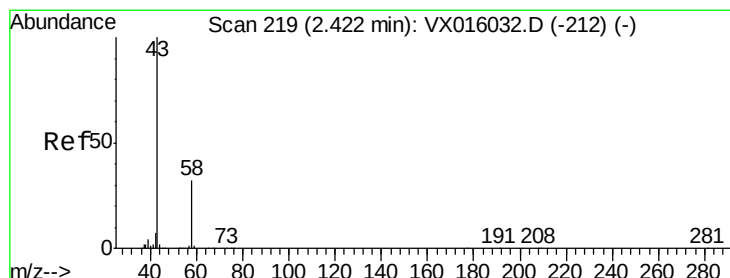
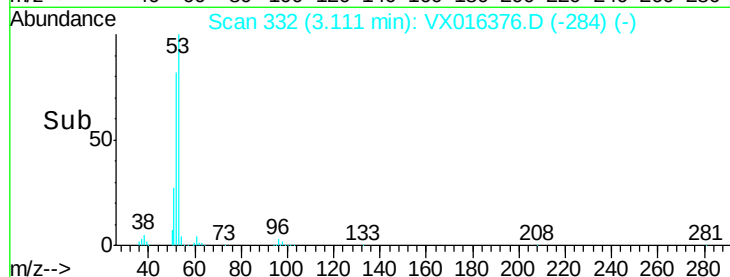
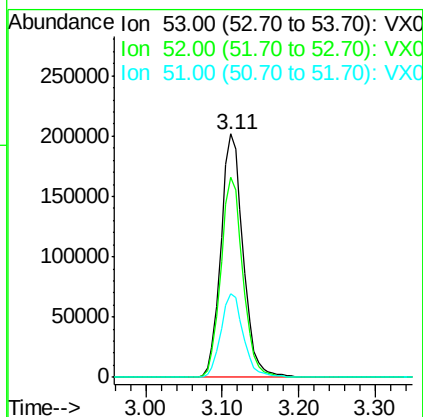
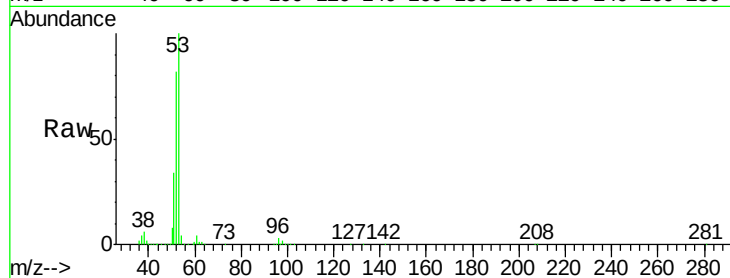
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	405617
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.1	99.1
51	34.9	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 224.564 ug/l

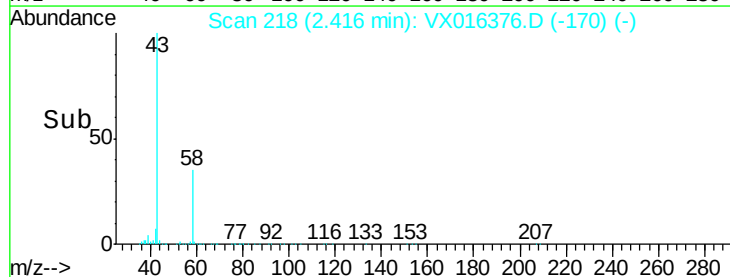
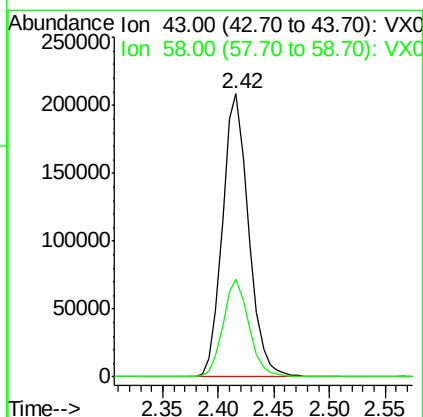
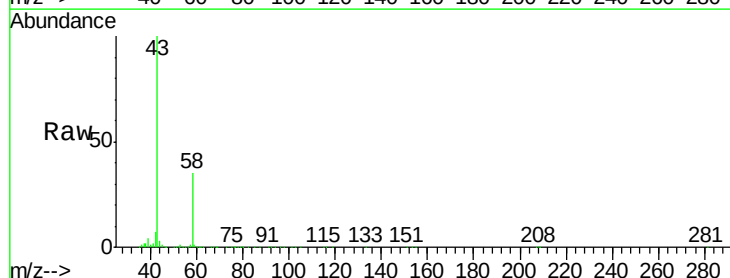
RT: 2.42 min Scan# 218

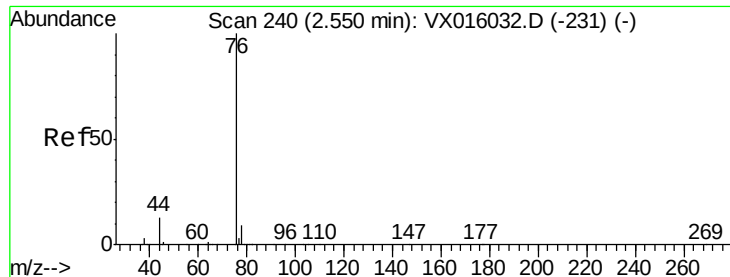
Delta R.T. -0.01 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Tgt Ion:	43	Resp:	337677
Ion Ratio	Lower	Upper	
43	100		
58	34.5	25.4	38.0





#17

Carbon Disulfide

Concen: 44.024 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 352165

Ion Ratio Lower Upper

76 100

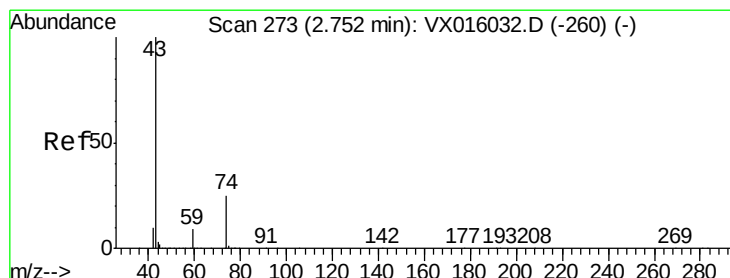
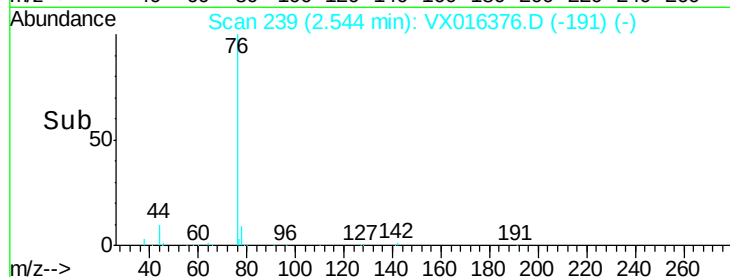
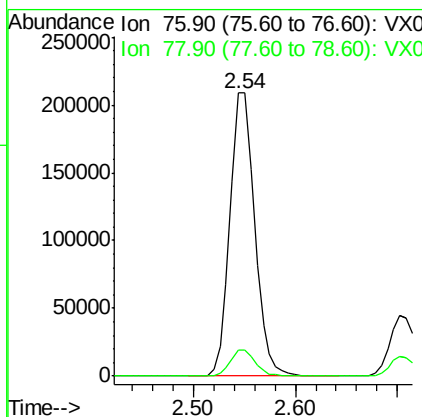
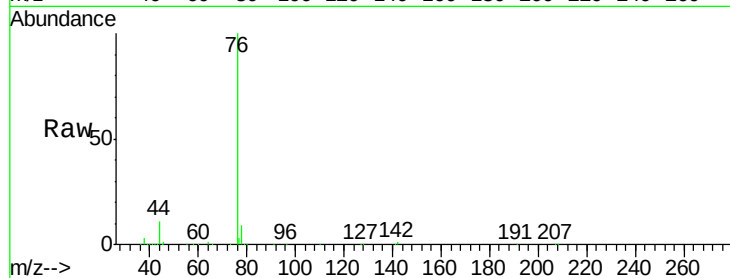
78 9.0 7.5 11.3

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#18

Methyl Acetate

Concen: 44.437 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016376.D

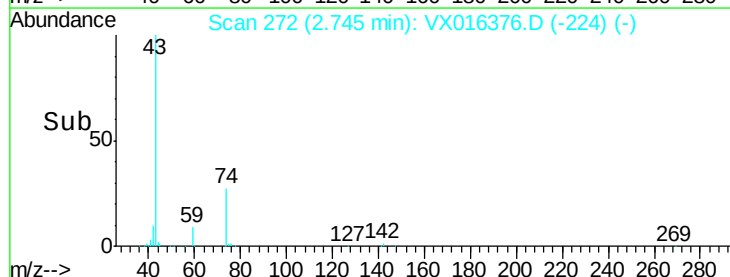
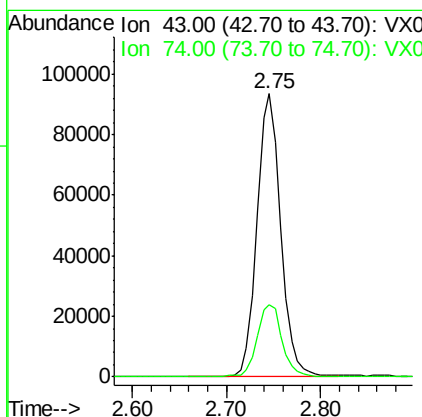
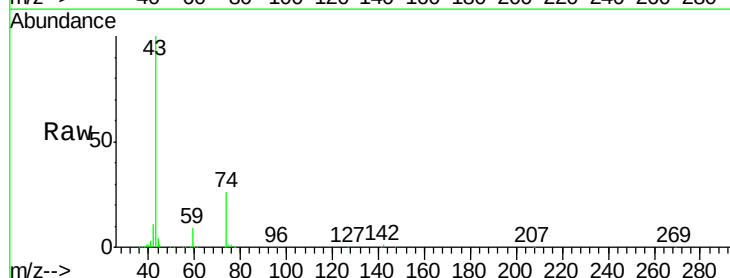
Acq: 21 May 2020 11:53

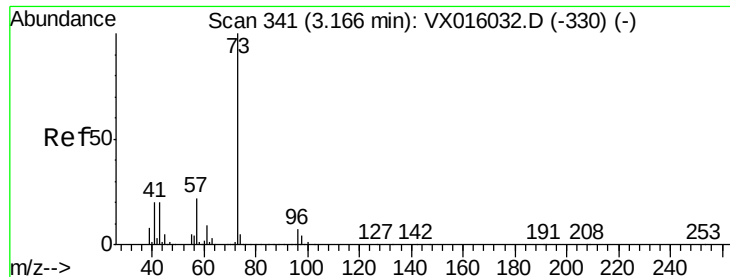
Tgt Ion: 43 Resp: 164293

Ion Ratio Lower Upper

43 100

74 27.4 20.2 30.2





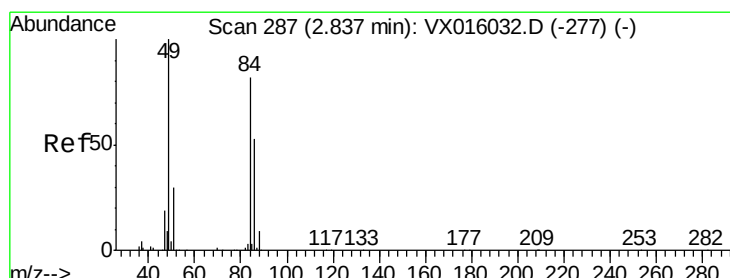
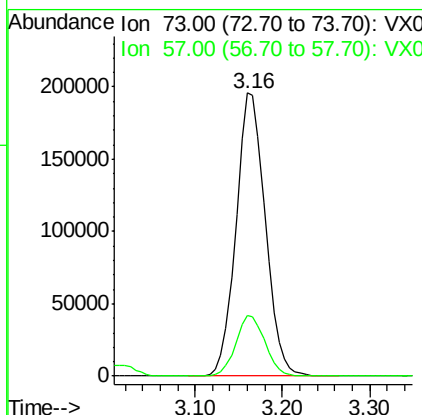
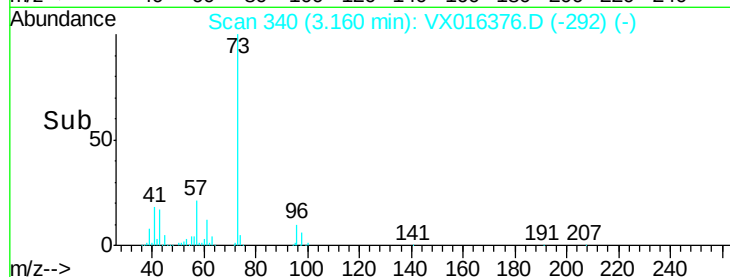
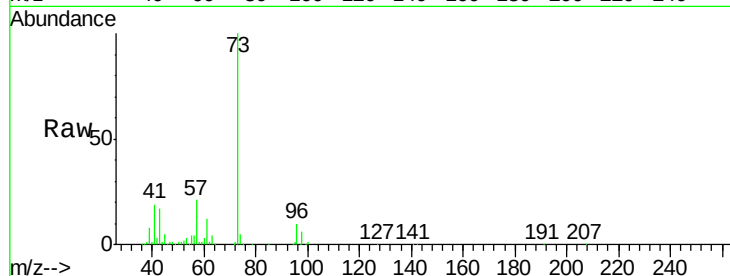
#19
Methyl tert-butyl Ether
Concen: 49.634 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.8	26.6

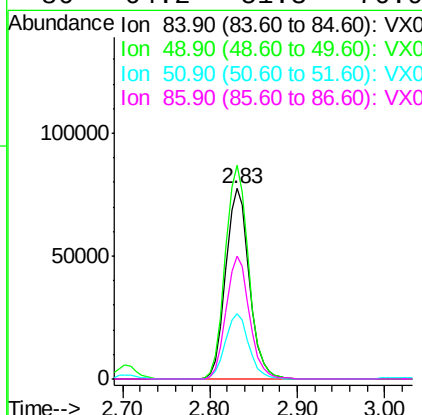
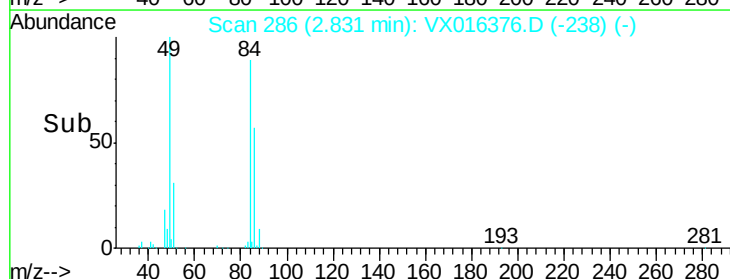
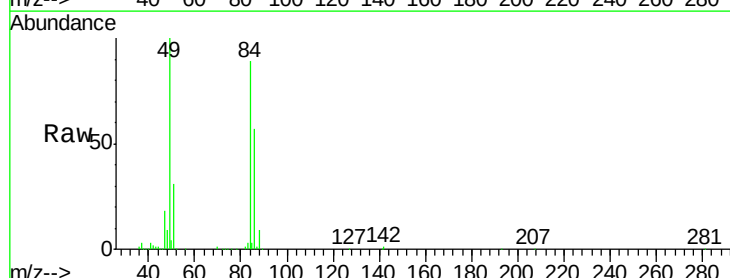
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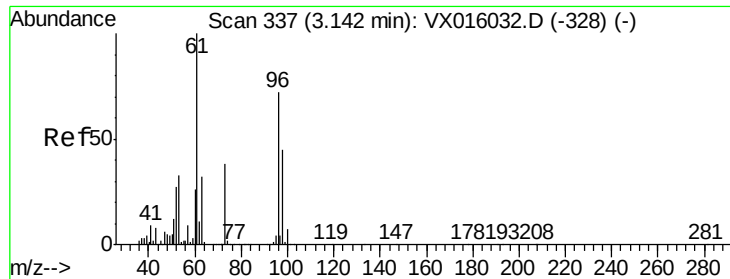
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#20
Methylene Chloride
Concen: 46.602 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.1	97.3	145.9
51	34.4	29.3	43.9
86	64.2	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 47.903 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 142116

Ion Ratio Lower Upper

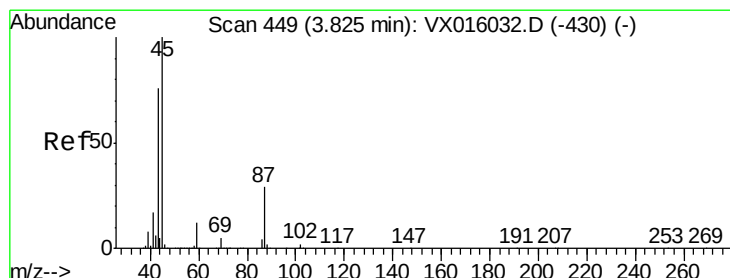
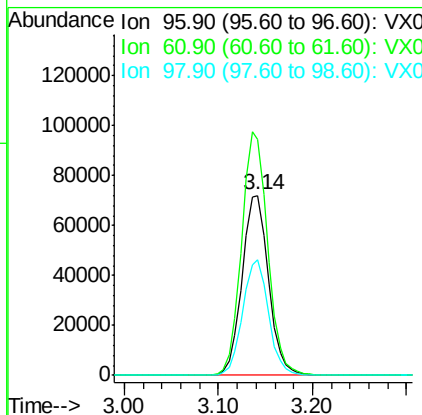
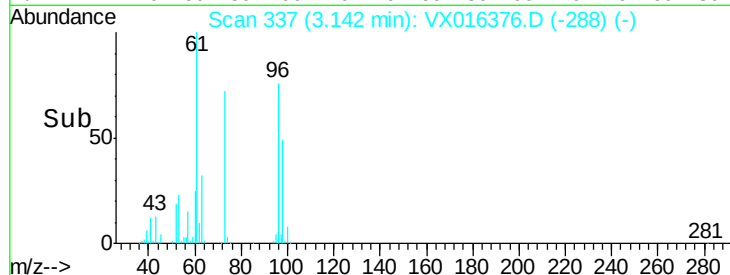
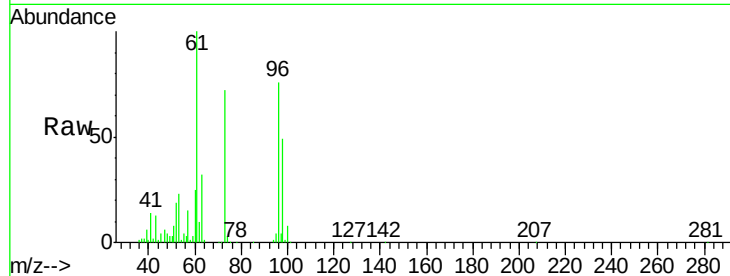
96 100

61 131.6 111.2 166.8

98 64.6 50.2 75.4

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#22

Diisopropyl ether

Concen: 45.984 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Tgt Ion: 45 Resp: 423466

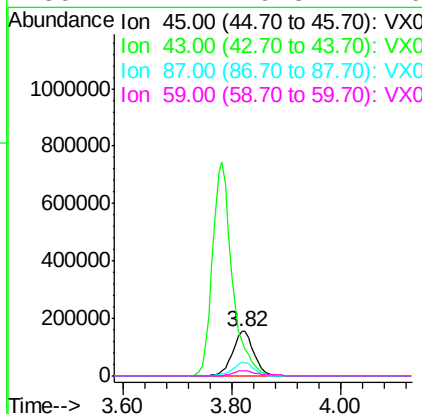
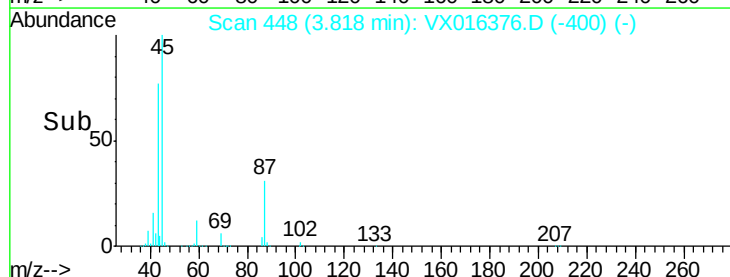
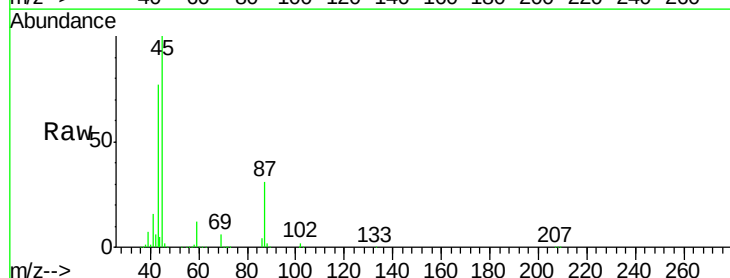
Ion Ratio Lower Upper

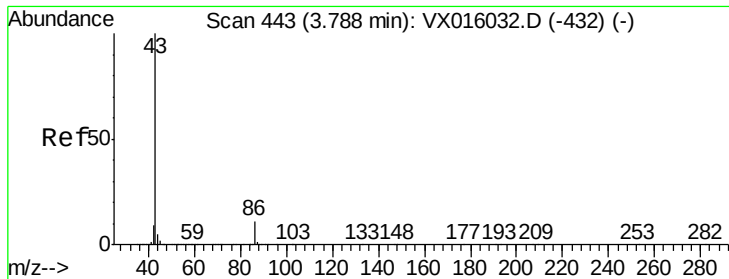
45 100

43 76.4 61.1 91.7

87 30.6 23.0 34.6

59 12.4 9.8 14.6





#23

Vinyl Acetate

Concen: 230.572 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1868068

Ion Ratio Lower Upper

43 100

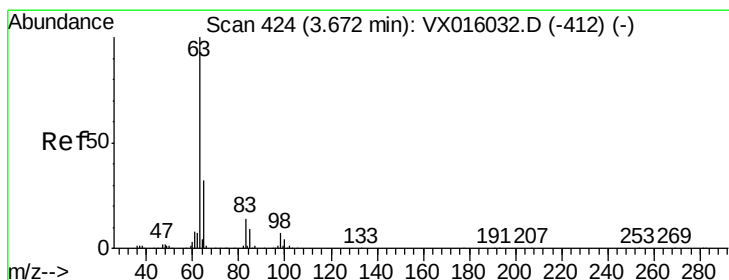
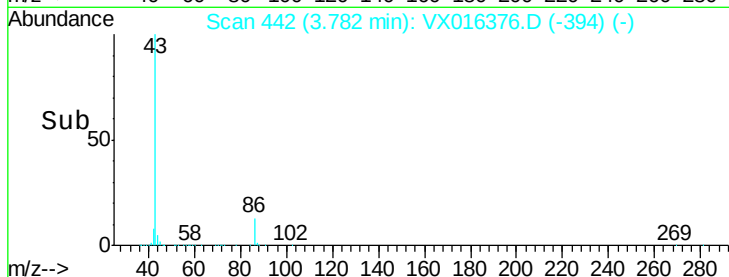
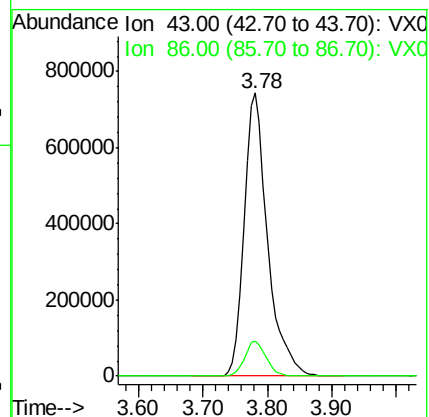
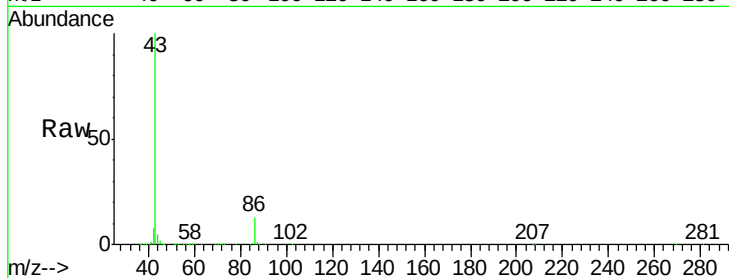
86 12.5 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 48.121 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

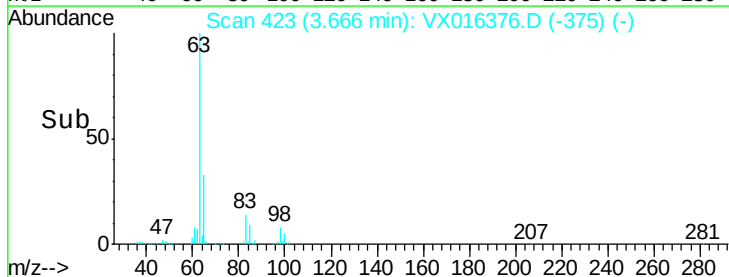
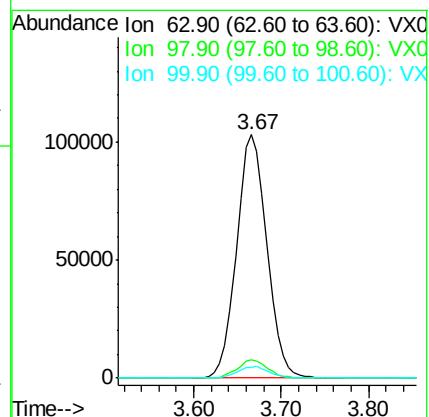
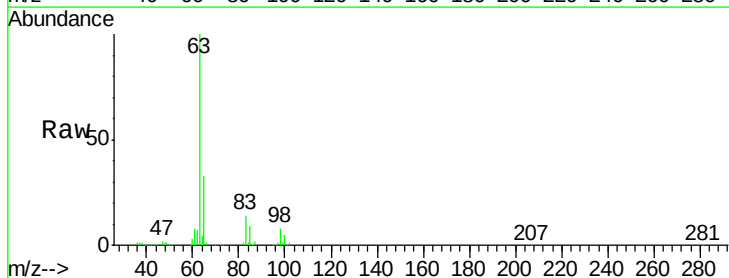
Tgt Ion: 63 Resp: 247894

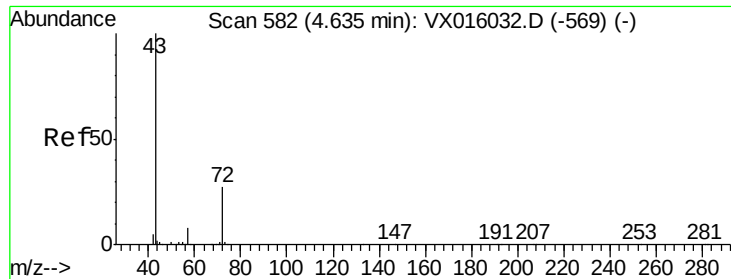
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 4.5 2.1 6.5





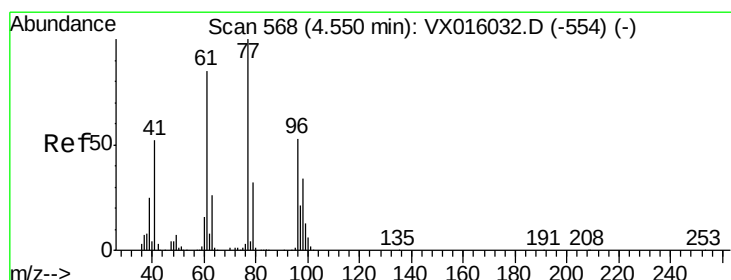
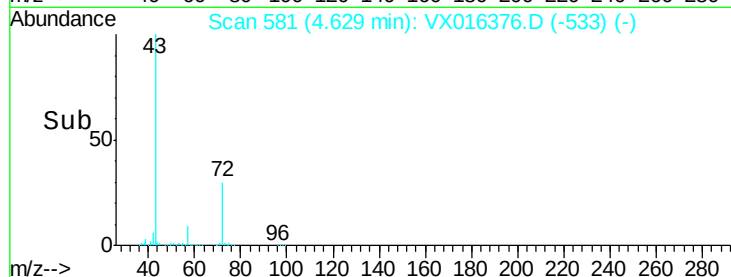
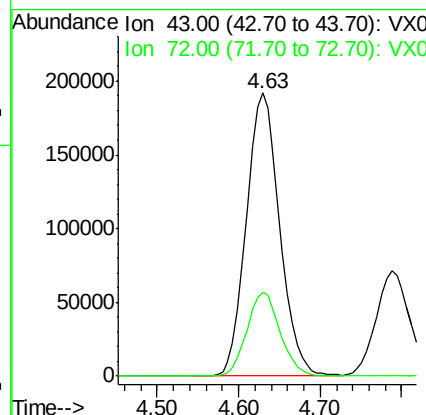
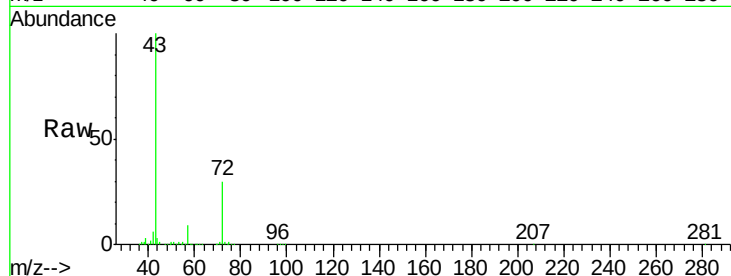
#25
2-Butanone
Concen: 224.091 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	542988
Ion Ratio	100	Lower	Upper
72	29.5	21.8	32.8

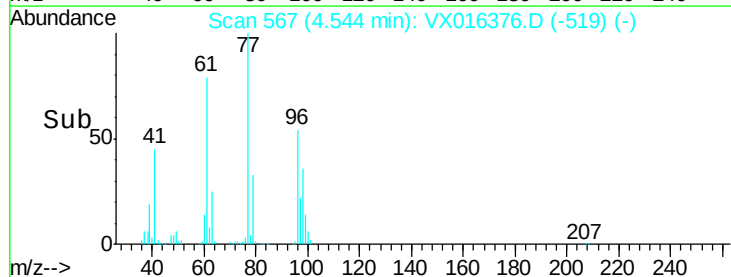
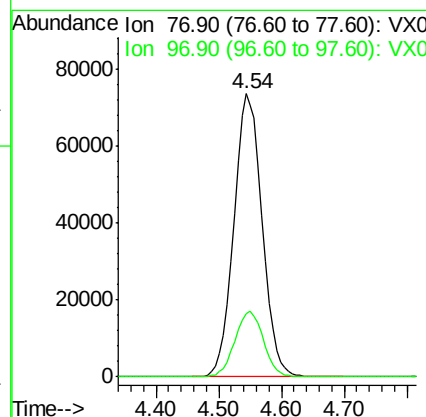
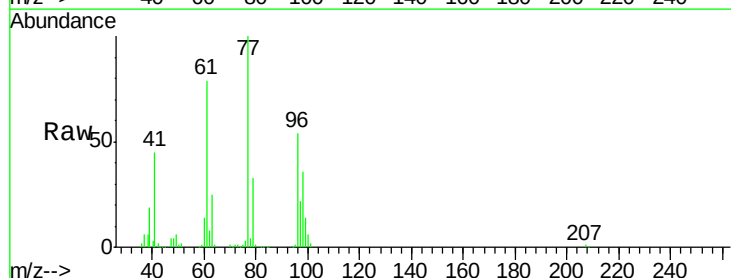
Manual Integrations
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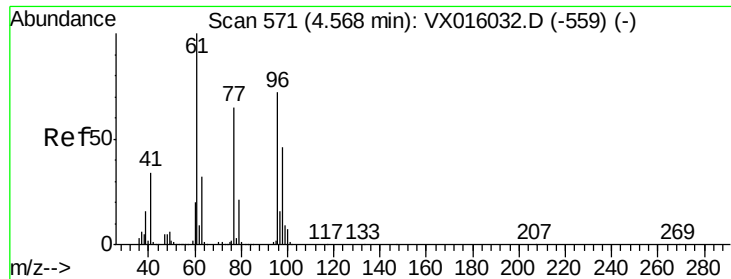
MMDadoda
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#26
2,2-Dichloropropane
Concen: 48.644 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	77	Resp	228848
Ion Ratio	100	Lower	Upper
97	23.4	11.2	33.6





#27

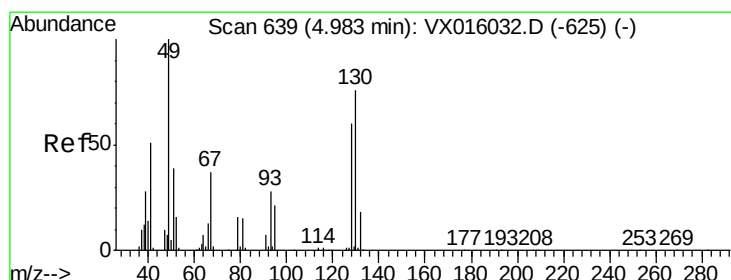
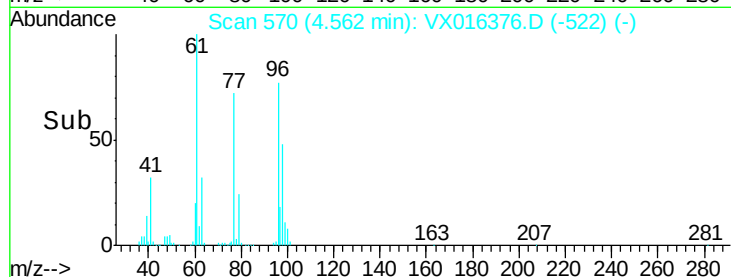
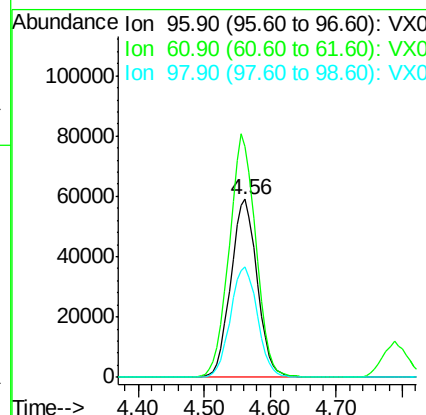
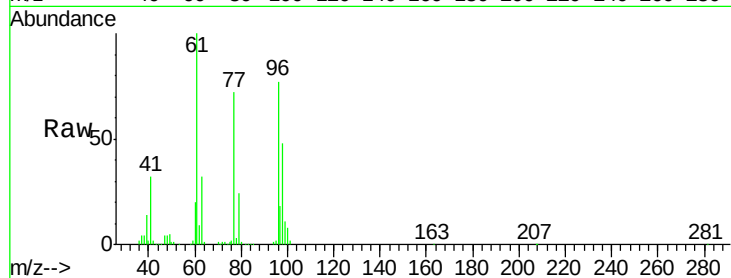
cis-1,2-Dichloroethene
Concen: 50.532 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	163893		
61	137.5	0.0	296.2	
98	63.4	0.0	129.4	

Manual Integrations
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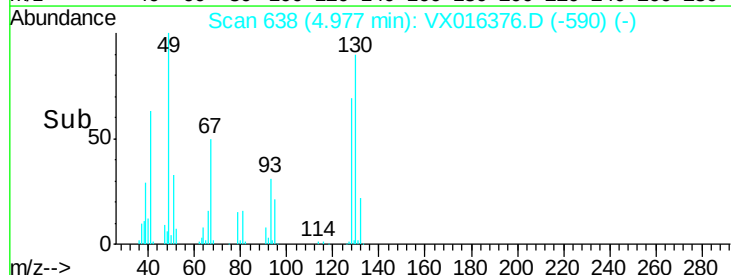
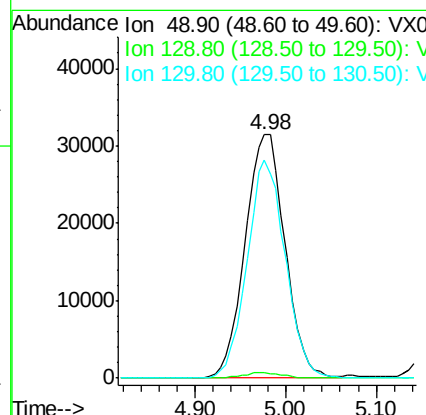
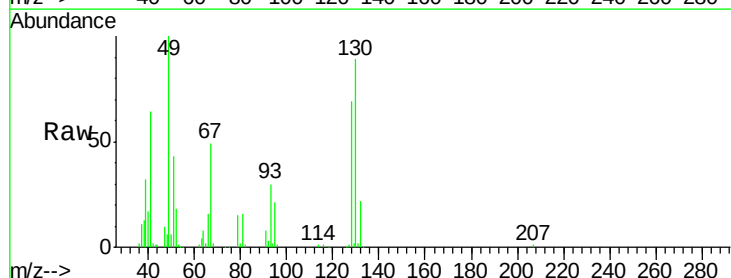
MMDadoda
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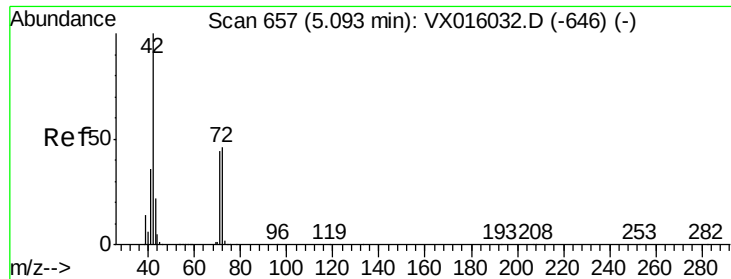


#28

Bromochloromethane
Concen: 40.795 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	95827		
129	2.3	0.0	4.0	
130	85.9	62.4	93.6	





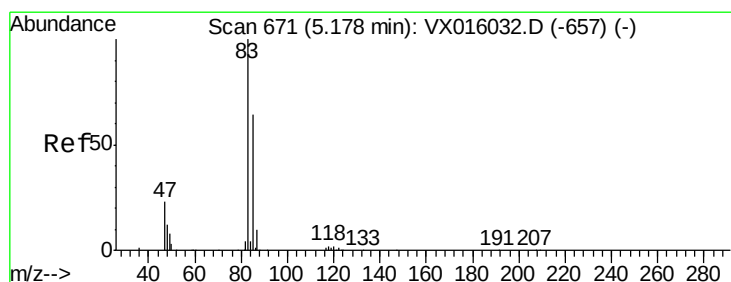
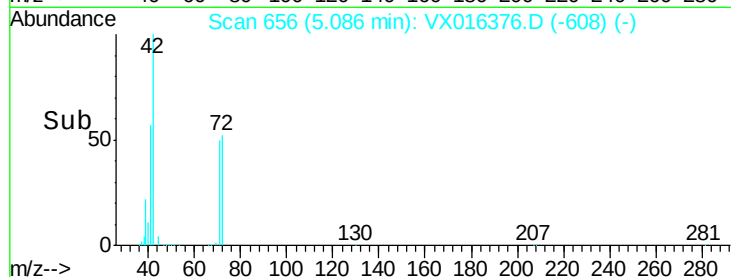
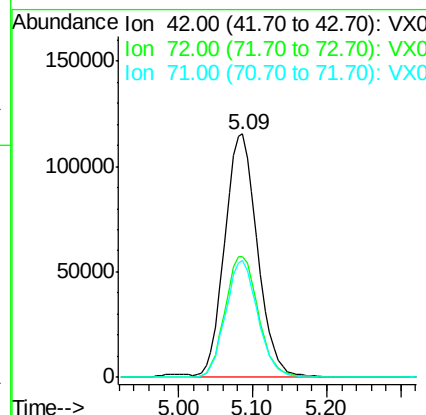
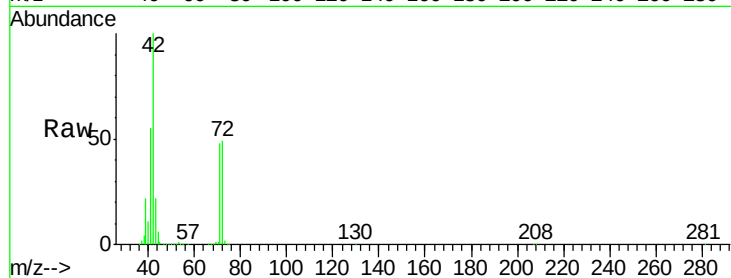
#29
Tetrahydrofuran
Concen: 220.225 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.9	37.1	55.7
71	47.2	34.5	51.7

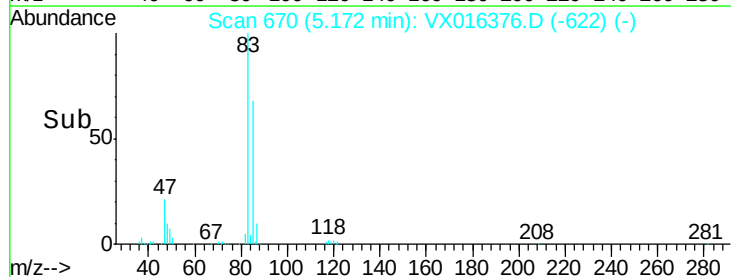
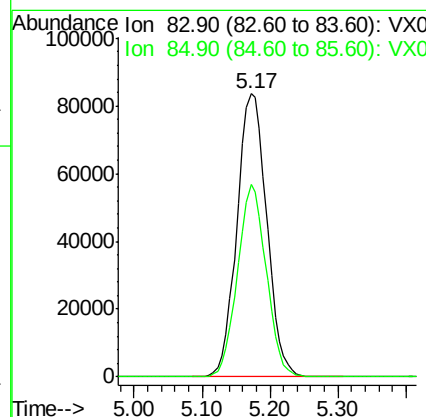
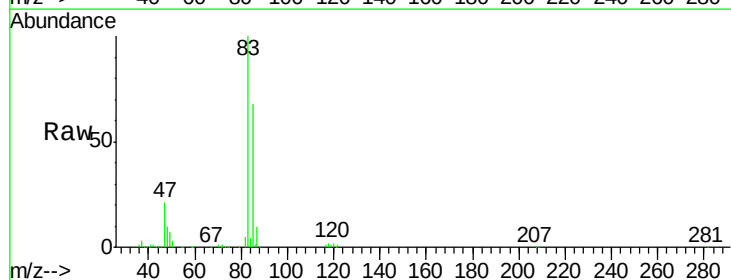
Manual Integrations
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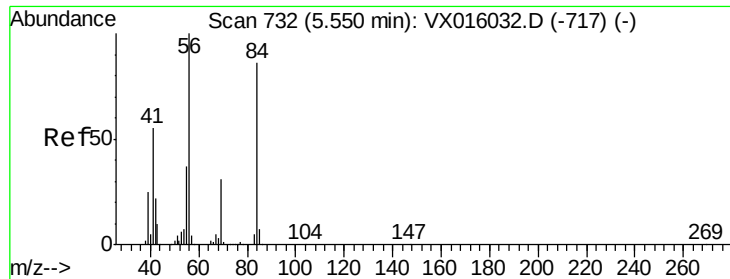
MMDadoda
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#30
Chloroform
Concen: 49.654 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.2	51.6	77.4





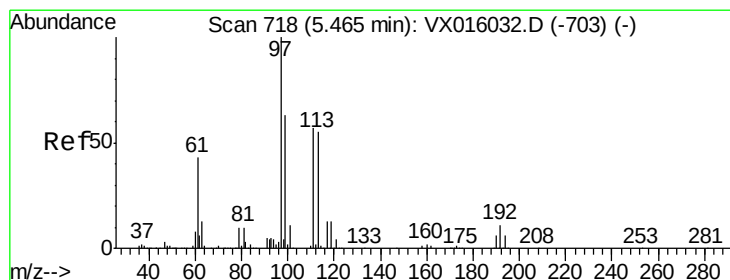
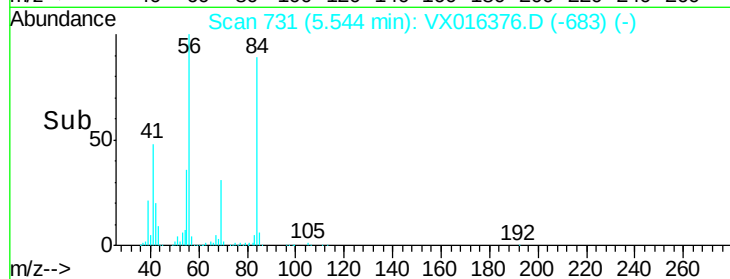
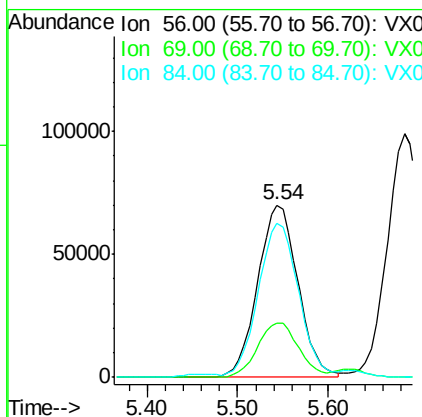
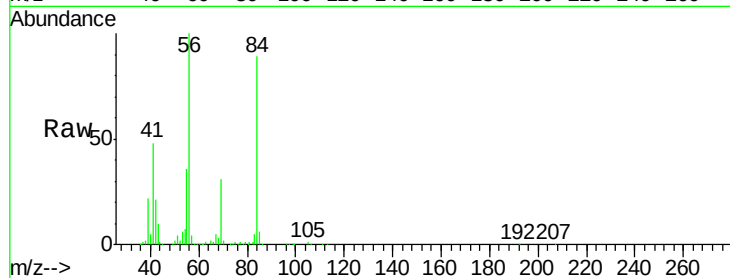
#31
Cyclohexane
Concen: 45.848 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.0	37.6
84	87.9	69.0	103.6

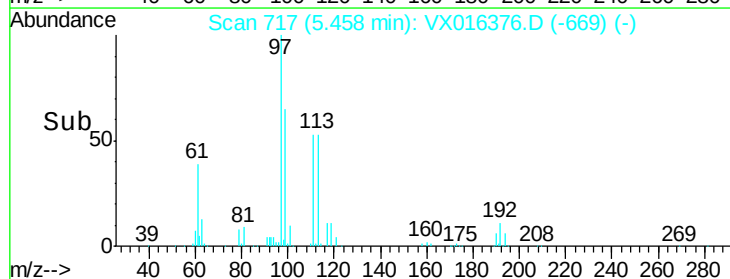
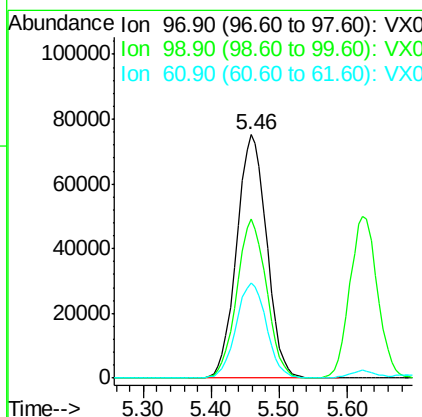
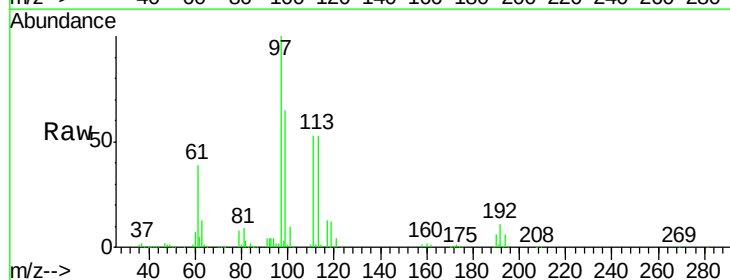
Manual Integrations
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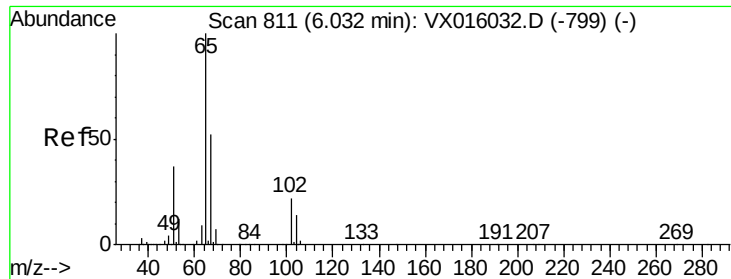
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 49.478 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.4
61	39.5	34.5	51.7





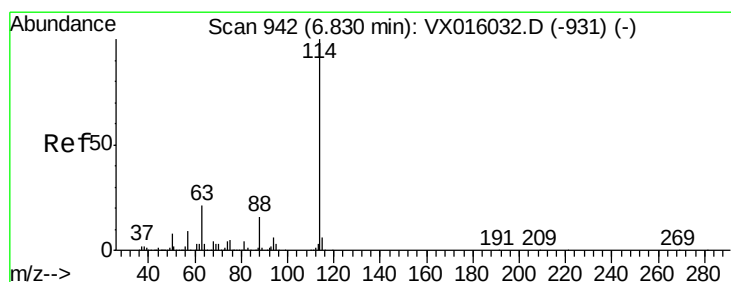
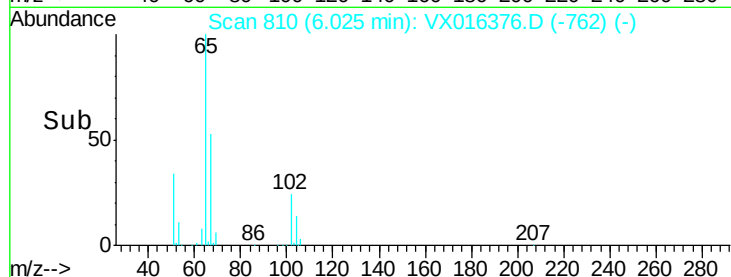
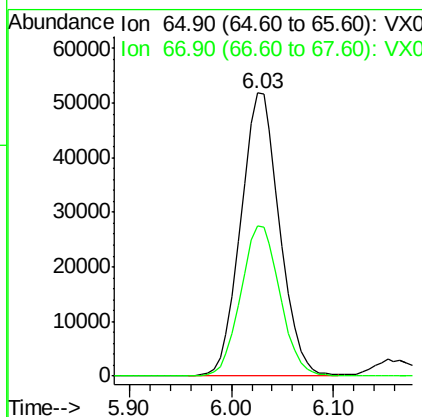
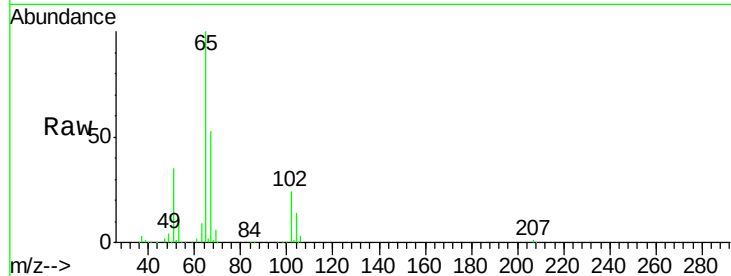
#33
 1,2-Dichloroethane-d4
 Concen: 40.642 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	136967		
67	53.9	0.0	104.8	

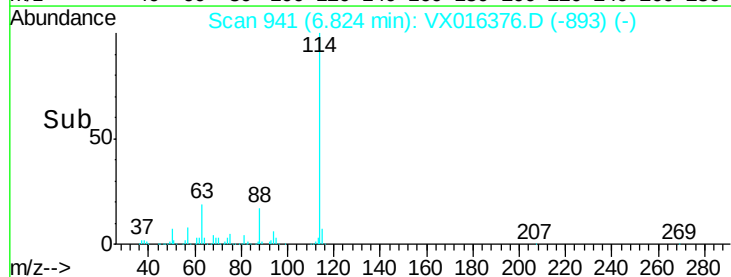
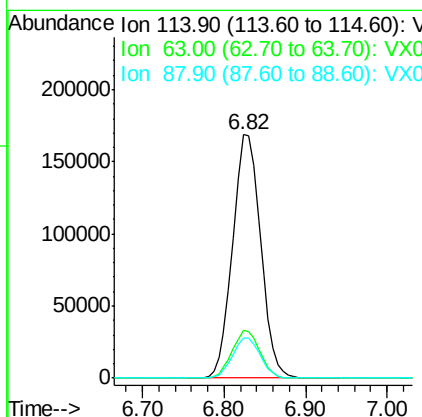
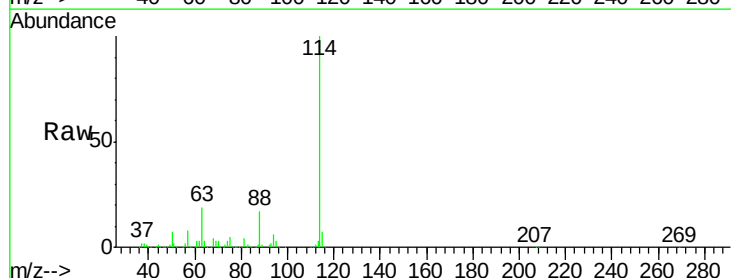
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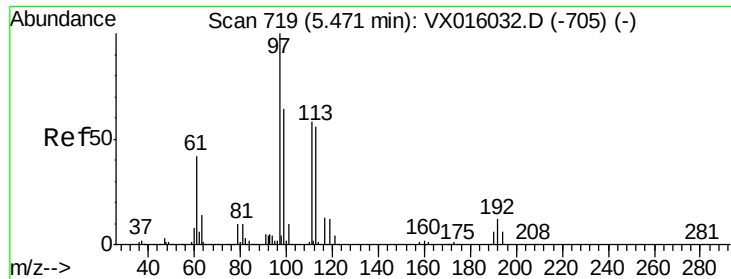
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	400948		
63	19.5	0.0	42.8	
88	16.6	0.0	31.4	





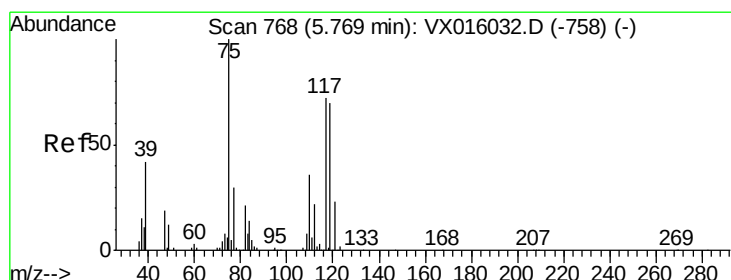
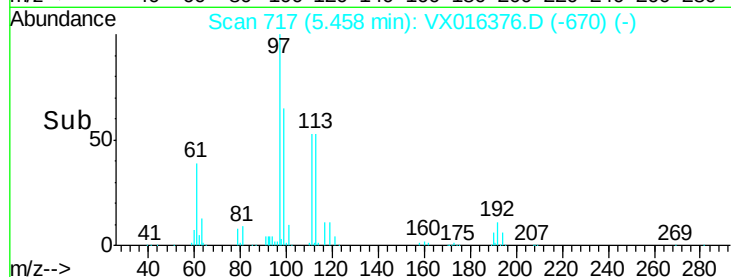
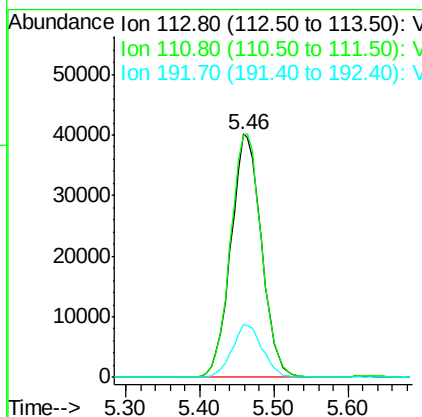
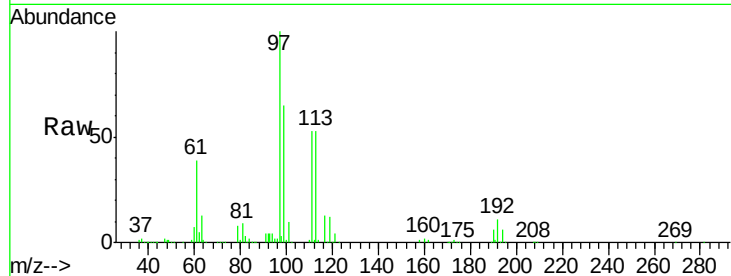
#35
 Dibromofluoromethane
 Concen: 45.407 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	115341		
111	101.9	81.6	122.4	
192	21.5	17.0	25.4	

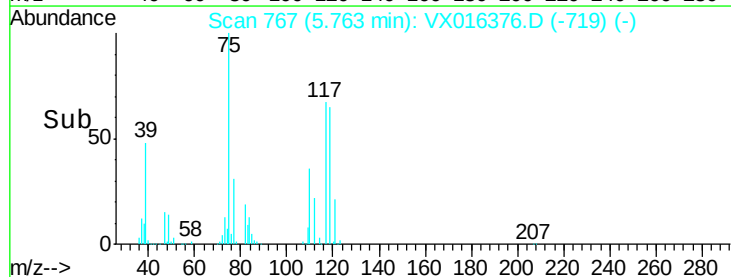
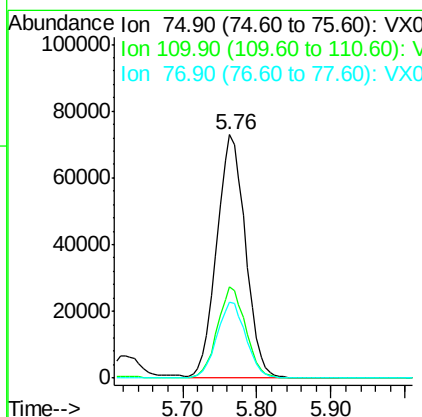
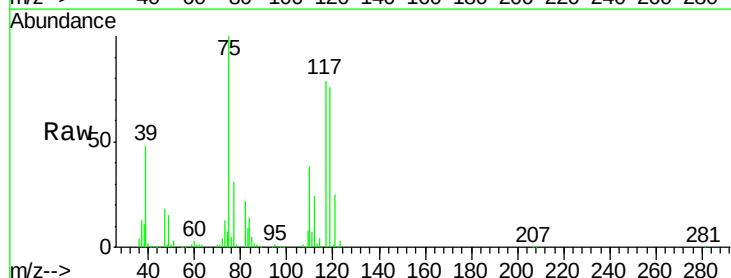
Manual Integrations
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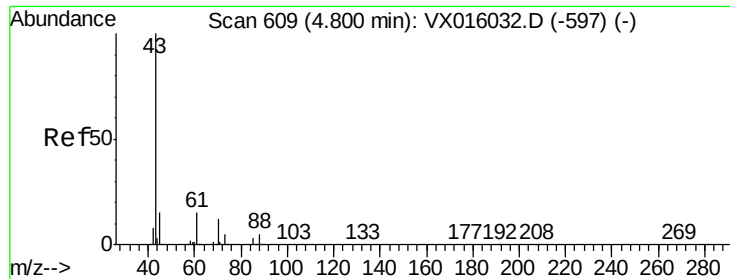
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#36
 1,1-Dichloropropene
 Concen: 49.514 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	195419		
110	36.7	18.1	54.1	
77	31.3	25.0	37.6	





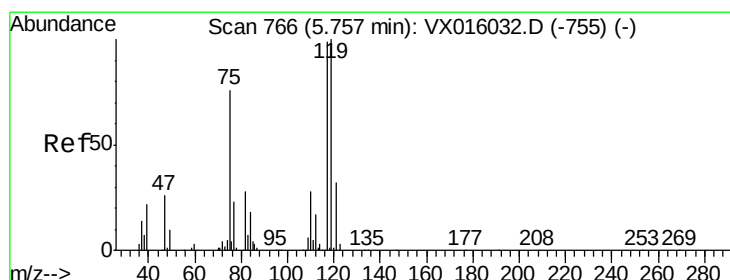
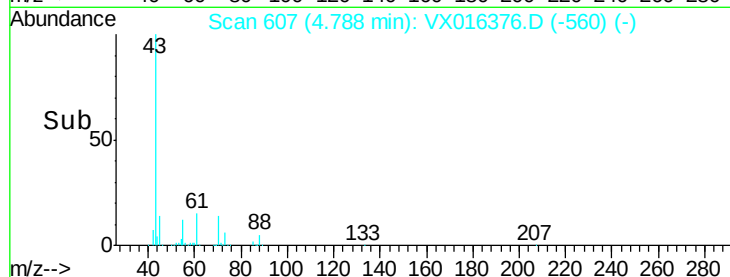
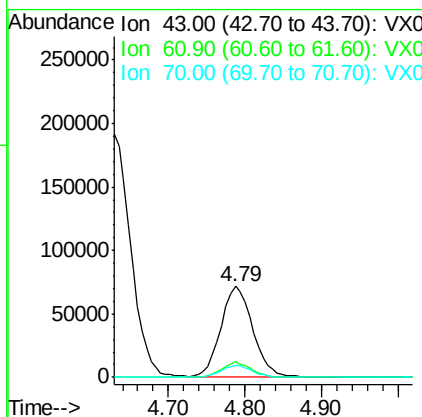
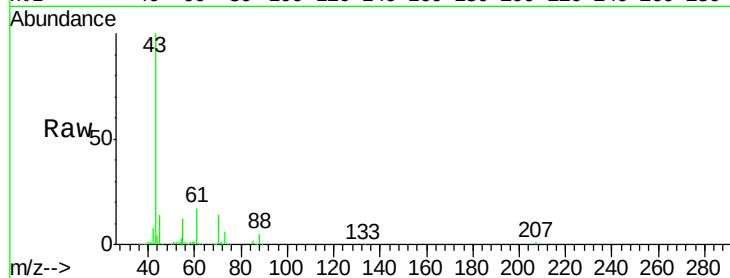
#37
Ethyl Acetate
Concen: 45.277 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	43	Resp	207116
Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.7	17.5
70	12.9	9.3	13.9

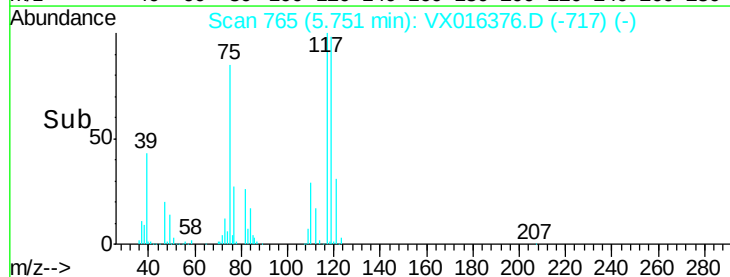
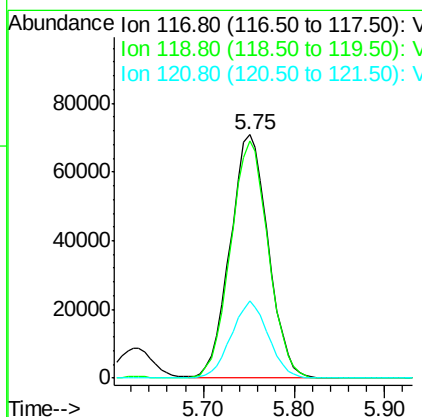
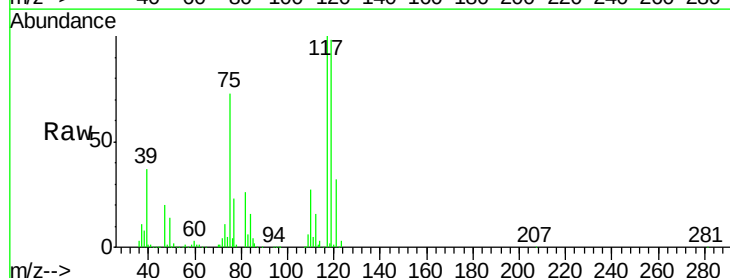
Manual Integrations
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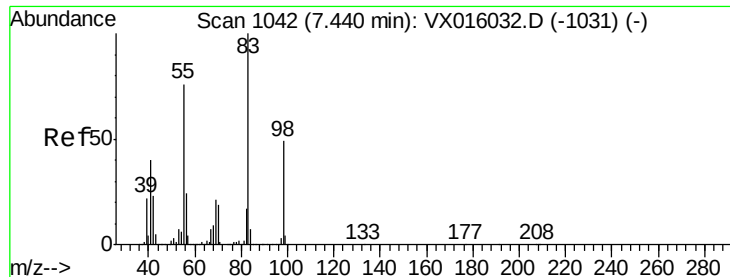
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#38
Carbon Tetrachloride
Concen: 51.343 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	117	Resp	205968
Ion	Ratio	Lower	Upper
117	100		
119	97.6	80.3	120.5
121	31.6	25.7	38.5





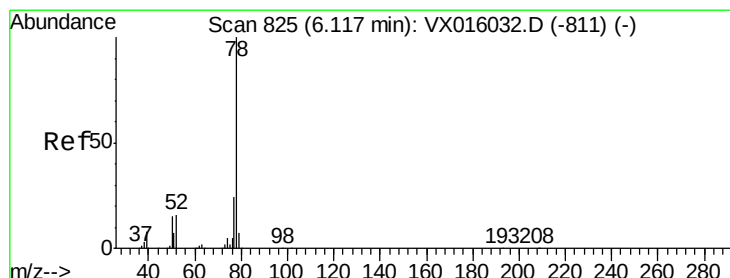
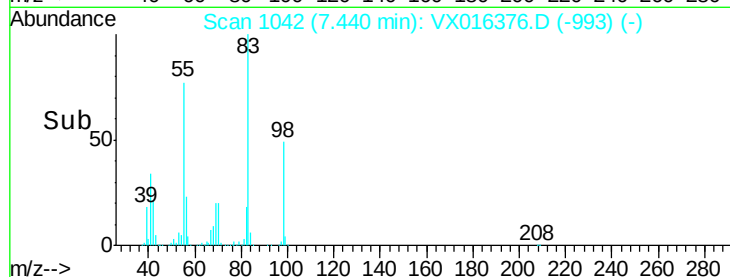
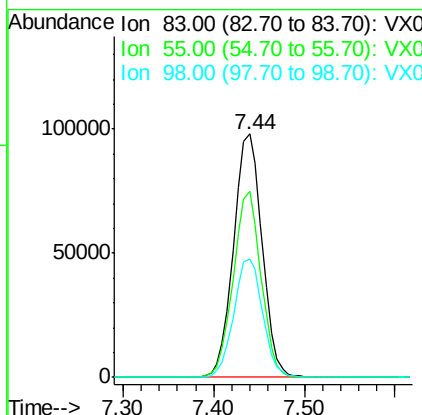
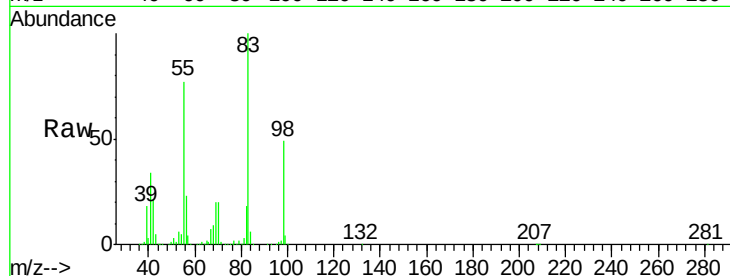
#39
Methylvlcyclohexane
Concen: 45.057 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.1	91.7
98	48.7	39.0	58.4

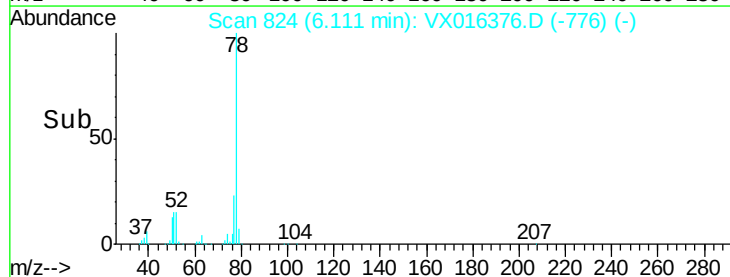
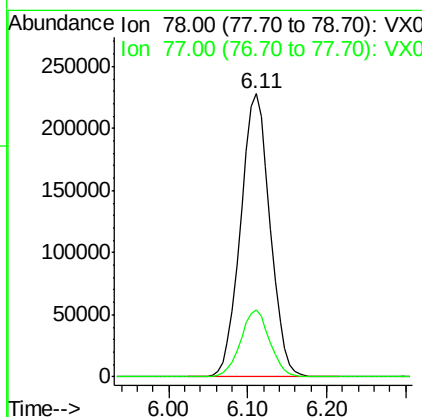
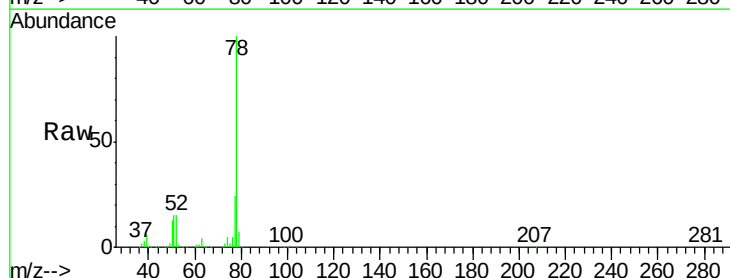
Manual Integrations
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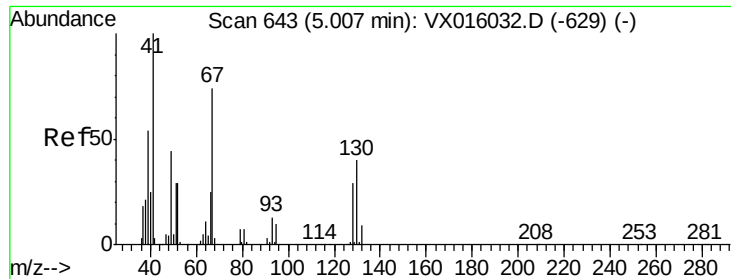
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#40
Benzene
Concen: 51.249 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





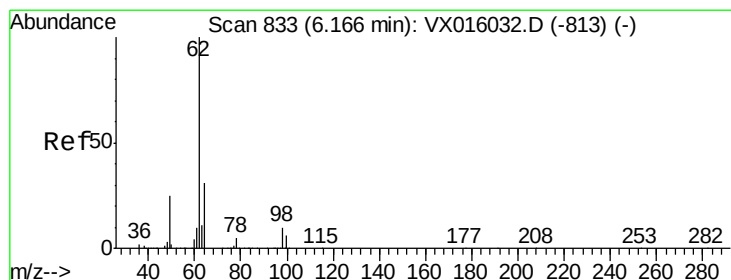
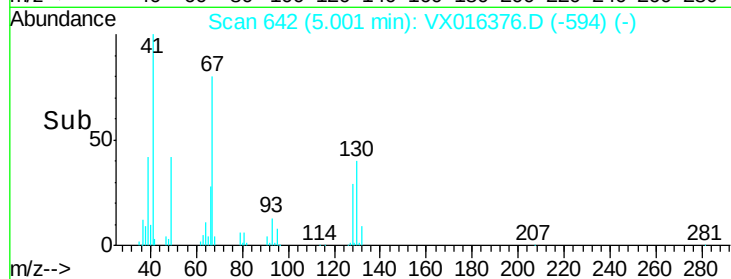
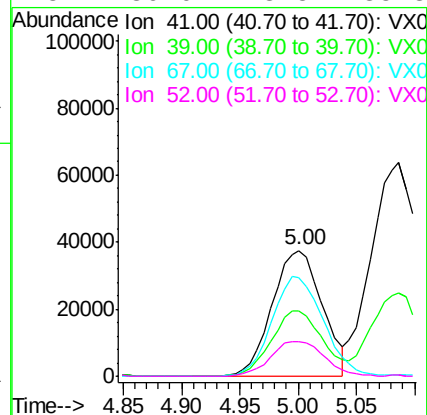
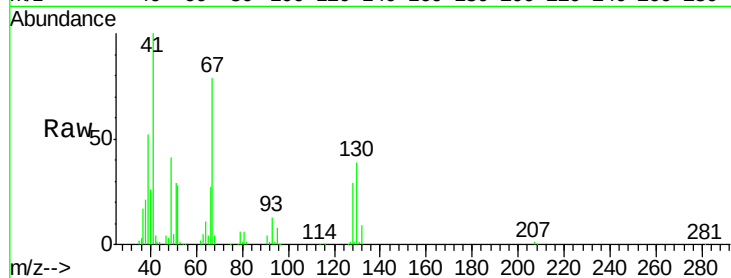
#41
Methacrylonitrile
Concen: 45.293 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		111892		
39	54.3	43.2	64.8		
67	81.9	59.3	88.9		
52	30.0	23.5	35.3		

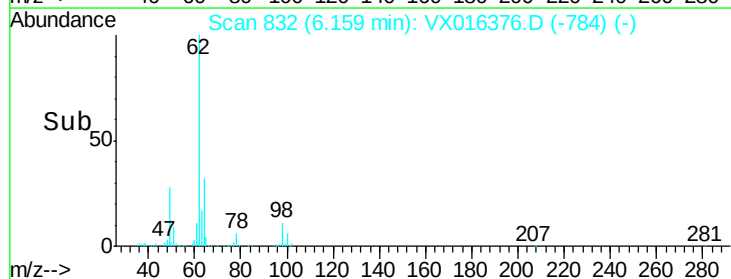
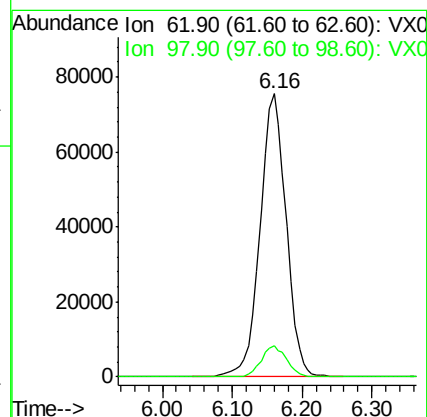
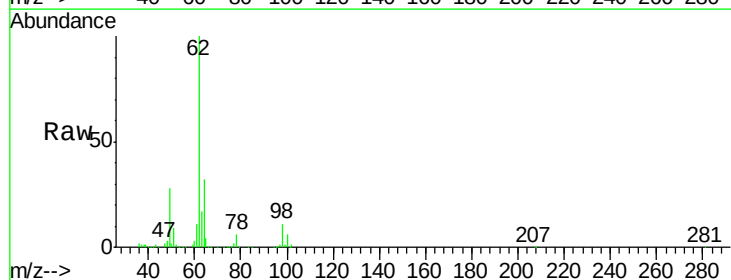
Manual Integrations
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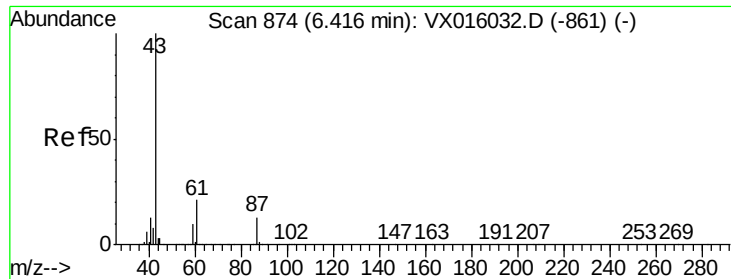
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#42
1,2-Dichloroethane
Concen: 47.053 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		195741		
98	10.7	0.0	19.4		





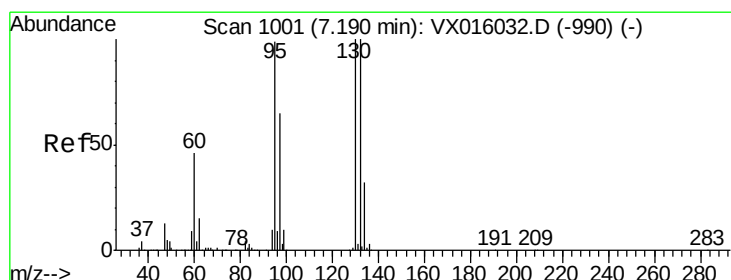
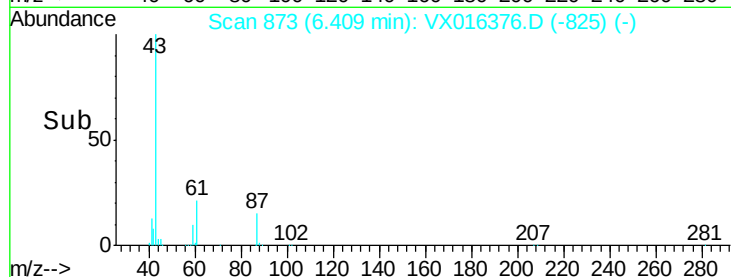
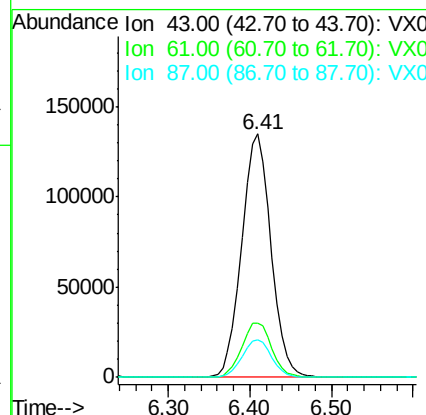
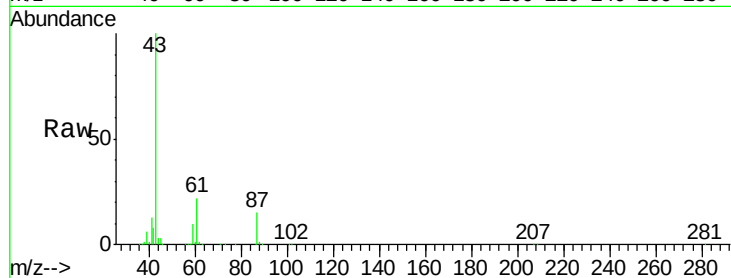
#43
Isopropyl Acetate
Concen: 45.795 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	334238		
61	23.1		17.0	25.4
87	15.6		11.0	16.6

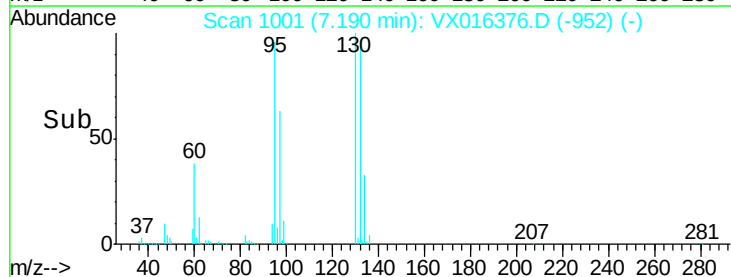
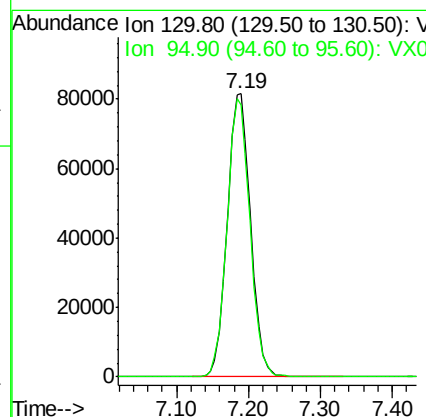
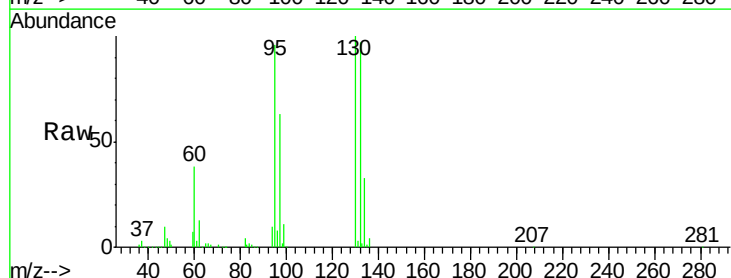
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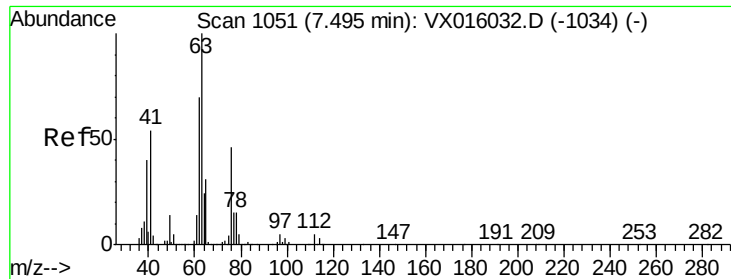
MMDadoda
5/22/2020 4:02:51 PM



#44
Trichloroethene
Concen: 44.845 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	183979		
95	95.9		0.0	197.4





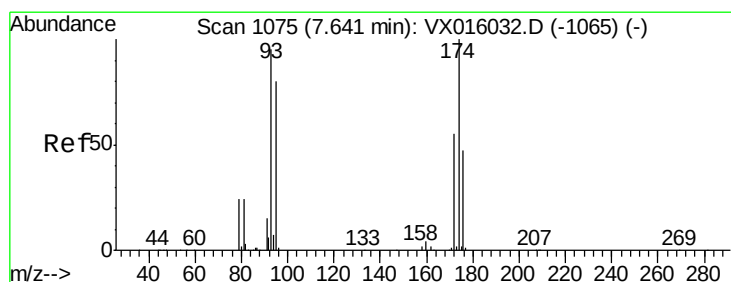
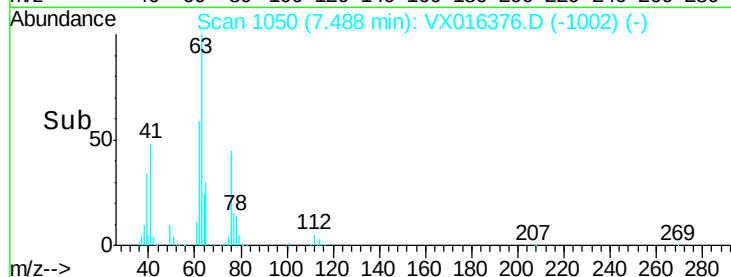
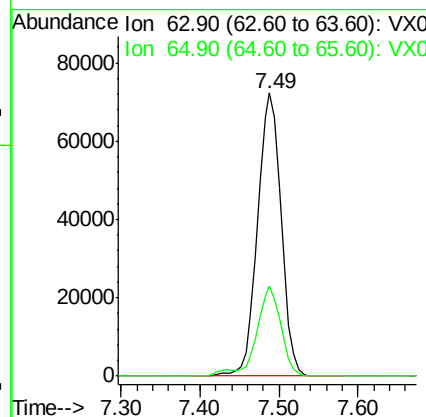
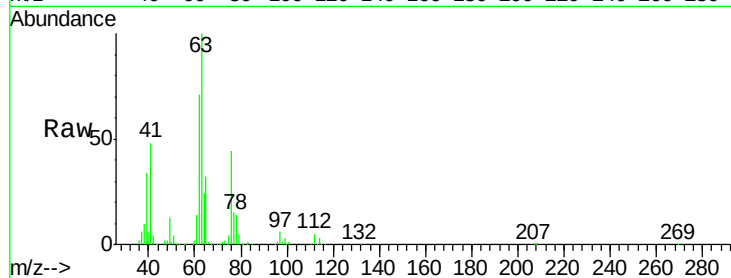
#45
 1,2-Dichloropropane
 Concen: 51.503 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
63	100	150495		
65	31.7		24.4	36.6

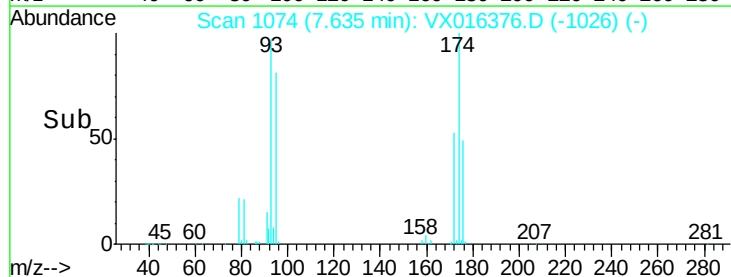
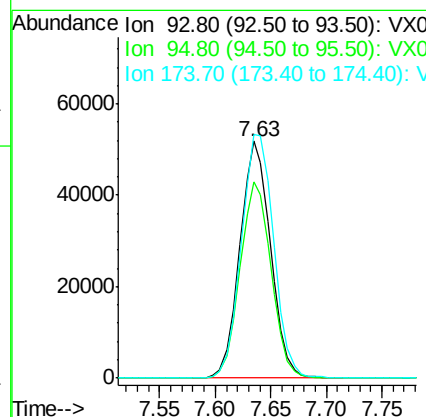
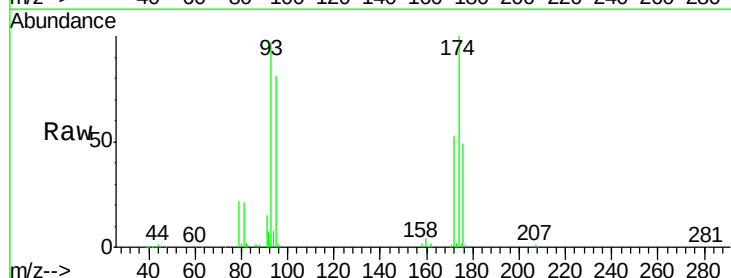
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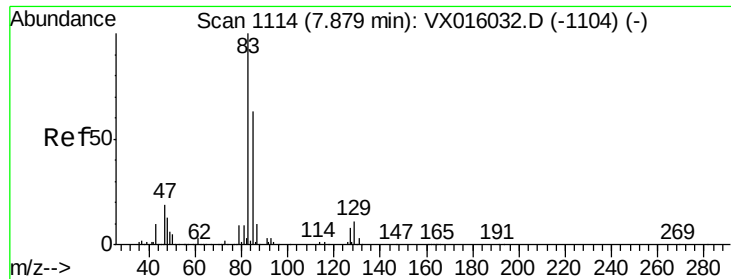
MMDadoda
 5/22/2020 4:02:51 PM



#46
 Dibromomethane
 Concen: 49.753 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	98796		
95	84.4		66.6	100.0
174	109.0		84.2	126.4





#47

Bromodichloromethane

Concen: 51.847 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Instrument :

MSVOA_X

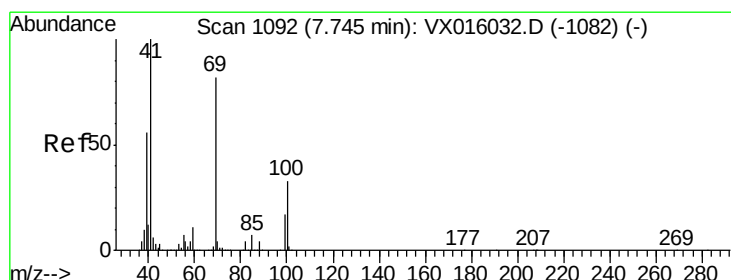
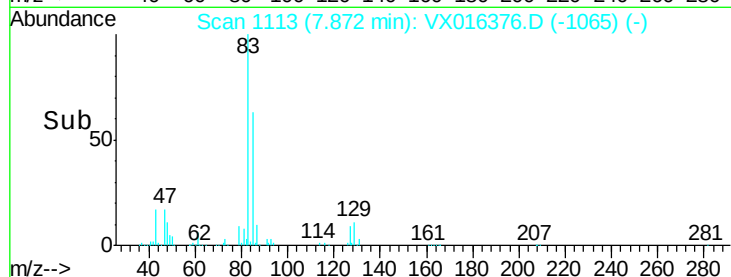
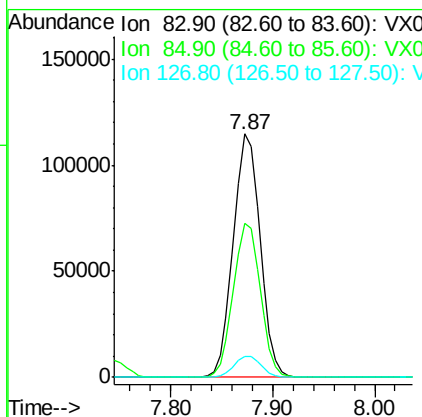
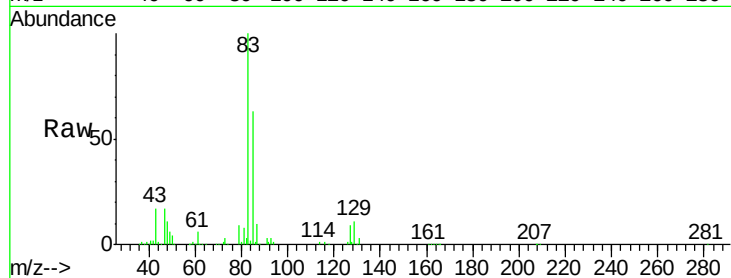
ClientSampled :

VSTDCCC050

Tot Ion	83	Resp	209682
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.5	75.7
127	8.7	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.876 ug/l

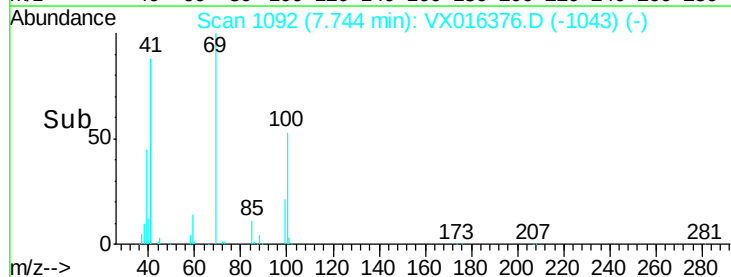
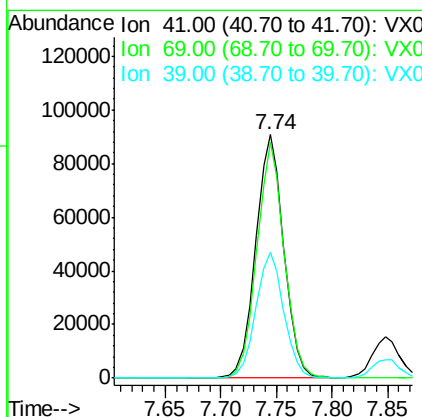
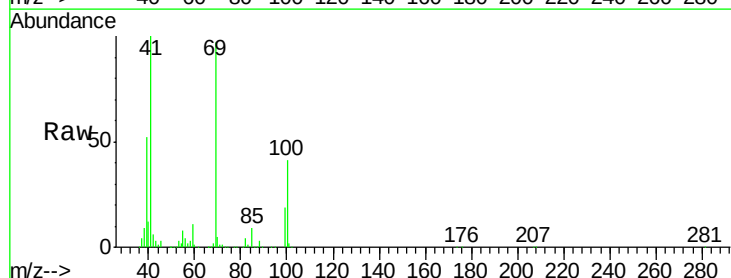
RT: 7.74 min Scan# 1092

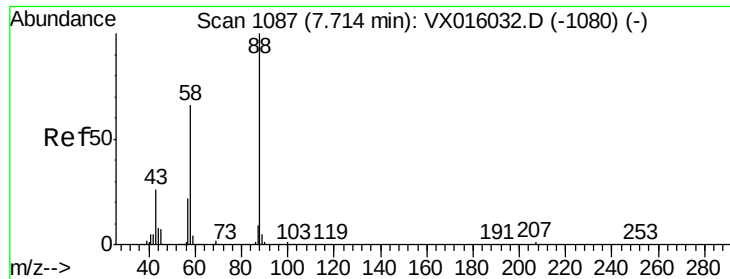
Delta R.T. -0.00 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Tgt Ion	41	Resp	158658
Ion Ratio	Lower	Upper	
41	100		
69	95.2	67.8	101.6
39	51.6	44.6	67.0





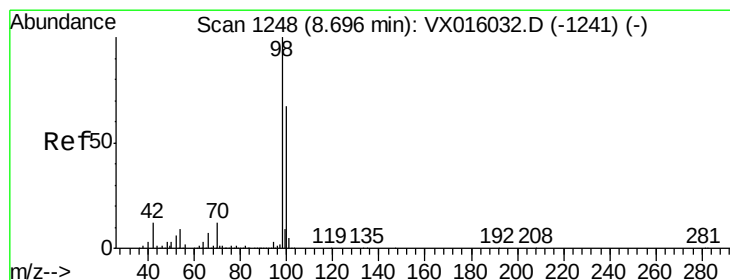
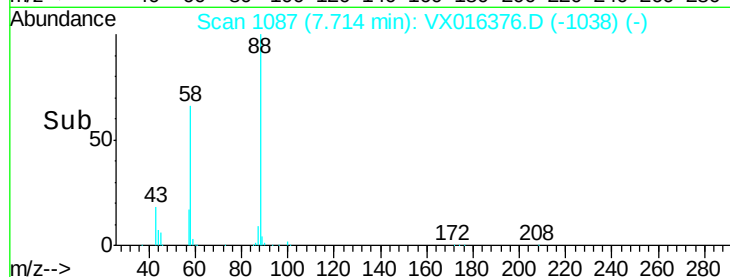
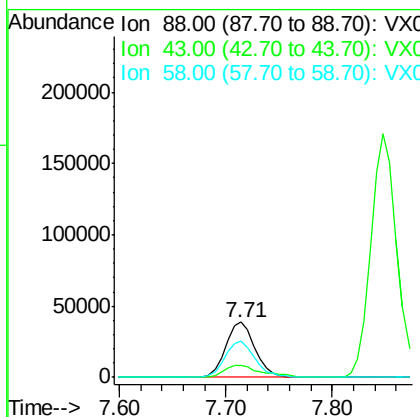
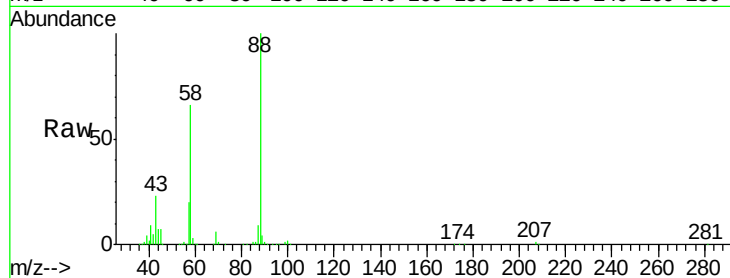
#49
 1,4-Dioxane
 Concen: 892.193 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.7	25.3	37.9
58	68.0	55.9	83.9

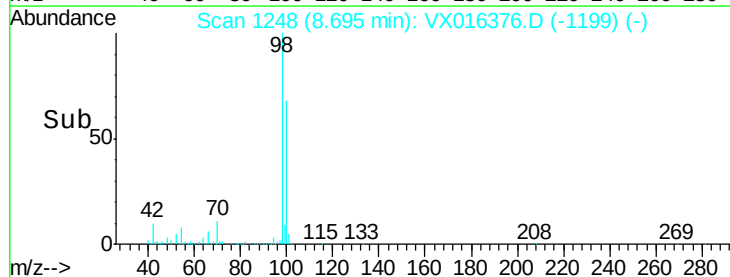
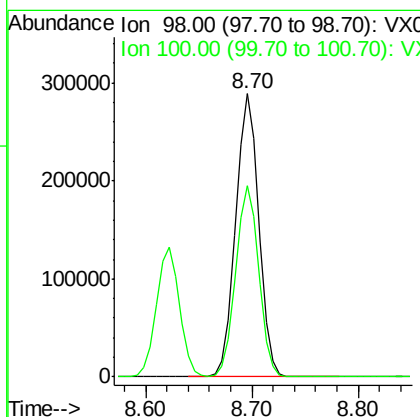
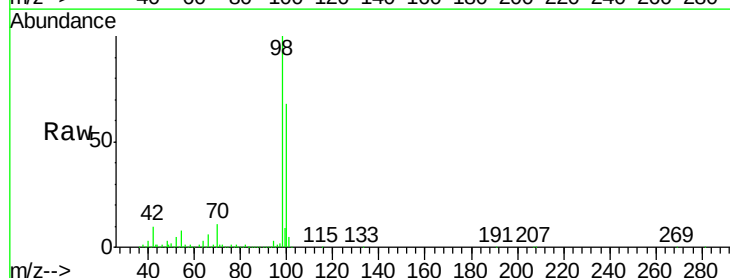
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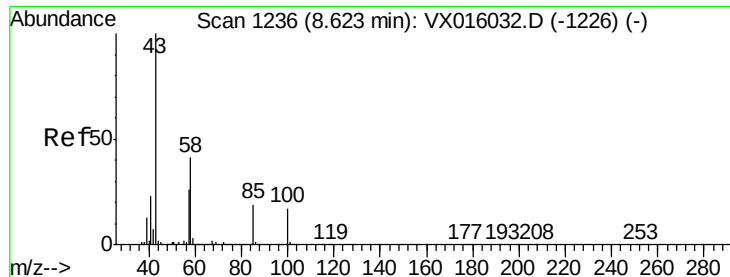
MMDadoda
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#50
 Toluene-d8
 Concen: 45.051 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 234.673 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1048133

Ion Ratio Lower Upper

43 100

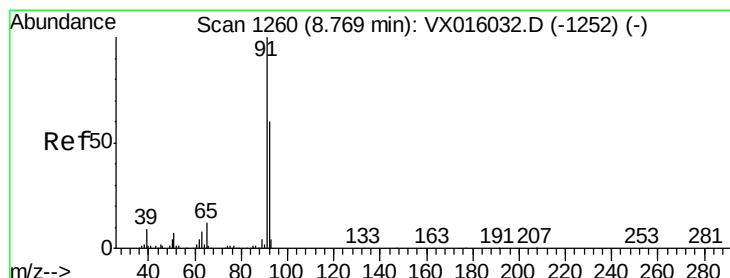
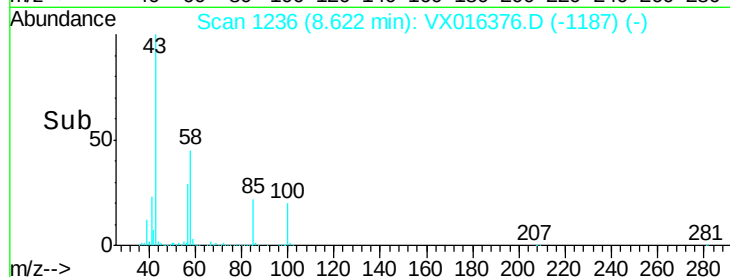
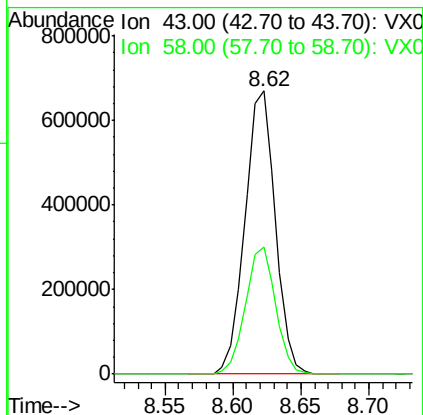
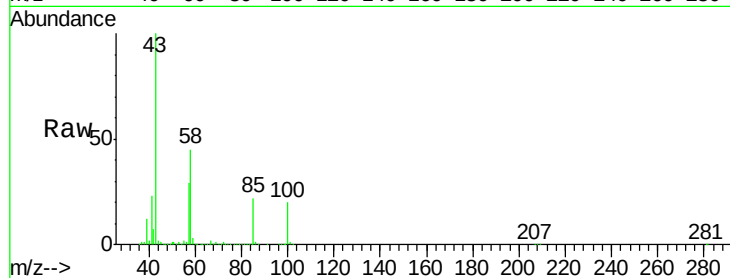
58 44.5 33.0 49.4

Manual Integrations

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#52

Toluene

Concen: 53.294 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016376.D

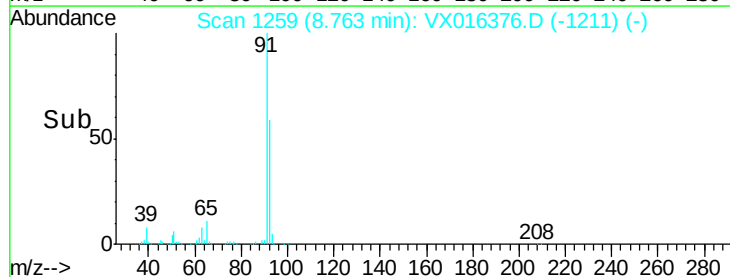
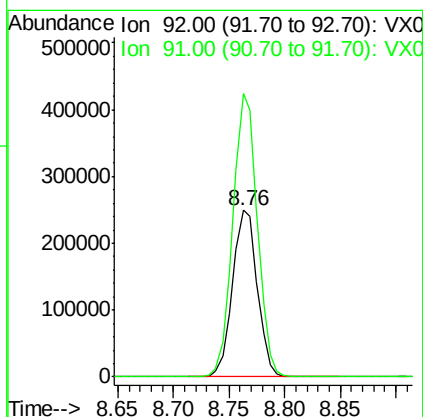
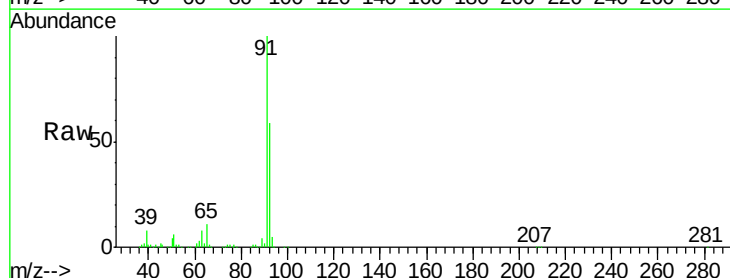
Acq: 21 May 2020 11:53

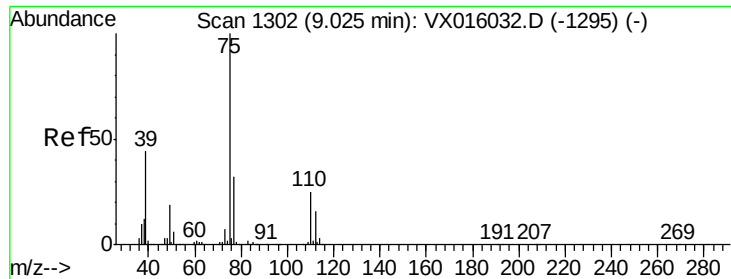
Tgt Ion: 92 Resp: 383614

Ion Ratio Lower Upper

92 100

91 167.9 134.5 201.7





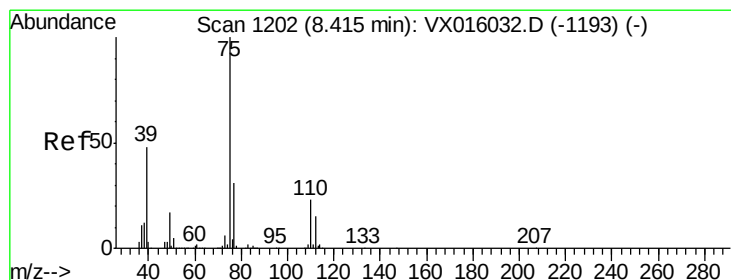
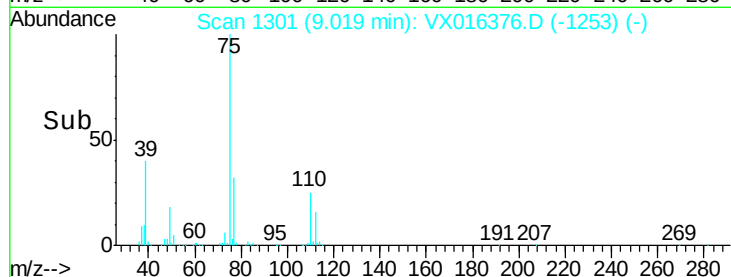
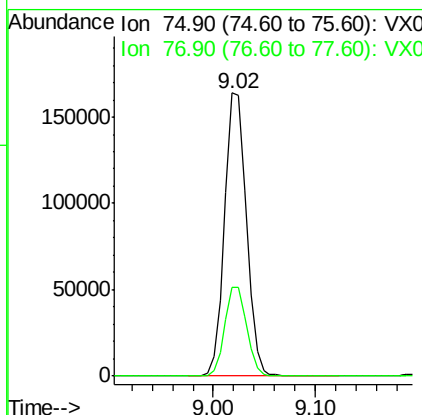
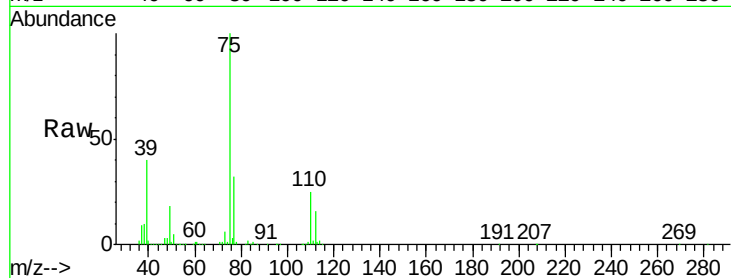
#53
t-1,3-Dichloropropene
Concen: 50.611 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.7	38.5

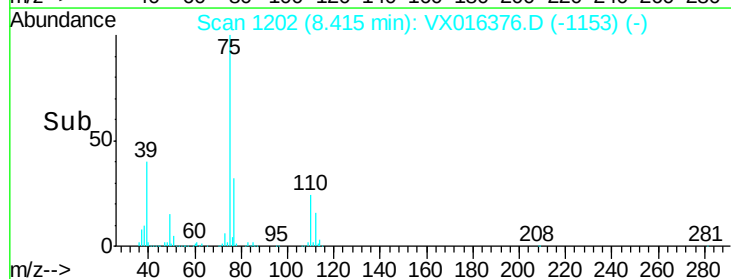
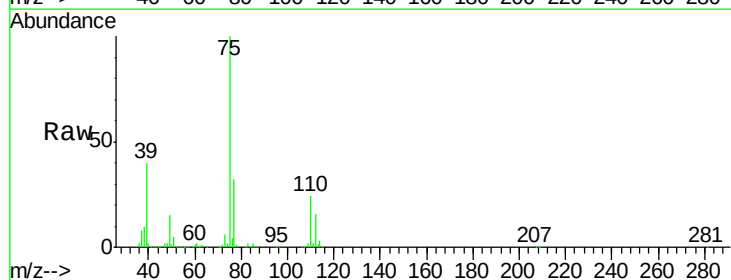
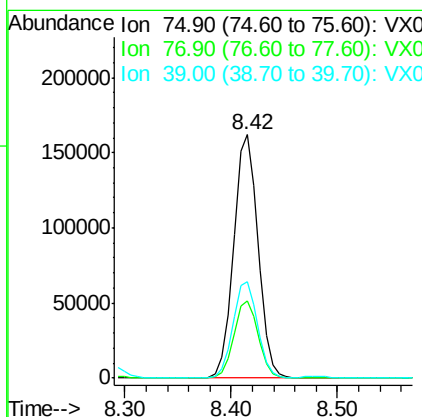
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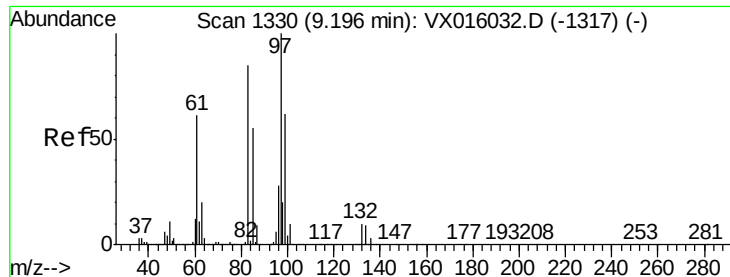
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.591 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.7	37.1
39	39.6	38.7	58.1





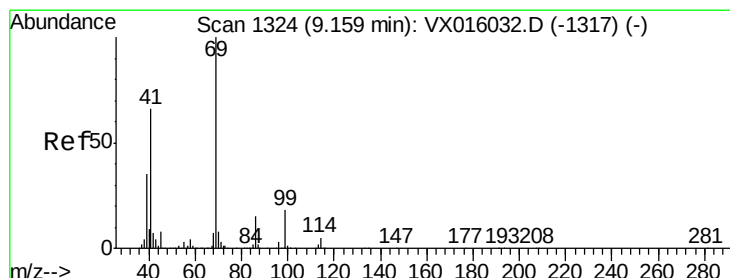
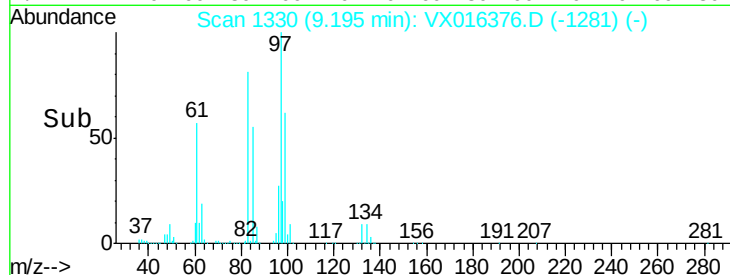
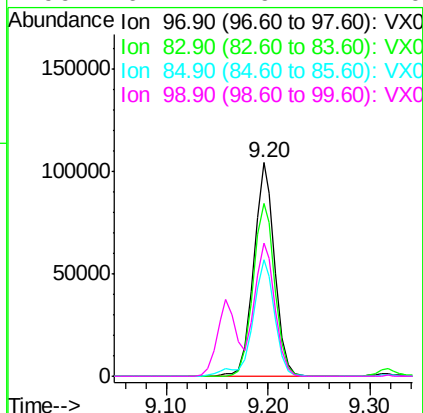
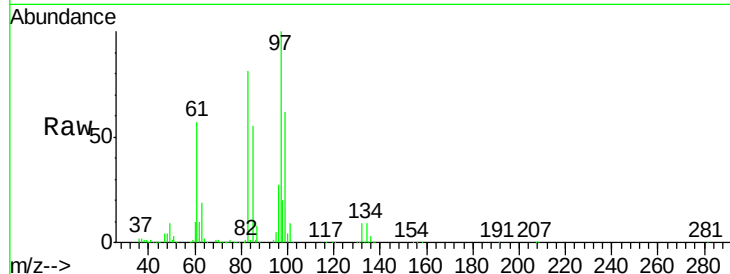
#55
 1,1,2-Trichloroethane
 Concen: 53.047 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		150228		
83	81.0	67.8	101.8		
85	54.6	43.8	65.8		
99	62.1	49.4	74.0		

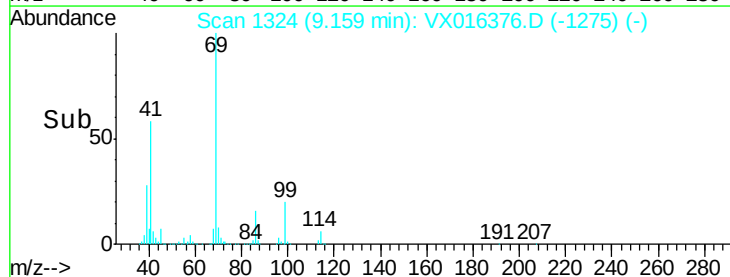
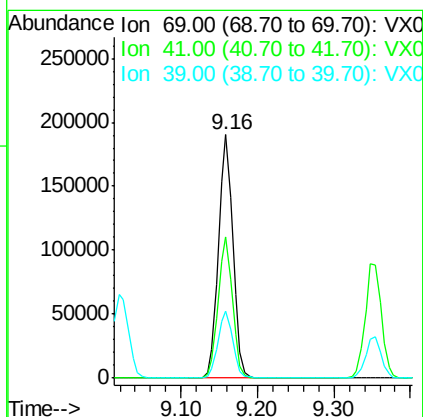
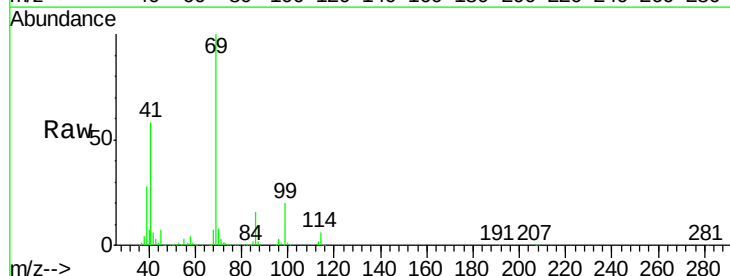
Manual Integrations
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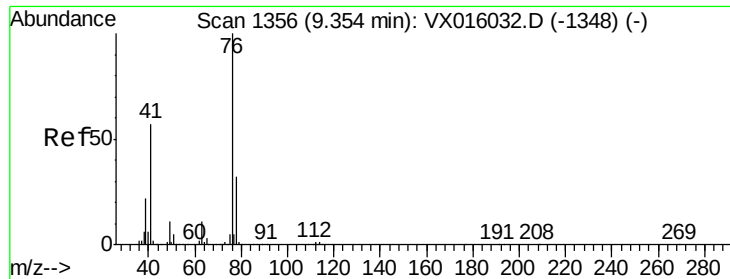
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#56
 Ethyl methacrylate
 Concen: 53.749 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		248465		
41	57.4	52.2	78.4		
39	28.6	28.2	42.4		





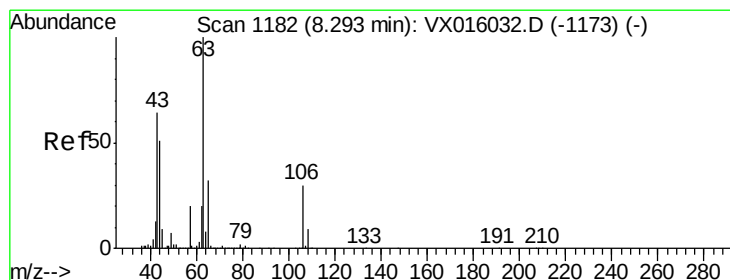
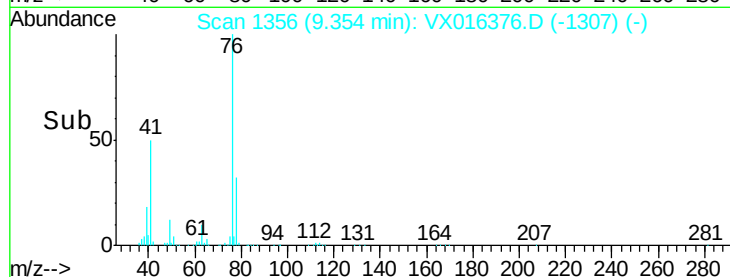
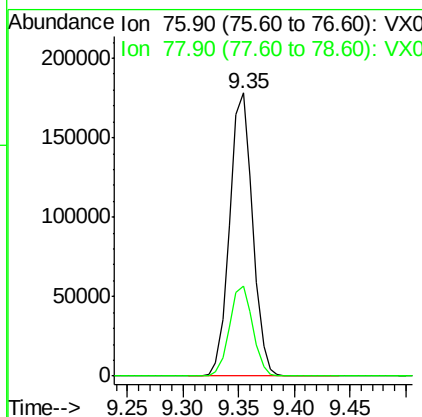
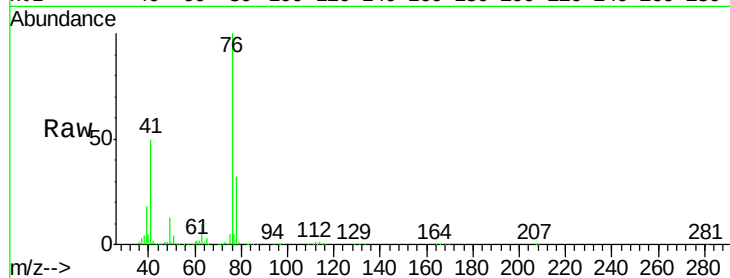
#57
 1,3-Dichloropropane
 Concen: 51.464 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9

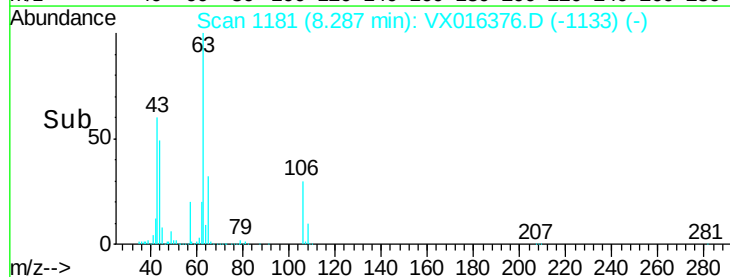
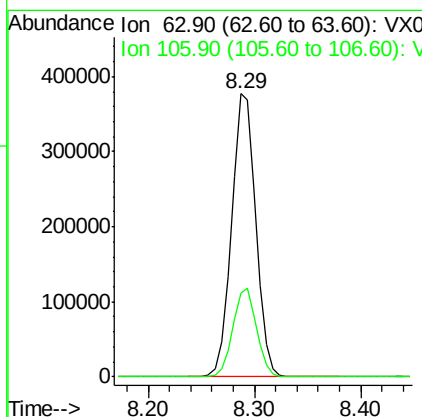
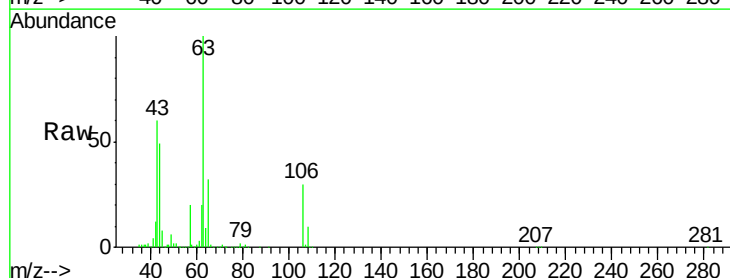
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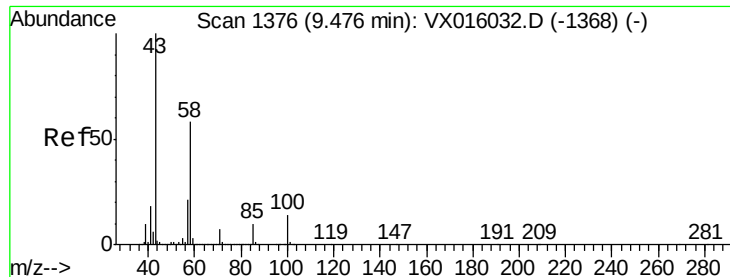
MMDadoda
 5/22/2020 4:02:51 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.356 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	23.4	35.2





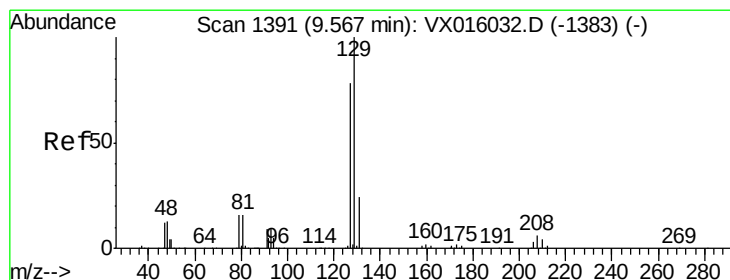
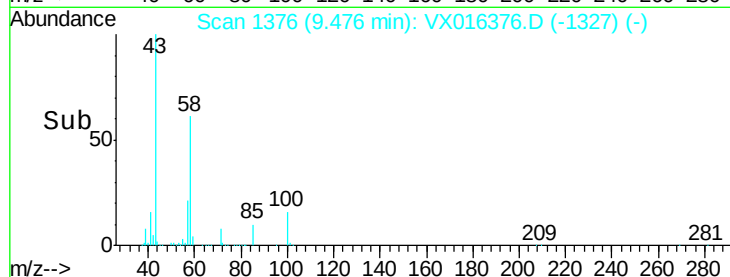
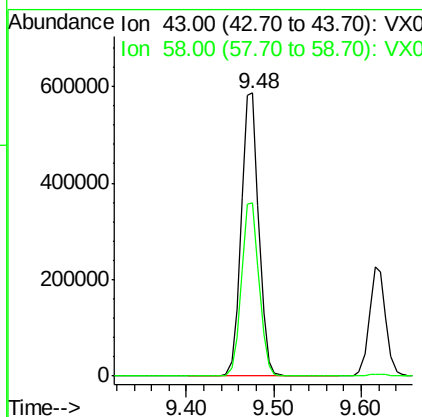
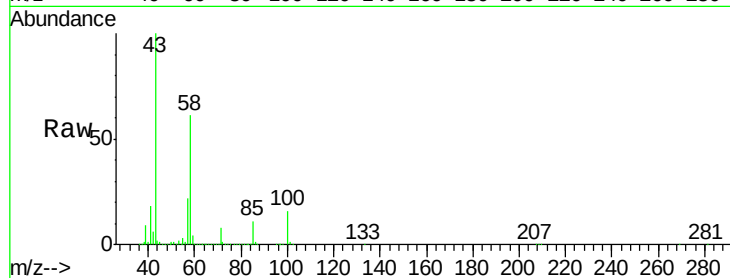
#59
2-Hexanone
Concen: 234.363 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 822035
Ion Ratio Lower Upper
43 100
58 61.6 28.6 85.9

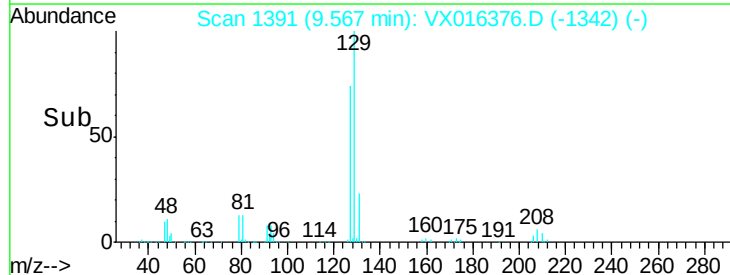
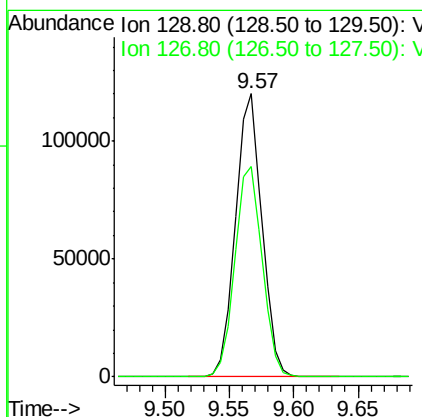
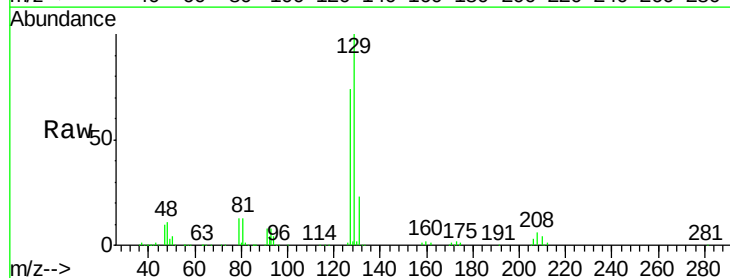
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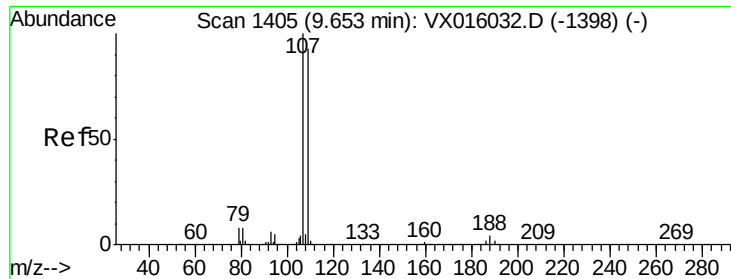
MMDadoda
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#60
Dibromochloromethane
Concen: 55.015 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion: 129 Resp: 171592
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.218 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Instrument :

MSVOA_X

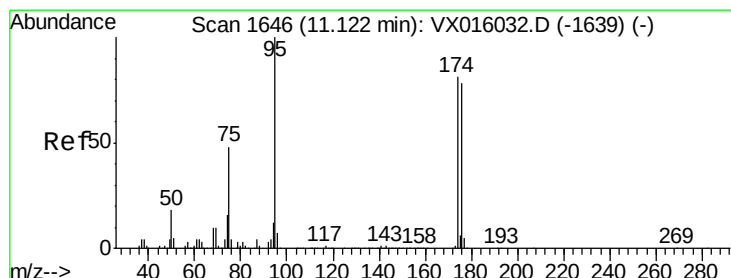
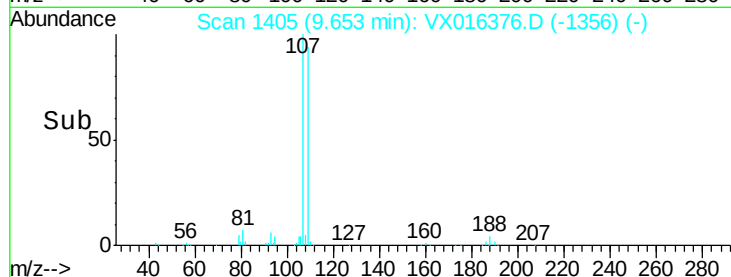
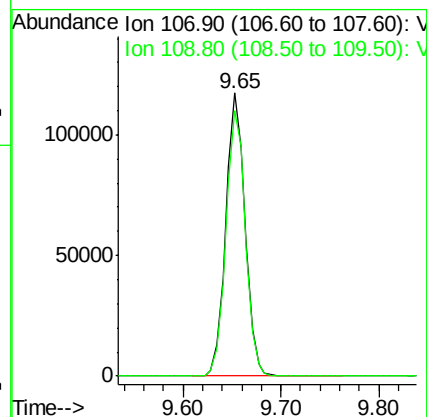
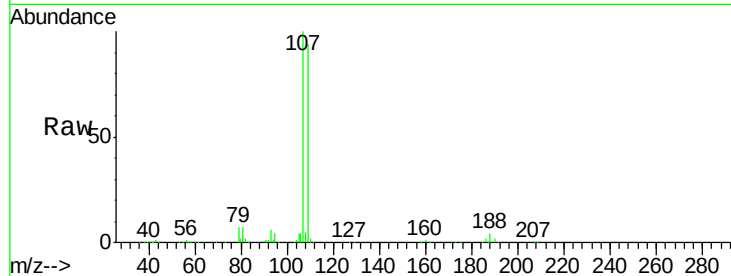
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	160183		
109	94.9	74.9	112.3	

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 46.260 ug/l

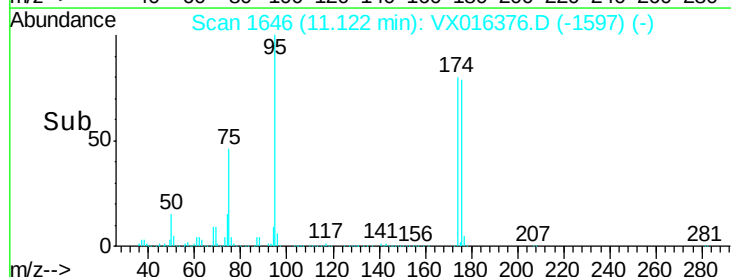
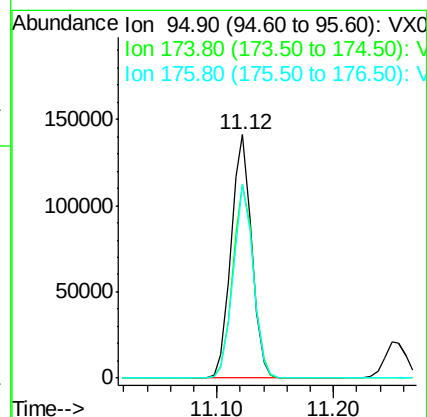
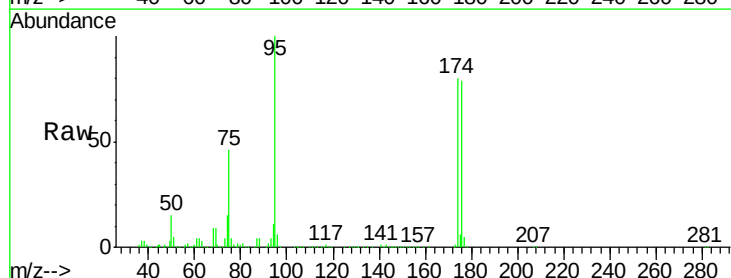
RT: 11.12 min Scan# 1646

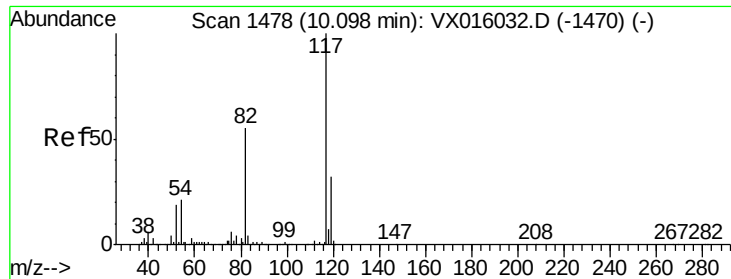
Delta R.T. -0.00 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	172211		
174	81.0	0.0	159.4	
176	78.0	0.0	157.6	





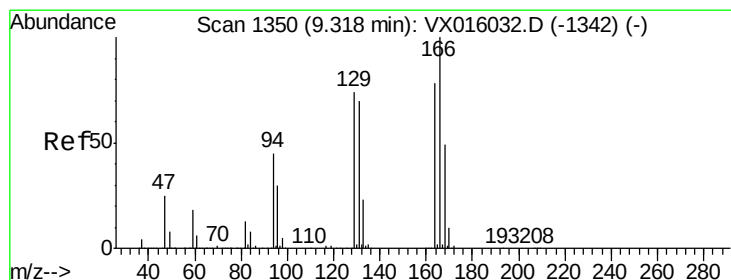
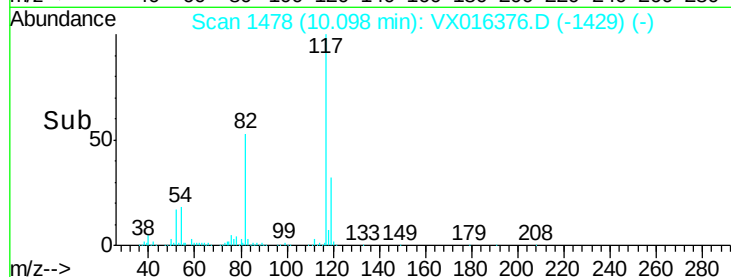
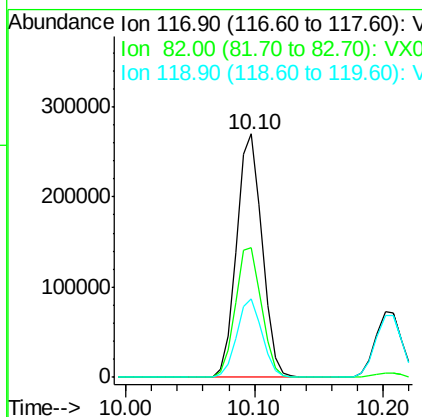
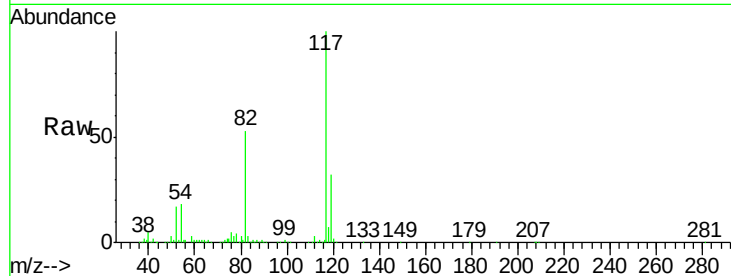
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	370095		
82	53.3	44.4	66.6	
119	32.0	25.5	38.3	

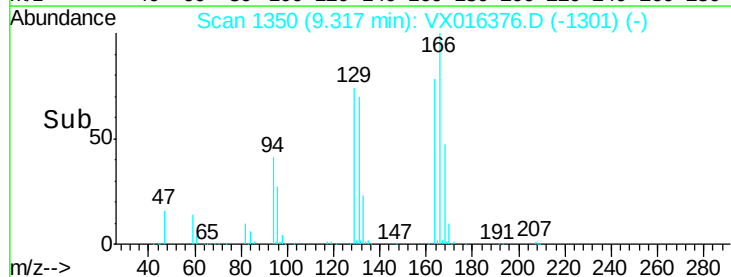
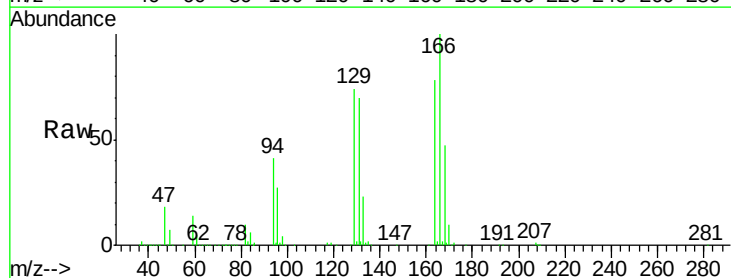
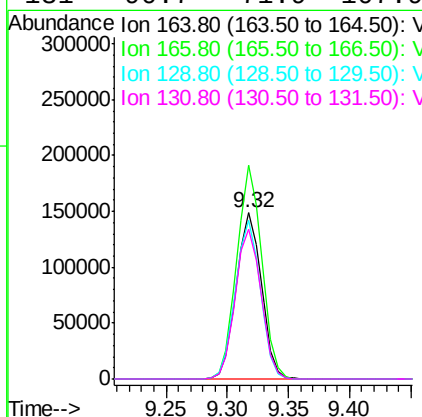
Manual Integrations
APPROVED

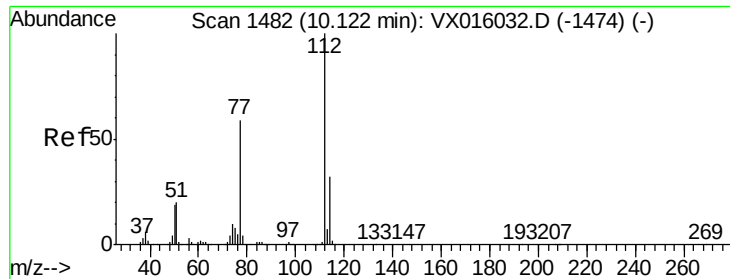
MMDadoda
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#64
Tetrachloroethene
Concen: 46.534 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	211420		
166	128.8	102.9	154.3	
129	95.5	76.1	114.1	
131	90.7	71.9	107.9	





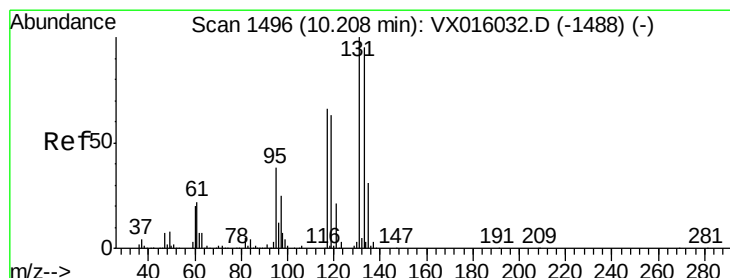
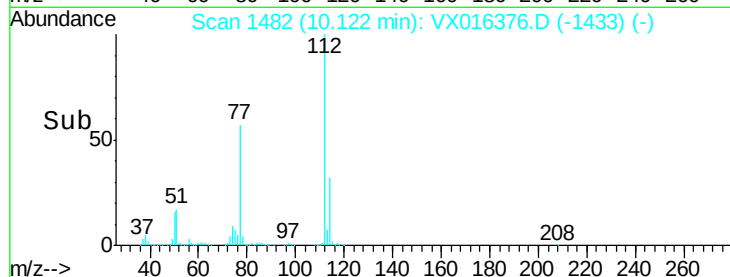
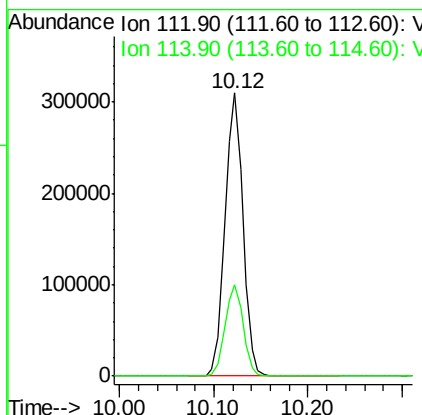
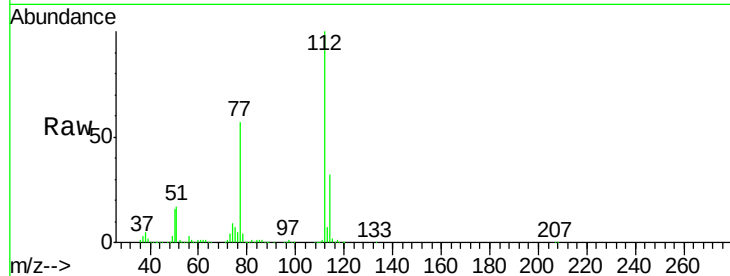
#65
Chlorobenzene
Concen: 52.722 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	408563		
114	32.2	25.7	38.5	

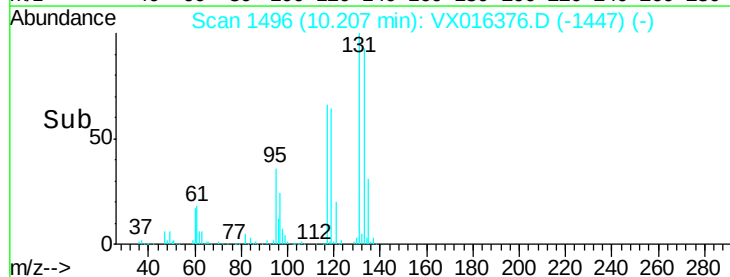
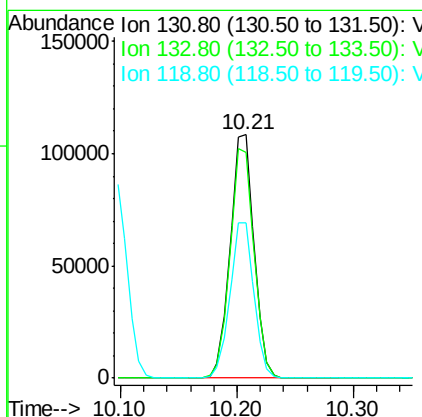
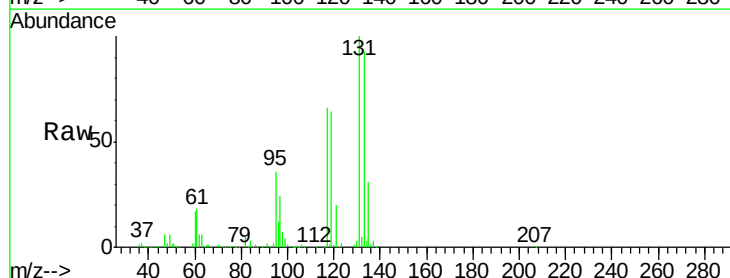
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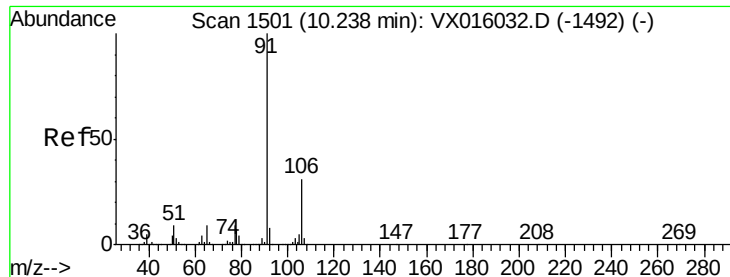
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.064 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	154853		
133	95.0	48.3	144.8	
119	64.0	32.3	96.9	





#67

Ethyl Benzene

Concen: 52.385 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 724317

Ion Ratio Lower Upper

91 100

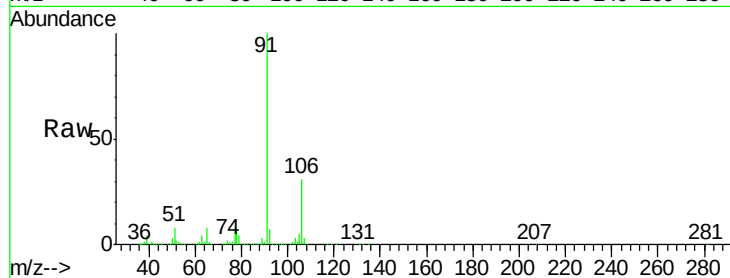
106 31.3 25.1 37.7

Manual Integrations

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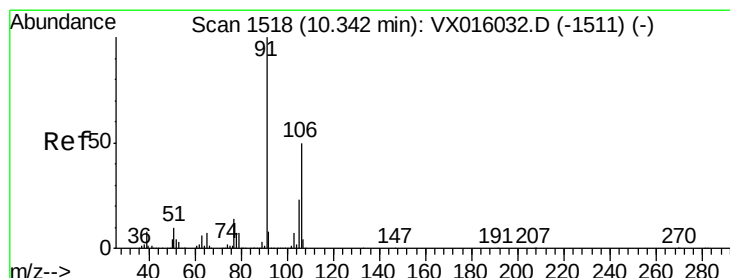
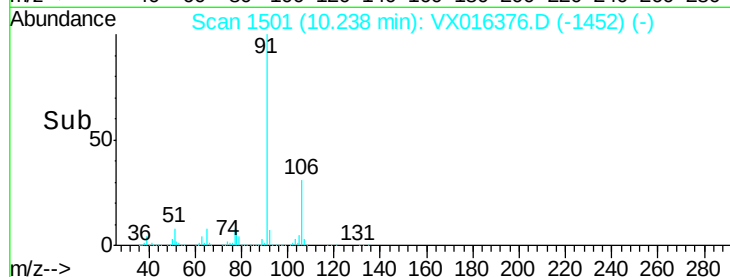
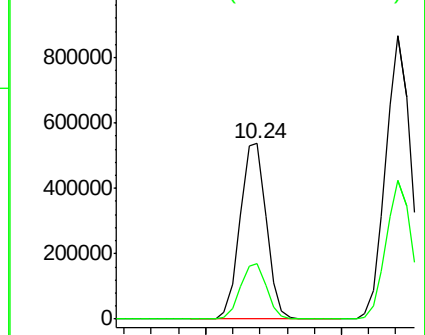
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 107.028 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016376.D

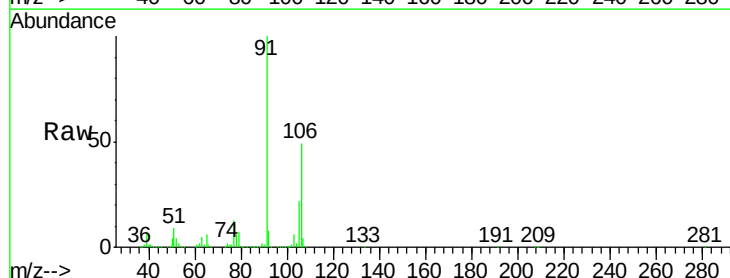
Acq: 21 May 2020 11:53

Tgt Ion: 106 Resp: 554445

Ion Ratio Lower Upper

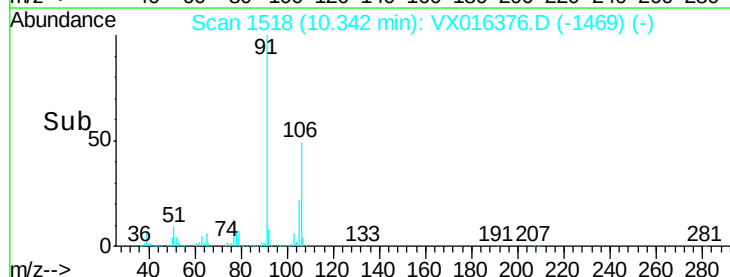
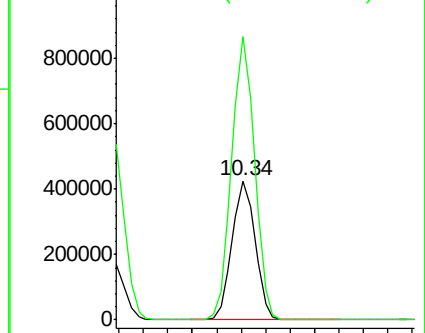
106 100

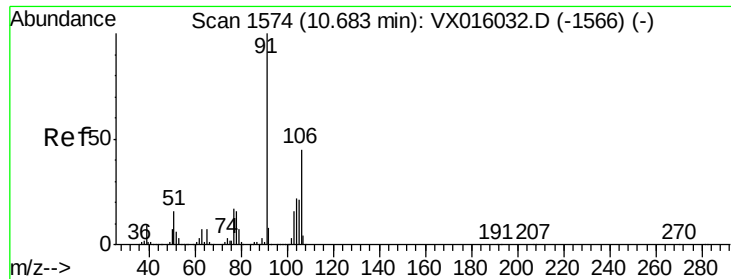
91 202.1 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





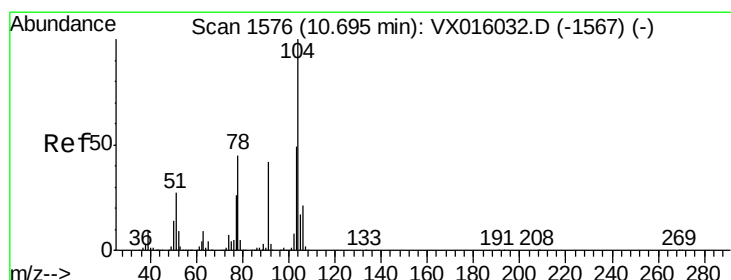
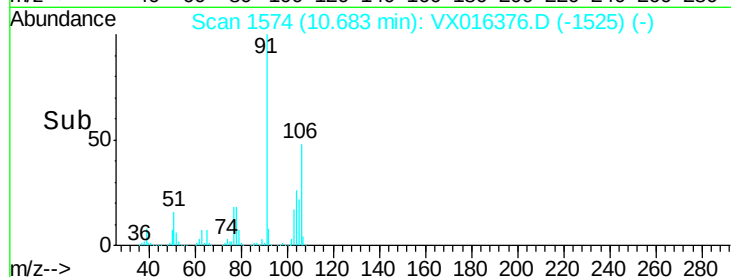
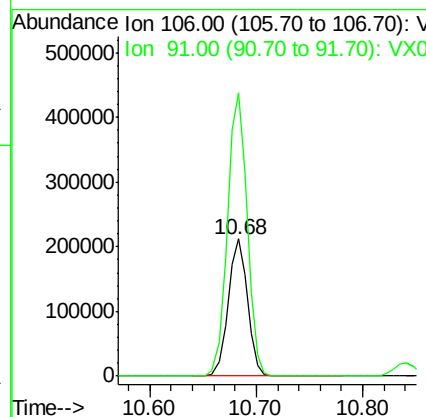
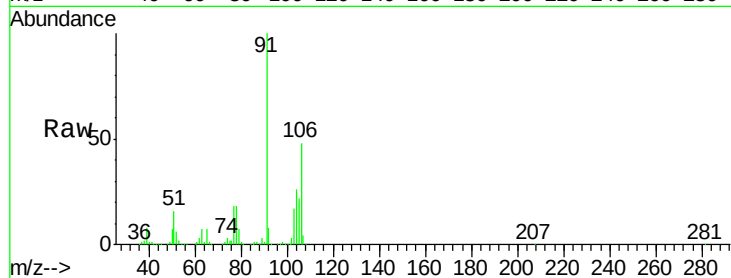
#69
o-Xylene
Concen: 53.968 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	268739		
91	91	211.4	107.5	322.6	

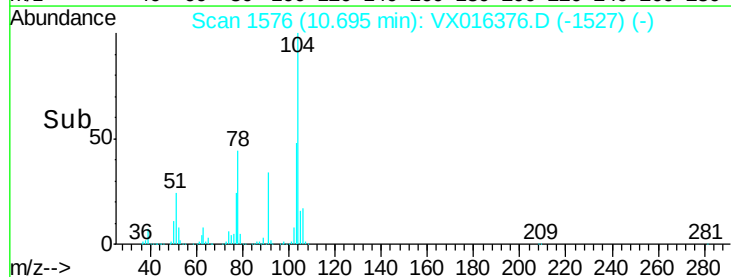
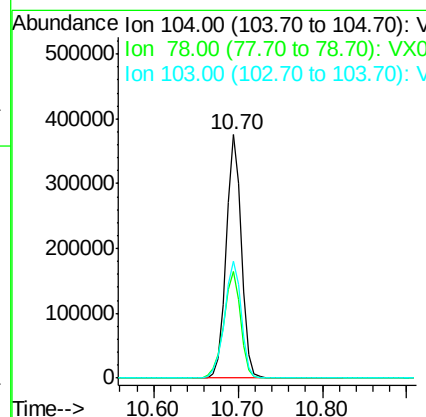
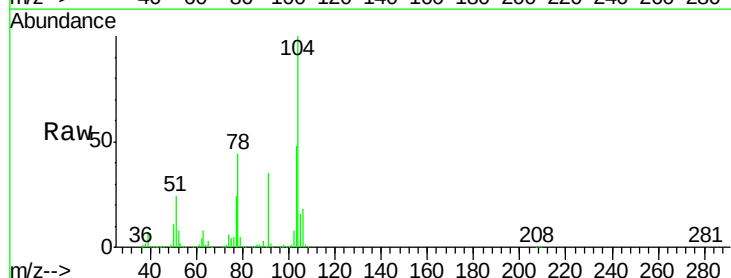
Manual Integrations
APPROVED

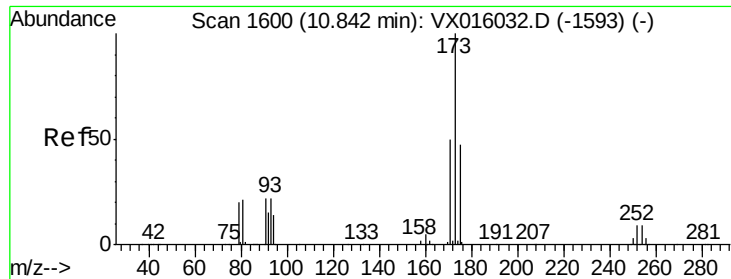
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#70
Styrene
Concen: 55.584 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	469566		
78	78	48.5	40.2	60.2	
103	103	53.0	43.0	64.6	





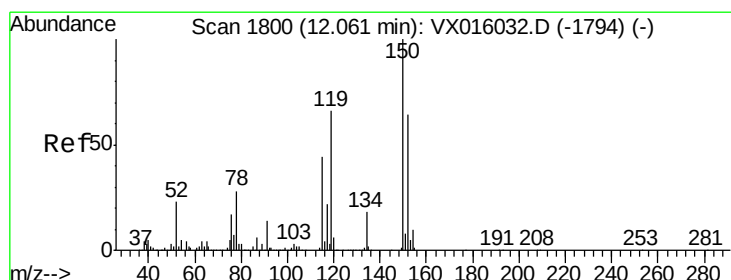
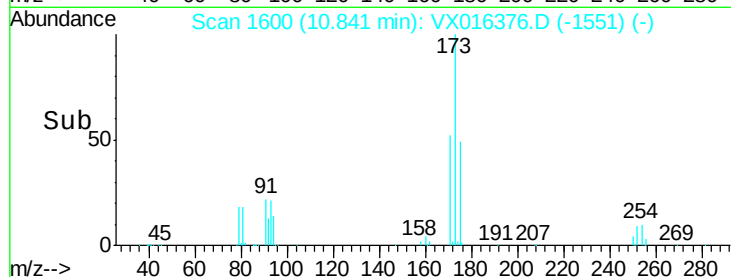
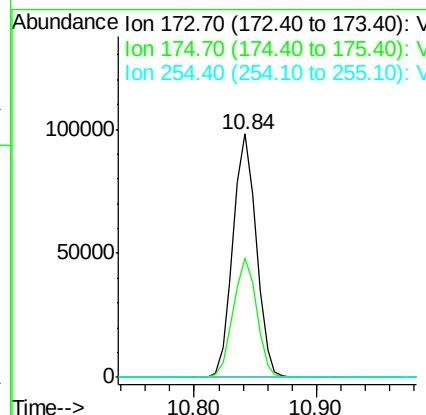
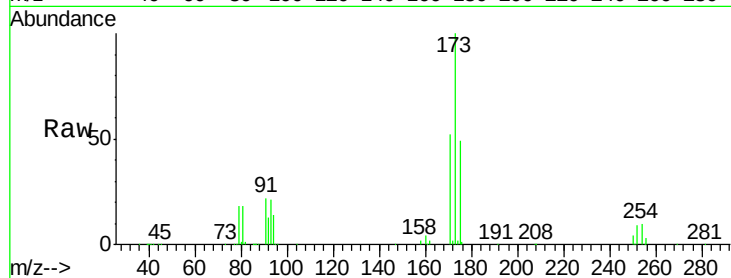
#71
Bromoform
Concen: 55.314 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.0	72.0
254	0.2	0.1	0.1#

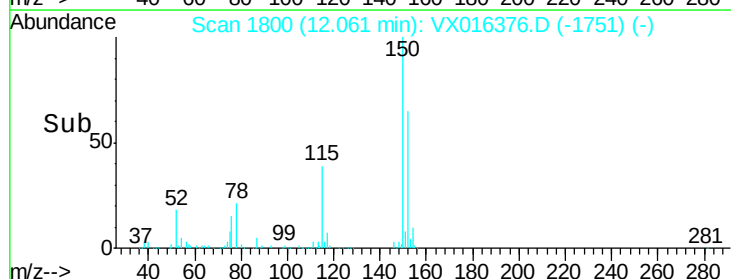
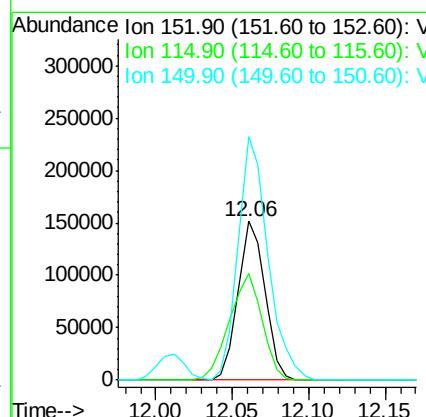
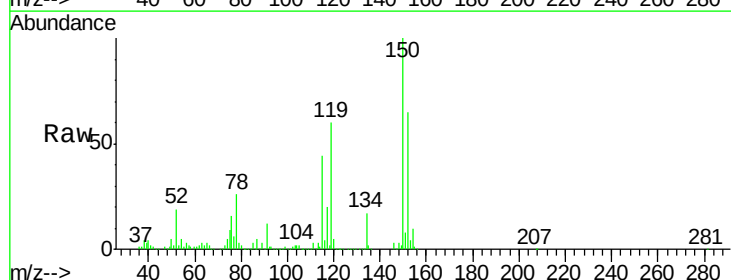
Manual Integrations
APPROVED

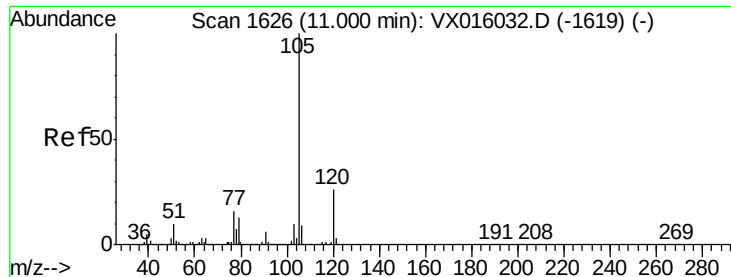
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.5	41.3	124.1
150	170.9	0.0	352.2





#73

Isopropylbenzene

Concen: 52.217 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 702862

Ion Ratio Lower Upper

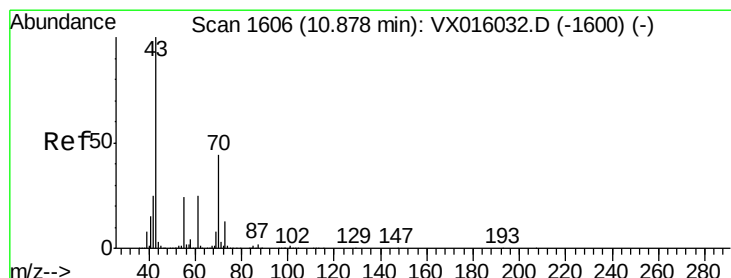
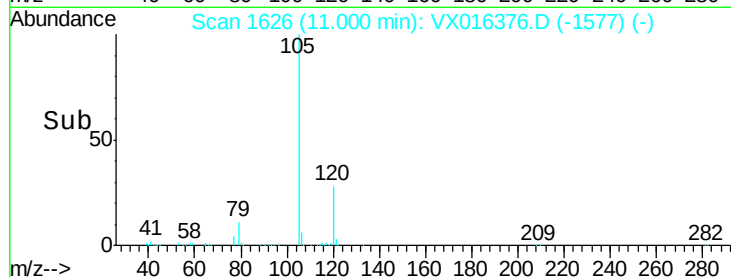
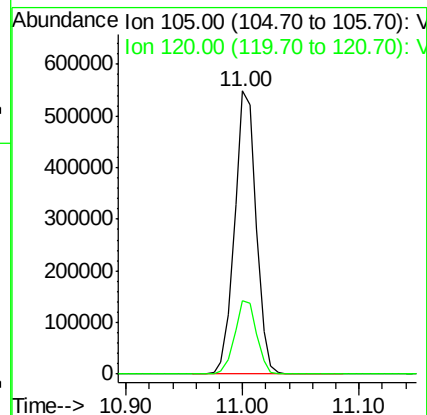
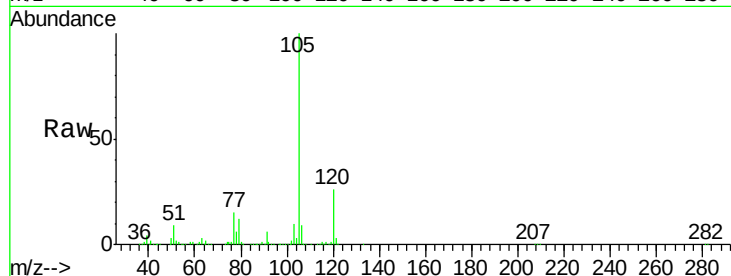
105 100

120 26.5 13.4 40.2

Manual Integrations
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#74

N-ethyl acetate

Concen: 46.884 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Tgt Ion: 43 Resp: 294360

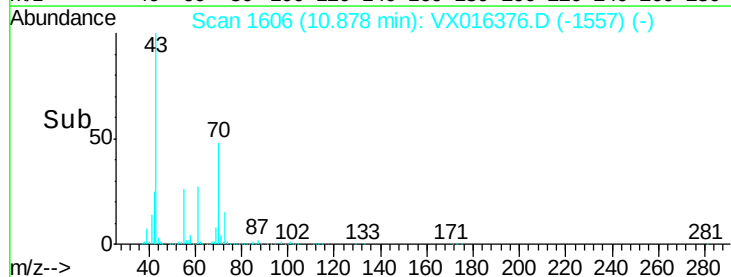
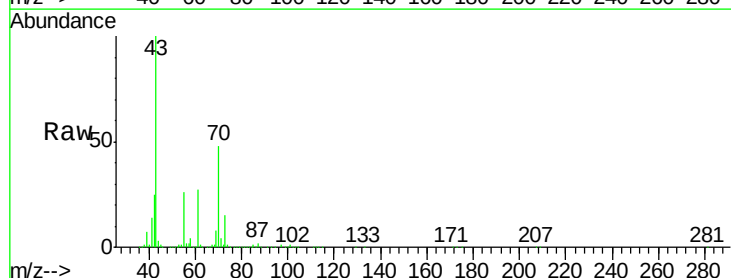
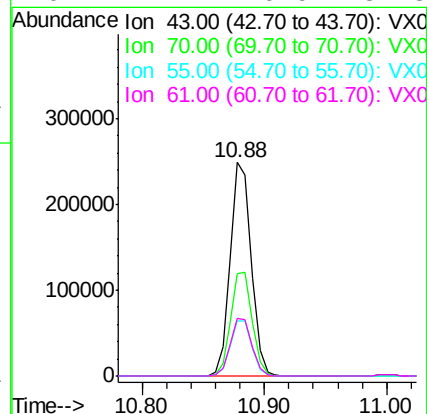
Ion Ratio Lower Upper

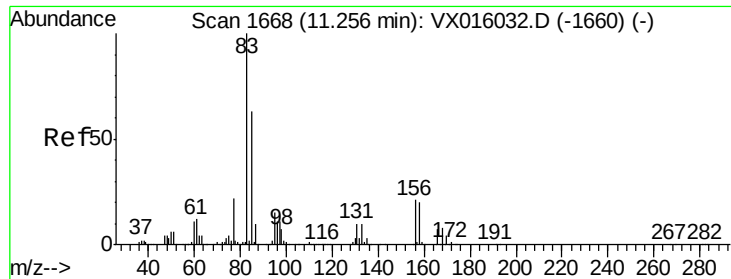
43 100

70 49.6 36.5 54.7

55 26.5 19.7 29.5

61 27.4 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 64.879 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Instrument :

MSVOA_X

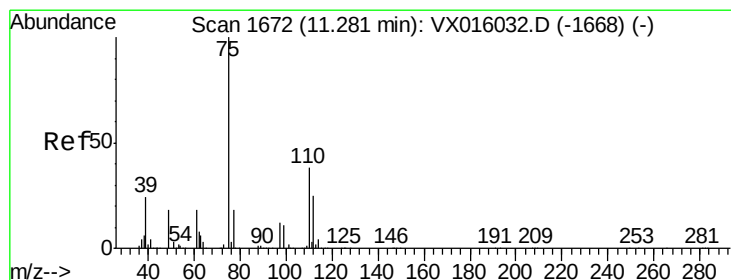
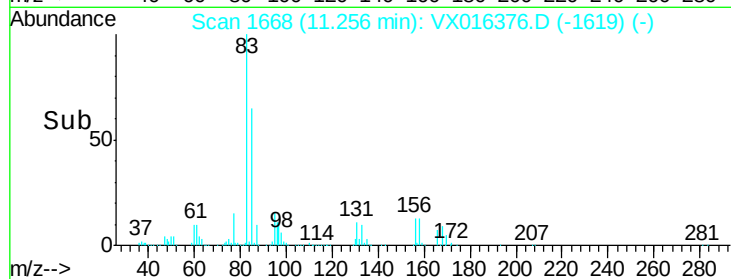
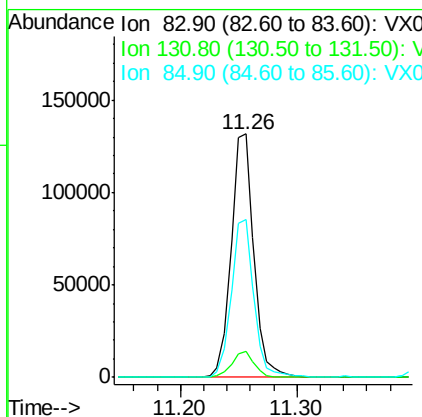
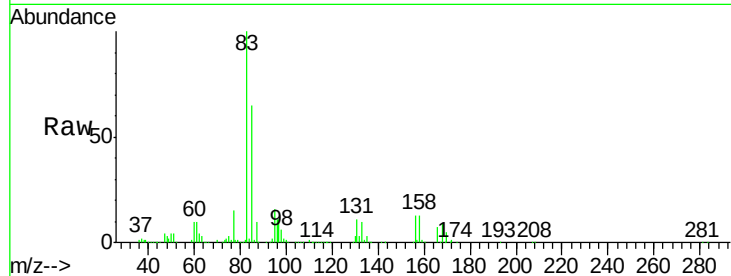
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	177964
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	64.7	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.344 ug/l m

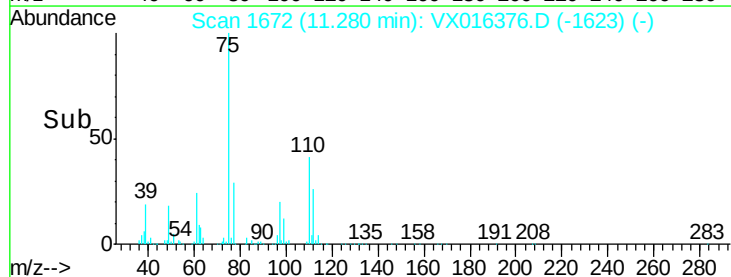
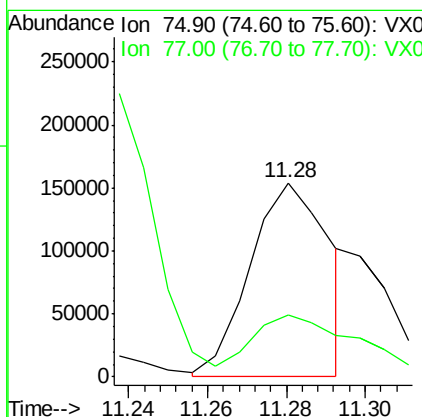
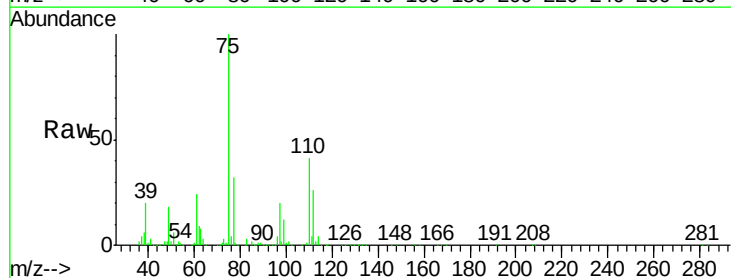
RT: 11.28 min Scan# 1672

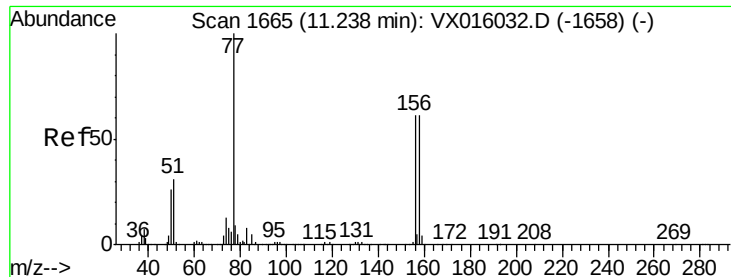
Delta R.T. -0.00 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Tgt Ion:	75	Resp:	215616
Ion Ratio	Lower	Upper	
75	100		
77	42.5	21.2	63.6





#77

Bromobenzene

Concen: 51.808 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016376.D

Acq: 21 May 2020 11:53

Instrument :

MSVOA_X

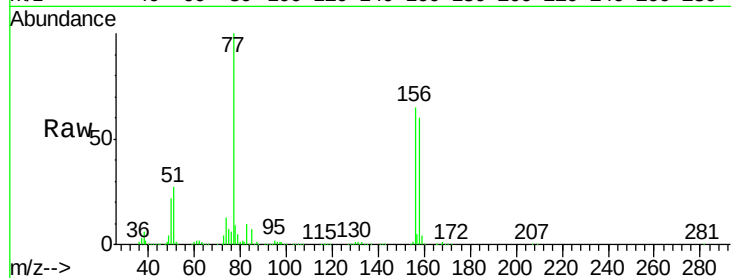
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	179998
Ion Ratio	Lower	Upper	
156	100		
77	157.3	80.1	240.3
158	96.1	49.4	148.2

Manual Integrations
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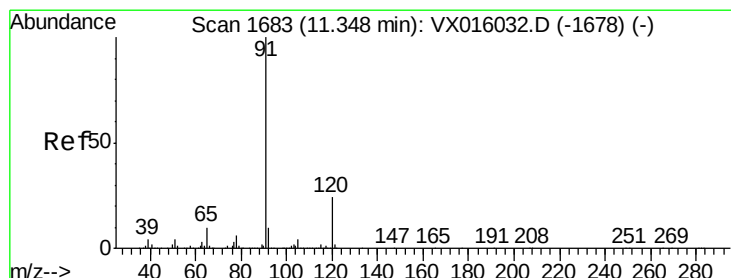
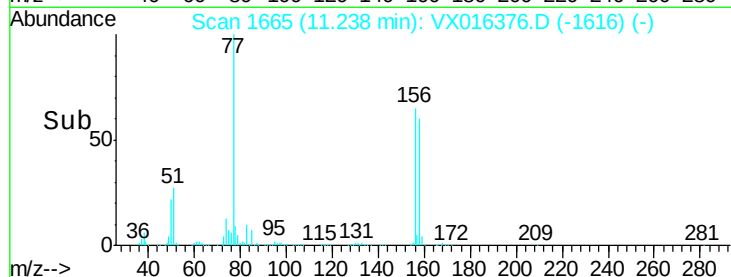
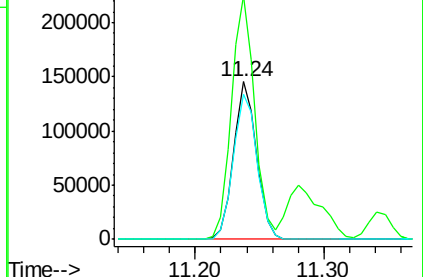
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.311 ug/l

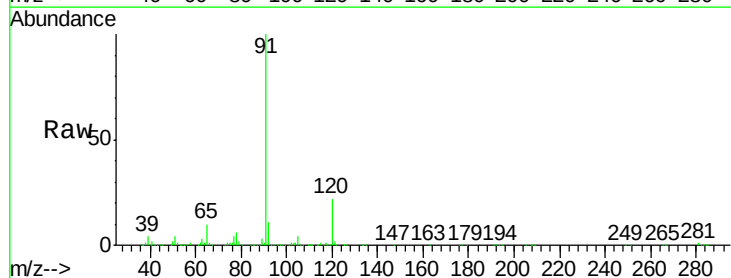
RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016376.D

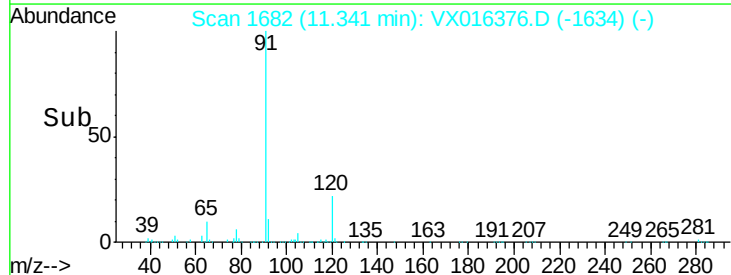
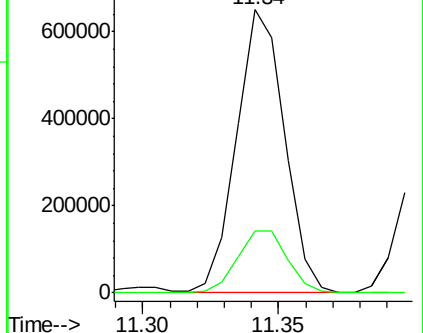
Acq: 21 May 2020 11:53

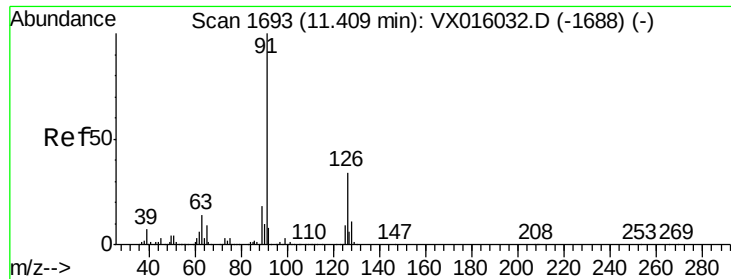
Tgt Ion:	91	Resp:	787811
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





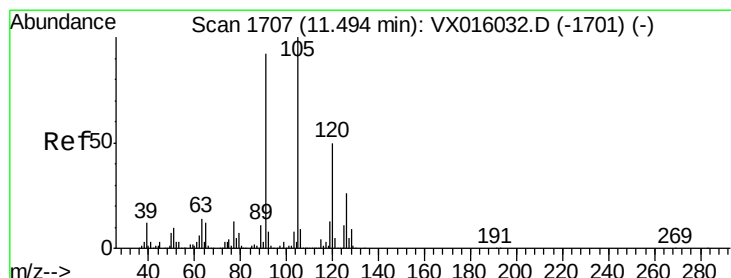
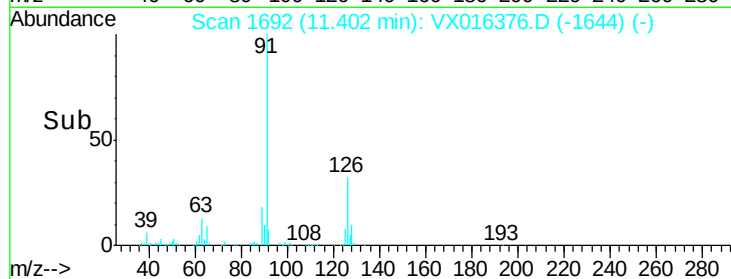
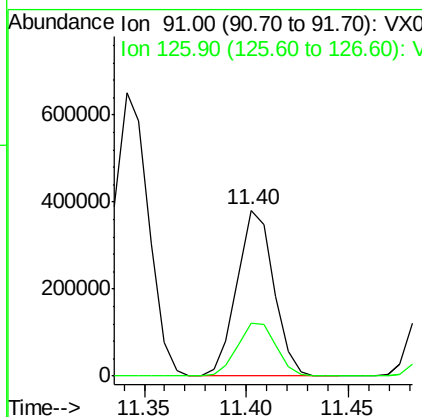
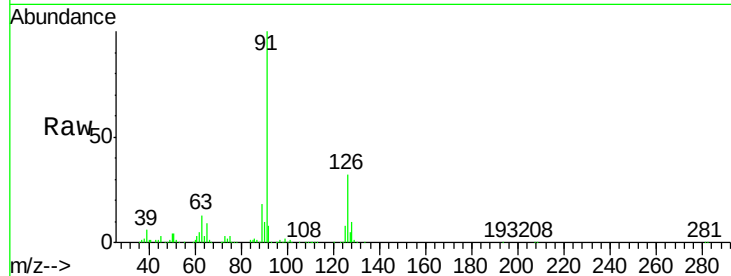
#79
 2-Chlorotoluene
 Concen: 51.738 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.9	50.6

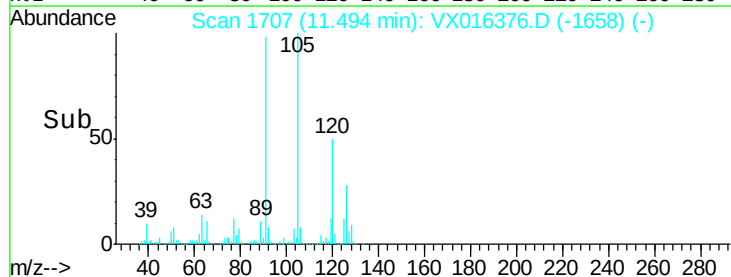
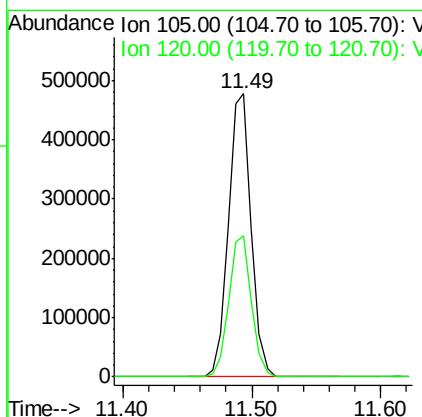
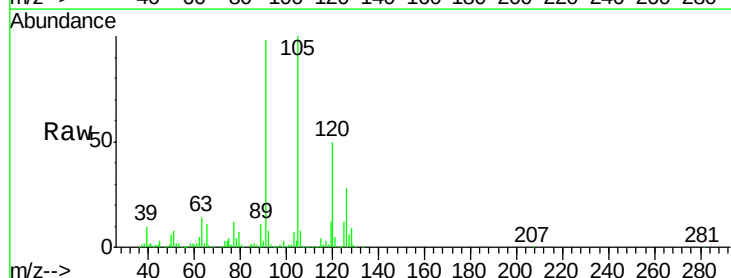
Manual Integrations
 APPROVED

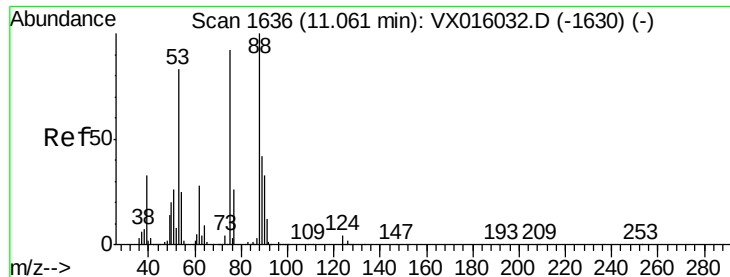
MMDadoda
 5/22/2020 4:02:51 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.878 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.6	74.0





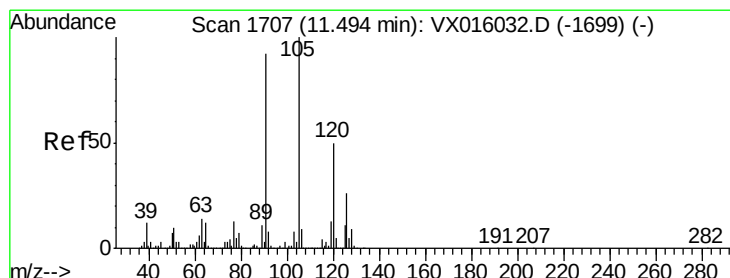
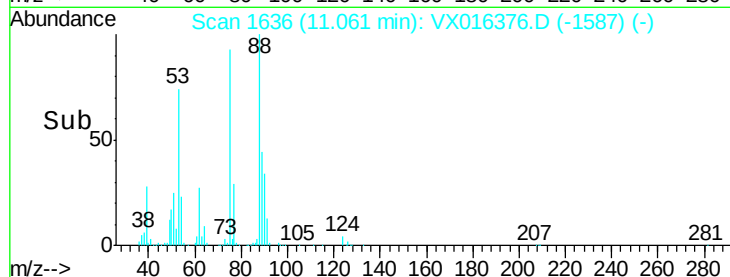
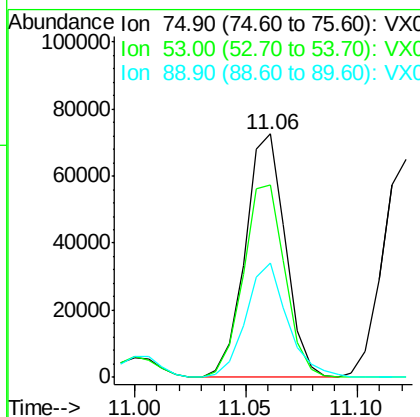
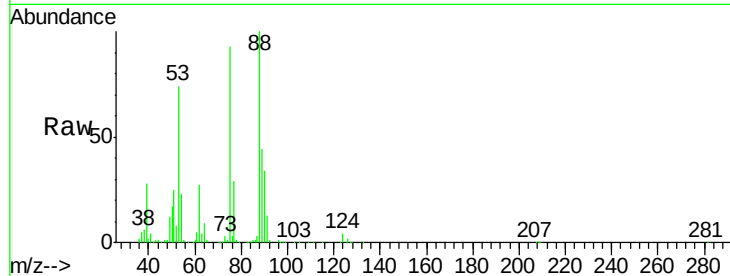
#81
trans-1,4-Dichloro-2-butene
Concen: 51.469 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.2	73.1	109.7
89	49.0	36.7	55.1

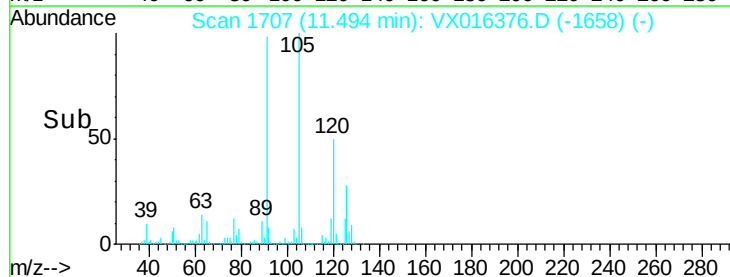
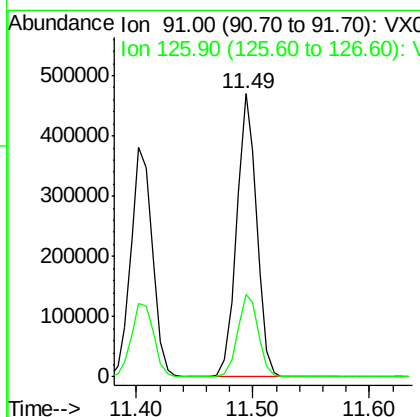
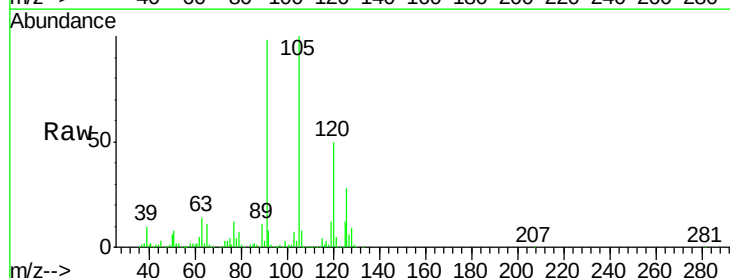
Manual Integrations
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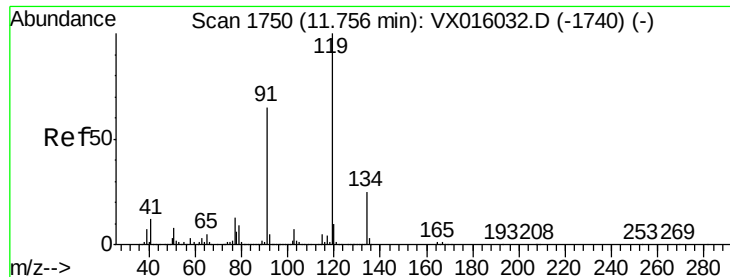
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.488 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.8	44.3





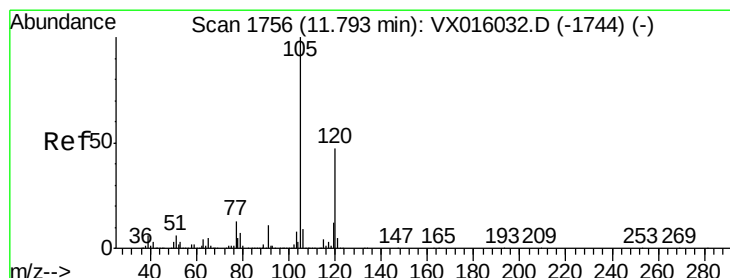
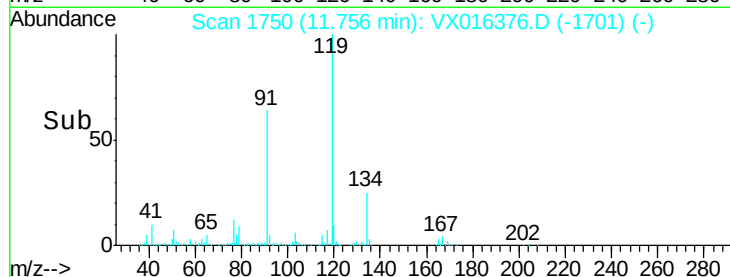
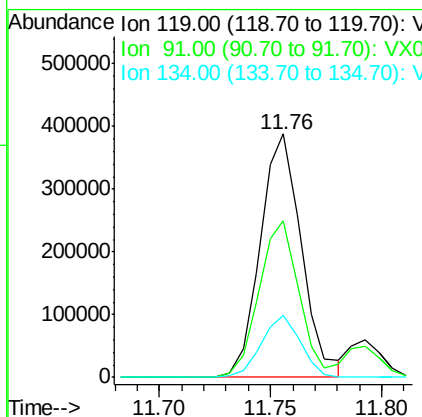
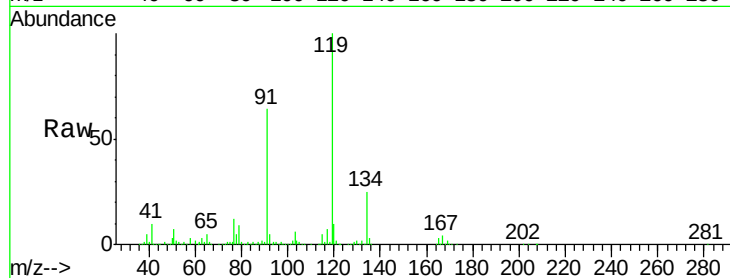
#83
 tert-Butylbenzene
 Concen: 50.964 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	499156		
91	62.0		32.8	98.4
134	24.1		12.4	37.0

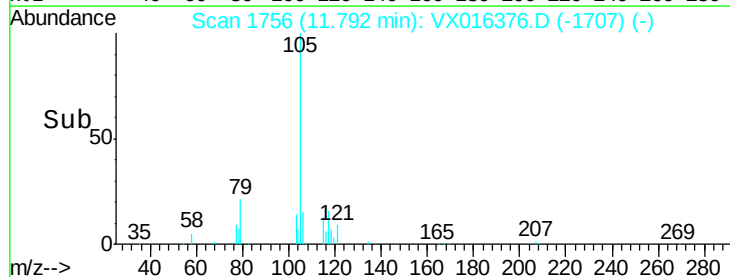
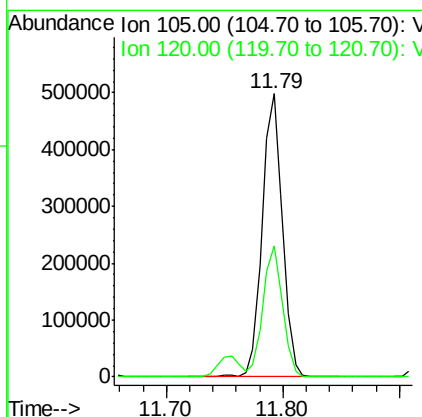
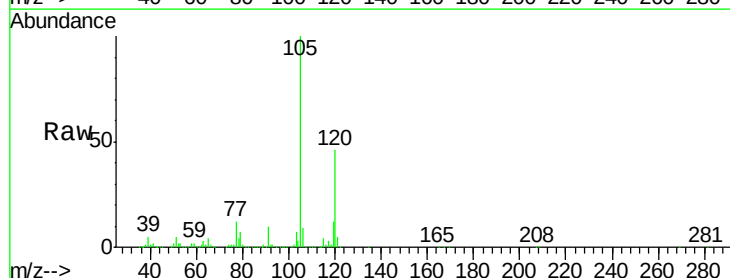
Manual Integrations
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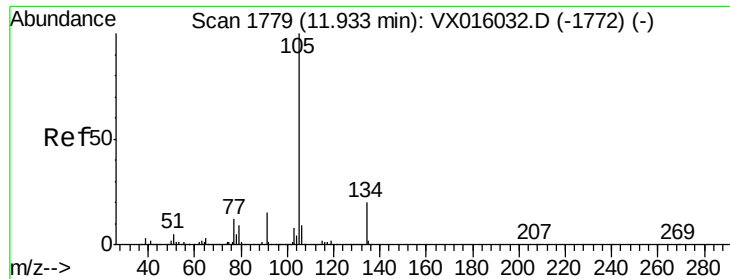
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.103 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	598657		
120	45.4		23.0	69.0





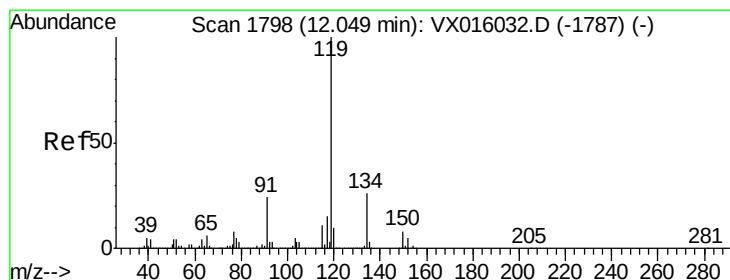
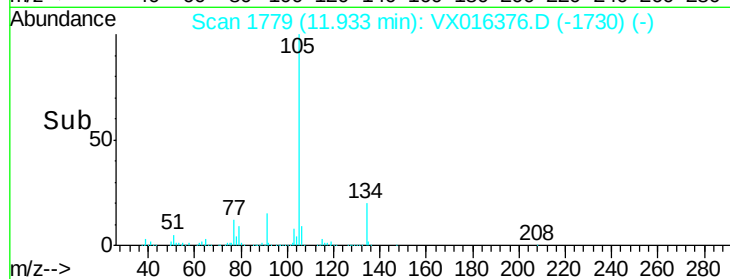
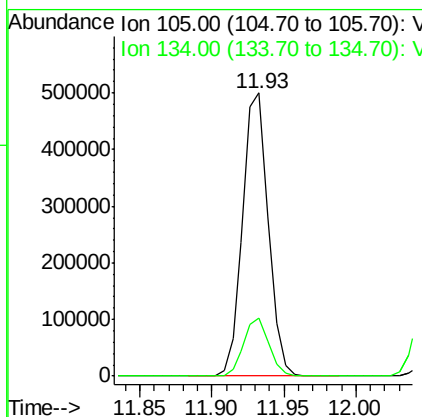
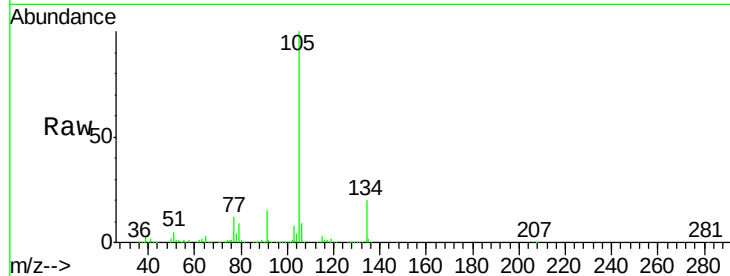
#85
 sec-Butylbenzene
 Concen: 46.584 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	616029		
134	20.2	10.1	30.3	

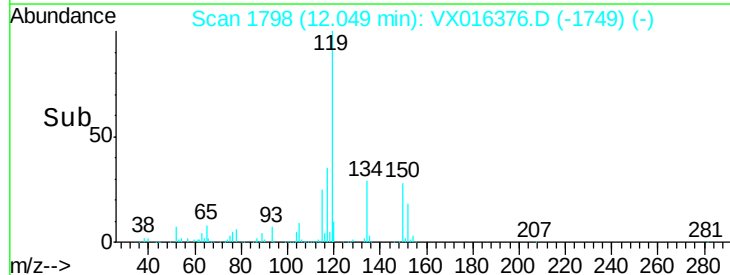
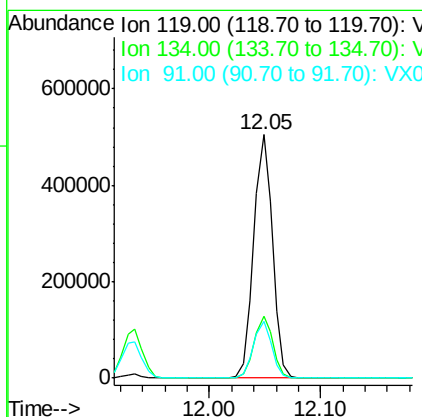
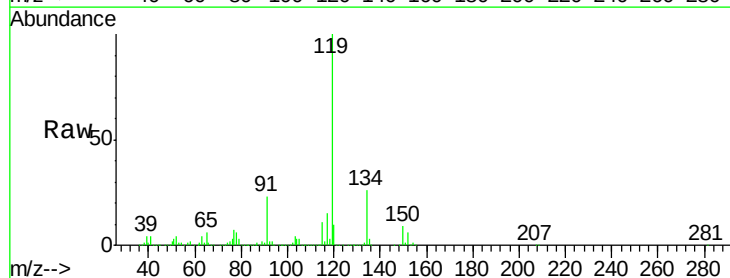
Manual Integrations
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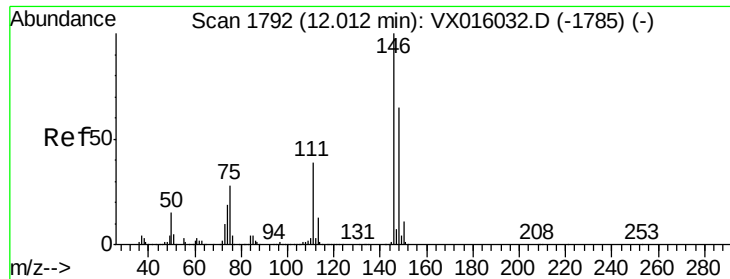
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#86
 p-Isopropyltoluene
 Concen: 48.390 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	594126		
134	25.6	13.1	39.3	
91	22.8	11.8	35.4	





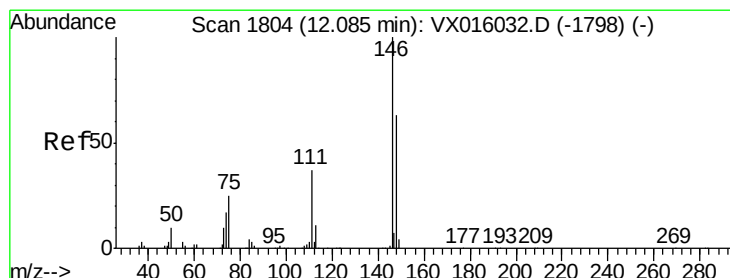
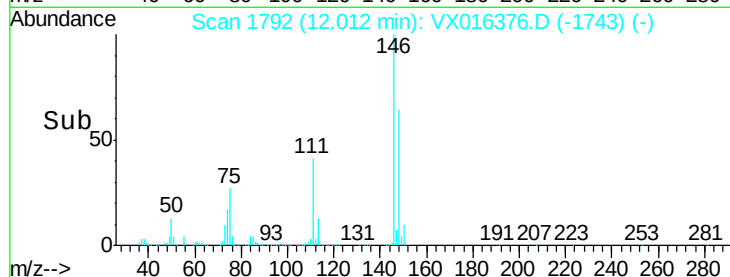
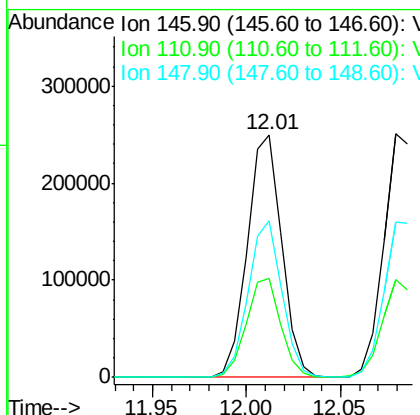
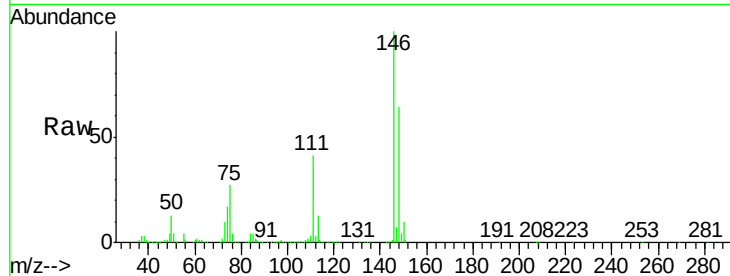
#87
 1,3-Dichlorobenzene
 Concen: 50.594 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.2	60.6
148	63.4	32.1	96.3

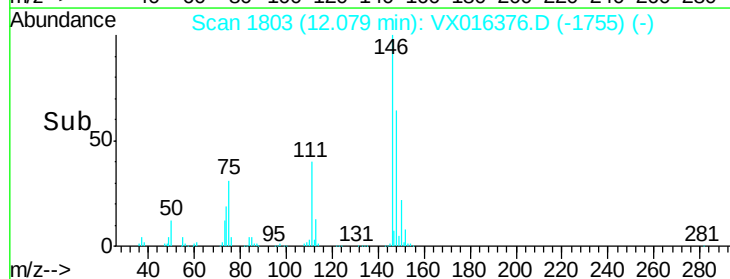
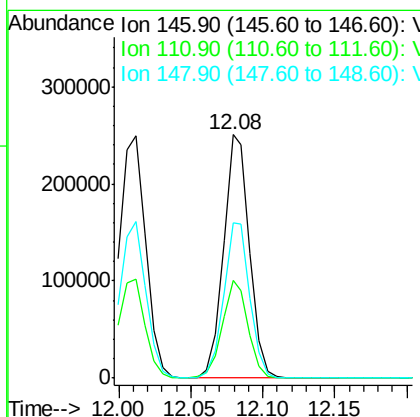
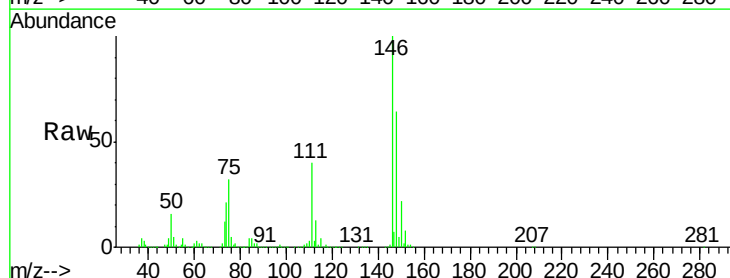
Manual Integrations
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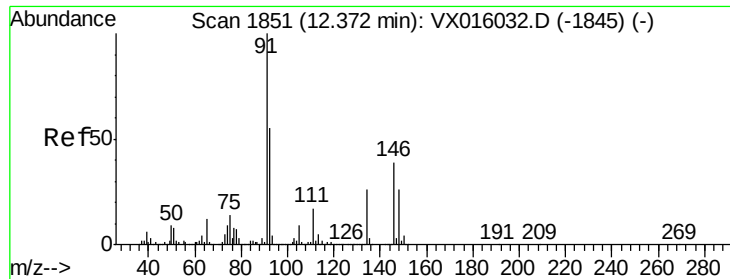
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#88
 1,4-Dichlorobenzene
 Concen: 49.735 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.7
148	64.9	31.8	95.3





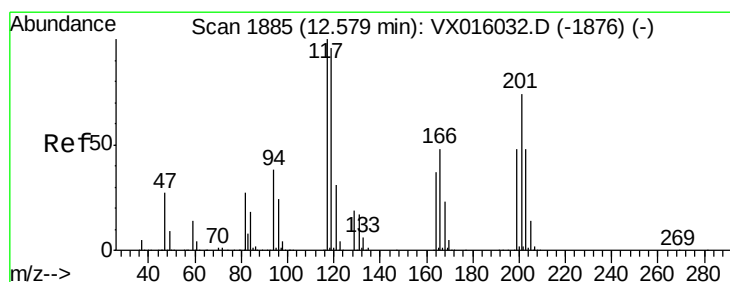
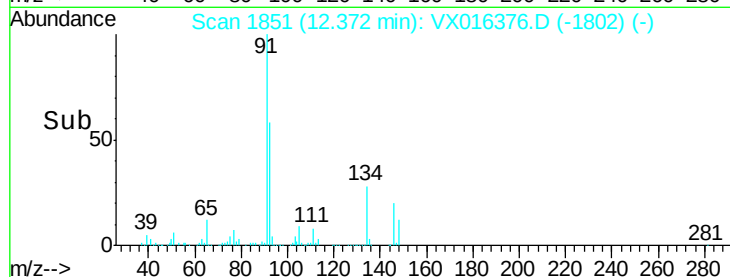
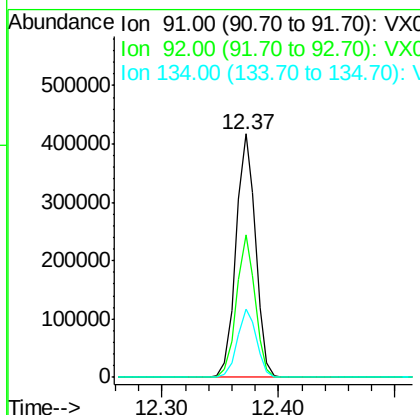
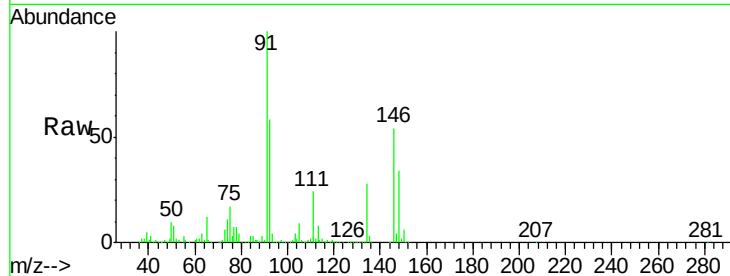
#89
n-Butylbenzene
Concen: 43.326 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	485960		
92	56.0		27.6	82.7
134	27.3		13.4	40.1

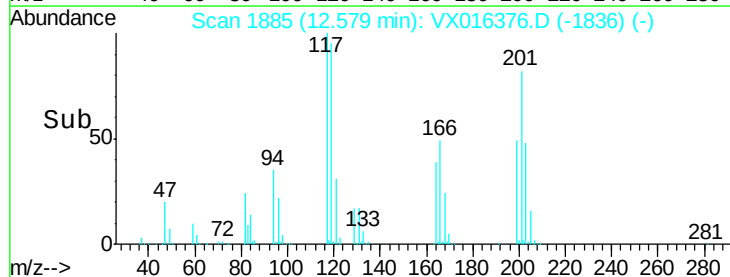
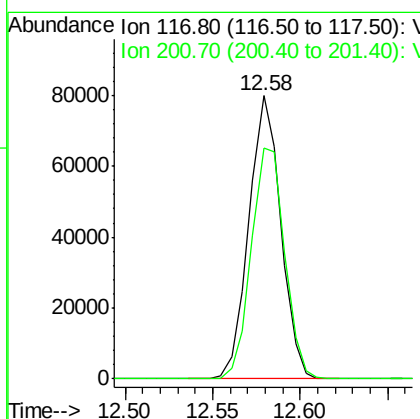
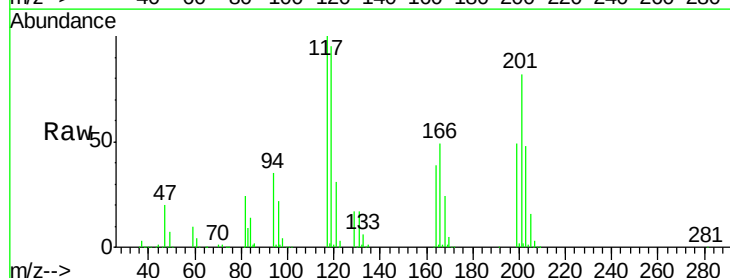
Manual Integrations
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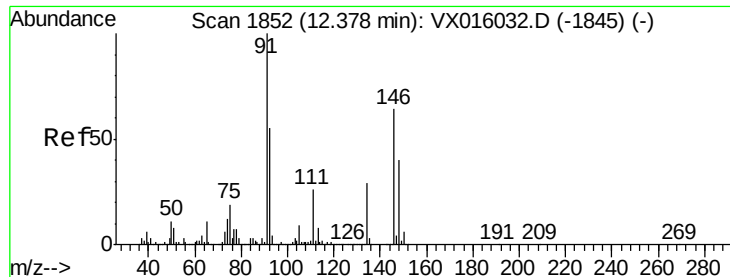
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#90
Hexachloroethane
Concen: 48.051 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	101321		
201	85.4		39.8	119.3





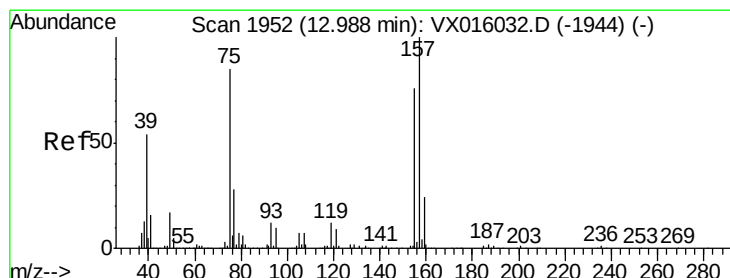
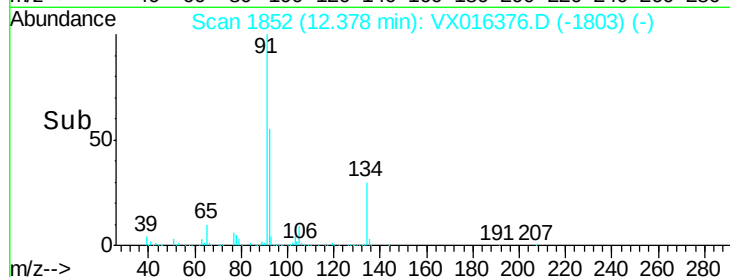
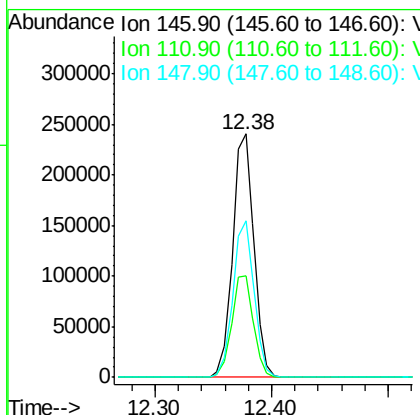
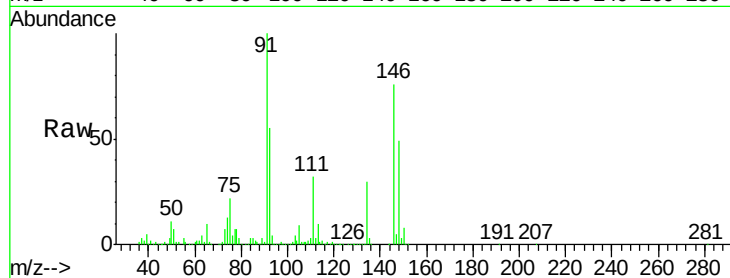
#91
 1,2-Dichlorobenzene
 Concen: 50.772 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.1
148	63.8	32.4	97.0

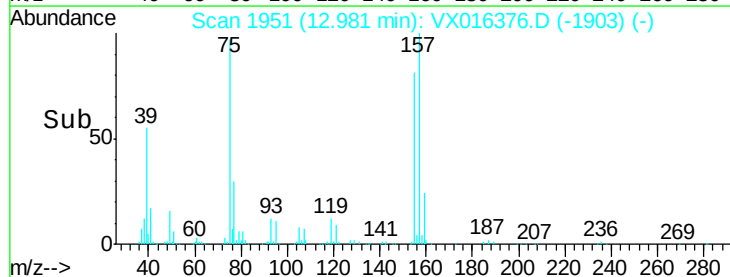
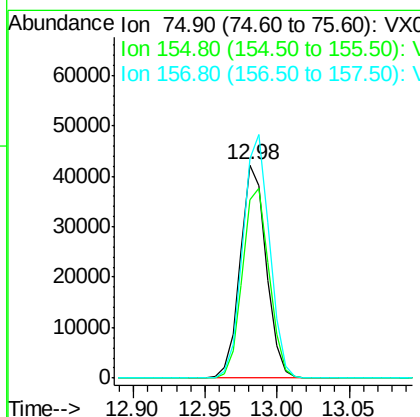
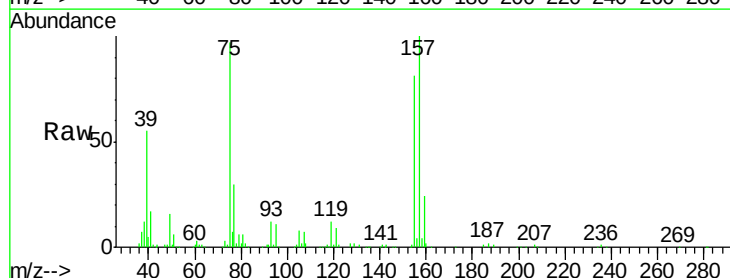
Manual Integrations
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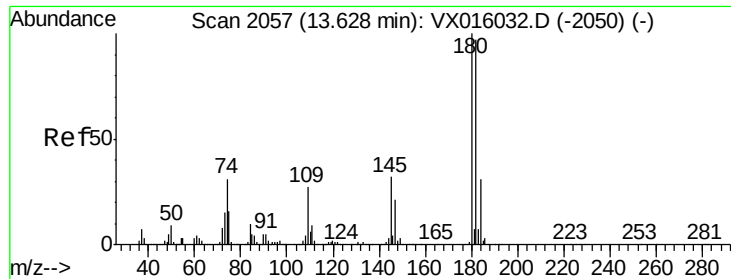
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.697 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.9	42.5	127.5
157	116.5	55.3	165.8





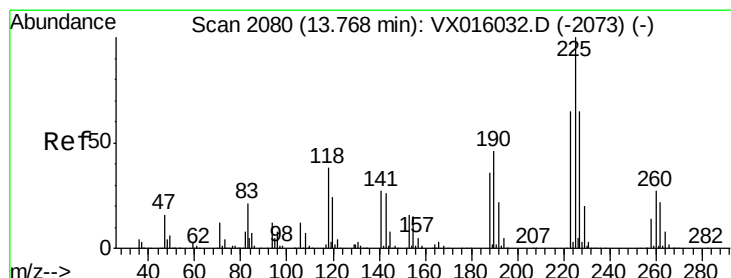
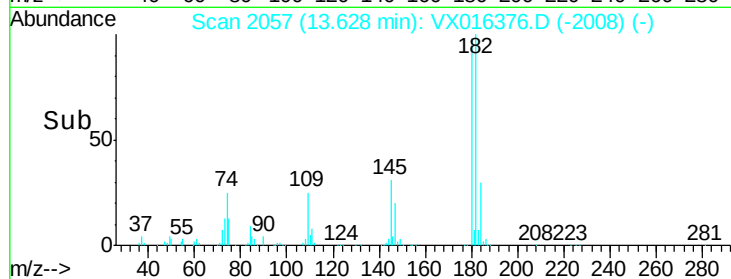
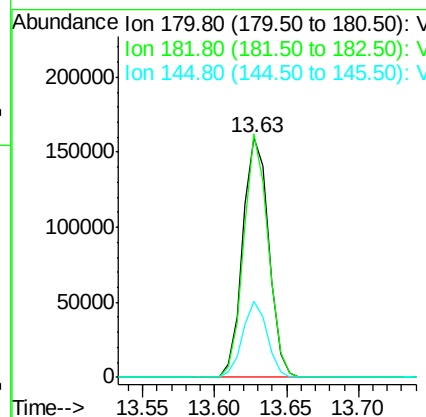
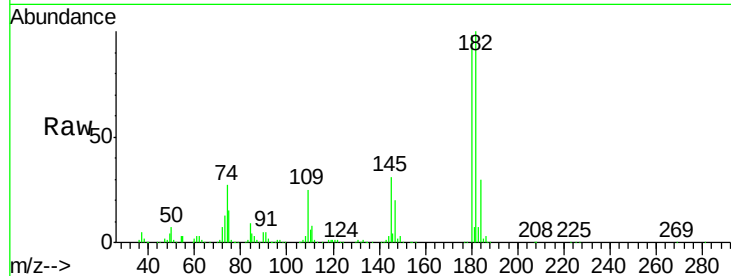
#93
 1,2,4-Trichlorobenzene
 Concen: 45.060 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	48.7	146.1	
145	30.4	15.7	47.1	

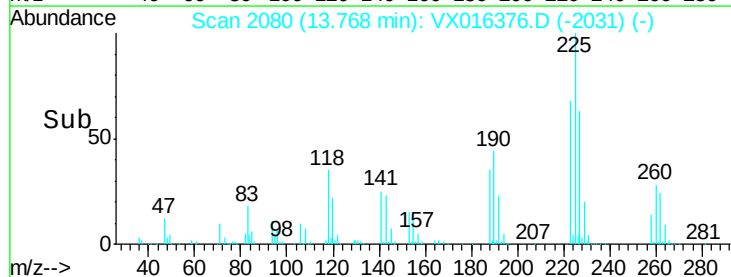
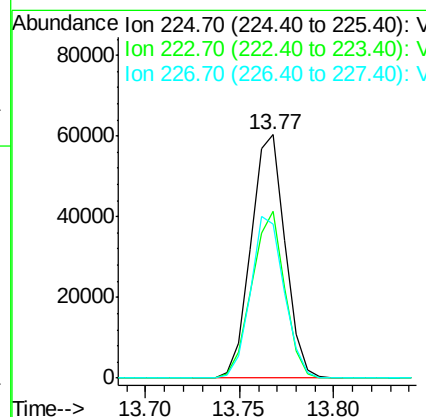
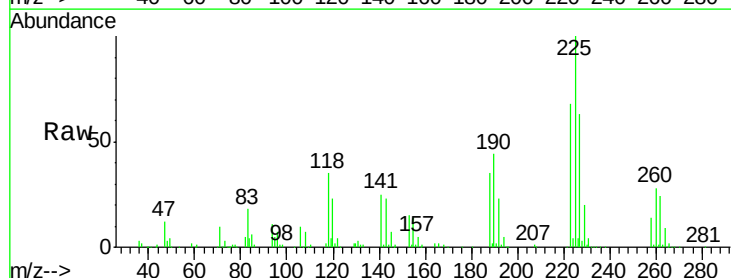
Manual Integrations
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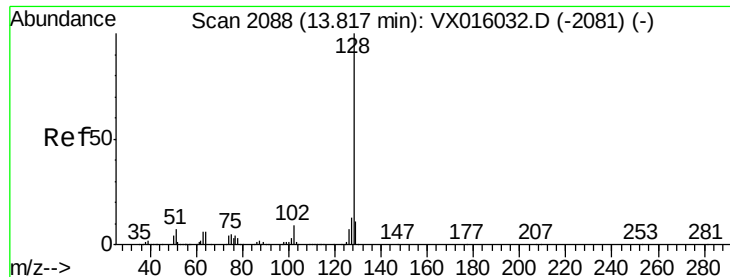
MMDadoda
 5/22/2020 4:02:51 PM



#94
 Hexachlorobutadiene
 Concen: 39.547 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016376.D
 Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.8	32.3	96.9	
227	65.7	31.8	95.4	





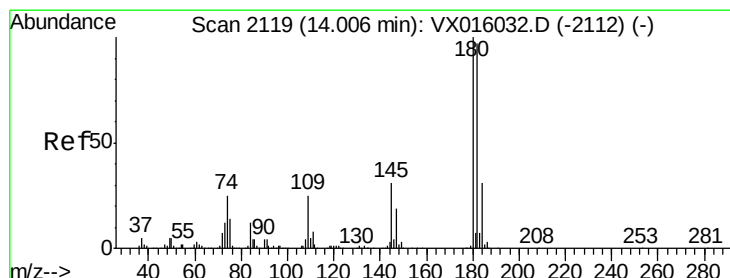
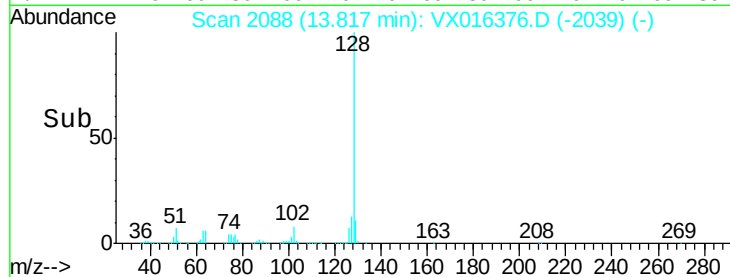
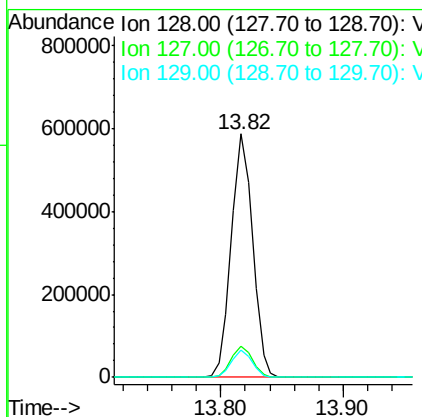
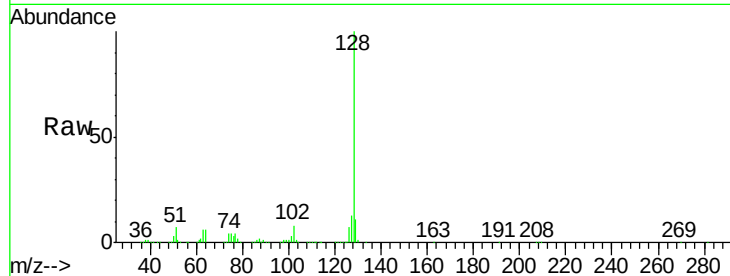
#95
Naphthalene
Concen: 49.029 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	706025		
127	12.8	10.2	15.4	
129	11.0	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
5/22/2020 4:02:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 44.781 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016376.D
Acq: 21 May 2020 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	194633		
182	95.5	48.4	145.0	
145	32.9	16.4	49.1	

