

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062220\
 Data File : VX016924.D
 Acq On : 22 Jun 2020 16:56
 Operator : JC/SP
 Sample : VX0622WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 11:03:11 AM

Quant Time: Jun 23 08:06:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	411377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	538178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	582301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	253944	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	208648	42.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.34%	
35) Dibromofluoromethane	5.46	113	183760	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
50) Toluene-d8	8.70	98	611669	44.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.82%	
62) 4-Bromofluorobenzene	11.12	95	231429	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	89710	17.770	ug/l	99
3) Chloromethane	1.31	50	92623	18.094	ug/l	100
4) Vinyl Chloride	1.39	62	102413	17.751	ug/l	98
5) Bromomethane	1.63	94	57882	16.662	ug/l	98
6) Chloroethane	1.72	64	60181	16.936	ug/l	98
7) Trichlorofluoromethane	1.92	101	134008	16.603	ug/l	97
8) Diethyl Ether	2.17	74	54741	17.444	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	78299	18.213	ug/l	97
10) Methyl Iodide	2.49	142	41384	10.111	ug/l	97
11) Tert butyl alcohol	3.00	59	71683	85.705	ug/l	99
12) 1,1-Dichloroethene	2.36	96	79160	18.007	ug/l	96
13) Acrolein	2.27	56	66300	130.744	ug/l	99
14) Allyl chloride	2.70	41	109654	18.857	ug/l	94
15) Acrylonitrile	3.11	53	174887	91.246	ug/l	99
16) Acetone	2.42	43	162153	90.283	ug/l	97
17) Carbon Disulfide	2.55	76	201563	17.742	ug/l	100
18) Methyl Acetate	2.75	43	88568	19.393	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	225492	17.999	ug/l	98
20) Methylene Chloride	2.83	84	73740	17.121	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	72493	17.469	ug/l	98
22) Diisopropyl ether	3.82	45	216864	19.465	ug/l	98
23) Vinyl Acetate	3.78	43	870666	94.773	ug/l	99
24) 1,1-Dichloroethane	3.67	63	126235	18.139	ug/l	100
25) 2-Butanone	4.63	43	275105	111.297	ug/l	94
26) 2,2-Dichloropropane	4.55	77	126655	19.425	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	92810	19.899	ug/l	98
28) Bromochloromethane	4.98	49	64298	22.261	ug/l	88
29) Tetrahydrofuran	5.09	42	179852	115.531	ug/l	94
30) Chloroform	5.17	83	146667	19.962	ug/l	96
31) Cyclohexane	5.54	56	137720	22.510	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	136237	19.592	ug/l	98
36) 1,1-Dichloropropene	5.77	75	111739	22.487	ug/l	98
37) Ethyl Acetate	4.78	43	111741	25.450	ug/l	98
38) Carbon Tetrachloride	5.76	117	114373	20.513	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 11:03:11 AM

Quant Time: Jun 23 08:06:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	115675	20.020	ug/l	97
40) Benzene	6.11	78	310546	20.828	ug/l	99
41) Methacrylonitrile	5.00	41	62009	26.015	ug/l	96
42) 1,2-Dichloroethane	6.16	62	103302	19.470	ug/l	99
43) Isopropyl Acetate	6.40	43	149887	19.549	ug/l	99
44) Trichloroethene	7.18	130	84771	18.564	ug/l	95
45) 1,2-Dichloropropane	7.49	63	74036	19.752	ug/l	99
46) Dibromomethane	7.63	93	48098	18.922	ug/l	98
47) Bromodichloromethane	7.87	83	101677	18.807	ug/l	99
48) Methyl methacrylate	7.74	41	71843	19.899	ug/l	98
49) 1,4-Dioxane	7.71	88	32823	406.132	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	444522	96.395	ug/l	100
52) Toluene	8.76	92	185469	18.751	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	115276	19.396	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	123311	19.394	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	73214	19.604	ug/l	99
56) Ethyl methacrylate	9.16	69	109982	20.343	ug/l	99
57) 1,3-Dichloropropane	9.35	76	123448	19.499	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	247595	98.423	ug/l	97
59) 2-Hexanone	9.47	43	403454	120.813	ug/l	98
60) Dibromochloromethane	9.56	129	96943	21.639	ug/l	99
61) 1,2-Dibromoethane	9.65	107	90835	22.412	ug/l	100
64) Tetrachloroethene	9.32	164	81108	15.042	ug/l	97
65) Chlorobenzene	10.12	112	229240	19.441	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	88704	19.410	ug/l	99
67) Ethyl Benzene	10.23	91	410005	20.608	ug/l	100
68) m/p-Xylenes	10.34	106	323203	41.748	ug/l	99
69) o-Xylene	10.68	106	146918	20.524	ug/l	96
70) Styrene	10.70	104	243796	20.044	ug/l	99
71) Bromoform	10.84	173	62232	16.197	ug/l #	100
73) Isopropylbenzene	11.00	105	347681	21.265	ug/l	100
74) N-amyl acetate	10.88	43	131687	23.065	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	98119	21.252	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	99109m	21.370	ug/l	
77) Bromobenzene	11.24	156	90667	20.333	ug/l	98
78) n-propylbenzene	11.34	91	389374	21.339	ug/l	100
79) 2-Chlorotoluene	11.40	91	231189	20.708	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	290220	20.573	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	36244	19.137	ug/l	98
82) 4-Chlorotoluene	11.49	91	272000	20.308	ug/l	99
83) tert-Butylbenzene	11.76	119	278971	19.987	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	294052	20.235	ug/l	97
85) sec-Butylbenzene	11.93	105	324243	20.002	ug/l	99
86) p-Isopropyltoluene	12.05	119	311986	21.006	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	161481	19.822	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	161572	19.611	ug/l	99
89) n-Butylbenzene	12.37	91	259508	20.375	ug/l	100
90) Hexachloroethane	12.58	117	54189	20.254	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	152364	19.373	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	24950	22.792	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Manual Integrations
APPROVED

MMDadoda
6/23/2020 11:03:11 AM

Quant Time: Jun 23 08:06:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	125837	23.828	ug/l	99
94) Hexachlorobutadiene	13.77	225	54394	22.825	ug/l	96
95) Naphthalene	13.82	128	386390	24.921	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	117050	22.225	ug/l	99

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

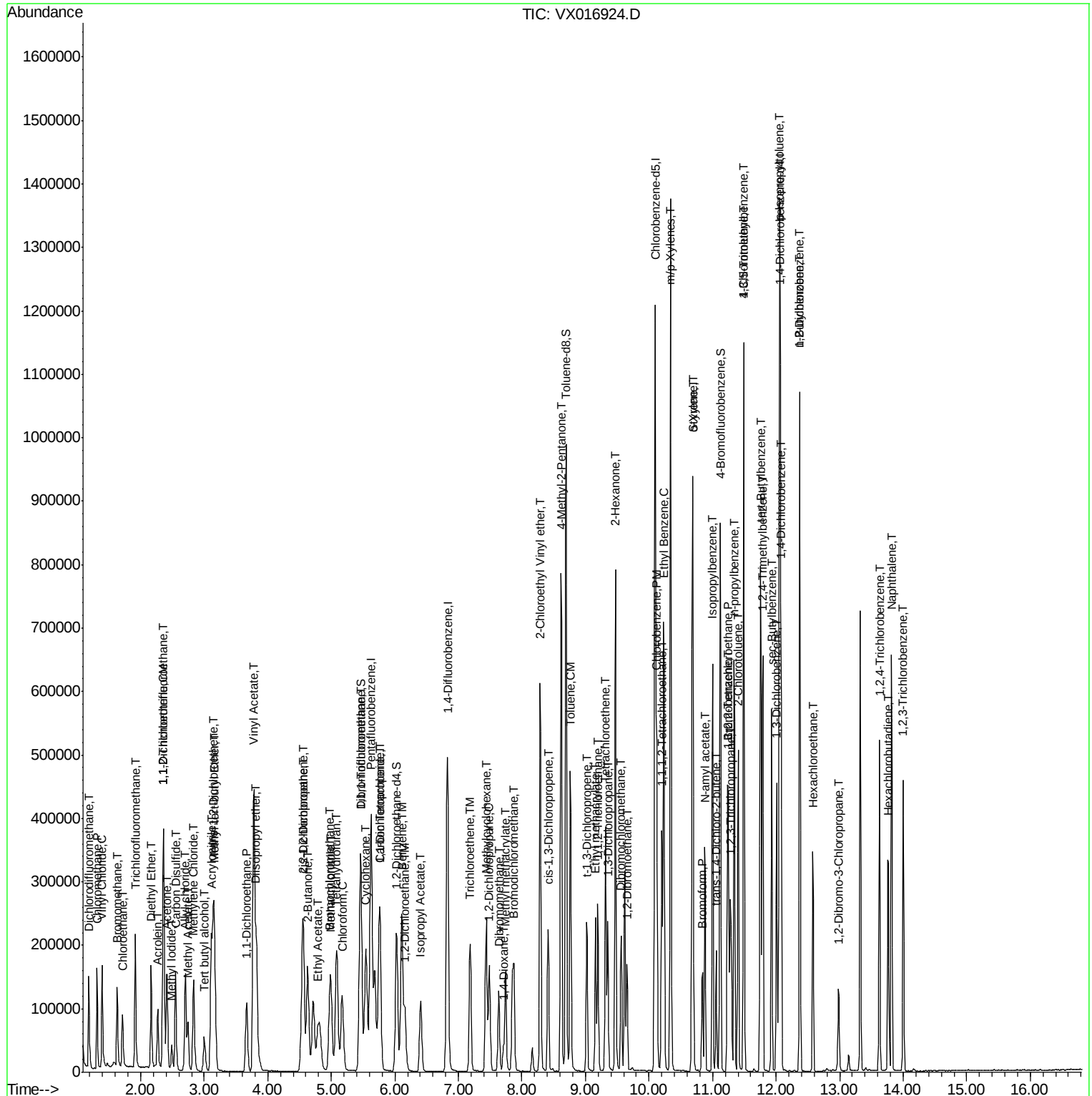
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Data File : VX016924.D
Acq On : 22 Jun 2020 16:56
Operator : JC/SP
Sample : VX0622WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

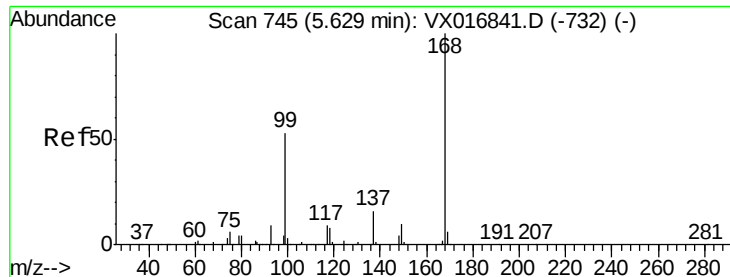
Instrument :
MSVOA_X
ClientSampleID :
VX0622WBS01

Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion:168 Resp: 411377

Ion Ratio Lower Upper

168 100

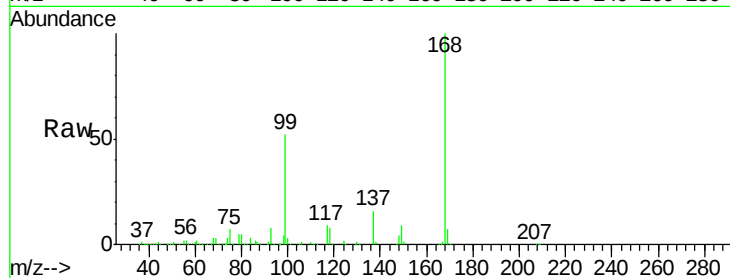
99 51.8 42.2 63.2

Manual Integrations

APPROVED

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6/23/2020 11:03:11 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

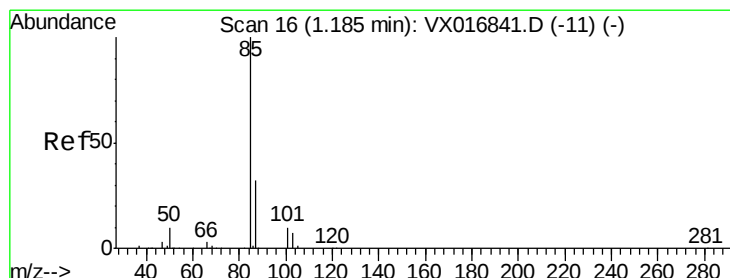
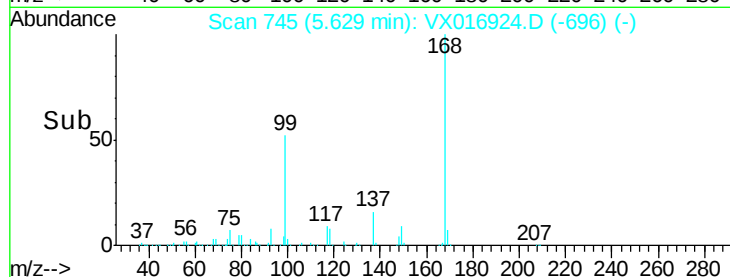
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.770 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016924.D

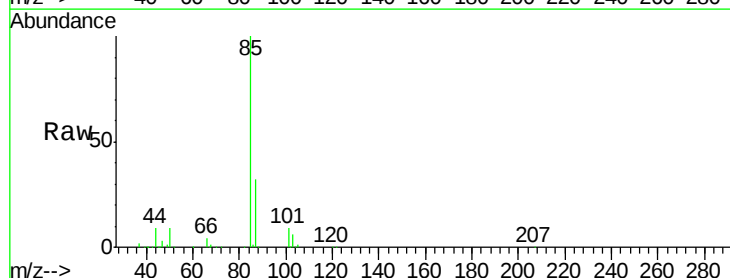
Acq: 22 Jun 2020 16:56

Tgt Ion: 85 Resp: 89710

Ion Ratio Lower Upper

85 100

87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

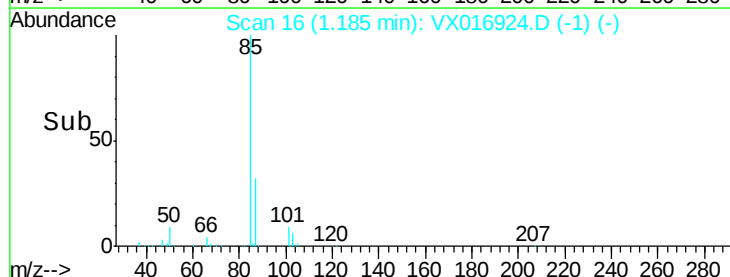
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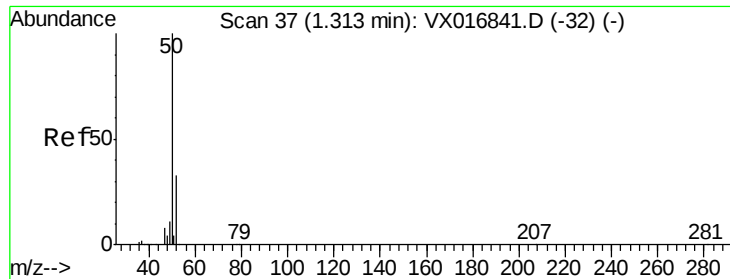
20000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.094 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 50 Resp: 92623

Ion Ratio Lower Upper

50 100

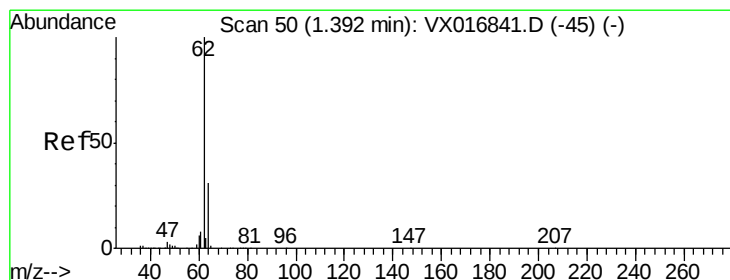
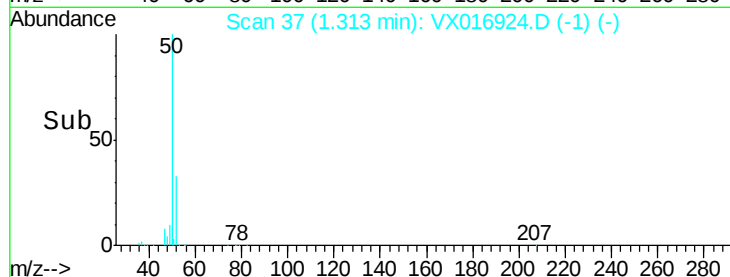
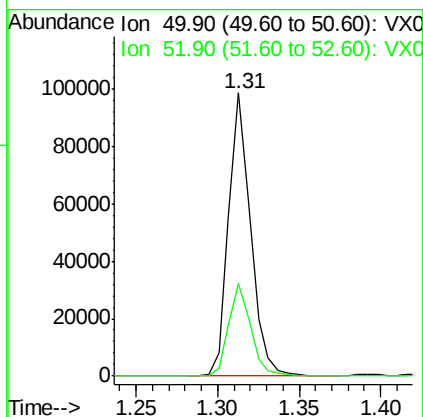
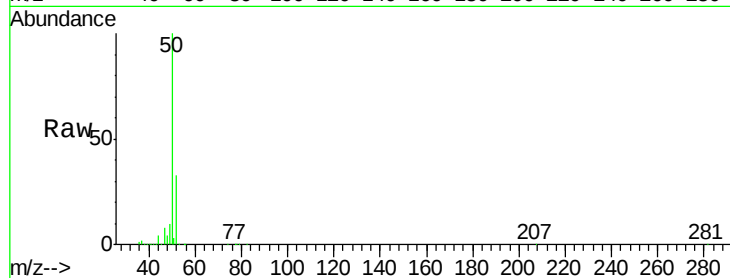
52 32.5 26.1 39.1

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 17.751 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016924.D

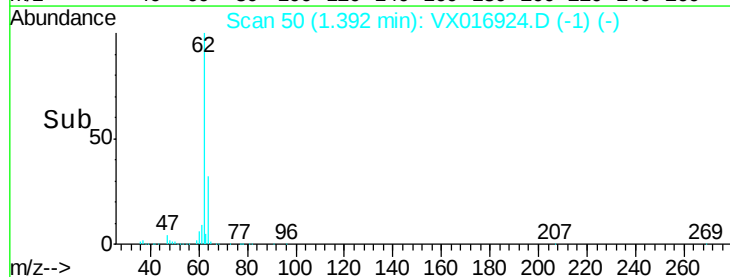
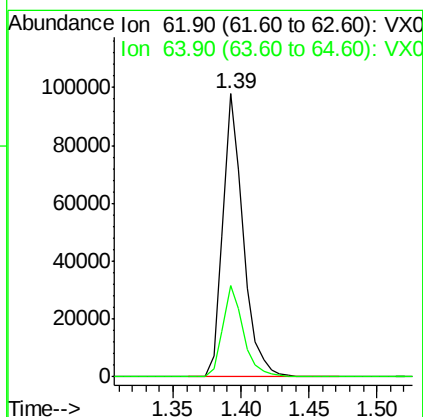
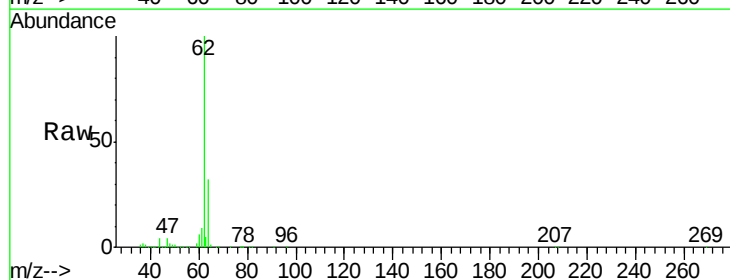
Acq: 22 Jun 2020 16:56

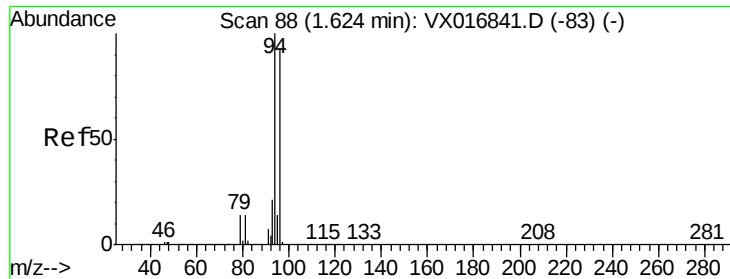
Tgt Ion: 62 Resp: 102413

Ion Ratio Lower Upper

62 100

64 32.1 25.0 37.4





#5

Bromomethane

Concen: 16.662 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 94 Resp: 57882

Ion Ratio Lower Upper

94 100

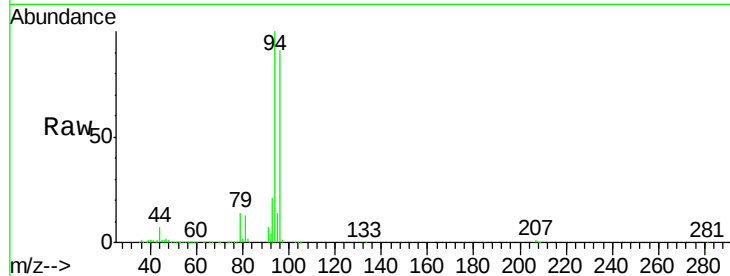
96 90.8 74.4 111.6

Manual Integrations

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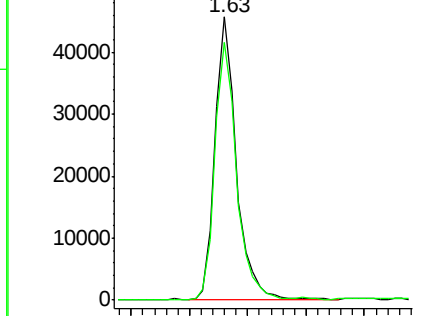
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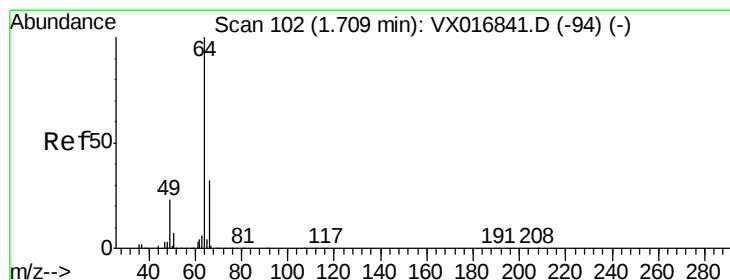
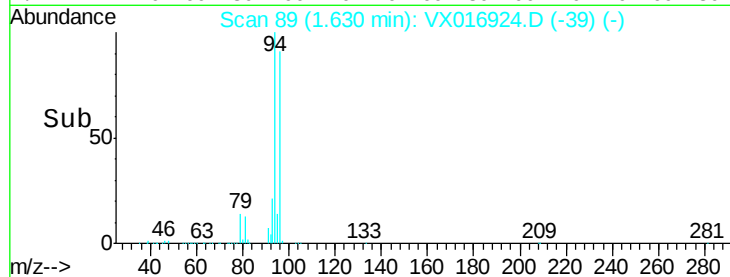


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 16.936 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016924.D

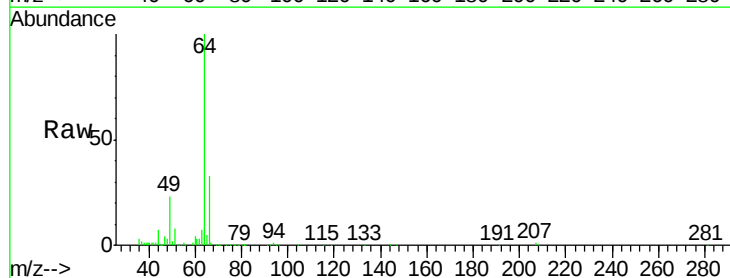
Acq: 22 Jun 2020 16:56

Tgt Ion: 64 Resp: 60181

Ion Ratio Lower Upper

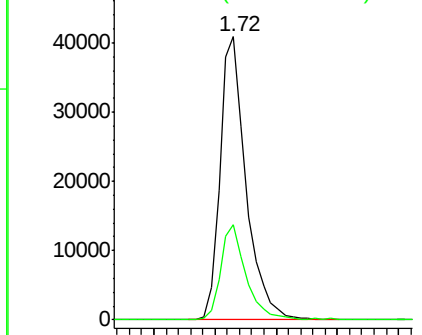
64 100

66 33.4 25.7 38.5

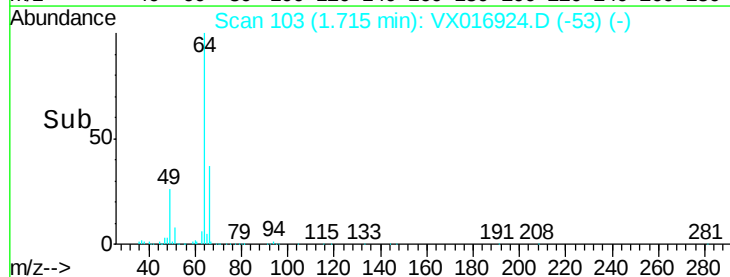


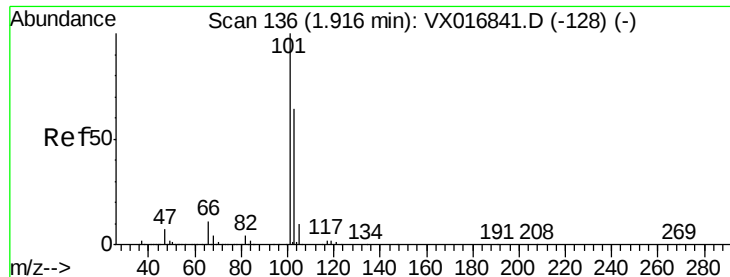
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

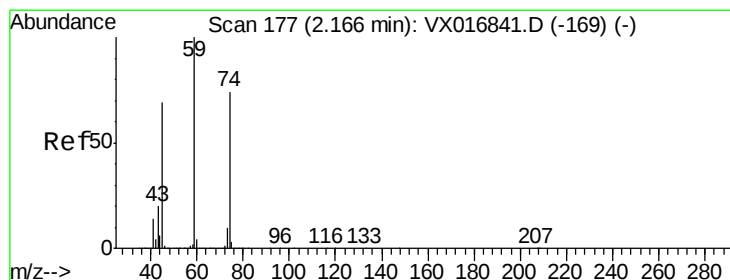
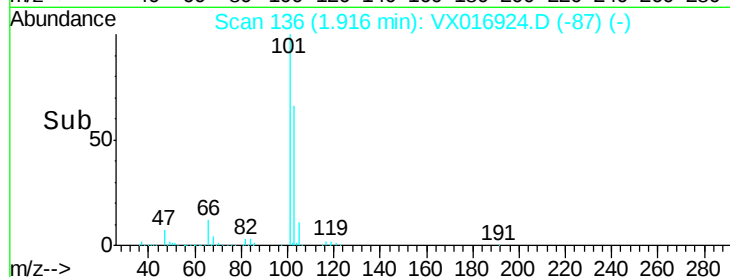
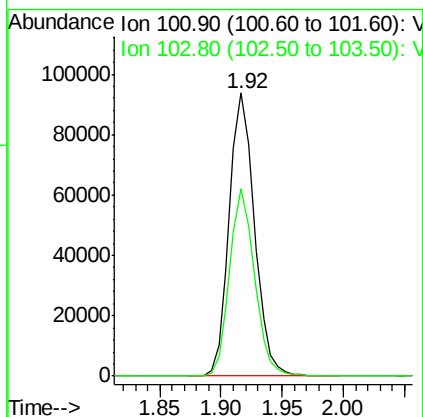
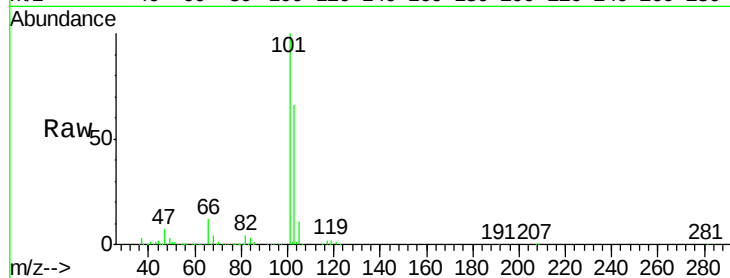
Trichlorofluoromethane
Concen: 16.603 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	51.2	76.8

Manual Integrations
APPROVED

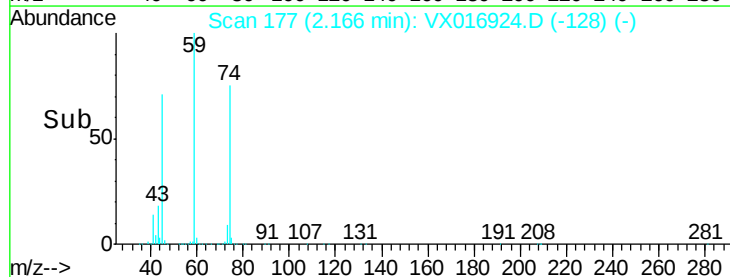
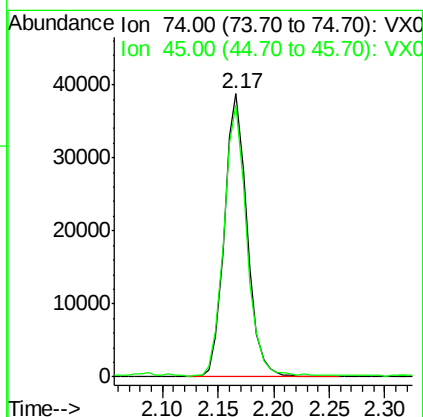
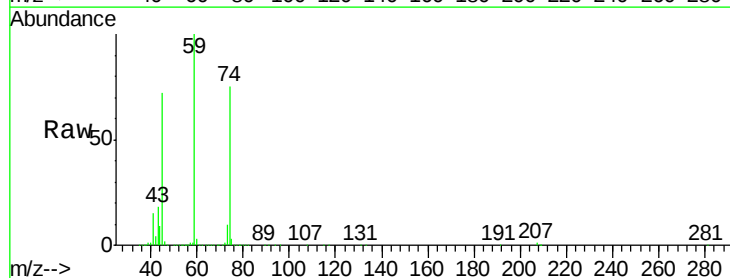
MMDadoda
6/23/2020 11:03:11 AM

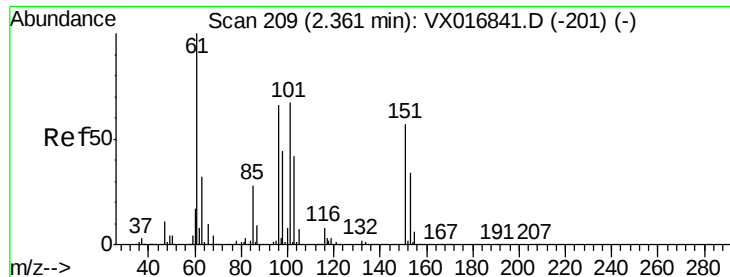


#8

Diethyl Ether
Concen: 17.444 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.213 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

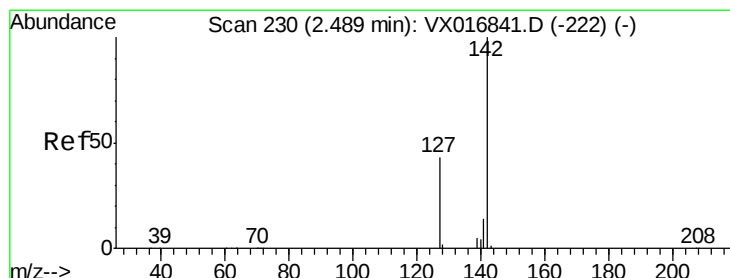
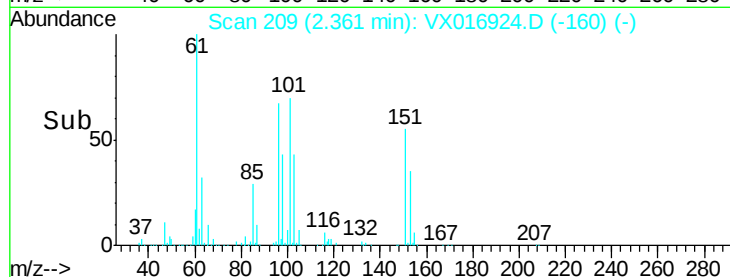
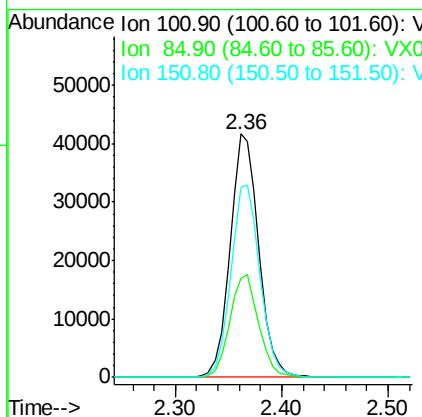
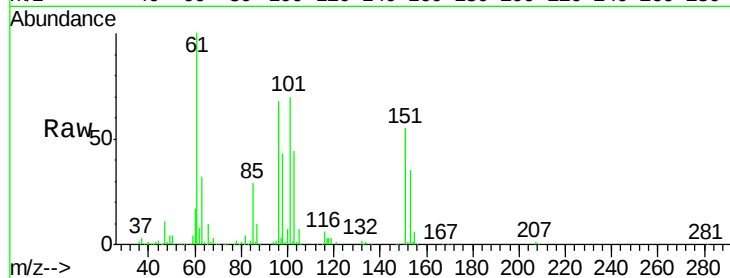
ClientSampleId :

VX0622WBS01

Tot Ion:	101	Resp:	78299
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.3	51.5
151	80.9	67.6	101.4

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#10

Methyl Iodide

Concen: 10.111 ug/l

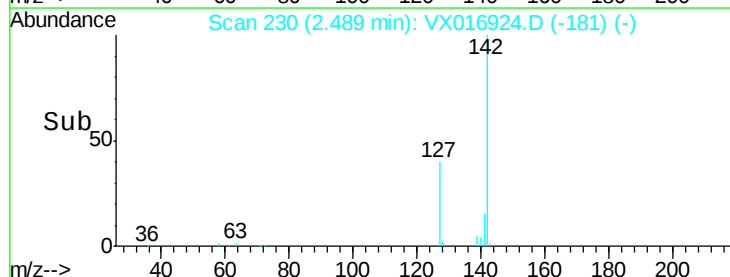
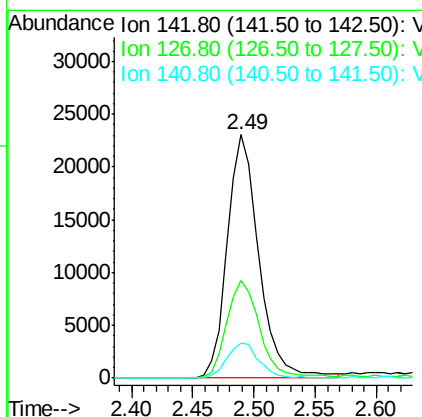
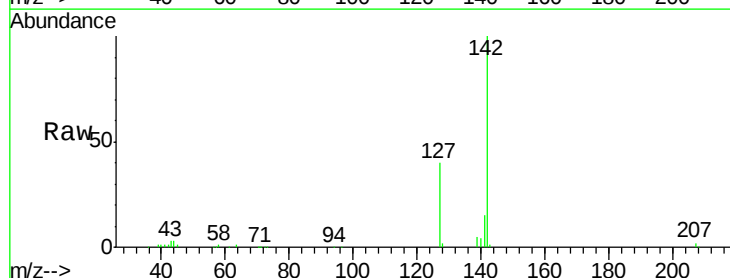
RT: 2.49 min Scan# 230

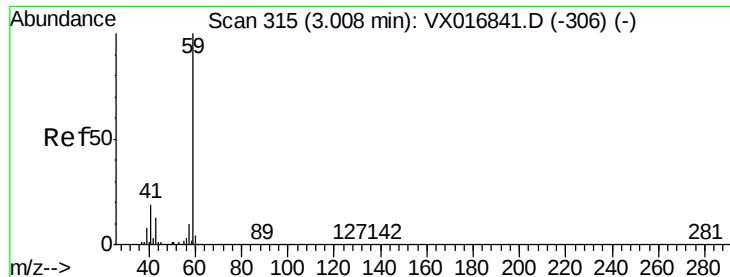
Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Tgt Ion:	142	Resp:	41384
Ion Ratio	Lower	Upper	
142	100		
127	41.8	35.1	52.7
141	14.7	11.6	17.4





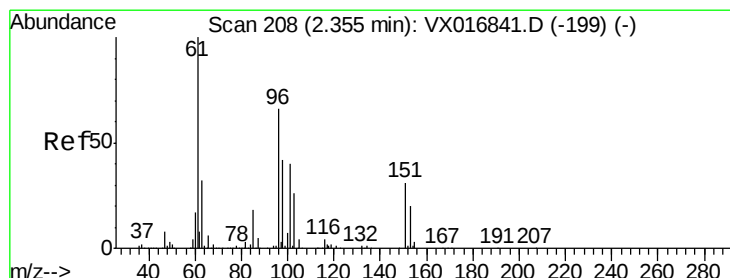
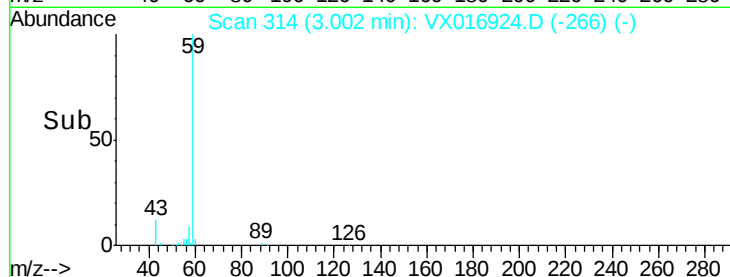
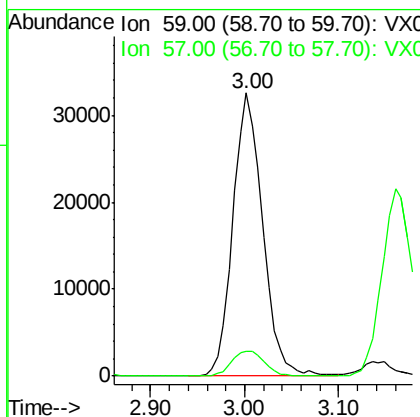
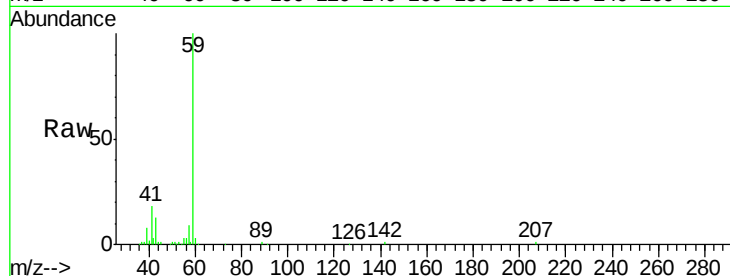
#11
Tert butyl alcohol
Concen: 85.705 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6

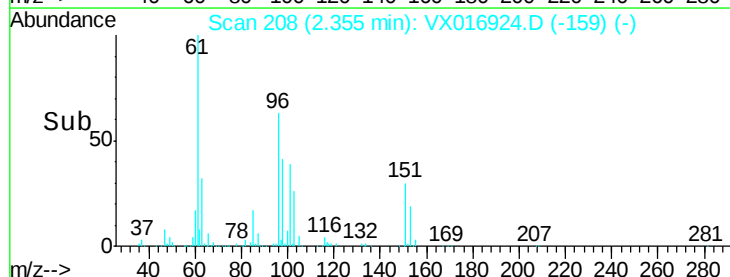
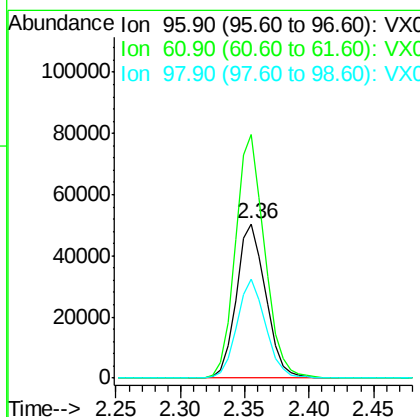
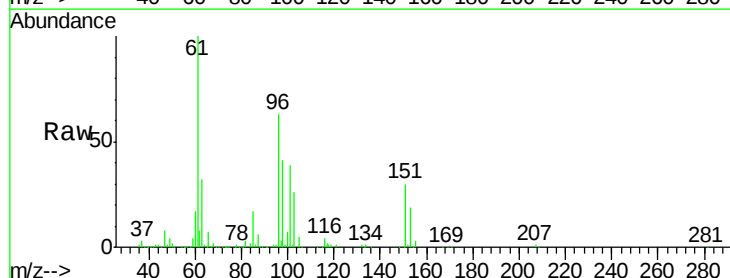
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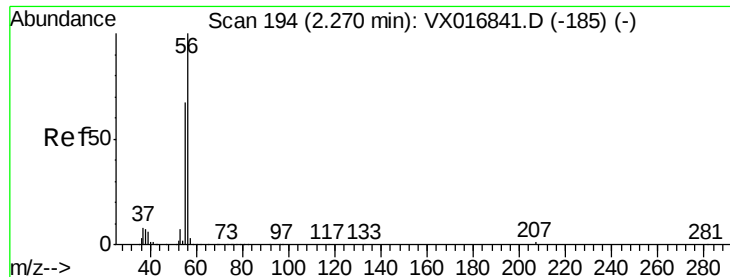
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#12
1,1-Dichloroethene
Concen: 18.007 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.1	121.7	182.5
98	64.6	51.1	76.7





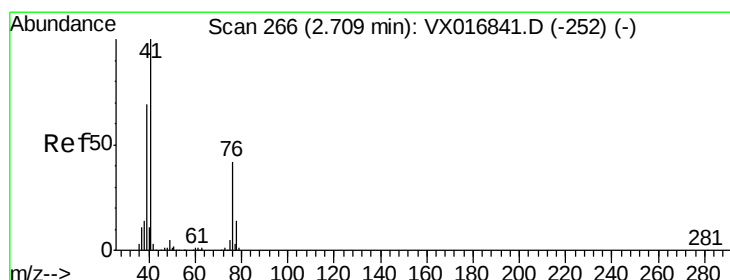
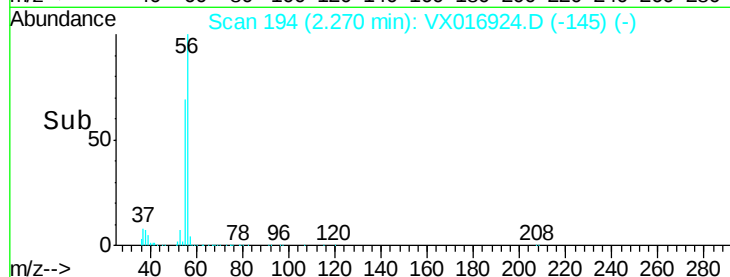
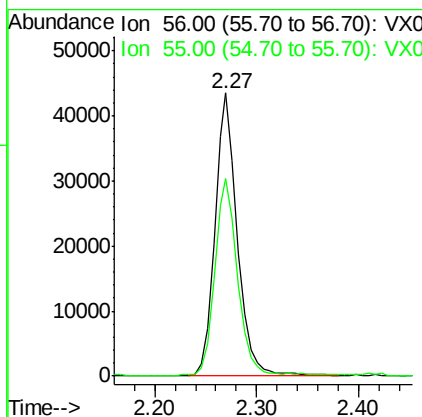
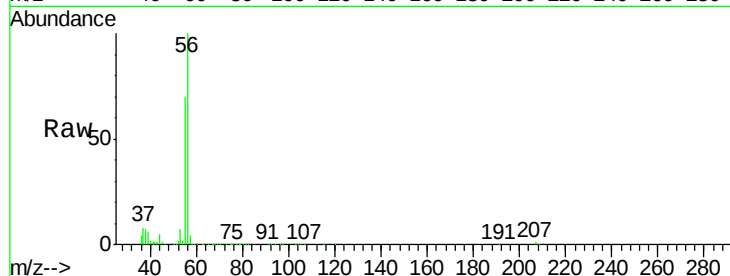
#13
Acrolein
Concen: 130.744 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.6	55.7	83.5

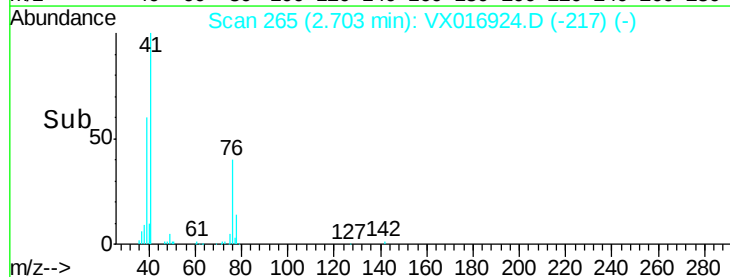
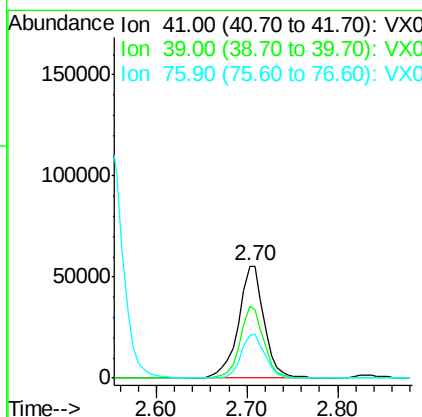
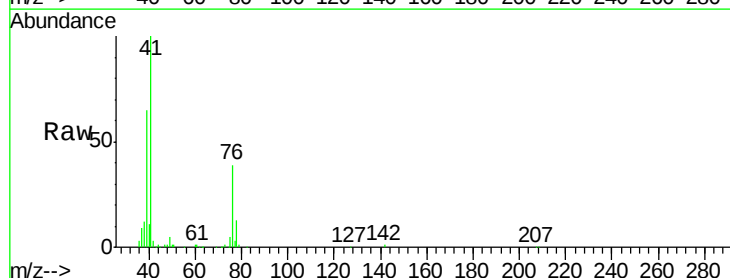
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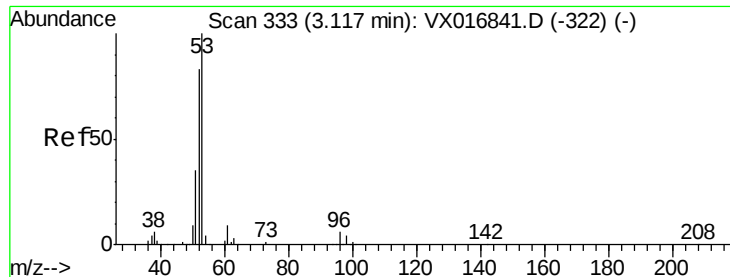
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#14
Allyl chloride
Concen: 18.857 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.2	50.7	76.1
76	36.2	30.9	46.3





#15

Acrylonitrile

Concen: 91.246 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

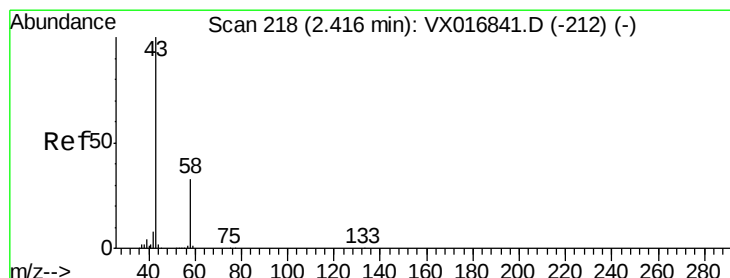
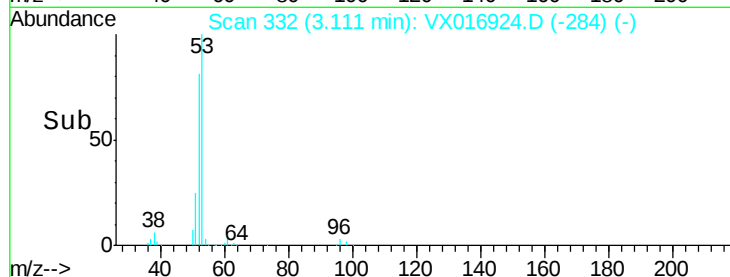
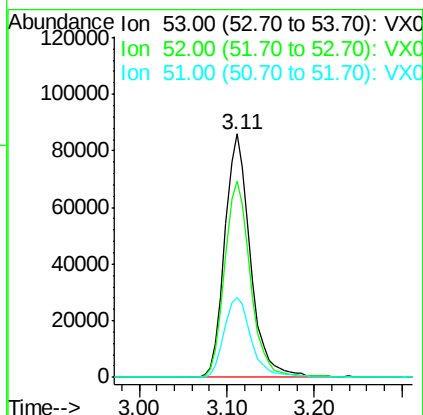
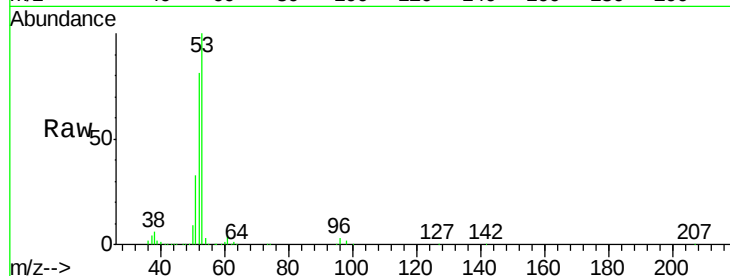
ClientSampleId :

VX0622WBS01

Tot Ion:	53	Resp:	174887
Ion Ratio		Lower	Upper
53	100		
52	81.8	66.2	99.2
51	35.0	28.7	43.1

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#16

Acetone

Concen: 90.283 ug/l

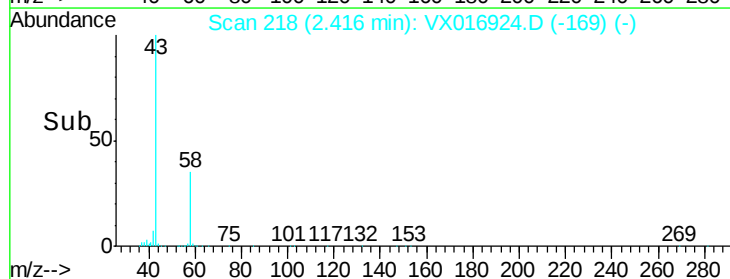
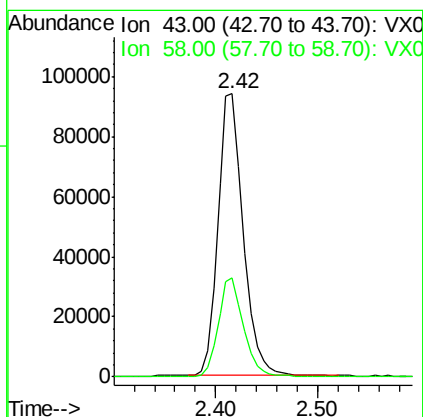
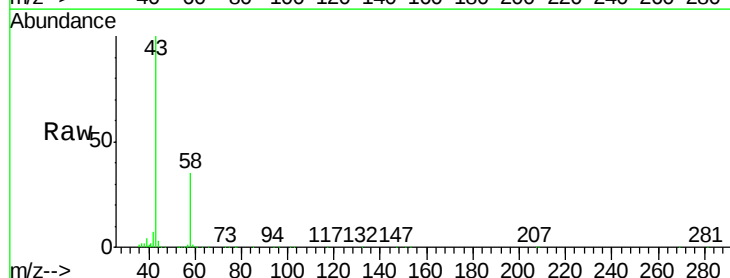
RT: 2.42 min Scan# 218

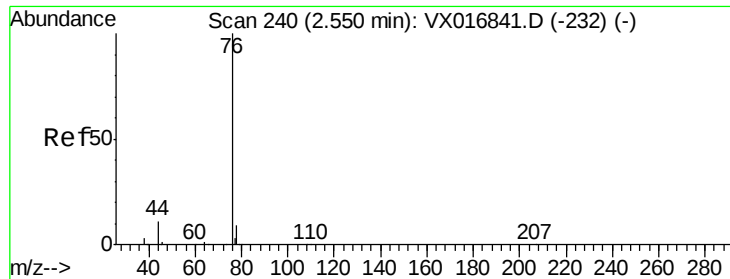
Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Tgt Ion:	43	Resp:	162153
Ion Ratio		Lower	Upper
43	100		
58	34.9	26.6	39.8





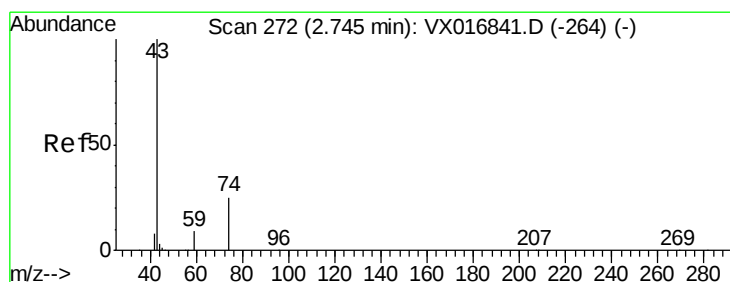
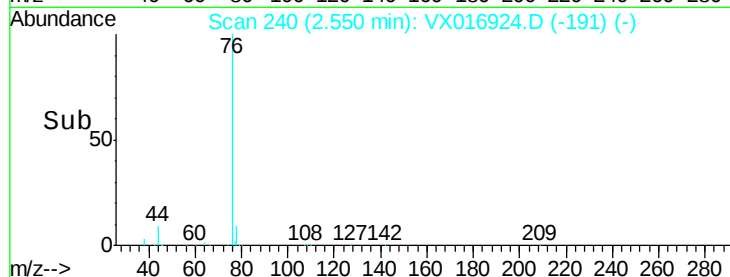
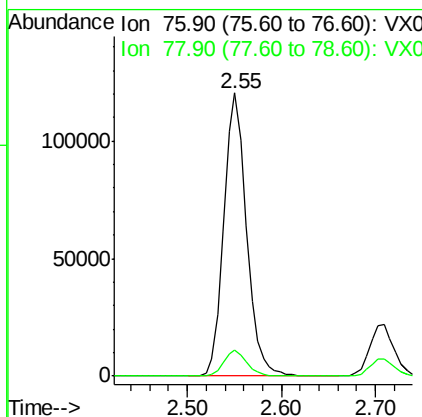
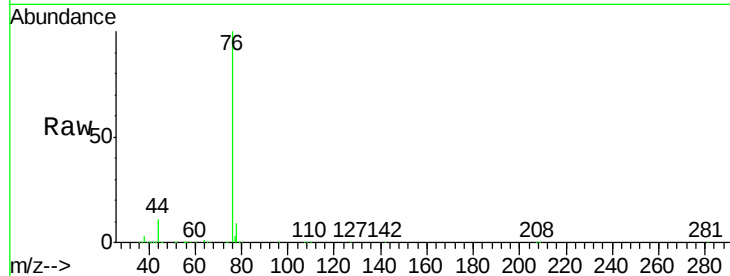
#17
Carbon Disulfide
Concen: 17.742 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

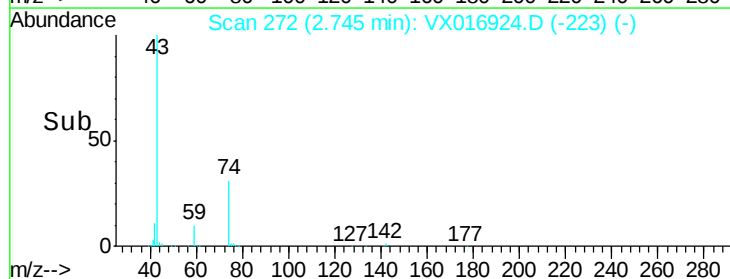
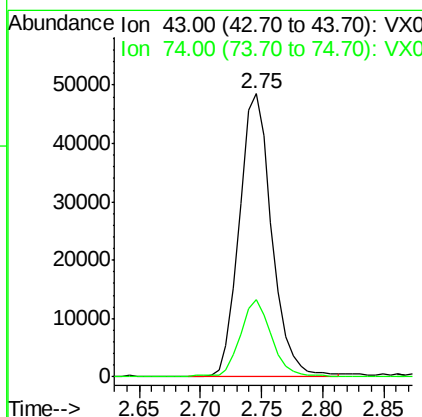
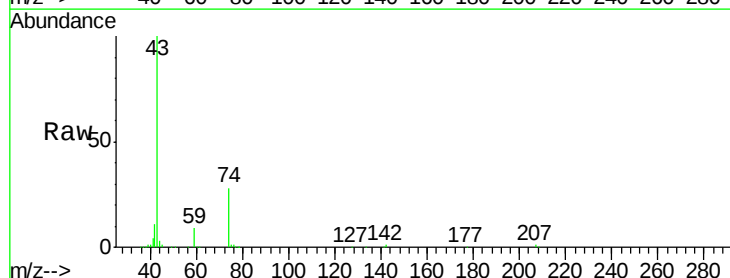
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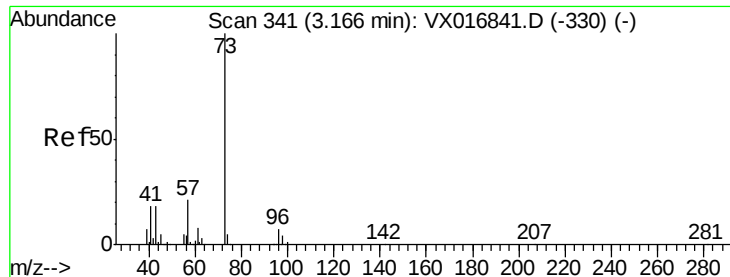
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#18
Methyl Acetate
Concen: 19.393 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	21.8	32.8





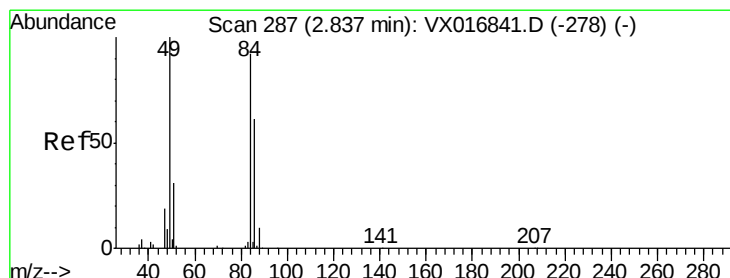
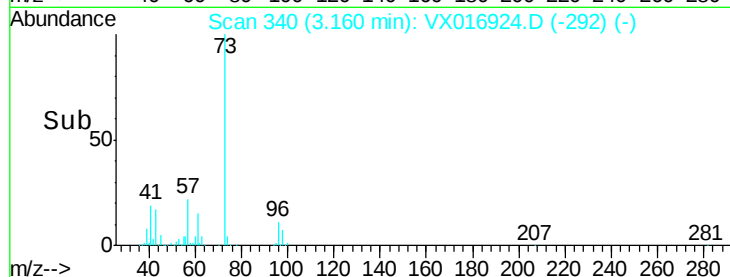
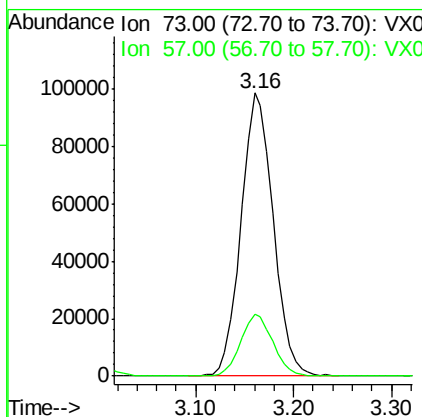
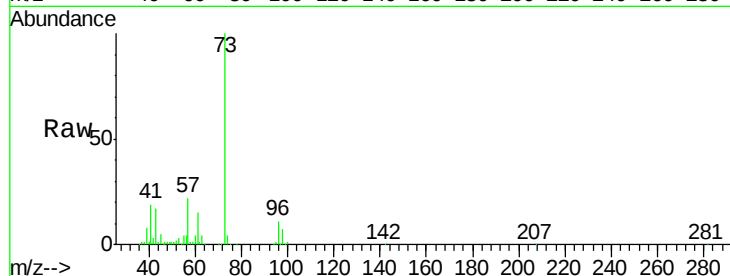
#19
Methvl tert-butvl Ether
Concen: 17.999 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion: 73 Resp: 225492
Ion Ratio Lower Upper
73 100
57 21.8 16.9 25.3

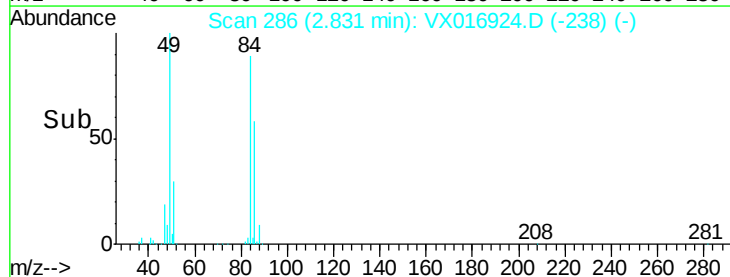
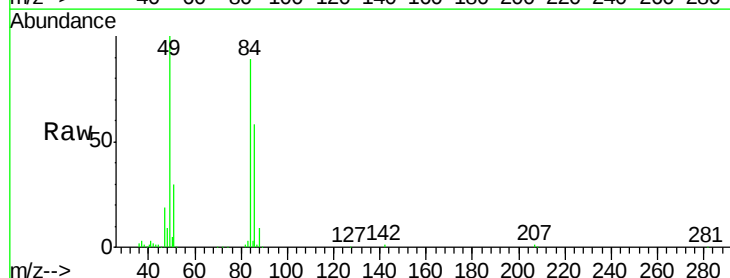
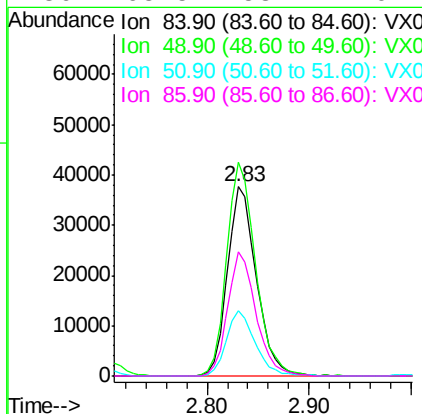
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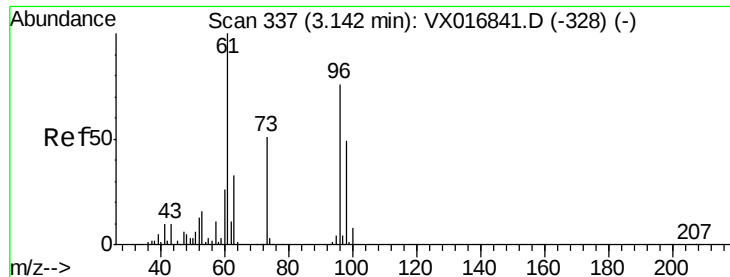
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#20
Methylene Chloride
Concen: 17.121 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion: 84 Resp: 73740
Ion Ratio Lower Upper
84 100
49 112.8 86.6 129.8
51 34.4 27.1 40.7
86 65.5 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 17.469 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

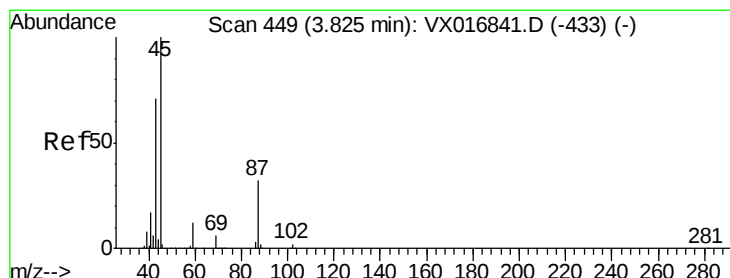
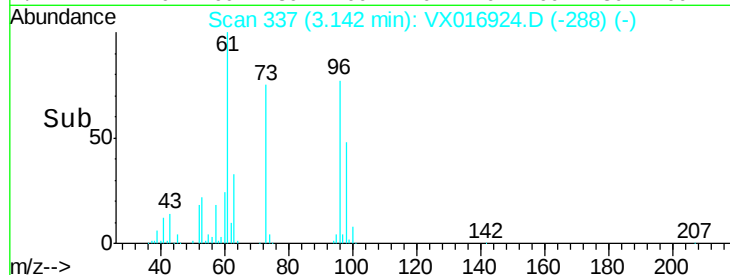
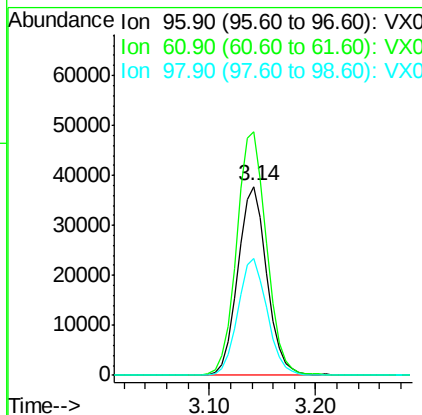
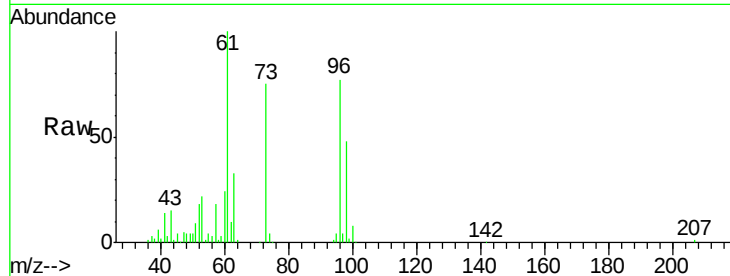
ClientSampleId :

VX0622WBS01

Tot Ion:	96	Resp:	72493
Ion	Ratio	Lower	Upper
96	100		
61	129.1	105.4	158.0
98	62.1	51.3	76.9

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#22

Diisopropyl ether

Concen: 19.465 ug/l

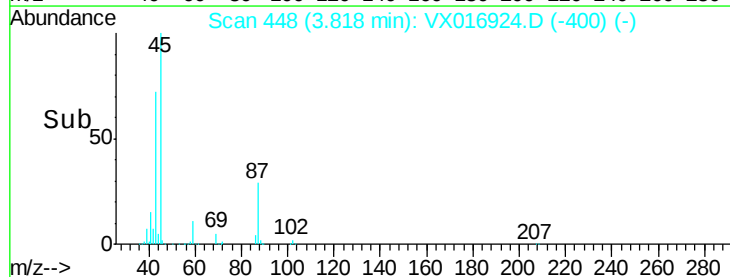
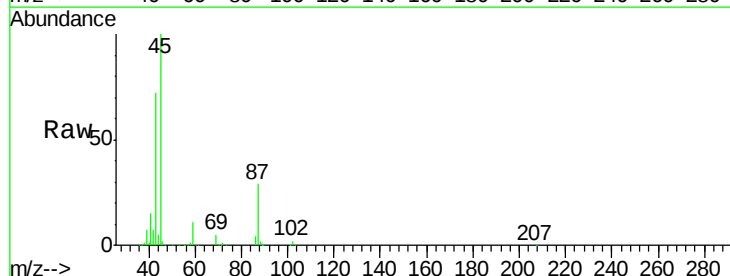
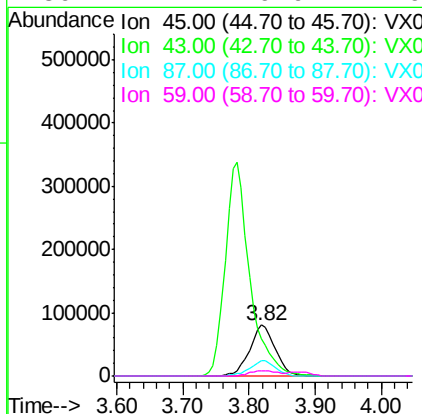
RT: 3.82 min Scan# 448

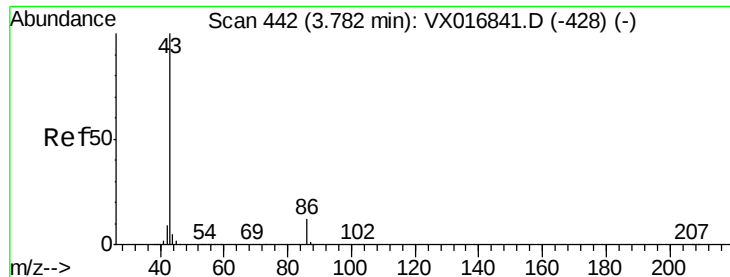
Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Tgt Ion:	45	Resp:	216864
Ion	Ratio	Lower	Upper
45	100		
43	72.2	57.0	85.4
87	29.2	25.2	37.8
59	11.4	9.9	14.9





#23

Vinyl Acetate

Concen: 94.773 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 43 Resp: 870666

Ion Ratio Lower Upper

43 100

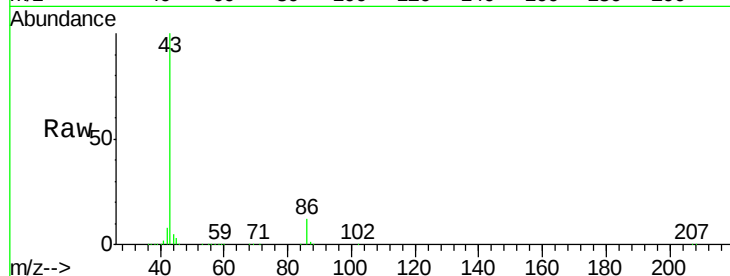
86 12.0 9.9 14.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

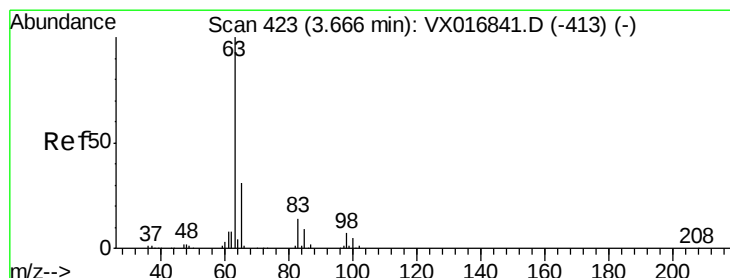
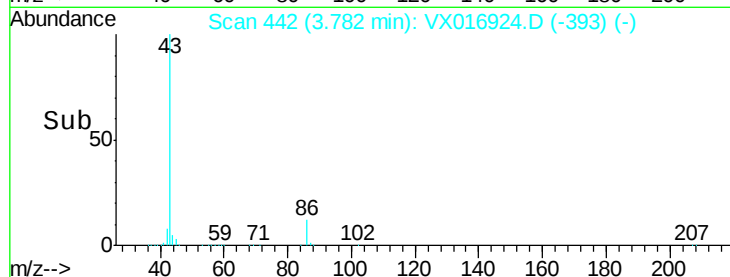
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.139 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

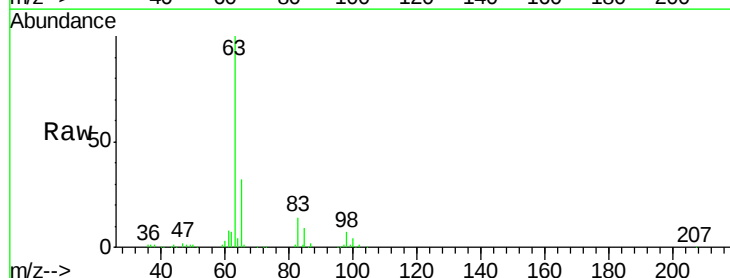
Tgt Ion: 63 Resp: 126235

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

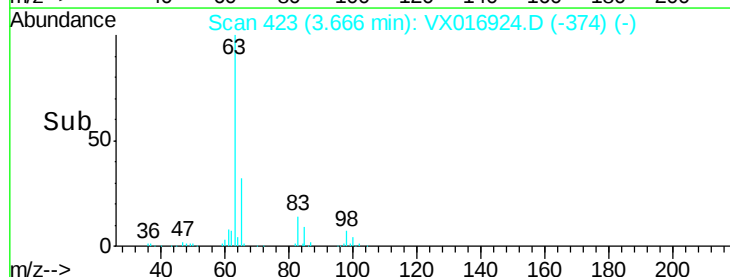
60000

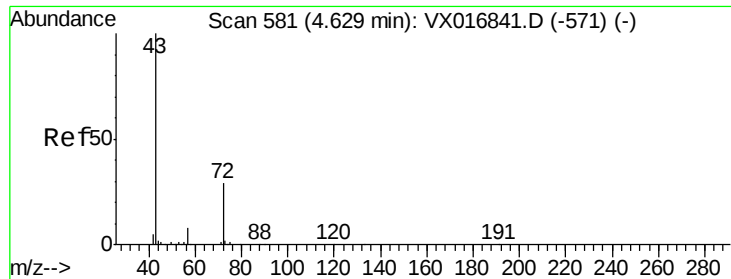
40000

20000

0

Time-->





#25

2-Butanone

Concen: 111.297 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 43 Resp: 275105

Ion Ratio Lower Upper

43 100

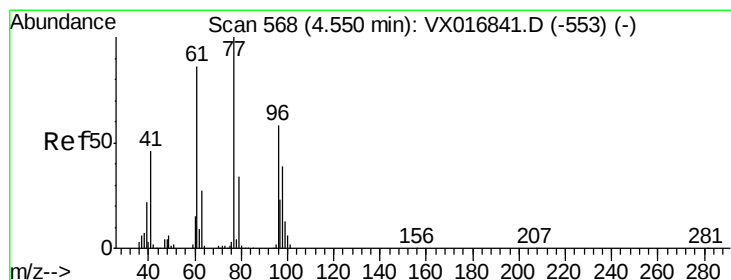
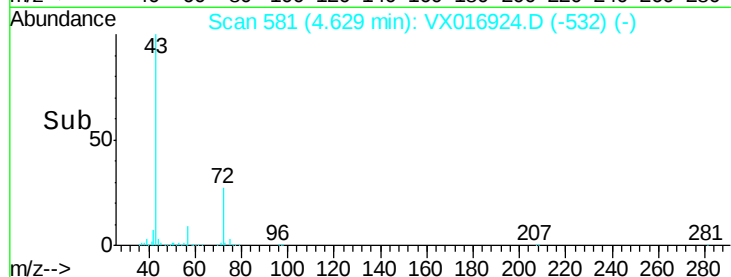
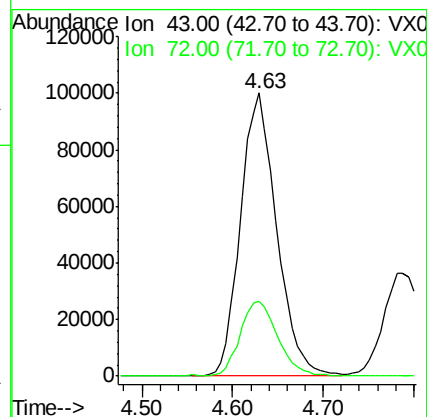
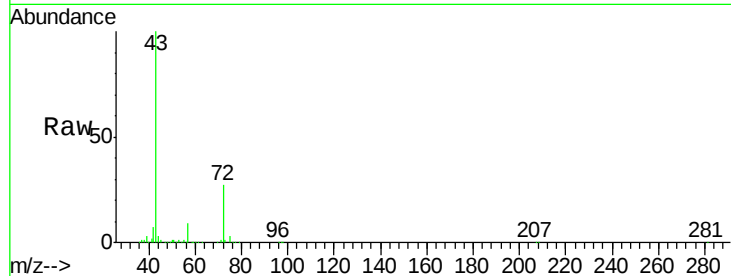
72 26.4 23.5 35.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.425 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016924.D

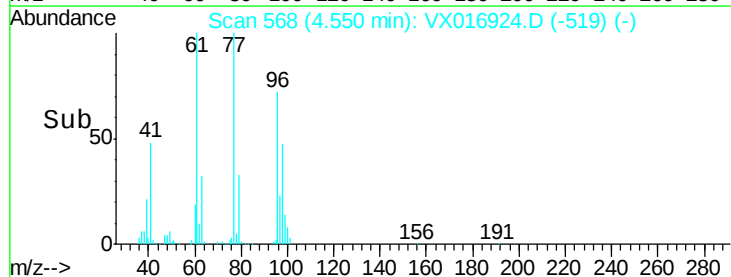
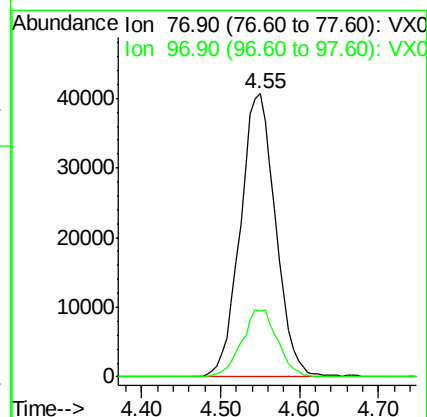
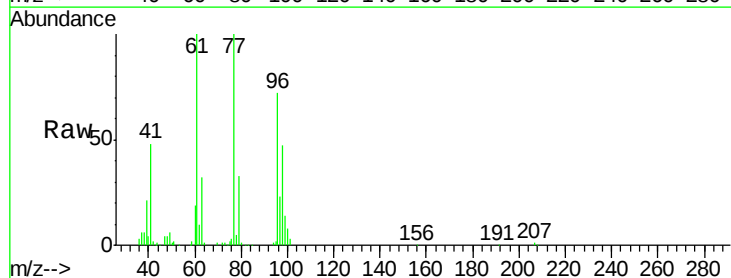
Acq: 22 Jun 2020 16:56

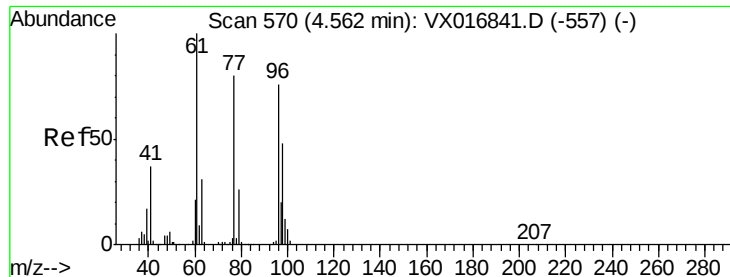
Tgt Ion: 77 Resp: 126655

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.7





#27

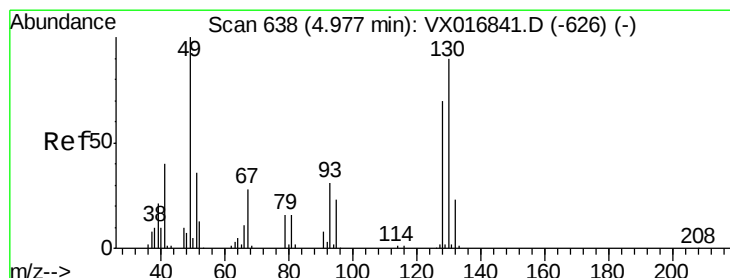
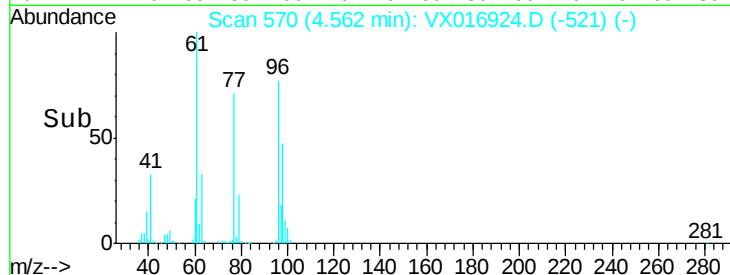
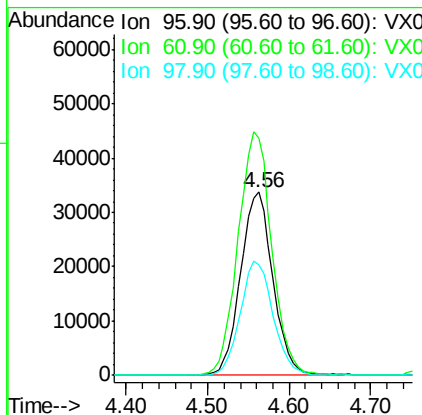
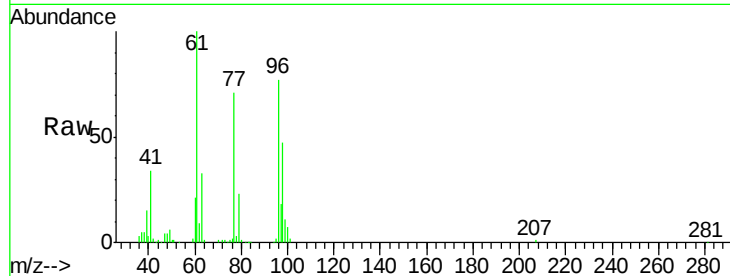
cis-1,2-Dichloroethene
Concen: 19.899 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	138.9	0.0	273.8	
98	63.4	0.0	129.0	

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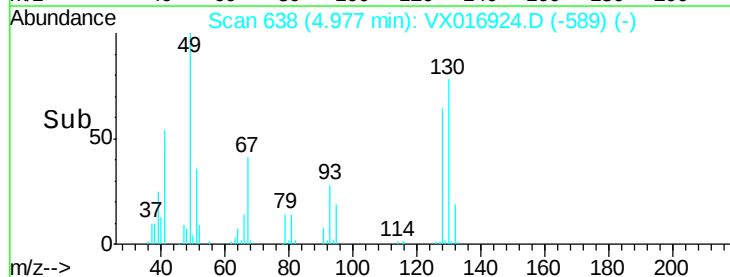
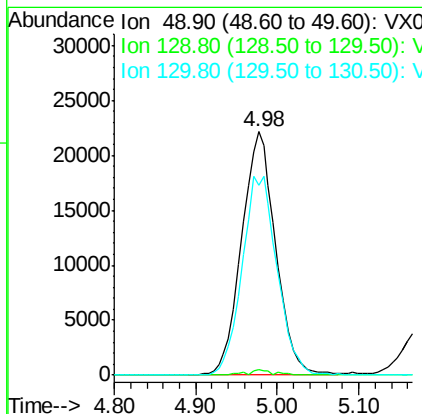
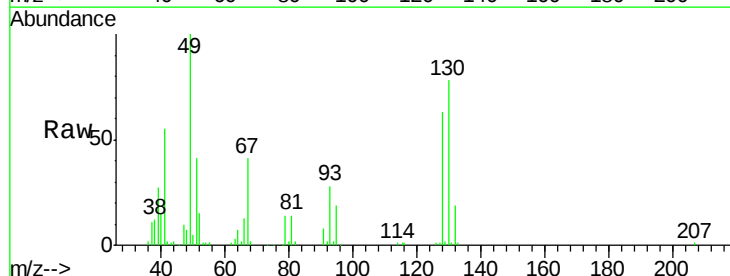
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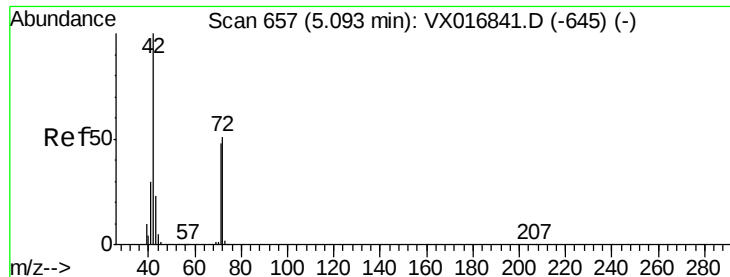


#28

Bromochloromethane
Concen: 22.261 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.6	0.0	5.0	
130	84.2	76.8	115.2	





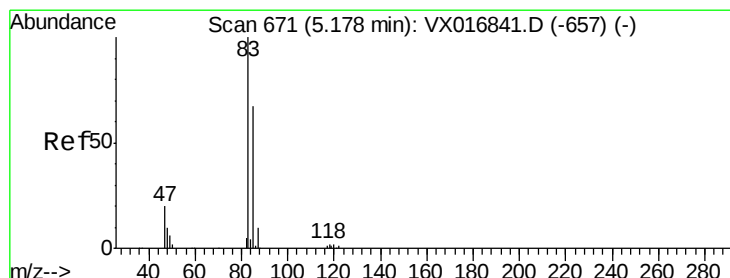
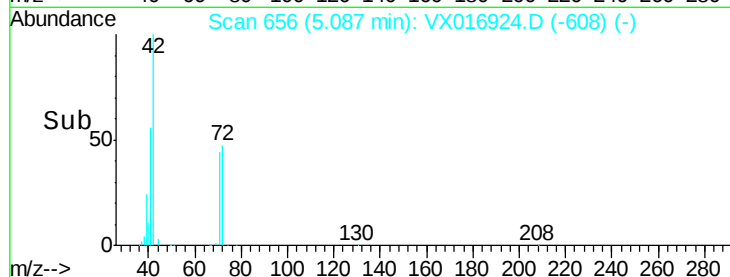
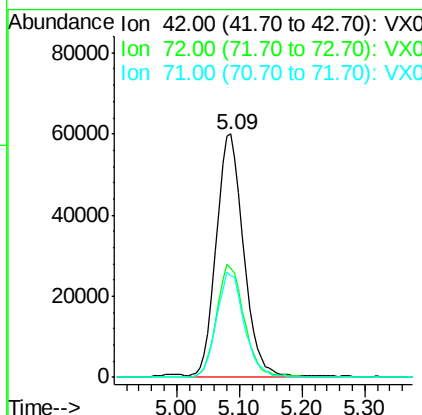
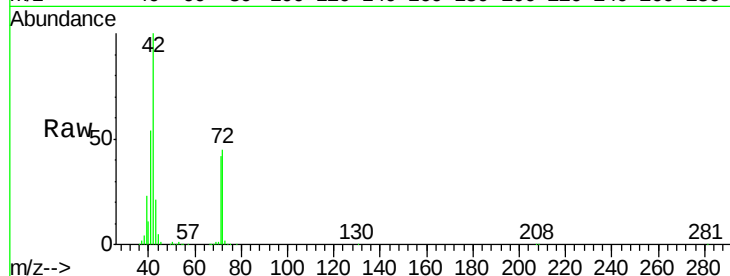
#29
Tetrahydrofuran
Concen: 115.531 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	41.1	61.7
71	43.7	38.4	57.6

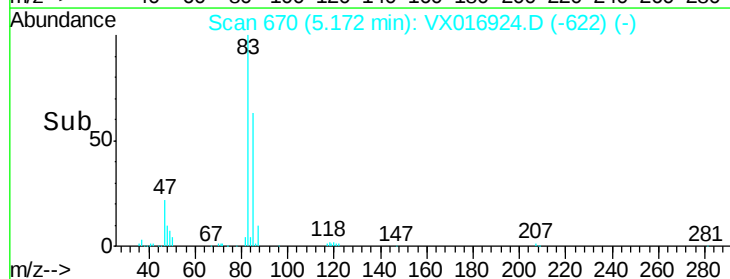
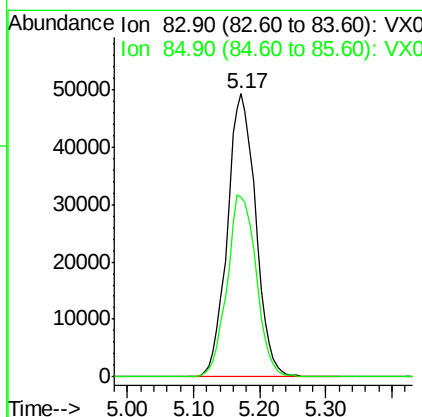
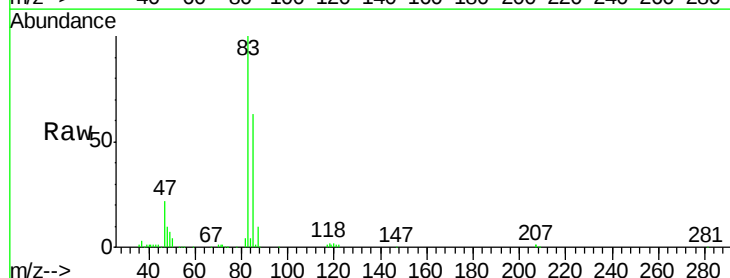
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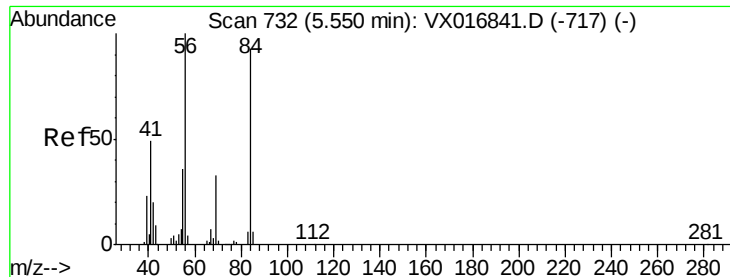
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#30
Chloroform
Concen: 19.962 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.4	80.0





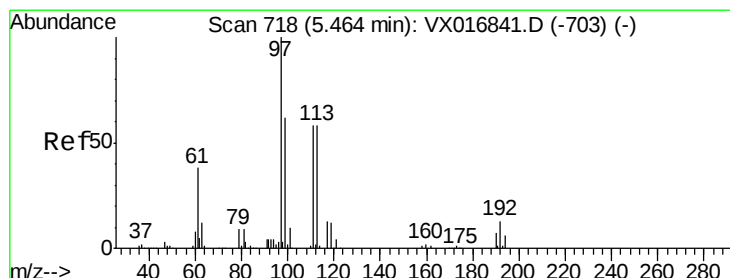
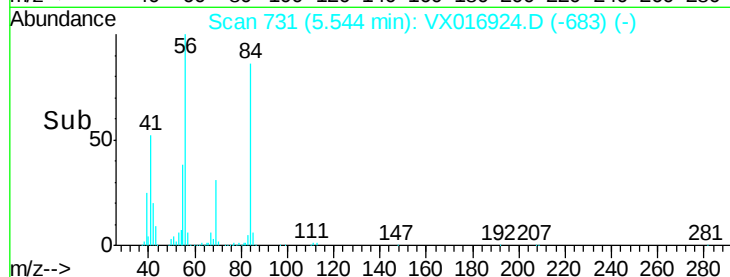
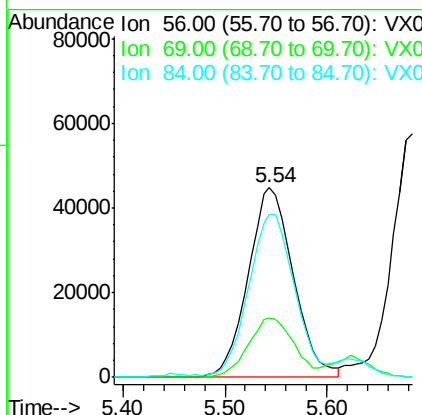
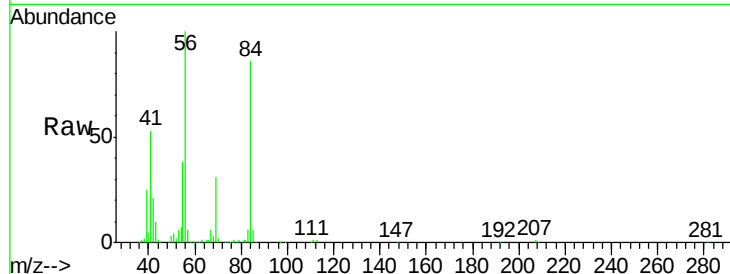
#31
Cyclohexane
Concen: 22.510 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	26.1	39.1
84	85.0	73.0	109.6

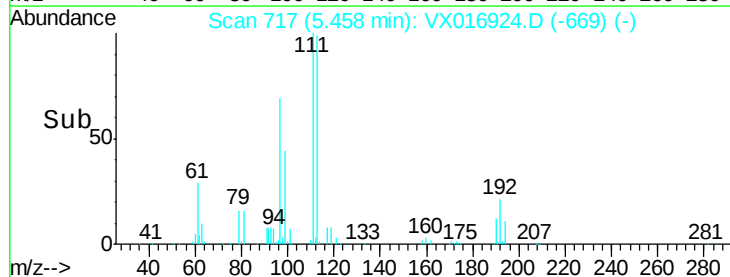
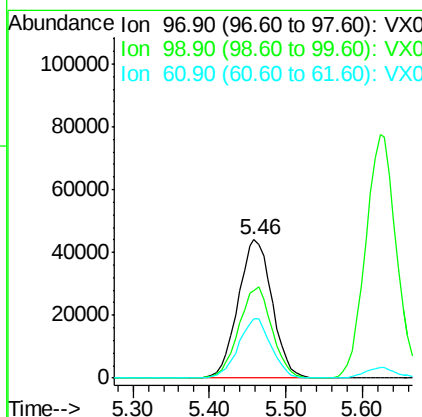
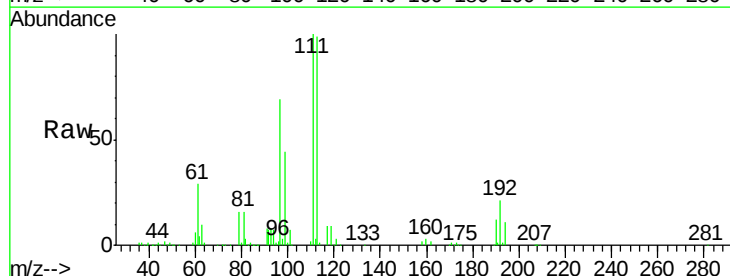
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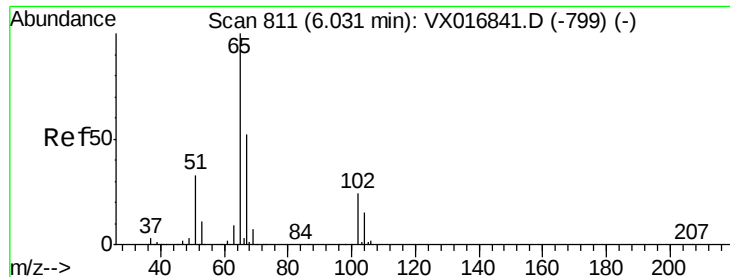
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#32
1,1,1-Trichloroethane
Concen: 19.592 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	41.5	31.3	46.9





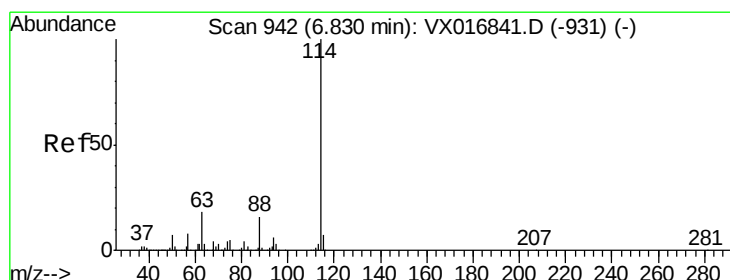
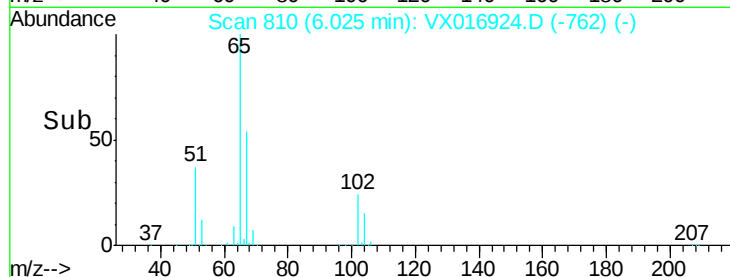
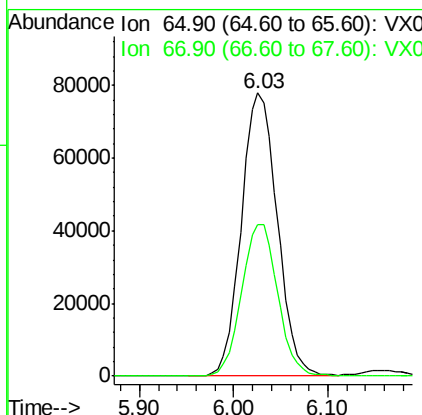
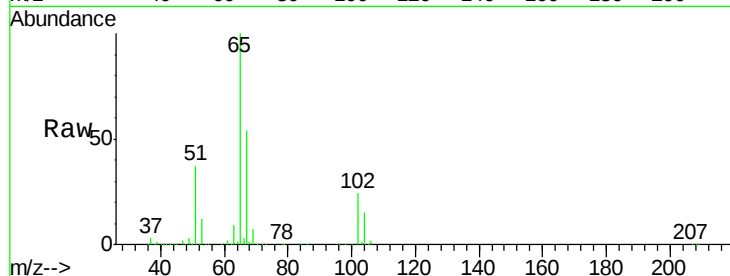
#33
 1,2-Dichloroethane-d4
 Concen: 42.172 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	208648		
67	53.8	0.0	102.6	

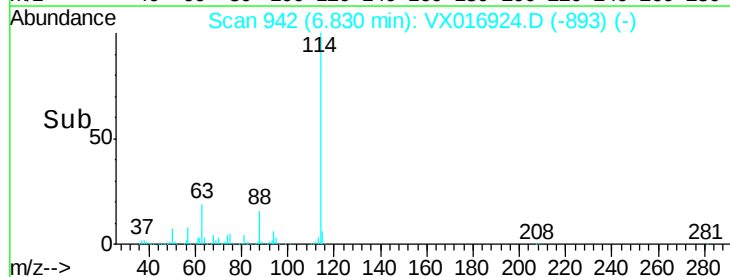
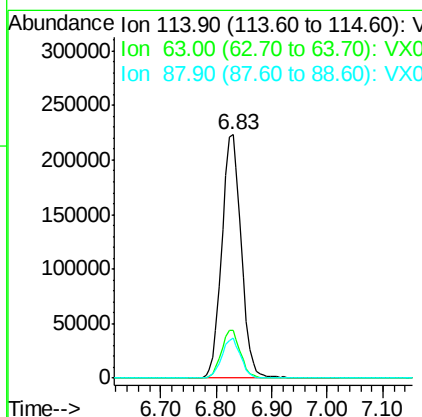
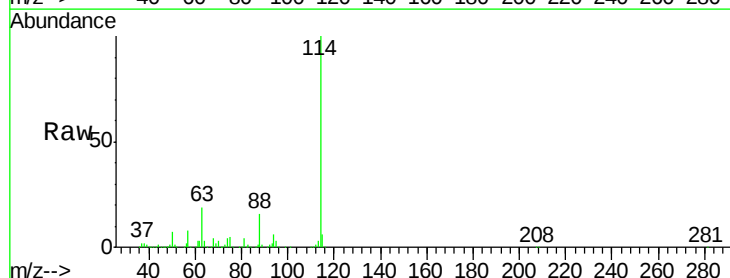
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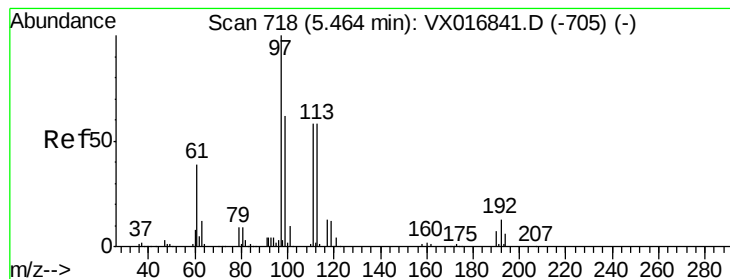
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	538178		
63	19.5	0.0	37.0	
88	16.3	0.0	32.0	





#35

Dibromofluoromethane

Concen: 53.376 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

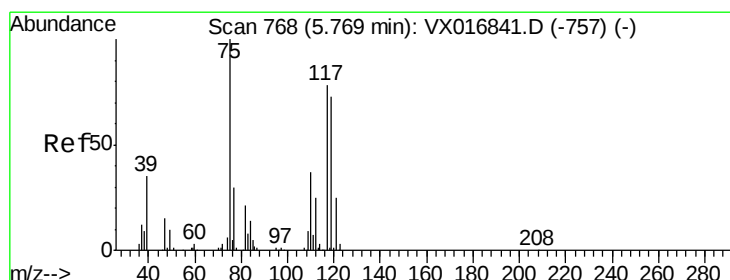
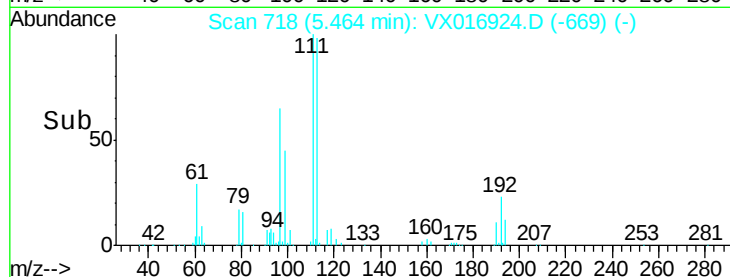
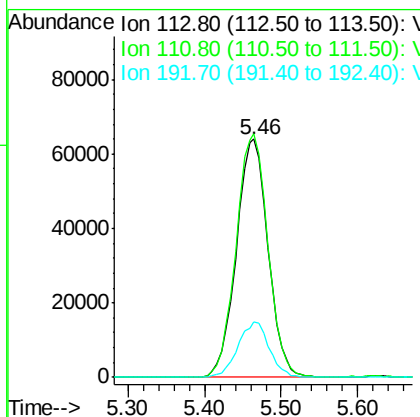
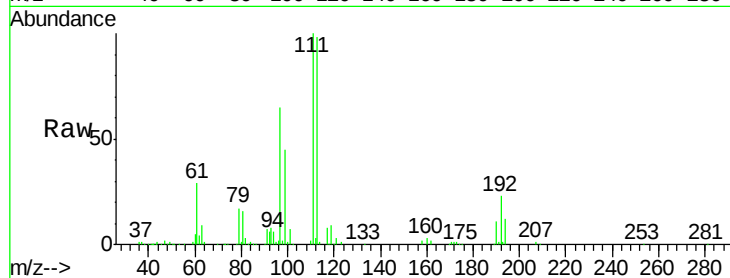
ClientSampleId :

VX0622WBS01

Tot Ion:	113	Resp:	183760
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.0	121.4
192	23.0	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 22.487 ug/l

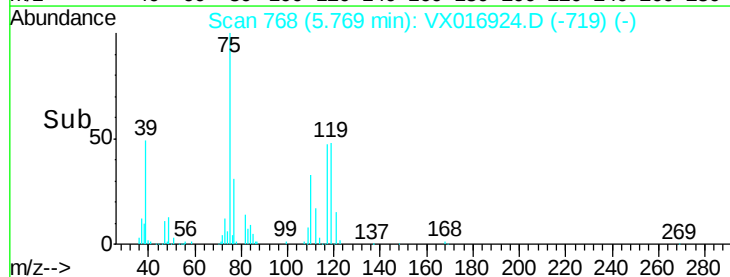
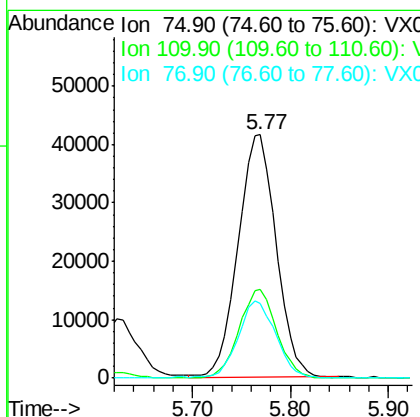
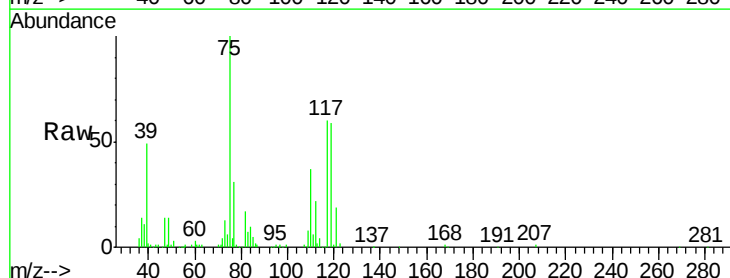
RT: 5.77 min Scan# 768

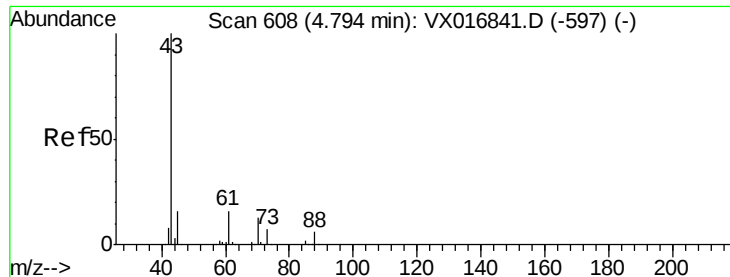
Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Tgt Ion:	75	Resp:	111739
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.9	56.9
77	31.4	25.6	38.4





#37

Ethyl Acetate

Concen: 25.450 ug/l

RT: 4.78 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

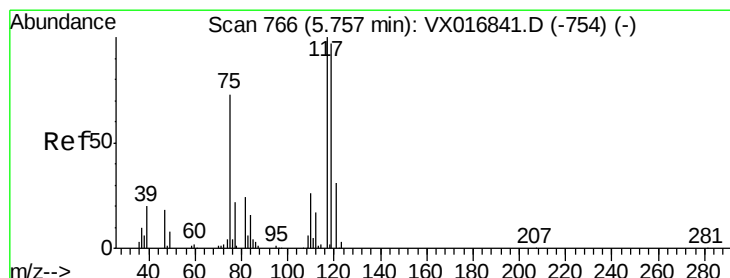
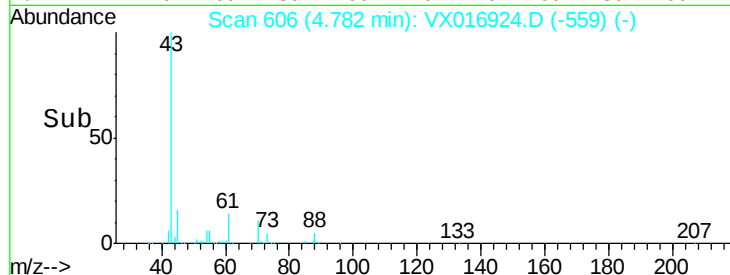
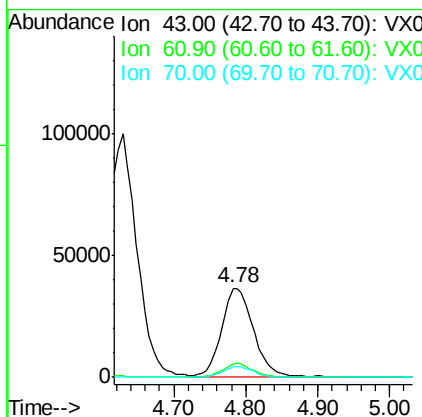
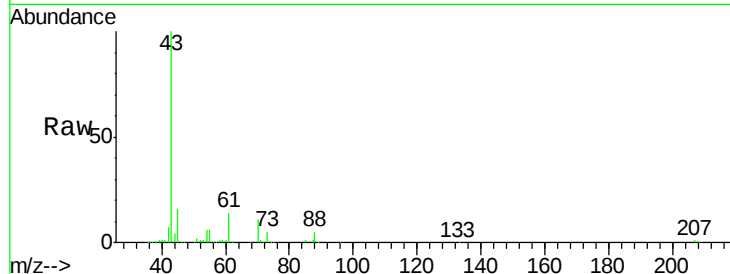
ClientSampleId :

VX0622WBS01

Tot Ion:	43	Resp:	111741
Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.2	18.2
70	12.1	10.5	15.7

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#38

Carbon Tetrachloride

Concen: 20.513 ug/l

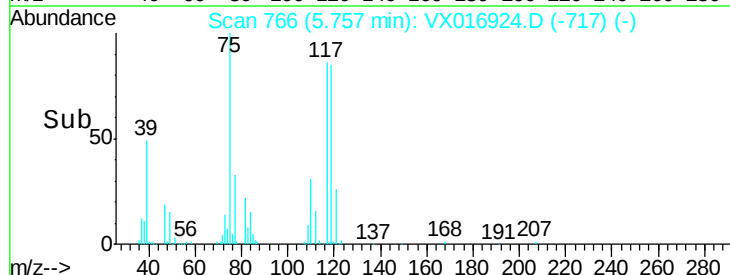
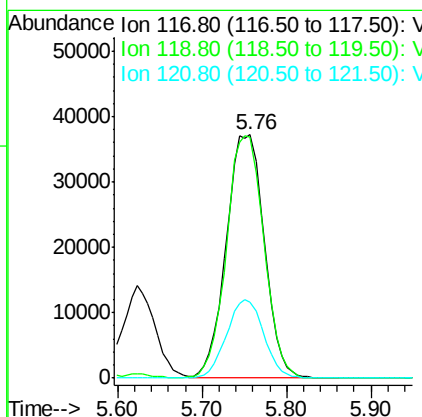
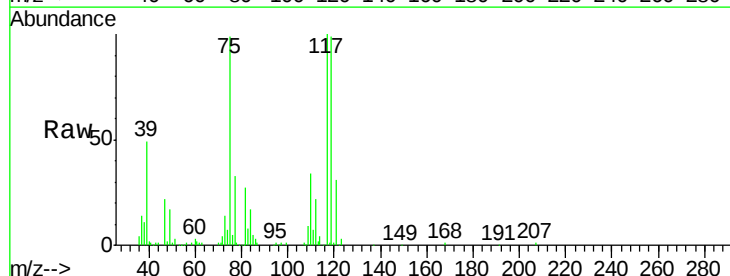
RT: 5.76 min Scan# 766

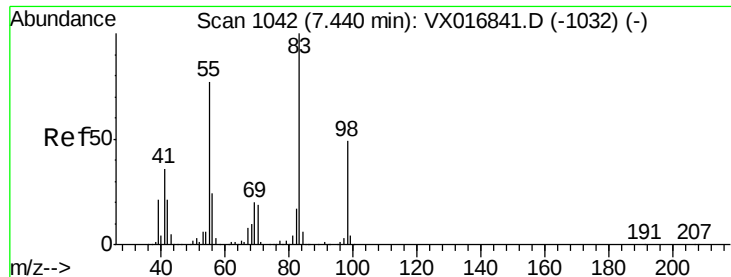
Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Tgt Ion:	117	Resp:	114373
Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.4	116.2
121	31.0	24.7	37.1





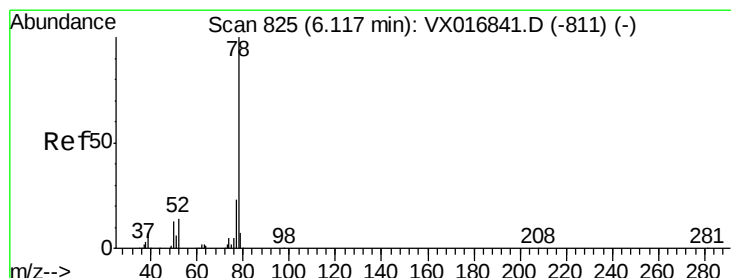
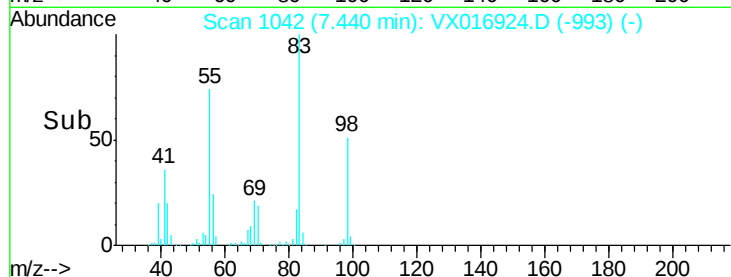
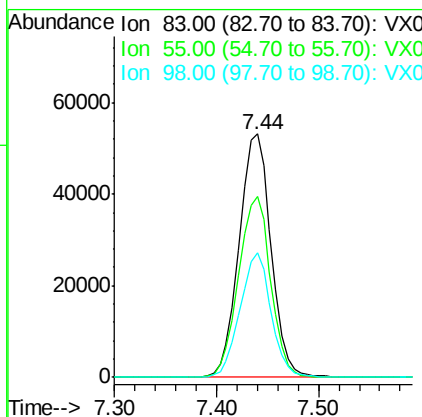
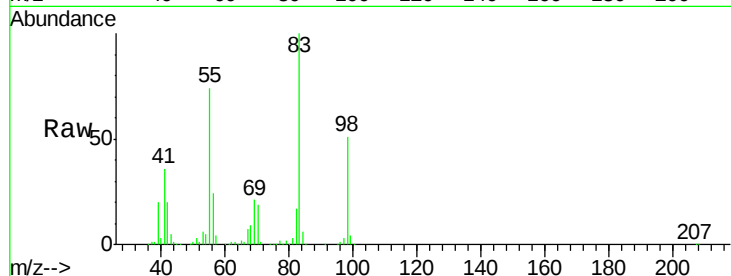
#39
Methvlcvclohexane
Concen: 20.020 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	115675		
55	74.1		61.7	92.5
98	51.1		39.0	58.6

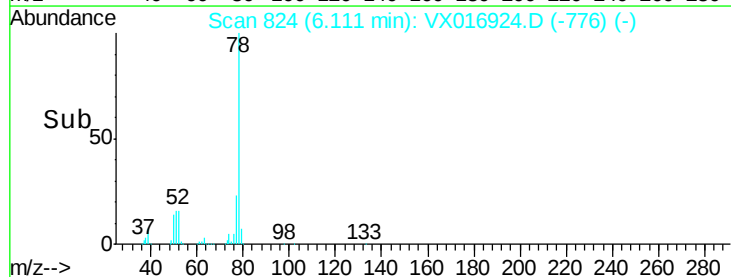
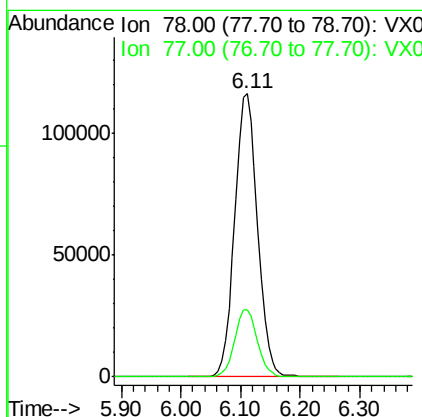
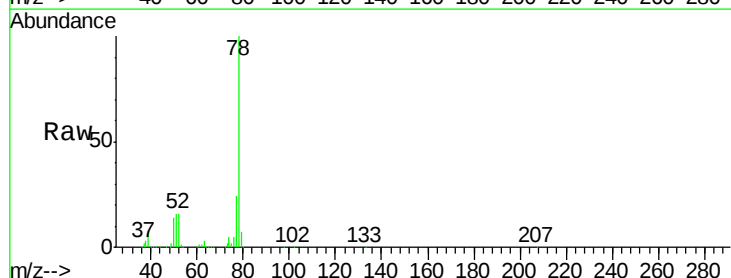
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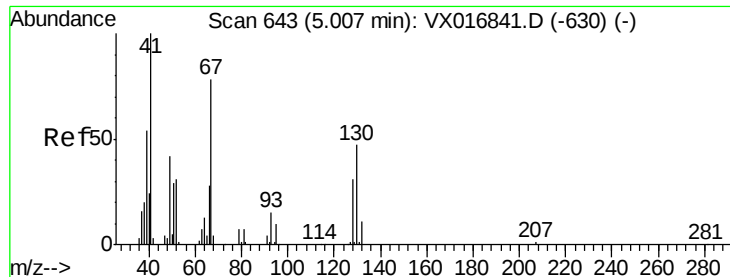
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#40
Benzene
Concen: 20.828 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	310546		
77	23.7		18.6	27.8





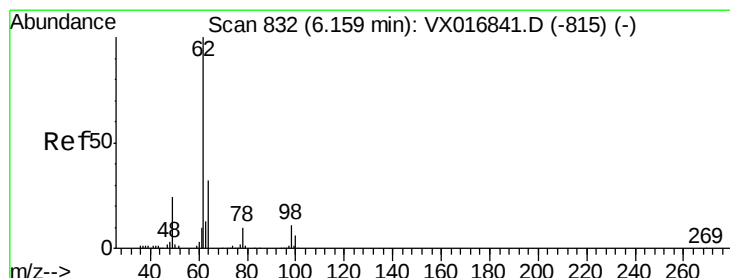
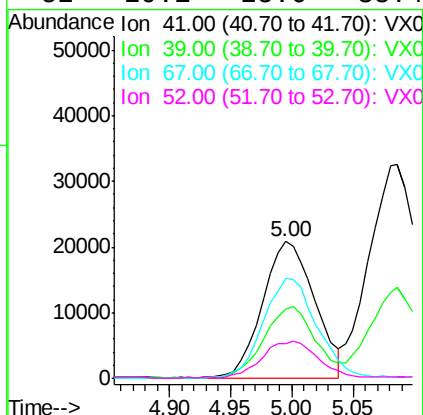
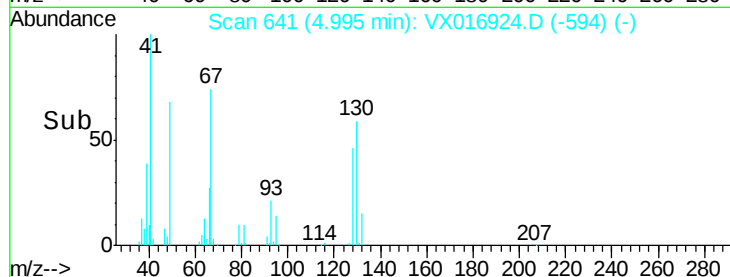
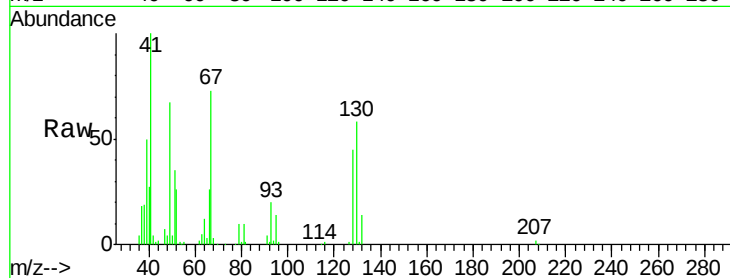
#41
Methacrylonitrile
Concen: 26.015 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	42.6	64.0	
67	75.8	64.2	96.2	
52	29.1	25.6	38.4	

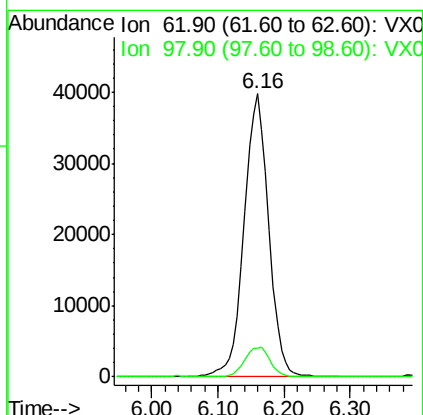
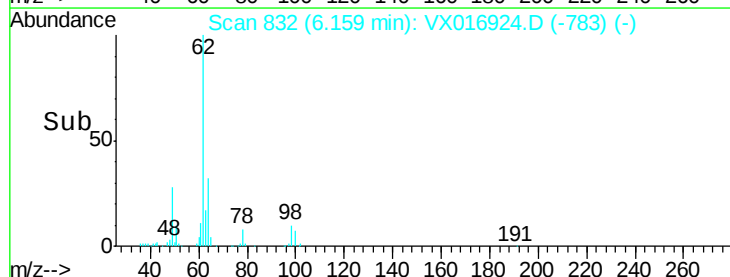
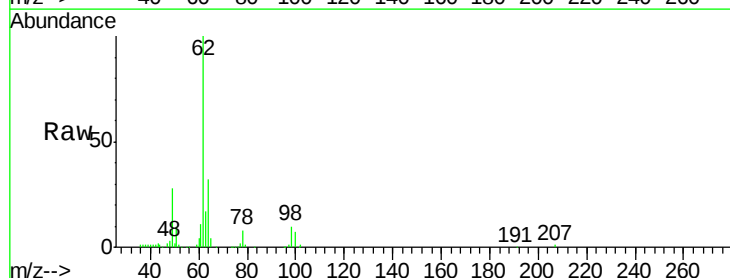
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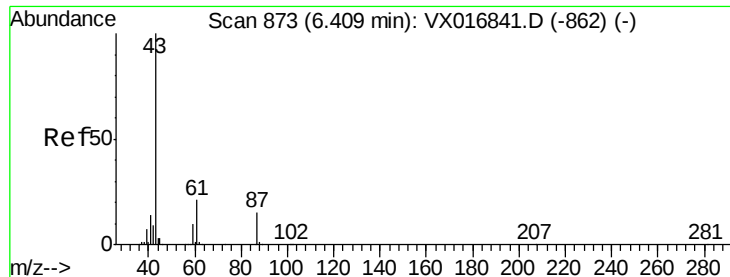
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#42
1,2-Dichloroethane
Concen: 19.470 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.8	0.0	20.8	





#43

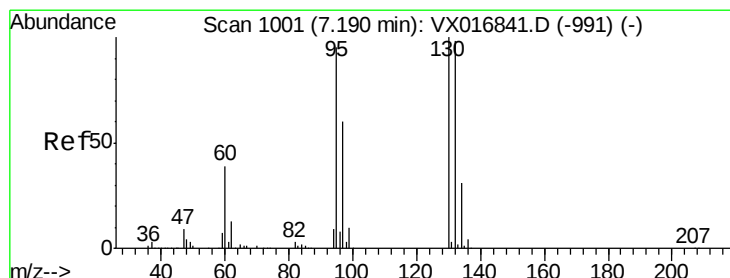
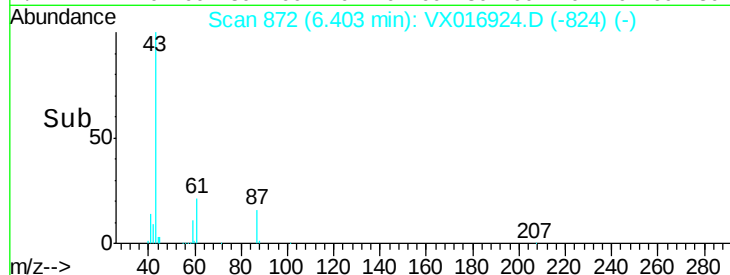
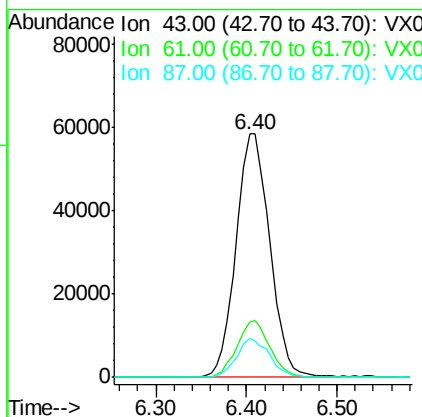
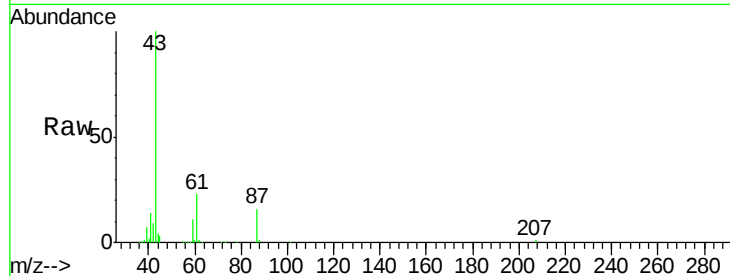
Isopropyl Acetate
 Concen: 19.549 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.8	17.9	26.9
87	15.6	12.4	18.6

Manual Integrations
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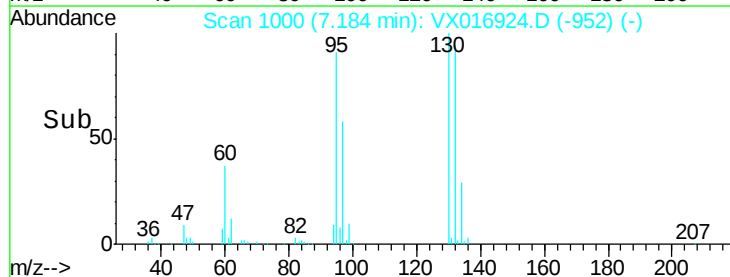
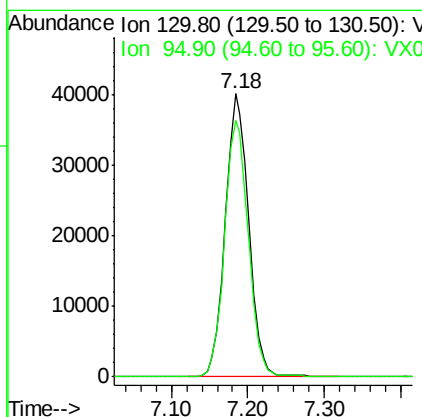
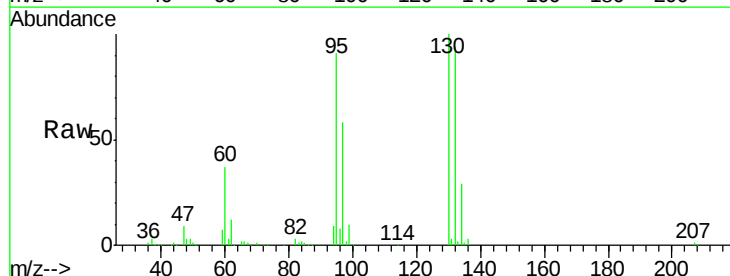
MMDadoda
 6/23/2020 11:03:11 AM

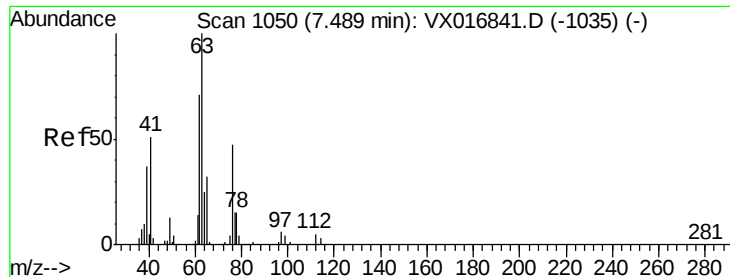


#44

Trichloroethene
 Concen: 18.564 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	190.8





#45

1,2-Dichloropropane

Concen: 19.752 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 63 Resp: 74036

Ion Ratio Lower Upper

63 100

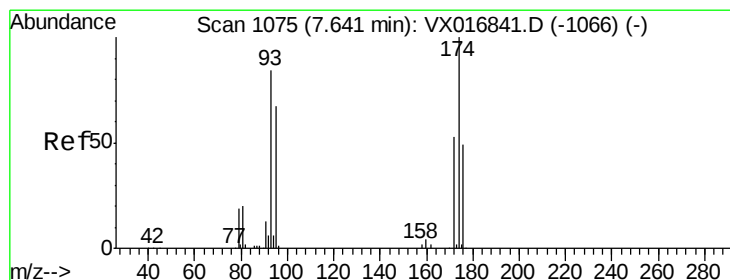
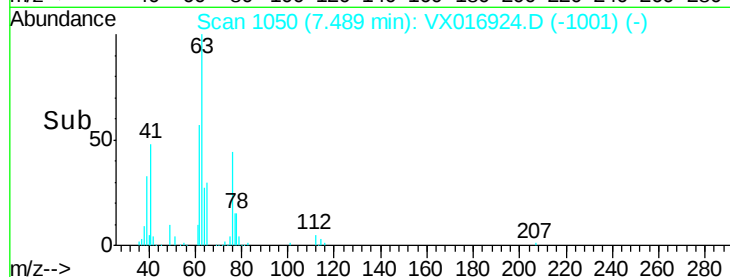
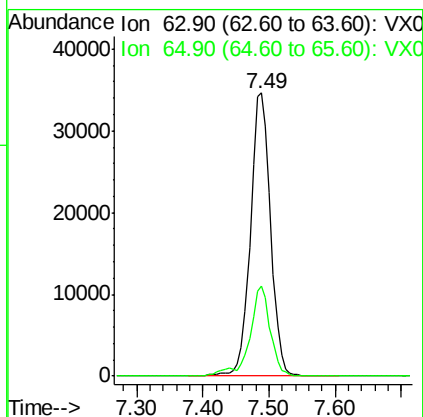
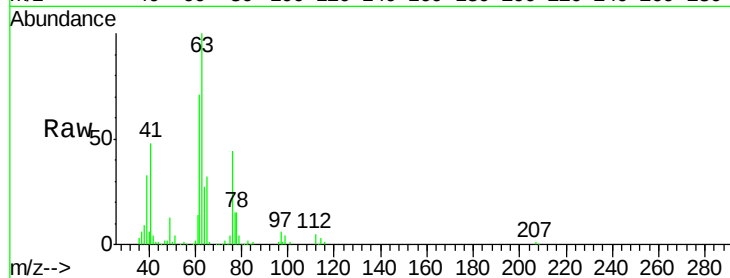
65 31.6 25.8 38.8

Manual Integrations

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6/23/2020 11:03:11 AM



#46

Dibromomethane

Concen: 18.922 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

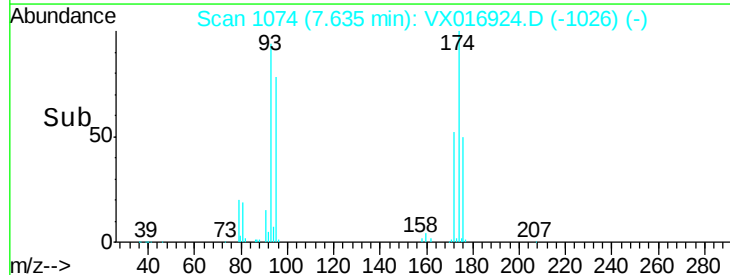
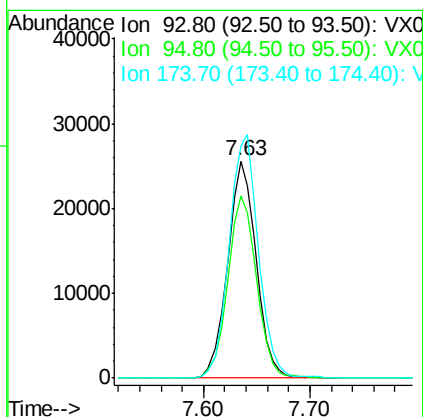
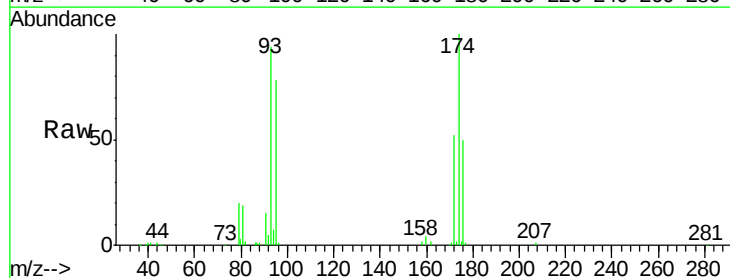
Tgt Ion: 93 Resp: 48098

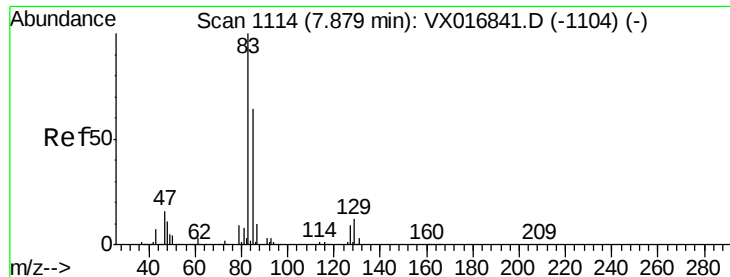
Ion Ratio Lower Upper

93 100

95 84.9 65.7 98.5

174 115.2 92.8 139.2





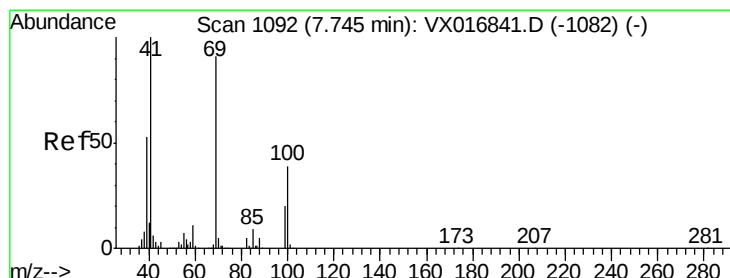
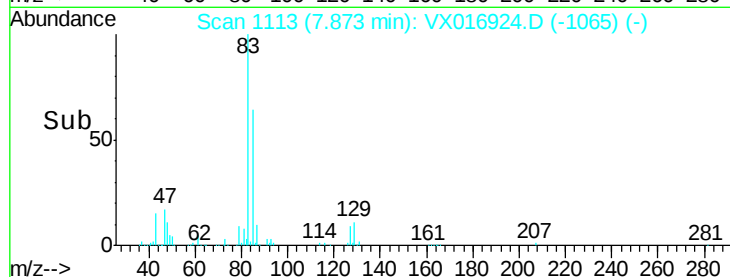
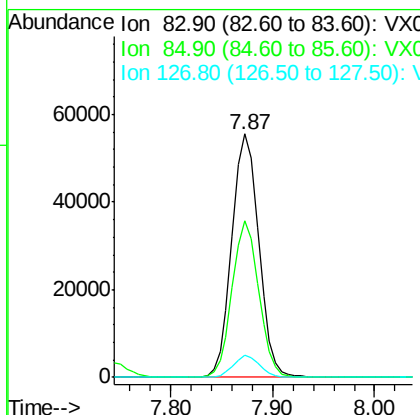
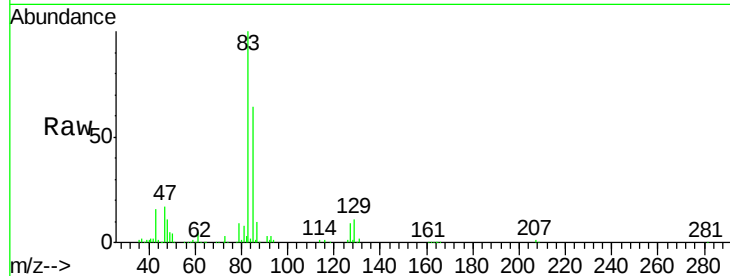
#47
Bromodichloromethane
Concen: 18.807 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.9	76.3
127	9.3	7.4	11.0

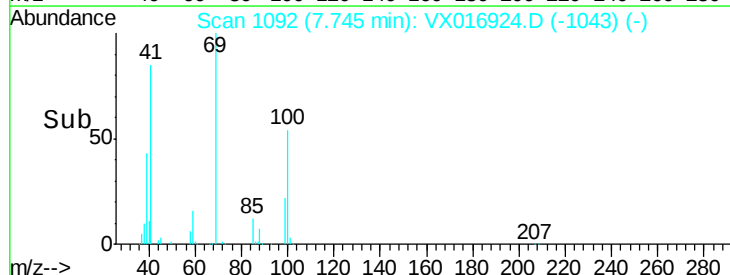
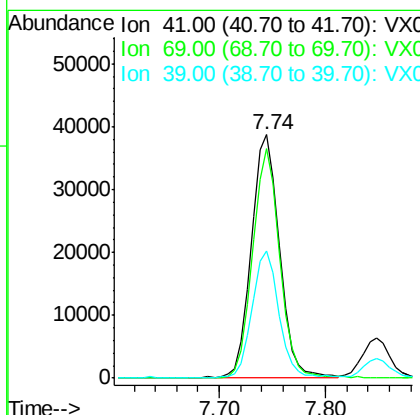
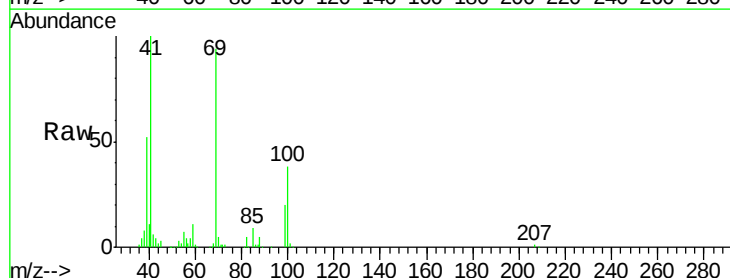
Manual Integrations
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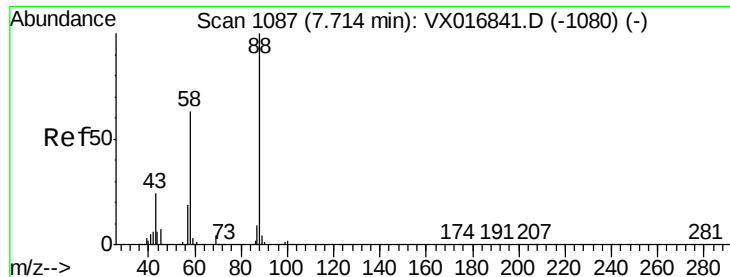
MMDadoda
6/23/2020 11:03:11 AM



#48
Methyl methacrylate
Concen: 19.899 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.3	73.3	109.9
39	49.5	42.4	63.6





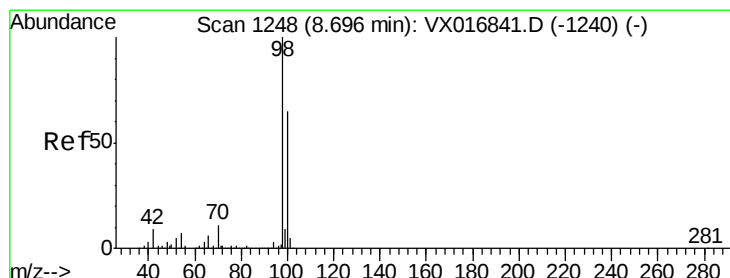
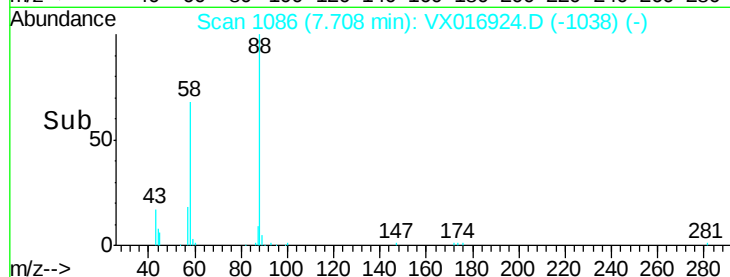
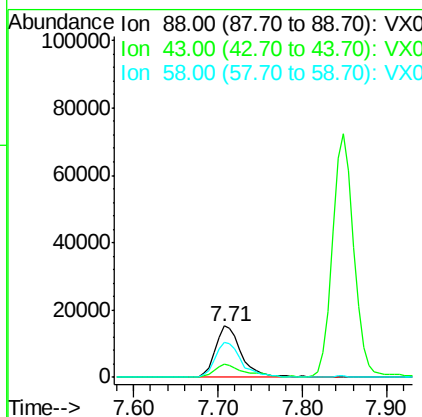
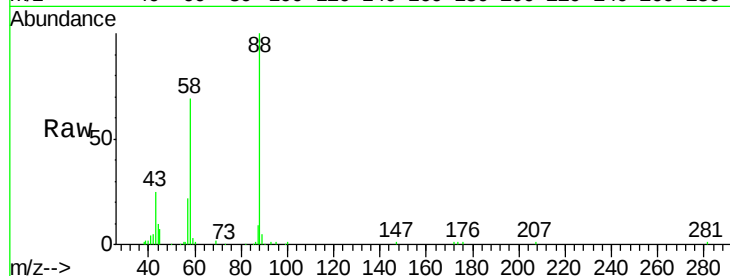
#49
1,4-Dioxane
Concen: 406.132 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.5	22.7	34.1
58	70.5	53.1	79.7

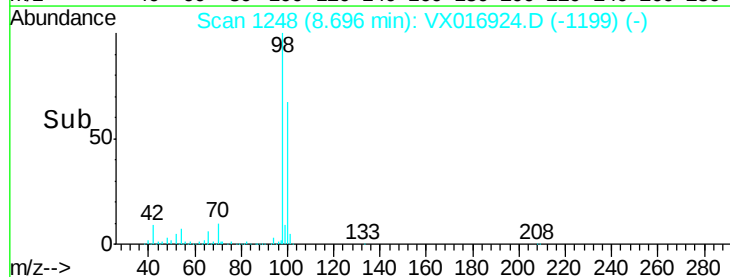
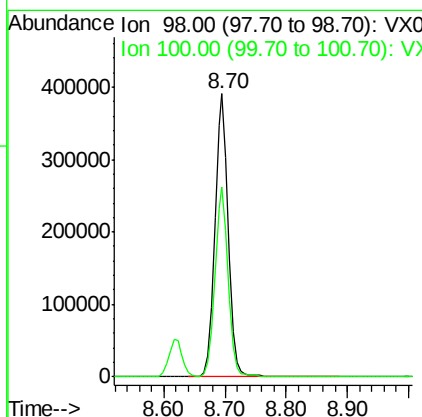
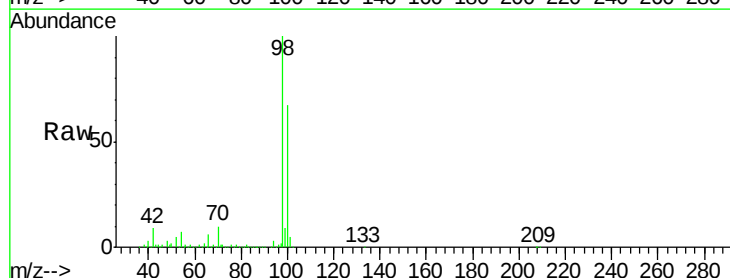
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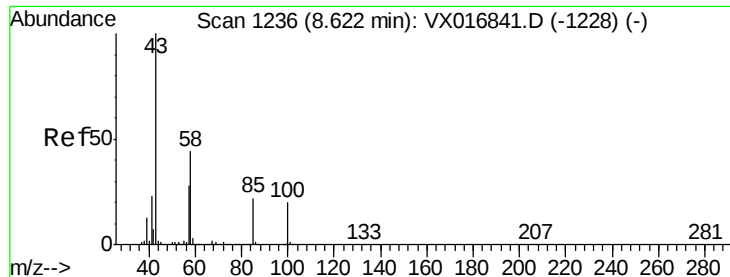
MMDadoda
6/23/2020 11:03:11 AM



#50
Toluene-d8
Concen: 44.408 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 96.395 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 43 Resp: 444522

Ion Ratio Lower Upper

43 100

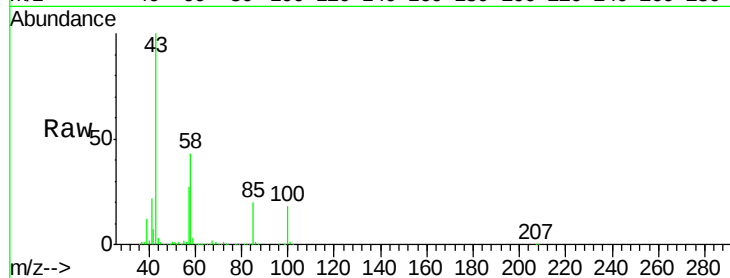
58 42.8 34.3 51.5

Manual Integrations

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MMDadoda

6/23/2020 11:03:11 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

300000

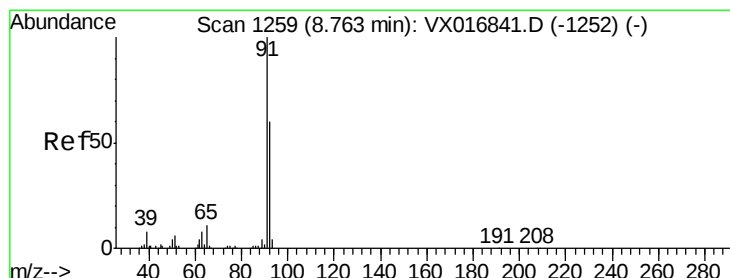
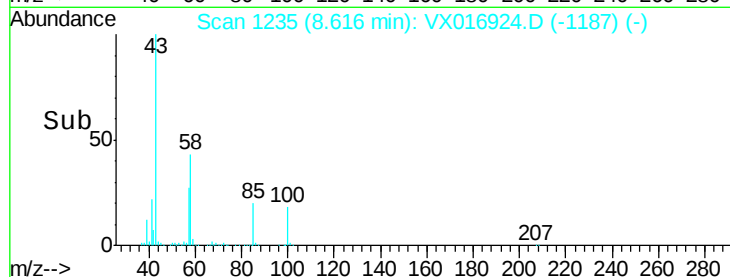
200000

100000

0

8.50 8.60 8.70

Time-->



#52

Toluene

Concen: 18.751 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016924.D

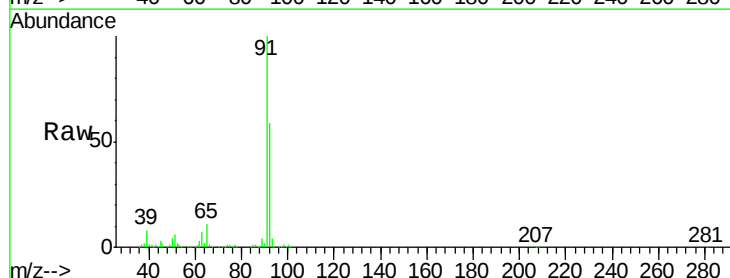
Acq: 22 Jun 2020 16:56

Tgt Ion: 92 Resp: 185469

Ion Ratio Lower Upper

92 100

91 168.4 134.2 201.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

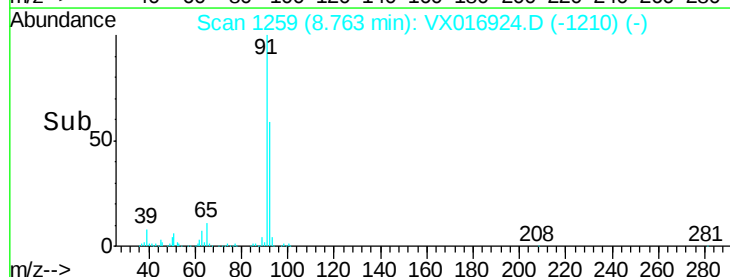
100000

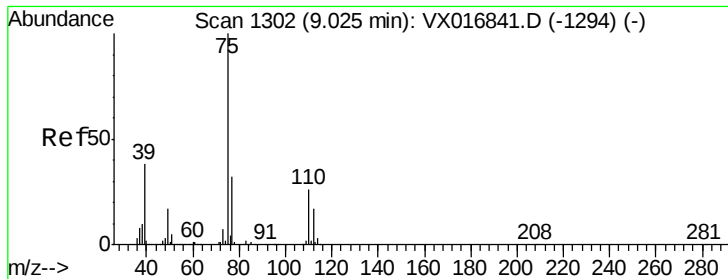
50000

0

8.70 8.80 8.90

Time-->





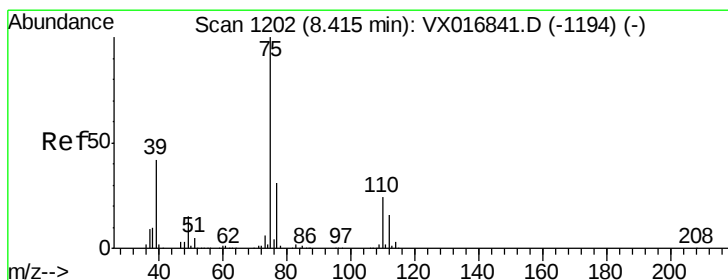
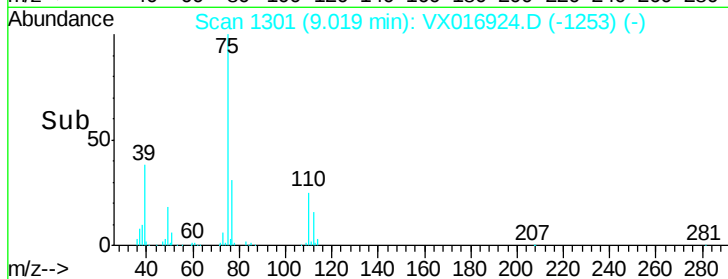
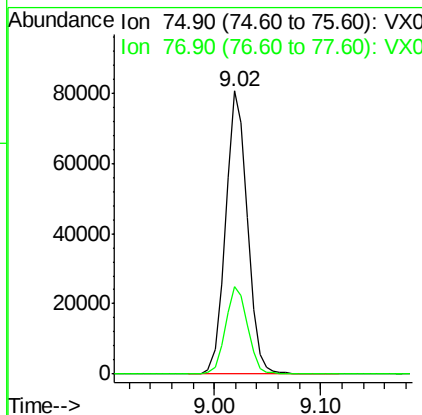
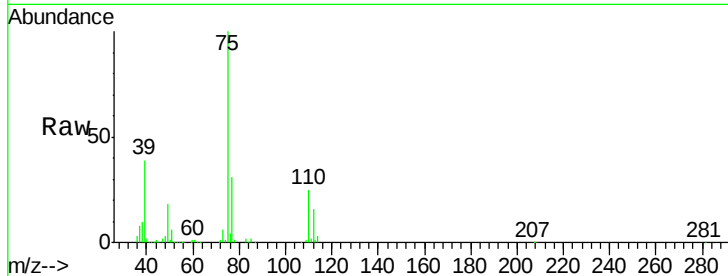
#53
t-1,3-Dichloropropene
Concen: 19.396 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.3	37.9

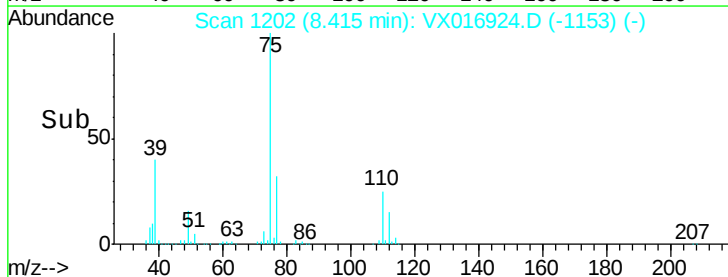
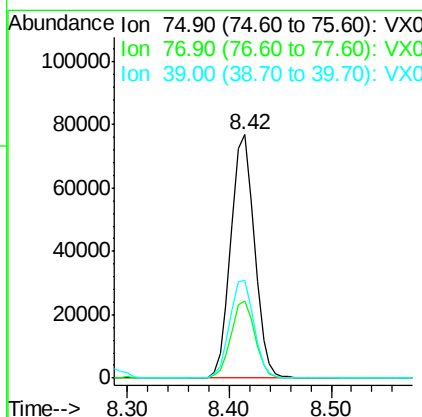
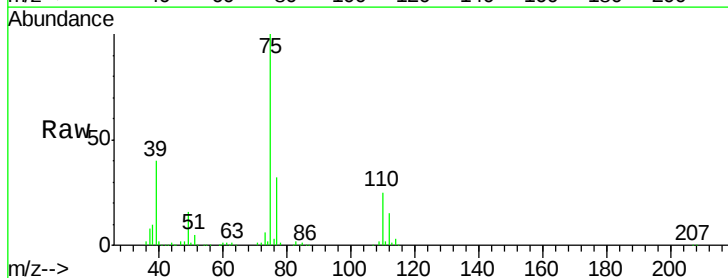
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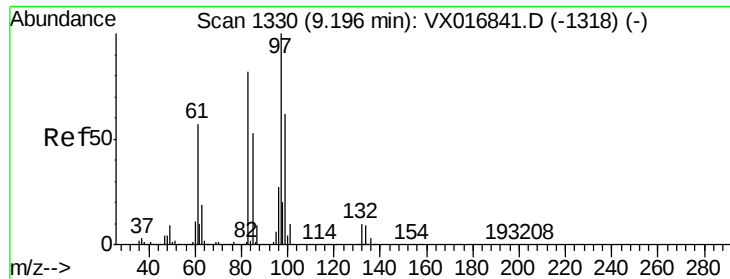
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.394 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.9	37.3
39	40.2	33.4	50.0





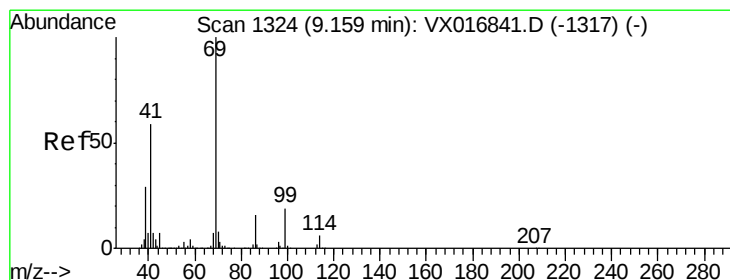
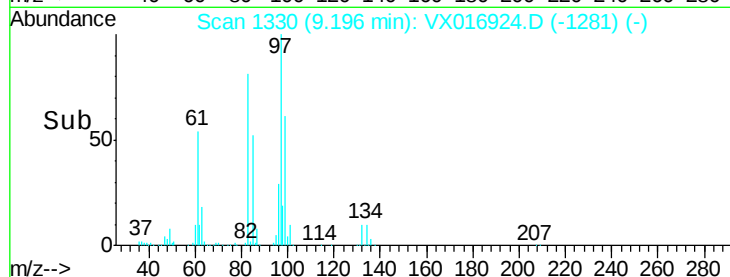
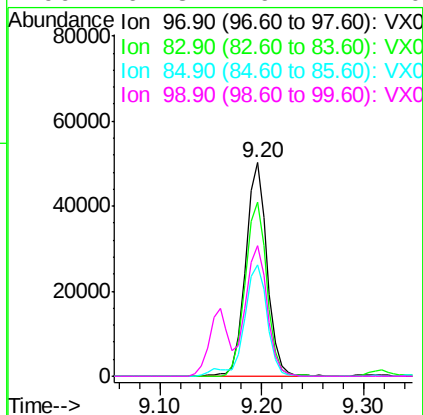
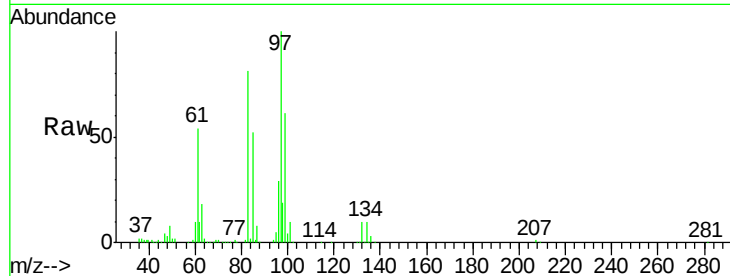
#55
 1,1,2-Trichloroethane
 Concen: 19.604 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.5	65.5	98.3
85	51.9	42.6	63.8
99	61.3	49.4	74.0

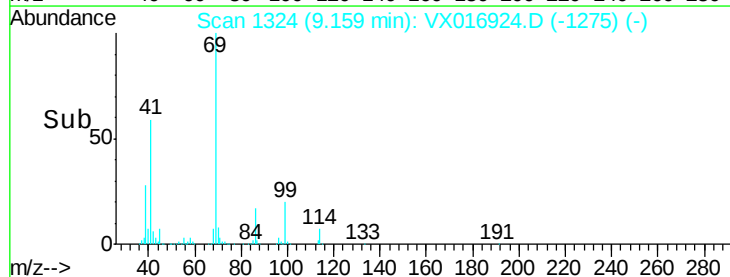
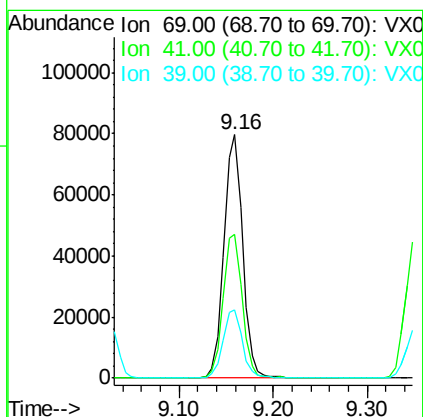
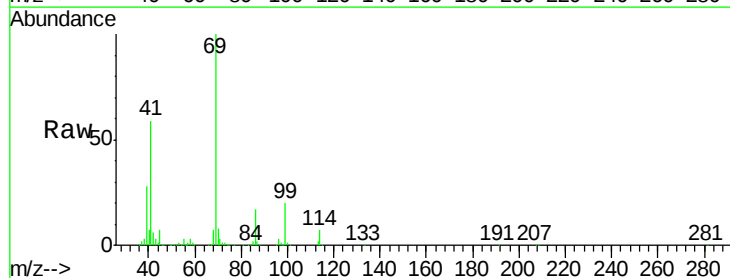
Manual Integrations
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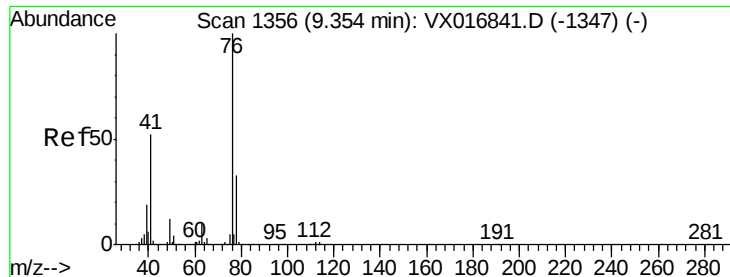
MMDadoda
 6/23/2020 11:03:11 AM



#56
 Ethyl methacrylate
 Concen: 20.343 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.2	47.9	71.9
39	28.6	24.2	36.4





#57

1,3-Dichloropropane

Concen: 19.499 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 76 Resp: 123448

Ion Ratio Lower Upper

76 100

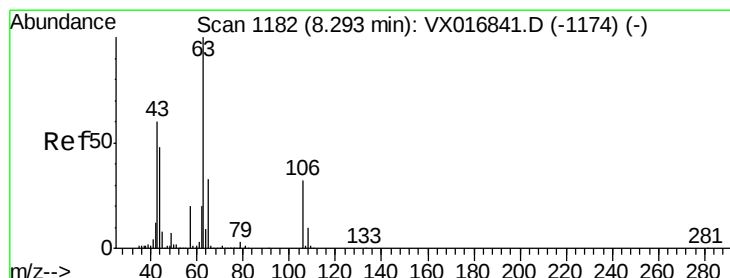
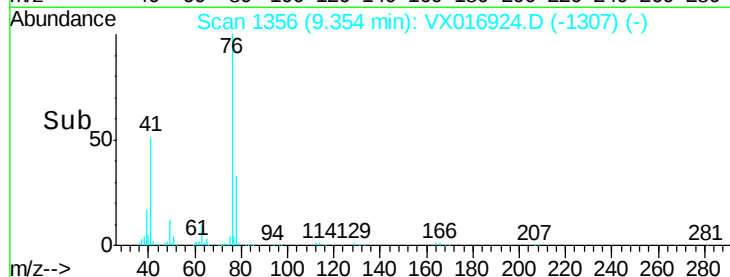
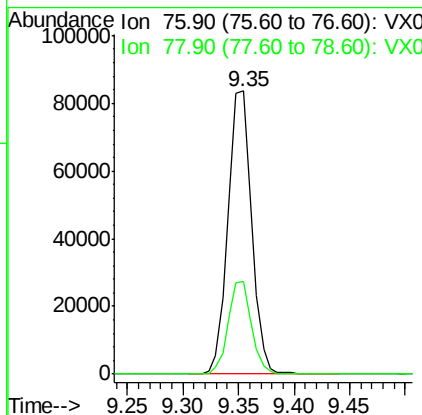
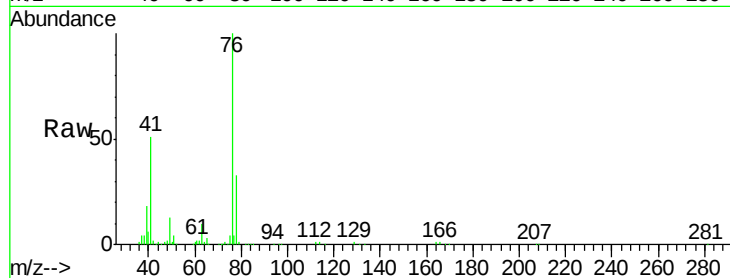
78 32.1 25.8 38.6

Manual Integrations

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6/23/2020 11:03:11 AM



#58

2-Chloroethyl Vinyl ether

Concen: 98.423 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016924.D

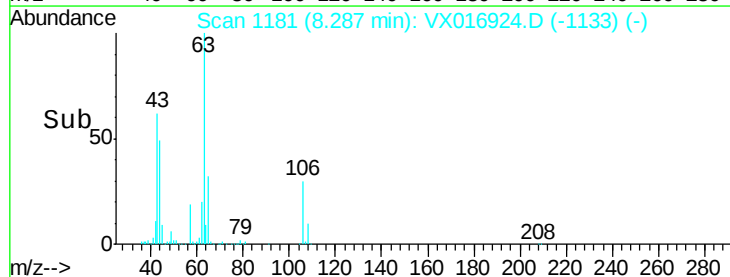
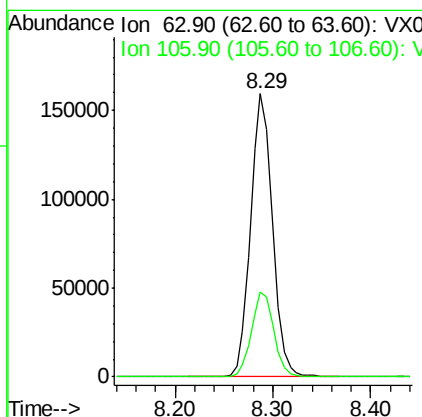
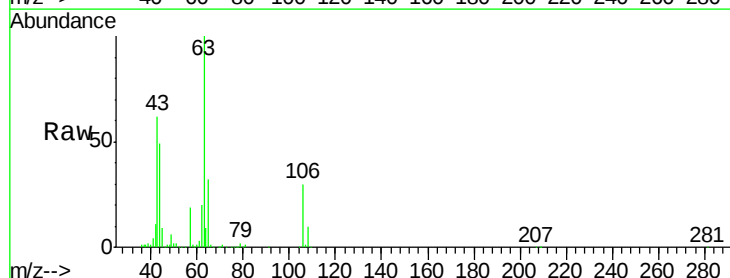
Acq: 22 Jun 2020 16:56

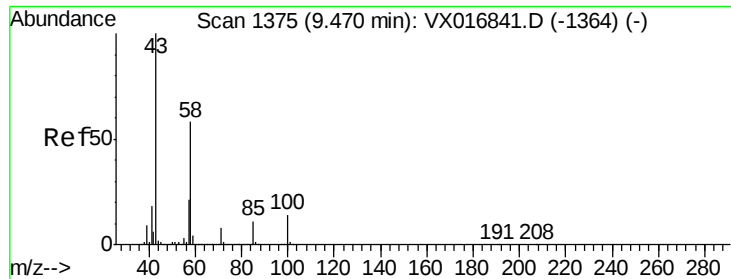
Tgt Ion: 63 Resp: 247595

Ion Ratio Lower Upper

63 100

106 30.6 25.8 38.6





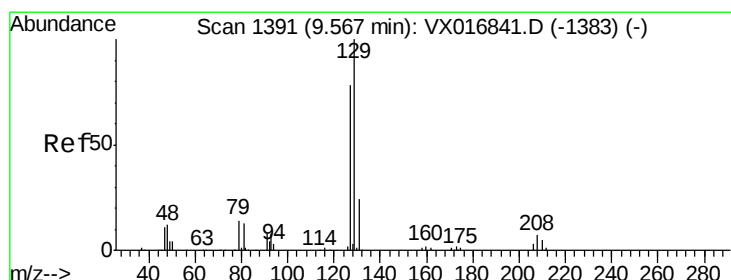
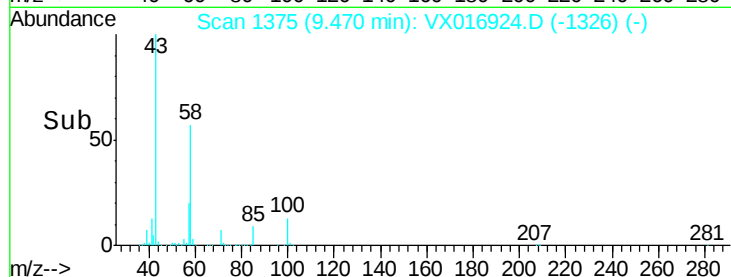
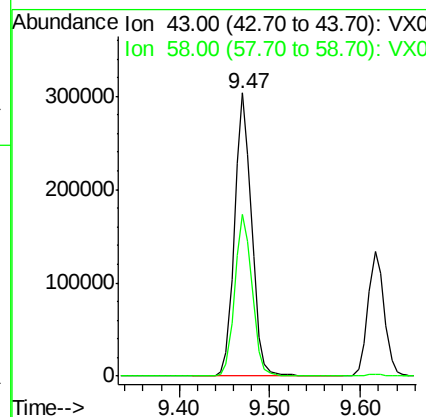
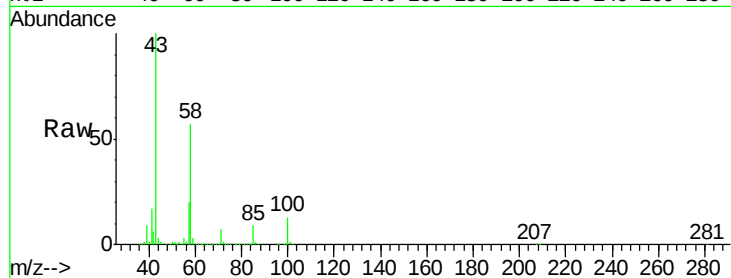
#59
2-Hexanone
Concen: 120.813 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.3	29.8	89.4

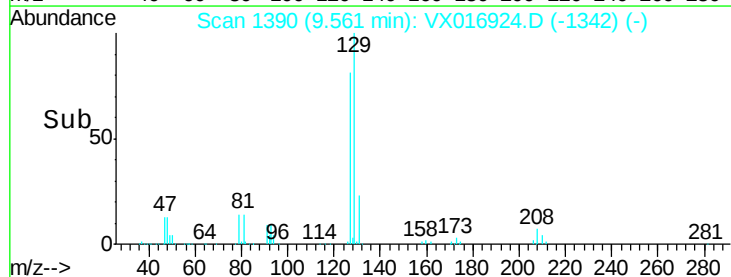
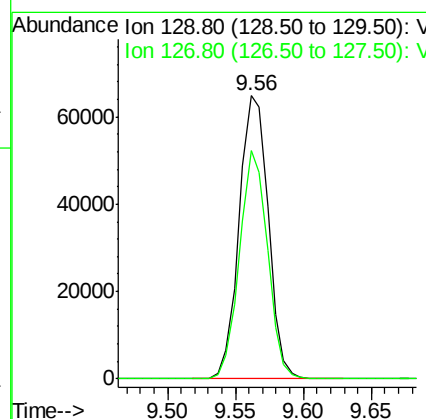
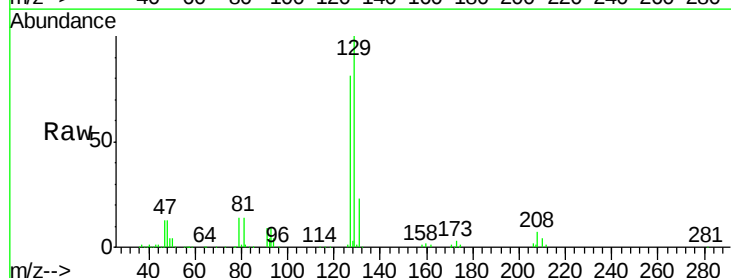
Manual Integrations
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#60
Dibromochloromethane
Concen: 21.639 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.5	115.5





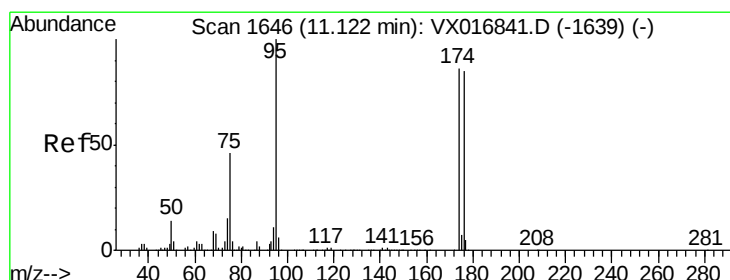
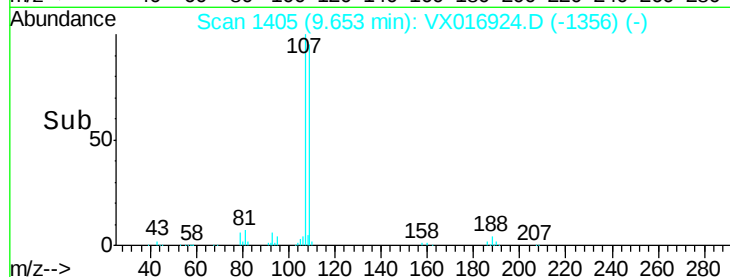
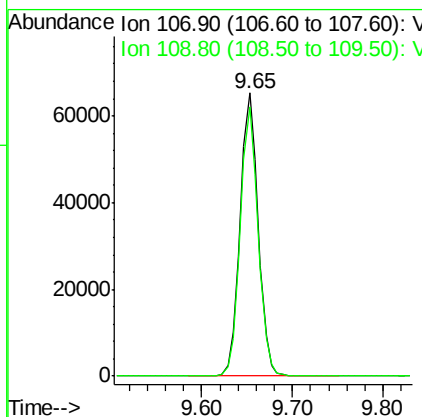
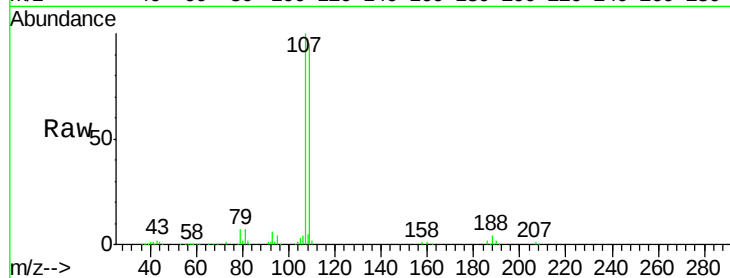
#61
 1,2-Dibromoethane
 Concen: 22.412 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.4	113.0

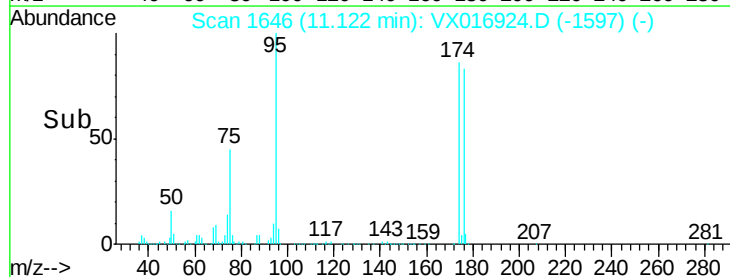
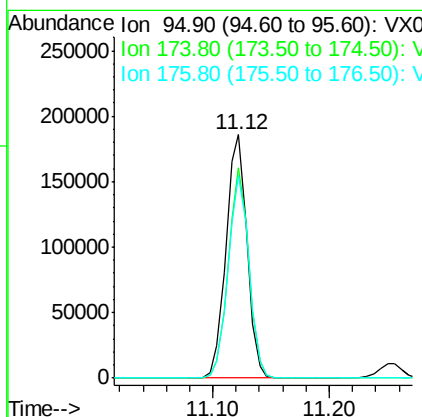
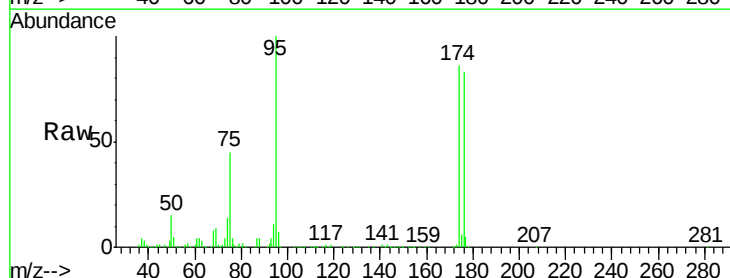
Manual Integrations
 APPROVED

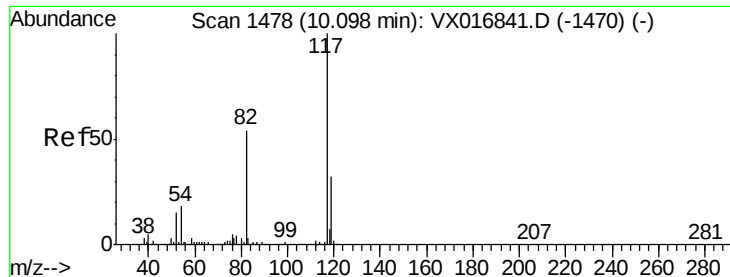
MMDadoda
 6/23/2020 11:03:11 AM



#62
 4-Bromofluorobenzene
 Concen: 43.853 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	174.2
176	83.2	0.0	170.0





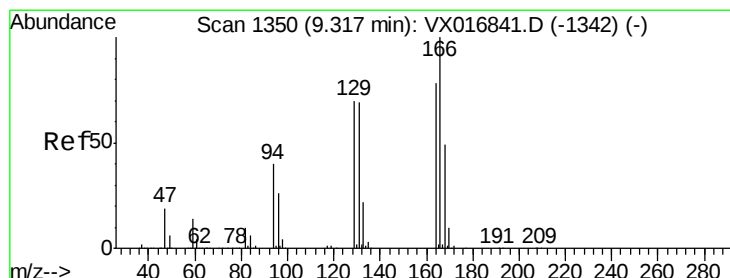
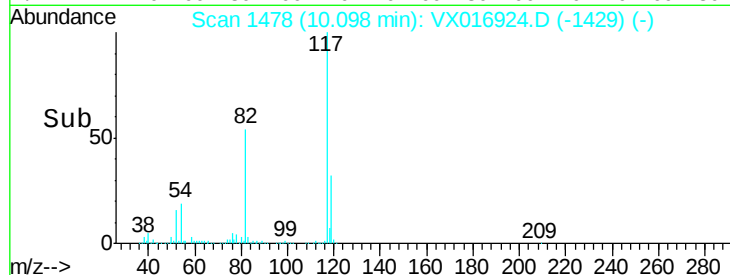
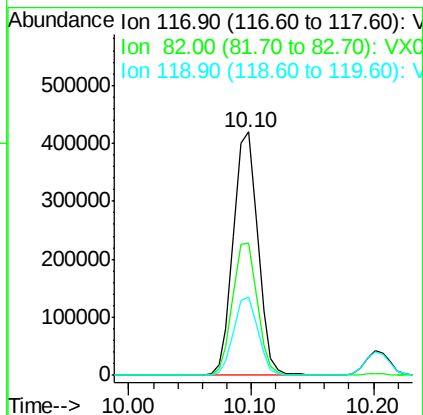
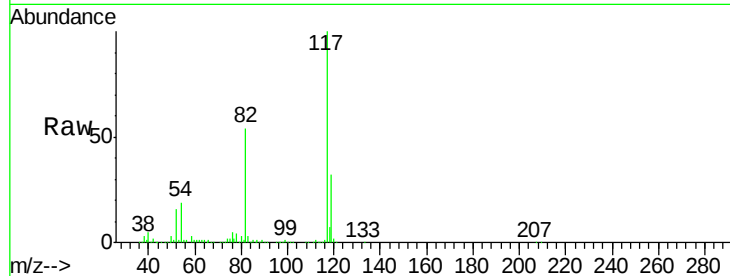
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.4	65.0
119	32.3	25.7	38.5

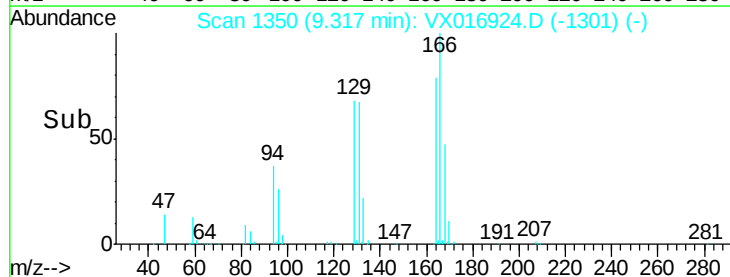
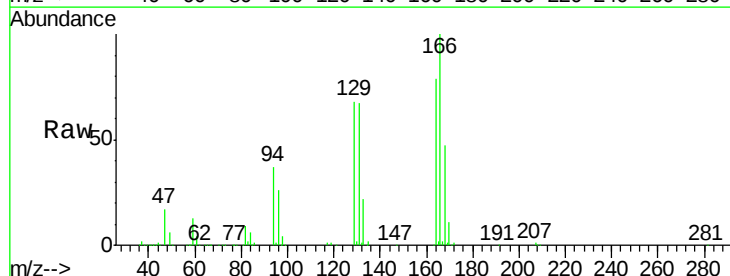
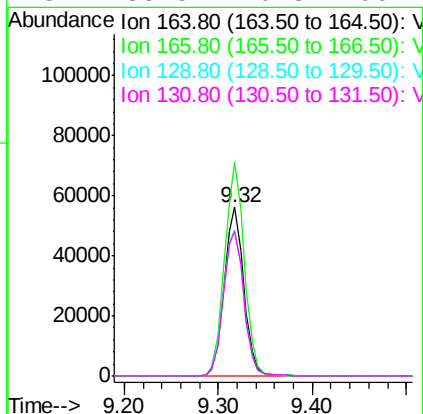
Manual Integrations
APPROVED

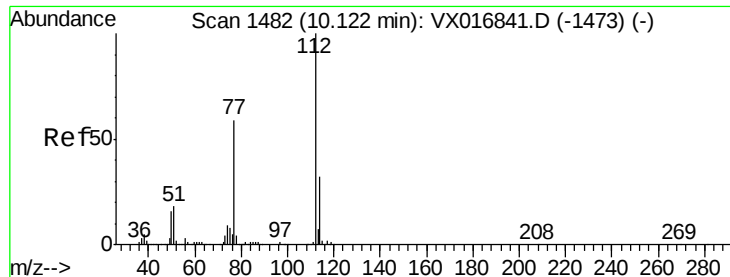
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#64
Tetrachloroethene
Concen: 15.042 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	102.6	153.8
129	86.7	72.2	108.2
131	85.5	70.8	106.2





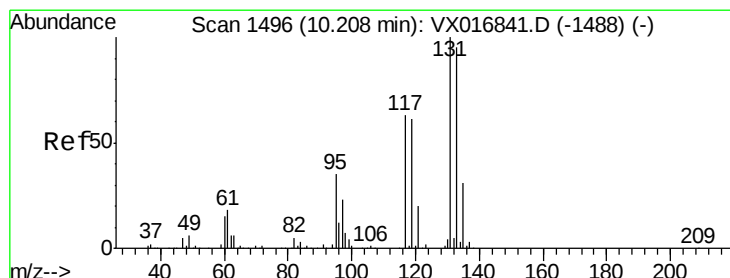
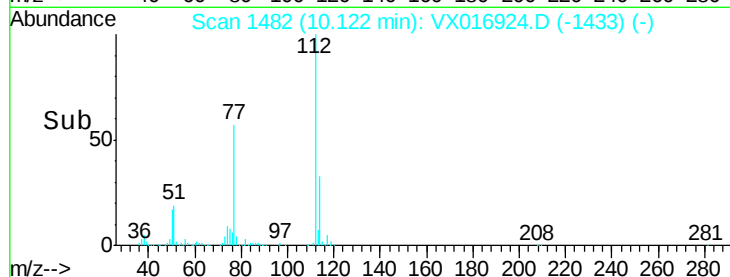
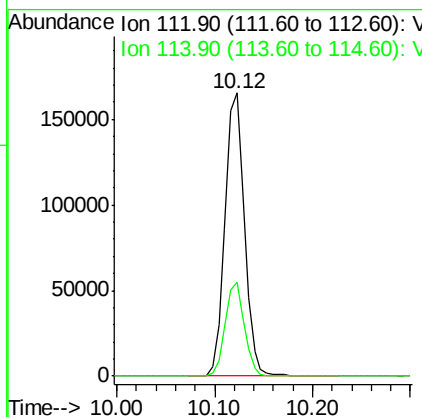
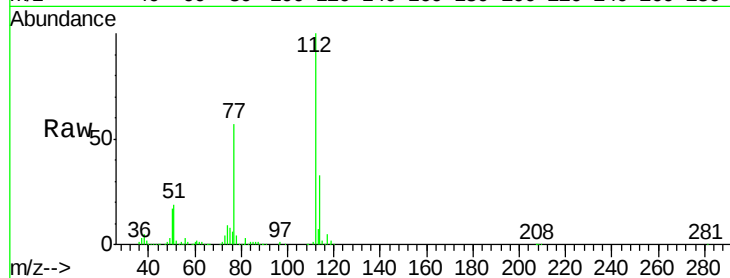
#65
Chlorobenzene
Concen: 19.441 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion:112 Resp: 229240
Ion Ratio Lower Upper
112 100
114 33.1 25.5 38.3

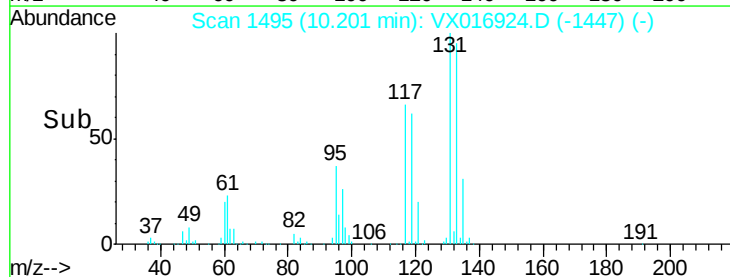
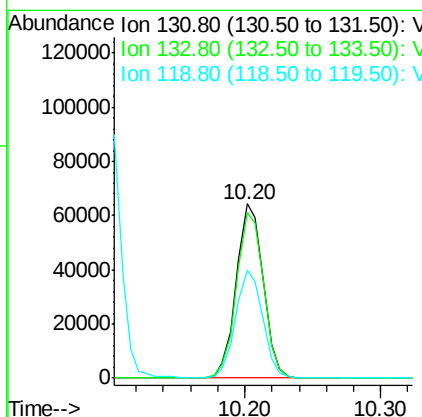
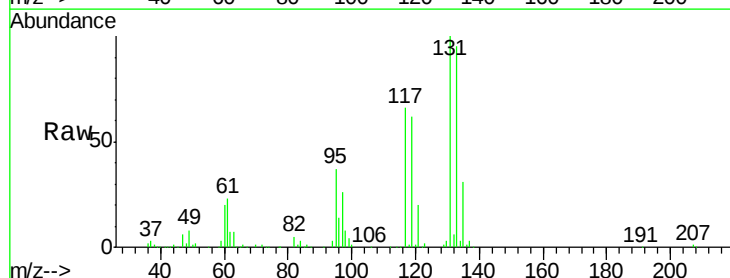
Manual Integrations
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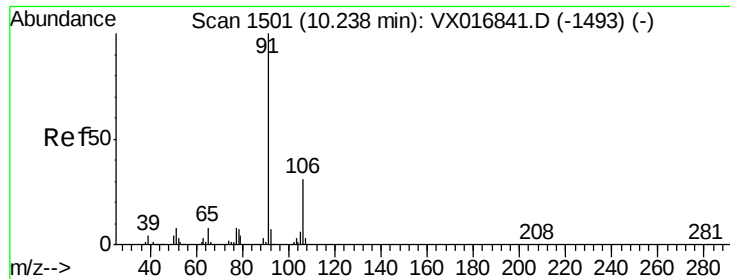
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.410 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion:131 Resp: 88704
Ion Ratio Lower Upper
131 100
133 95.6 47.7 143.1
119 62.5 30.8 92.4





#67

Ethyl Benzene

Concen: 20.608 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 91 Resp: 410005

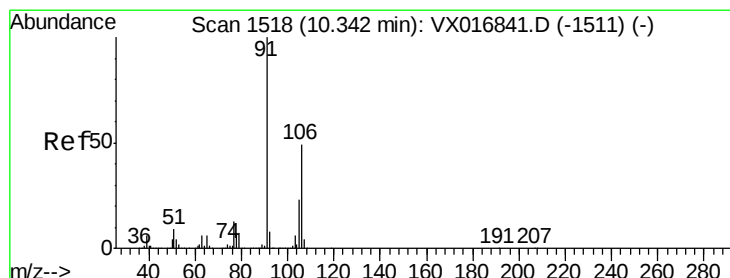
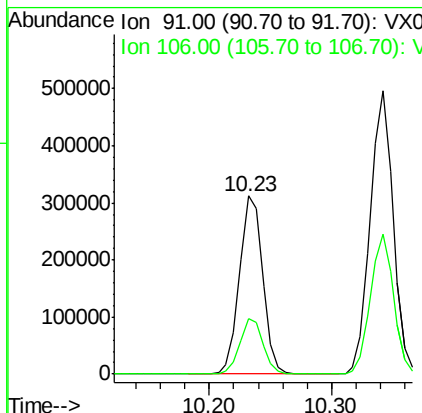
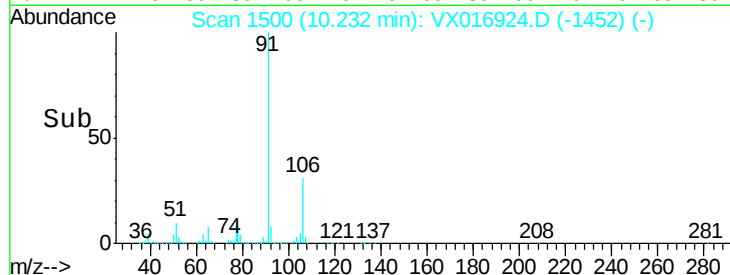
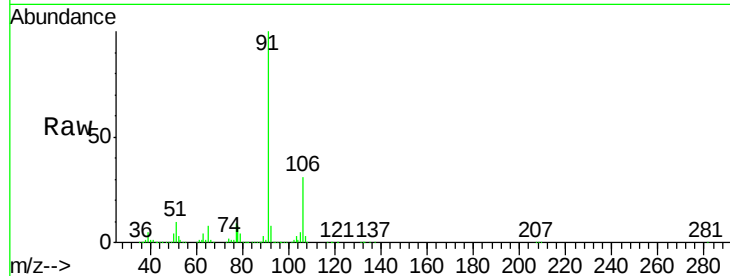
Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 41.748 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016924.D

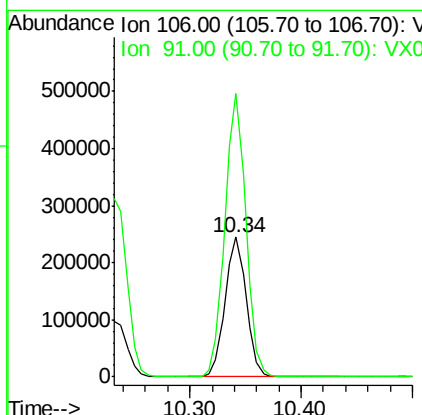
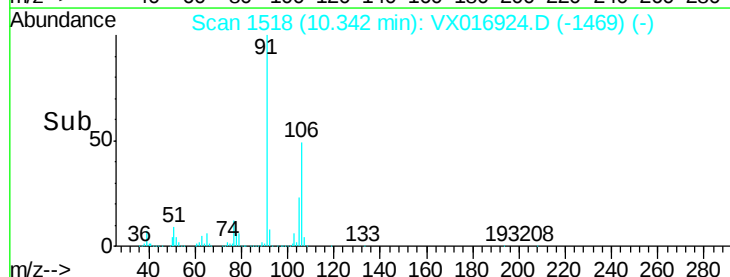
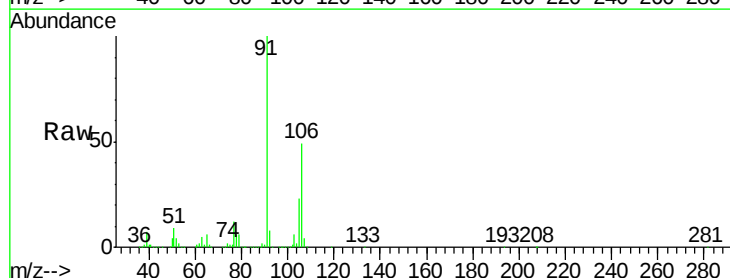
Acq: 22 Jun 2020 16:56

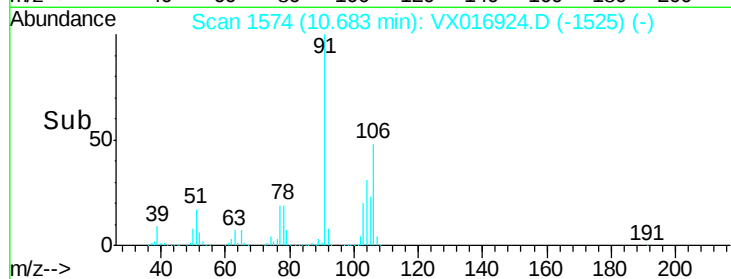
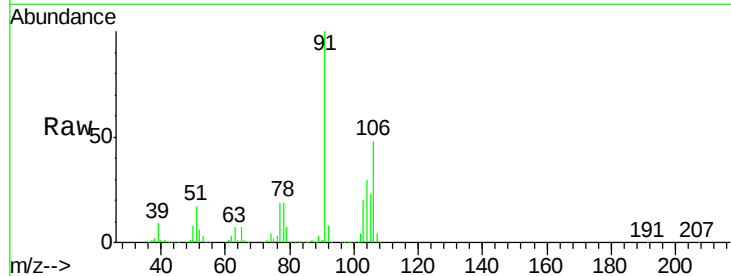
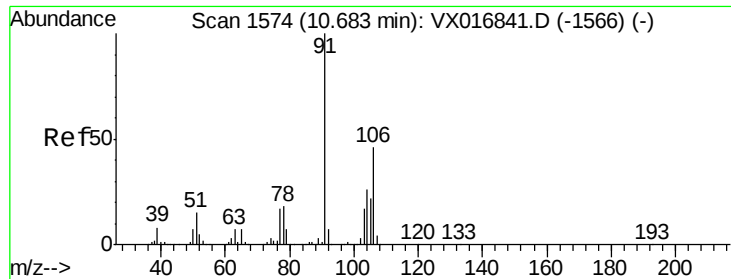
Tgt Ion: 106 Resp: 323203

Ion Ratio Lower Upper

106 100

91 199.9 161.5 242.3





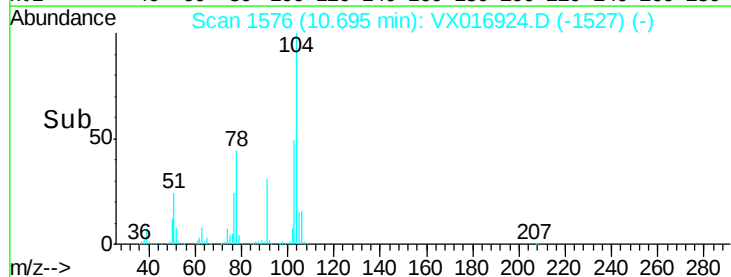
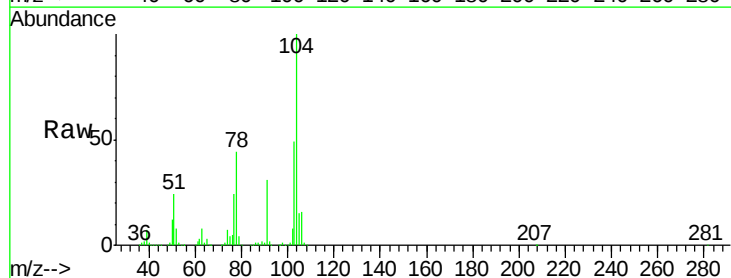
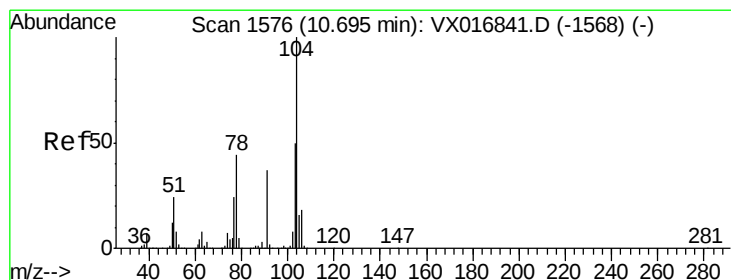
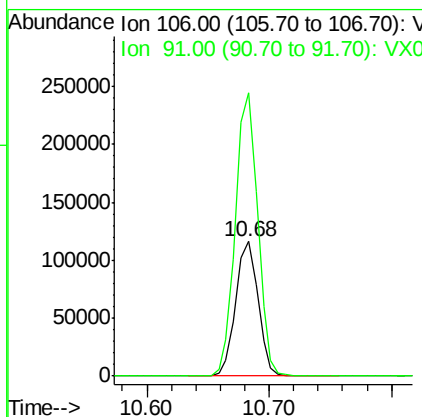
#69
o-Xylene
Concen: 20.524 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tot Ion	Ratio	Resp	Lower	Upper
106	100	146918		
91	209.7	107.9	323.7	

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

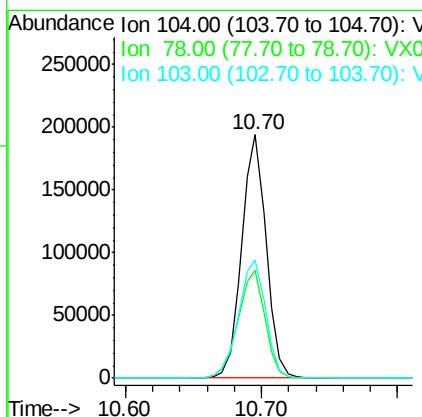
Manual Integrations
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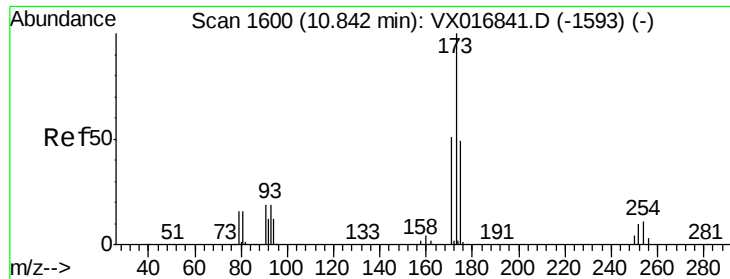
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#70
Styrene
Concen: 20.044 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	243796		
78	48.8	39.6	59.4	
103	53.9	43.3	64.9	





#71

Bromoform

Concen: 16.197 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

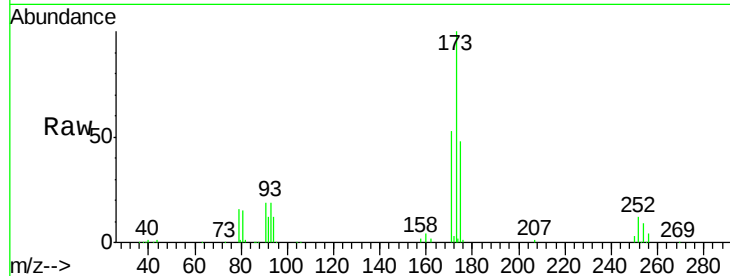
ClientSampleId :

VX0622WBS01

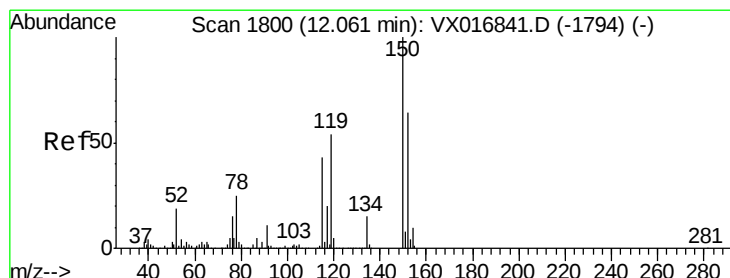
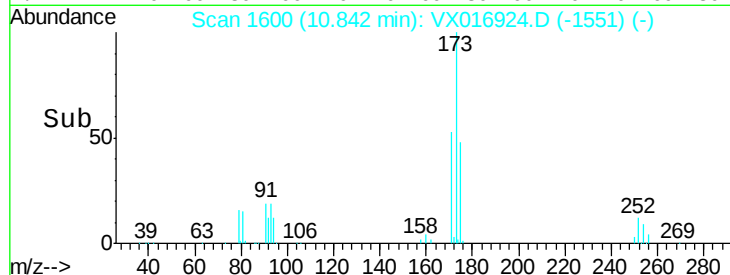
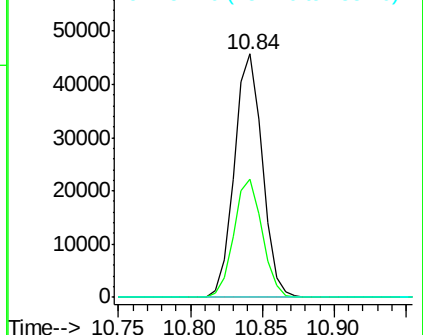
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.3	73.0
254	0.0	0.1	0.1

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

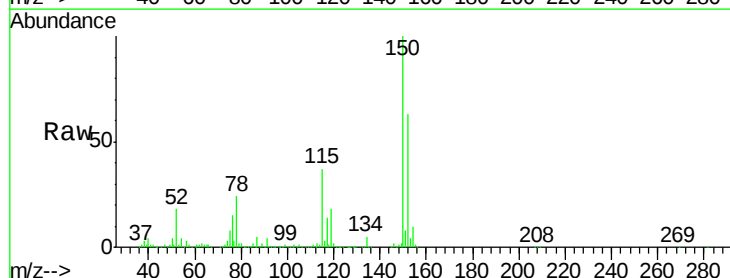
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

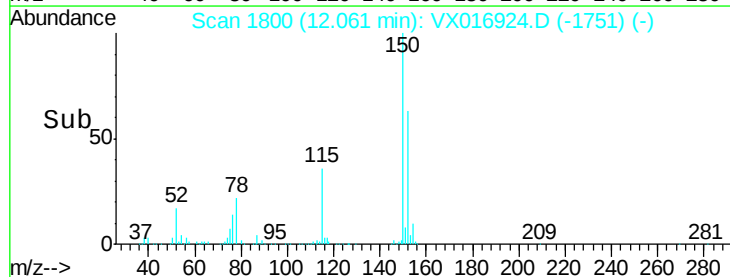
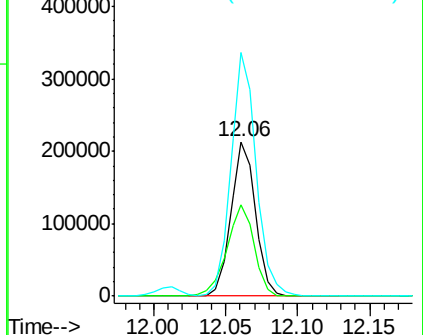
Lab File: VX016924.D

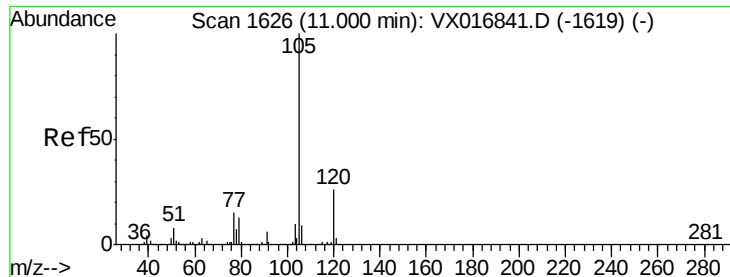
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.7	40.9	122.8
150	163.3	0.0	344.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.265 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 105 Resp: 347681

Ion Ratio Lower Upper

105 100

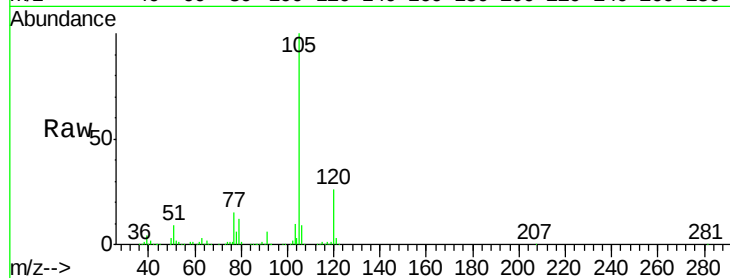
120 26.6 13.2 39.6

Manual Integrations

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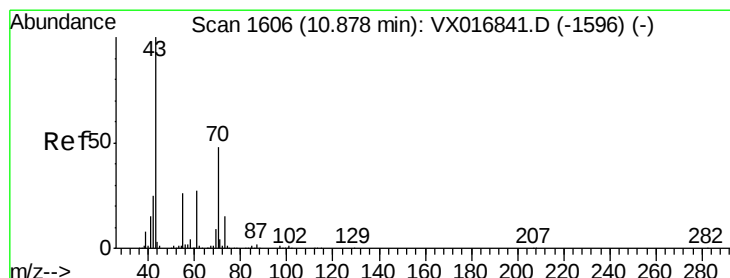
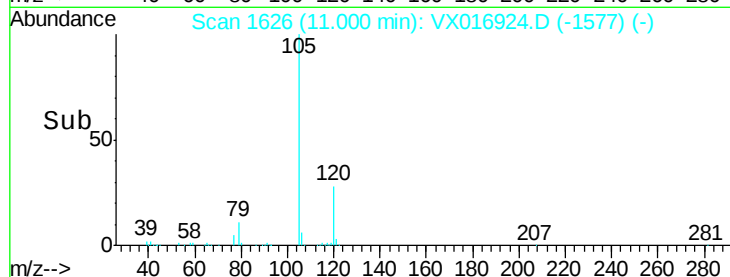
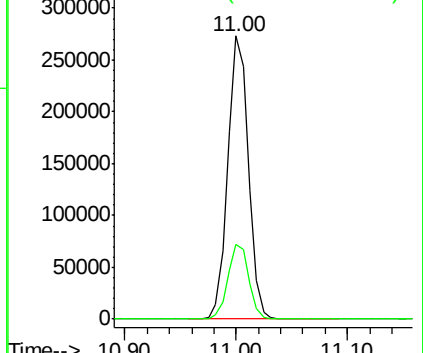
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.065 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Tgt Ion: 43 Resp: 131687

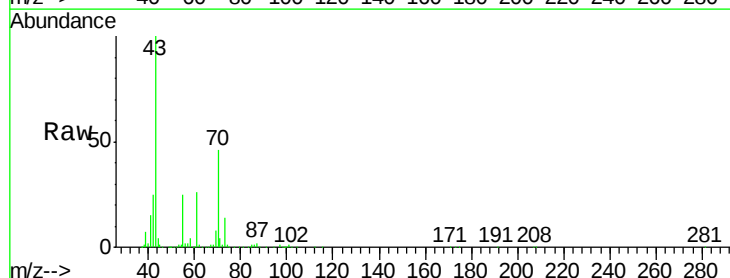
Ion Ratio Lower Upper

43 100

70 47.1 39.9 59.9

55 25.8 21.8 32.6

61 26.6 22.2 33.4

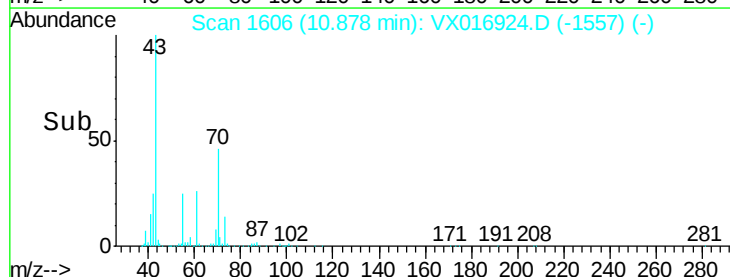
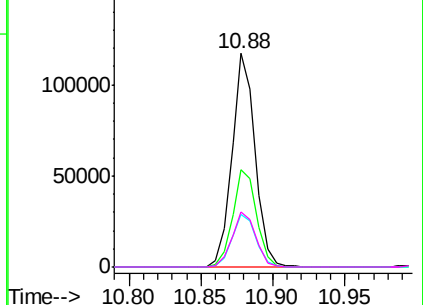


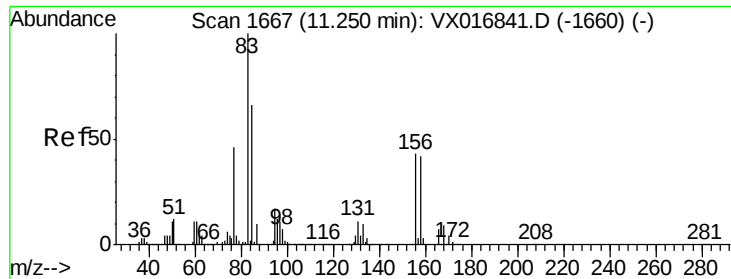
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.252 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

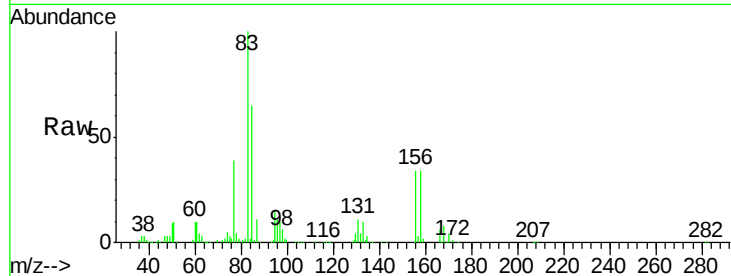
ClientSampleId :

VX0622WBS01

Tot Ion	83	Resp	98119
Ion Ratio	100	Lower	Upper
83	100		
131	11.0	5.7	17.1
85	65.7	32.6	97.8

Manual Integrations
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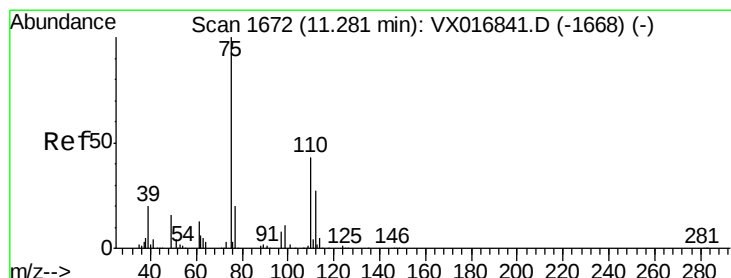
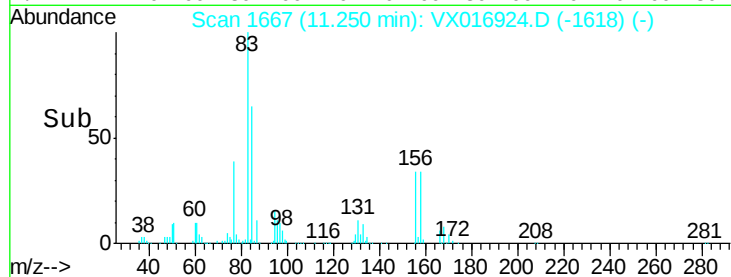
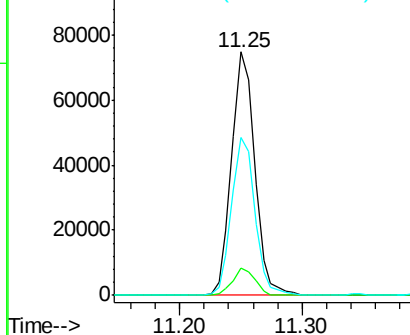
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.370 ug/l m

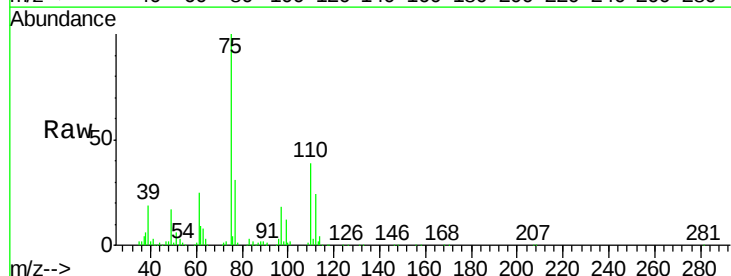
RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016924.D

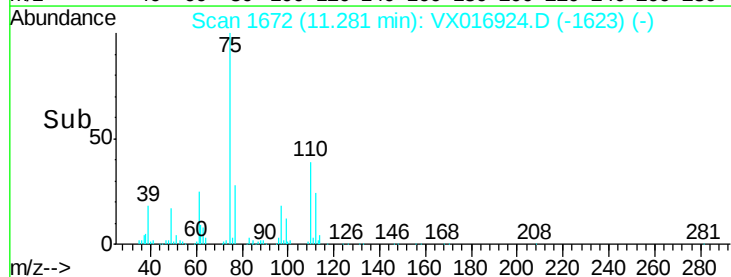
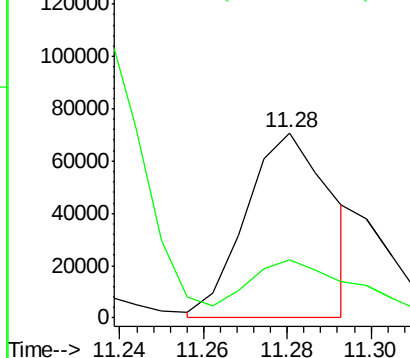
Acq: 22 Jun 2020 16:56

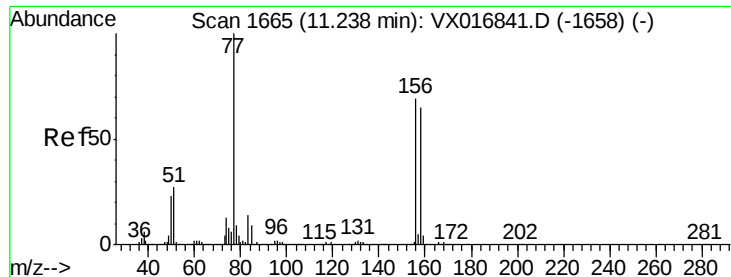
Tgt Ion	75	Resp	99109
Ion Ratio	100	Lower	Upper
75	100		
77	39.7	20.5	61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.333 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

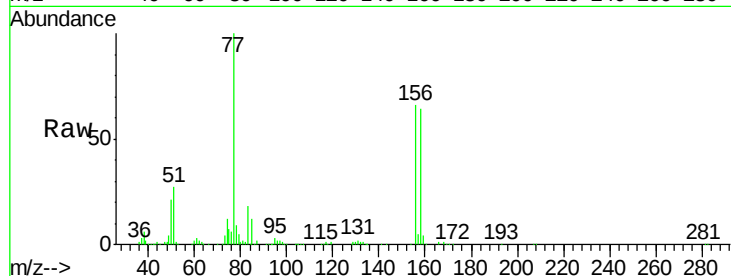
ClientSampleId :

VX0622WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.4	73.4	220.2
158	97.6	48.8	146.3

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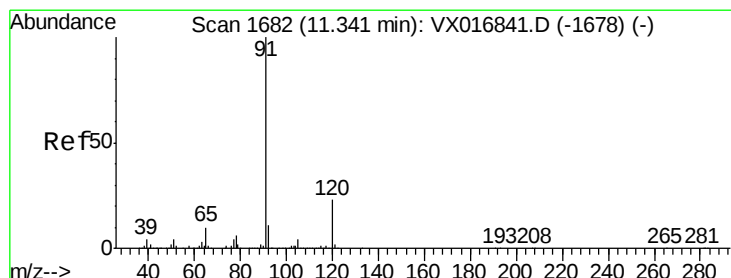
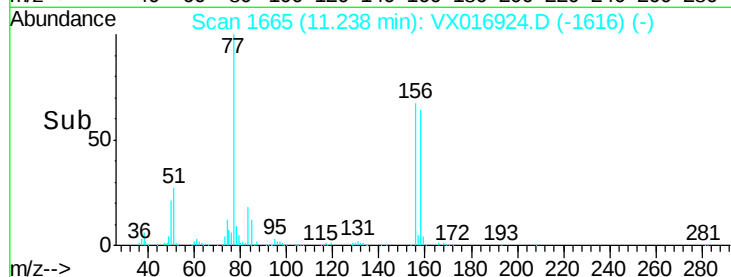
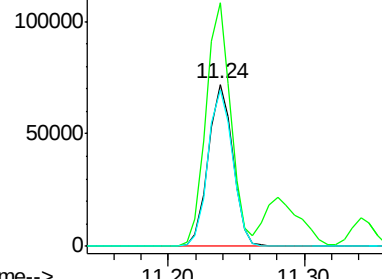


Abundance

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: 21.339 ug/l

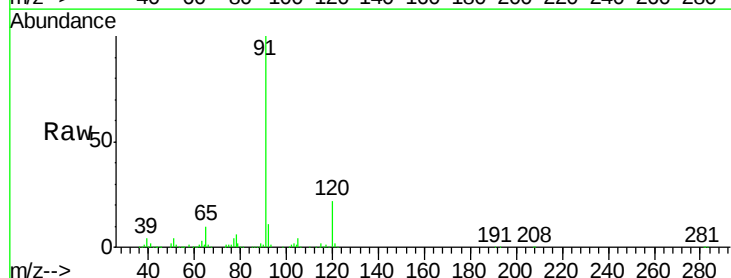
RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

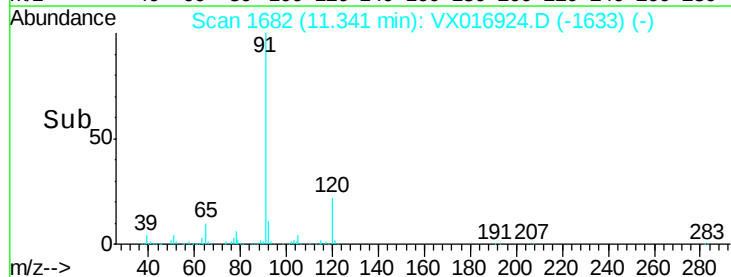
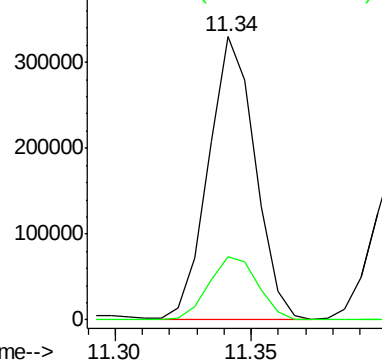
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.5

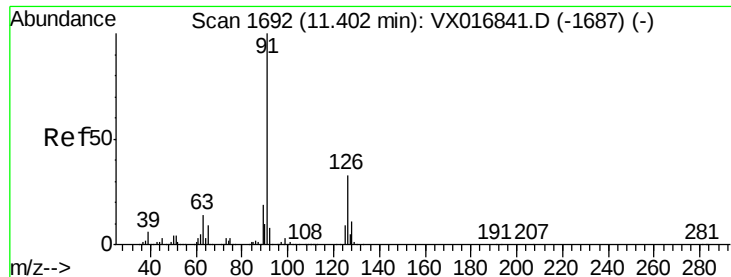


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.708 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion: 91 Resp: 231189

Ion Ratio Lower Upper

91 100

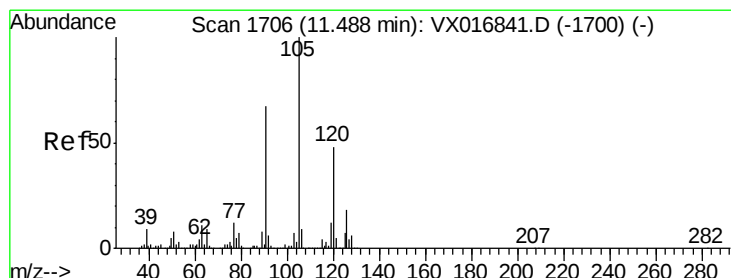
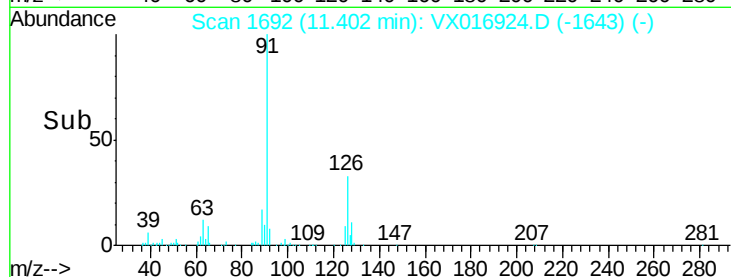
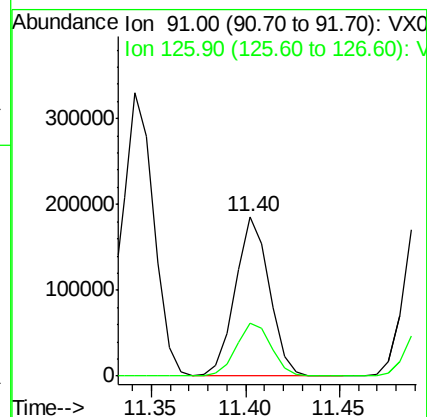
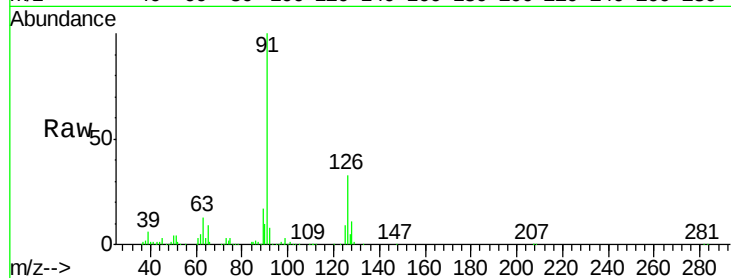
126 34.3 17.2 51.5

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#80

1,3,5-Trimethylbenzene

Concen: 20.573 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016924.D

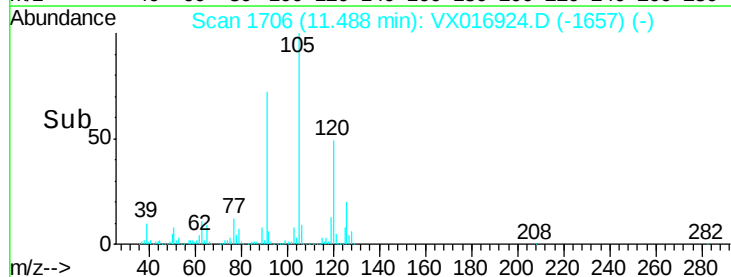
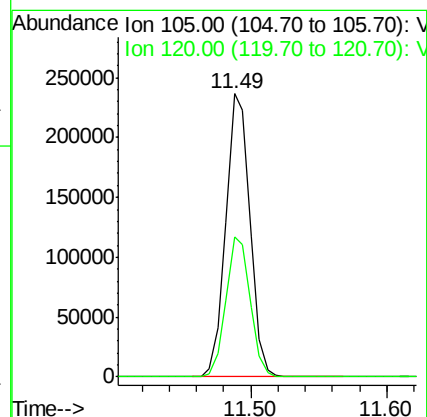
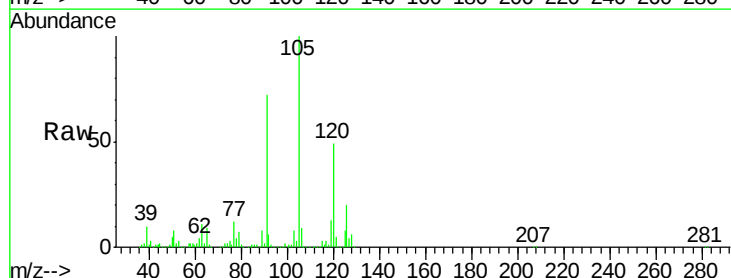
Acq: 22 Jun 2020 16:56

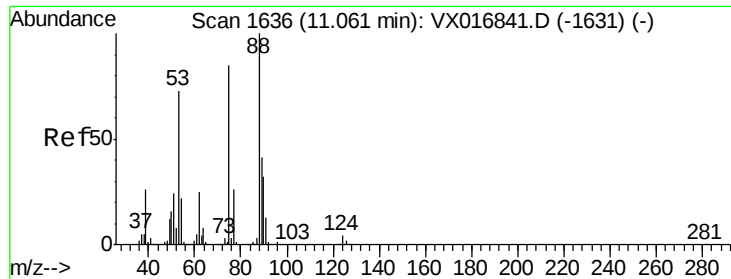
Tgt Ion: 105 Resp: 290220

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.137 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

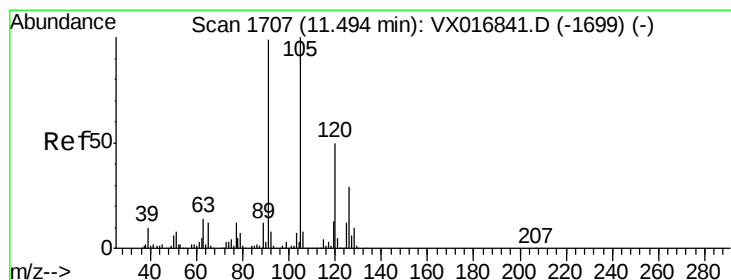
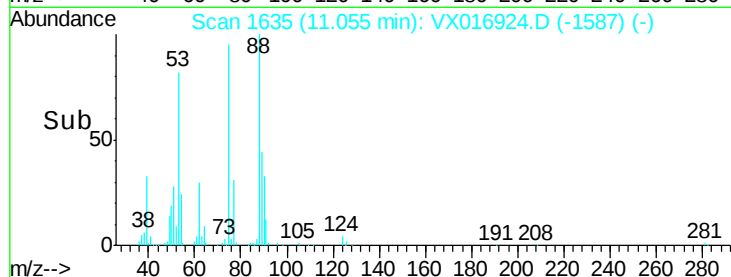
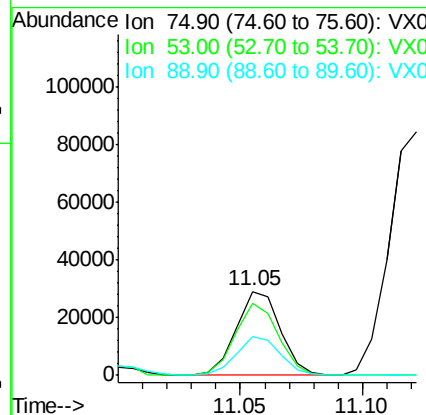
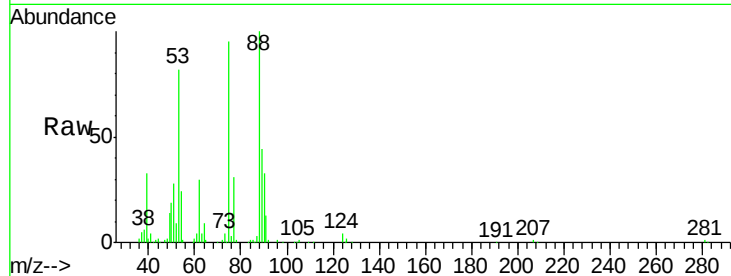
ClientSampleId :

VX0622WBS01

Tot Ion:	75	Resp:	36244
Ion	Ratio	Lower	Upper
75	100		
53	85.8	69.8	104.8
89	46.4	38.3	57.5

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#82

4-Chlorotoluene

Concen: 20.308 ug/l

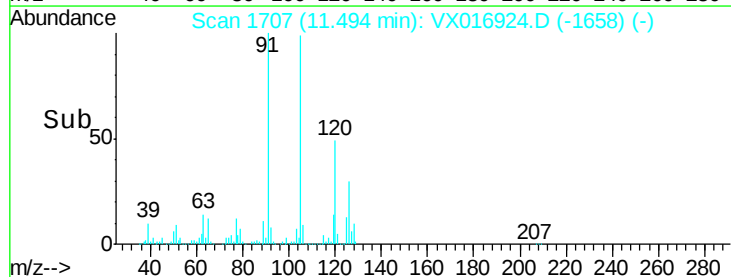
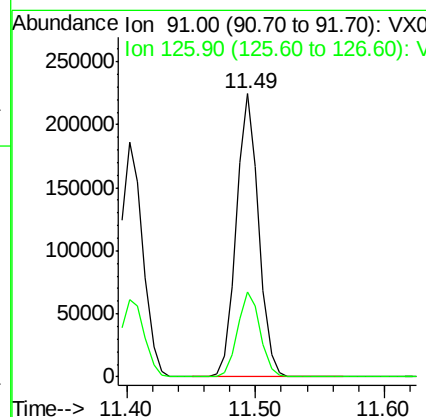
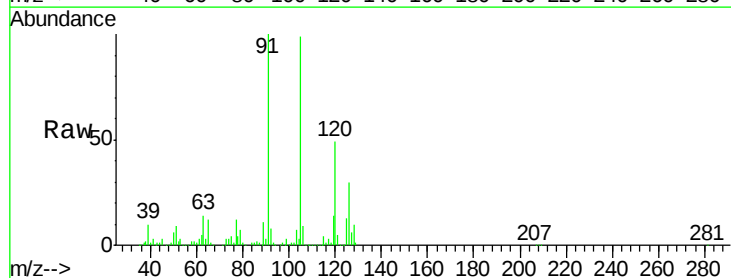
RT: 11.49 min Scan# 1707

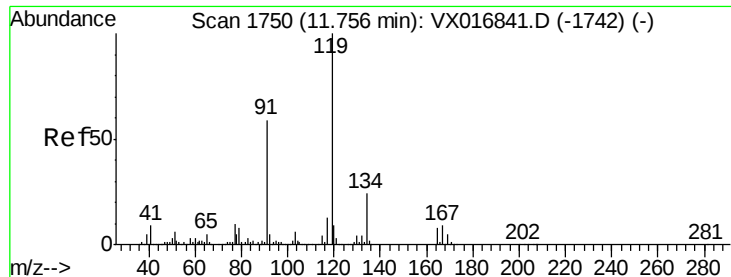
Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Tgt Ion:	91	Resp:	272000
Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.0	45.0





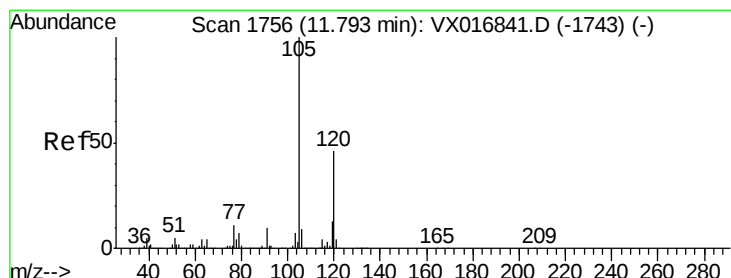
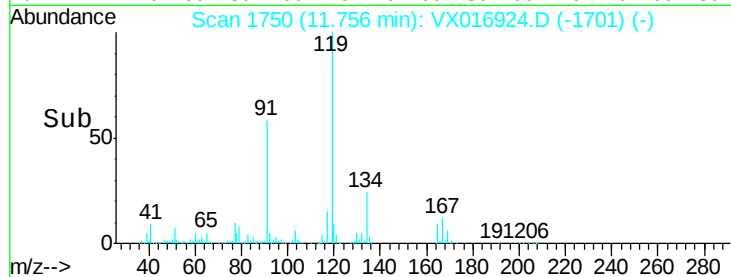
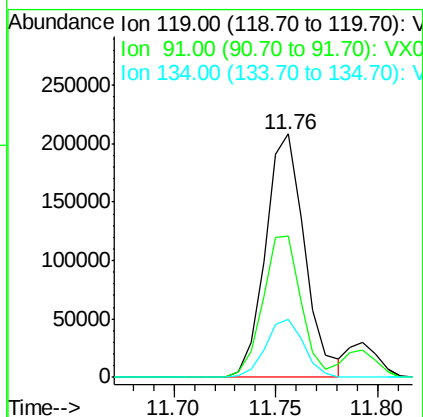
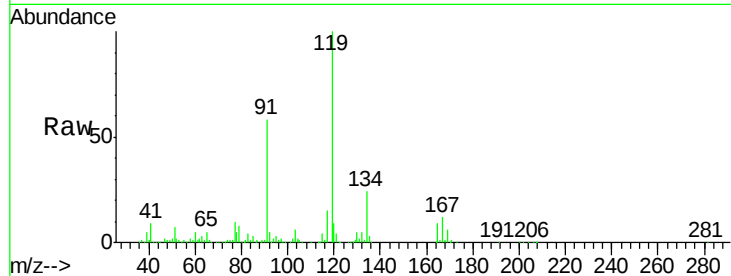
#83
tert-Butylbenzene
Concen: 19.987 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	278971		
91	56.2		28.5	85.5
134	23.0		11.7	35.1

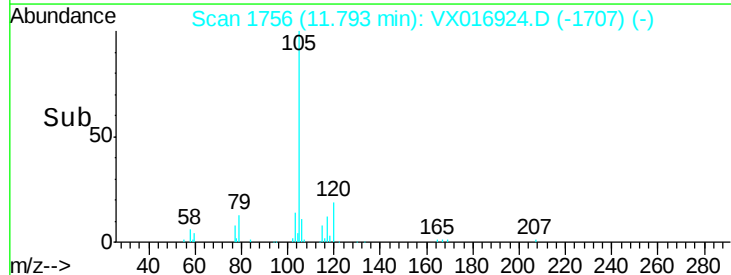
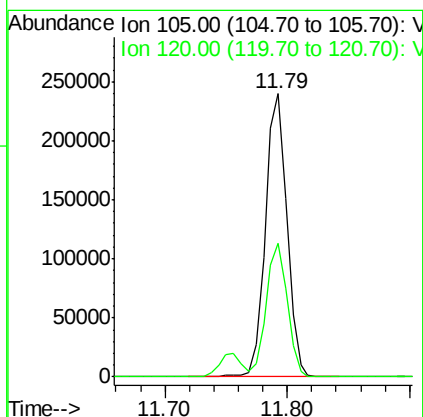
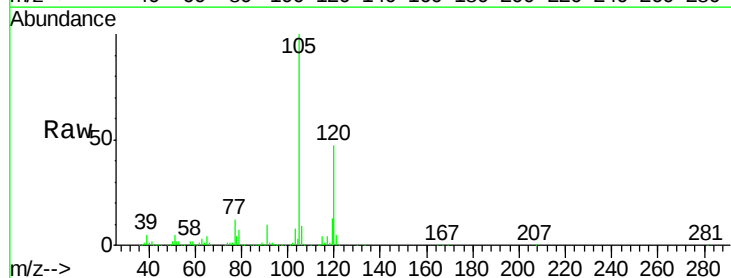
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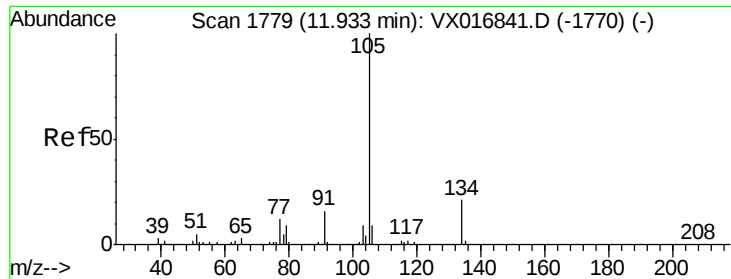
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#84
1,2,4-Trimethylbenzene
Concen: 20.235 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	294052		
120	46.3		22.3	66.9





#85

sec-Butylbenzene

Concen: 20.002 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBS01

Tot Ion:105 Resp: 324243

Ion Ratio Lower Upper

105 100

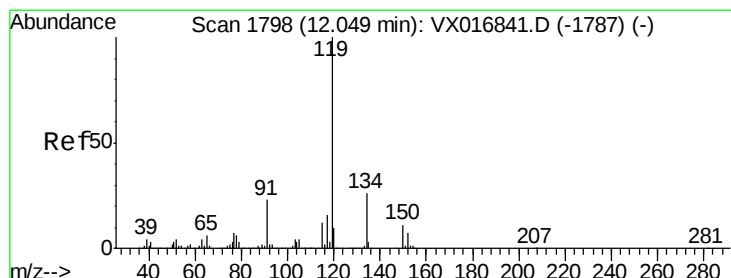
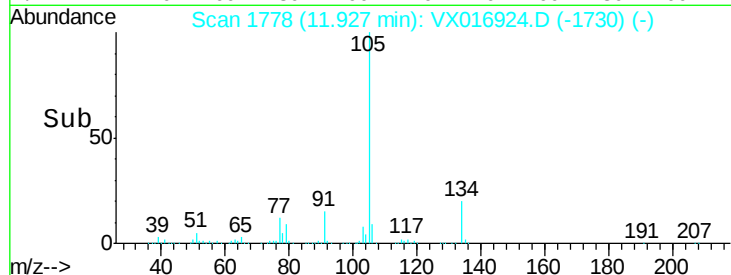
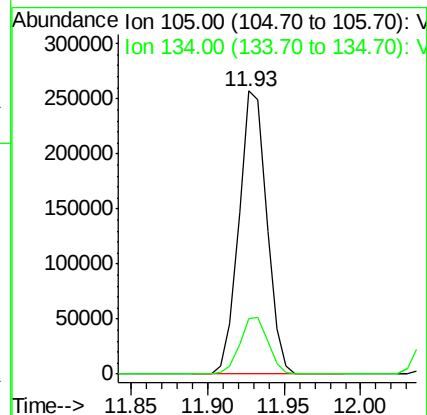
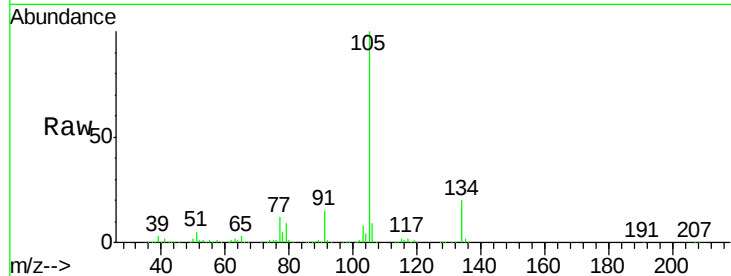
134 20.4 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 21.006 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

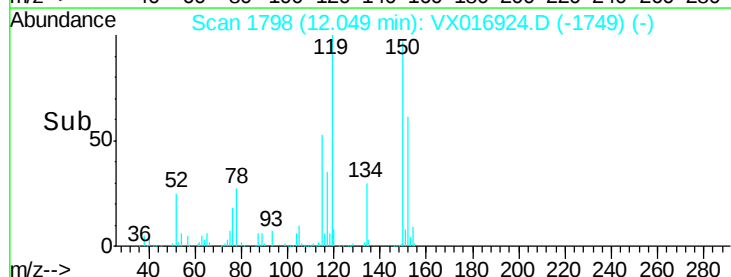
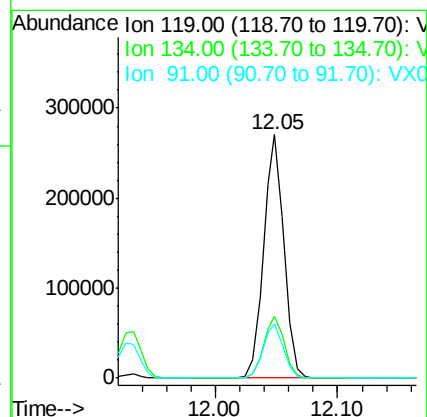
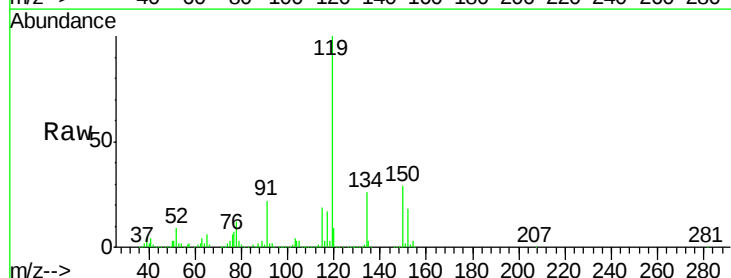
Tgt Ion:119 Resp: 311986

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 22.6 11.6 34.8





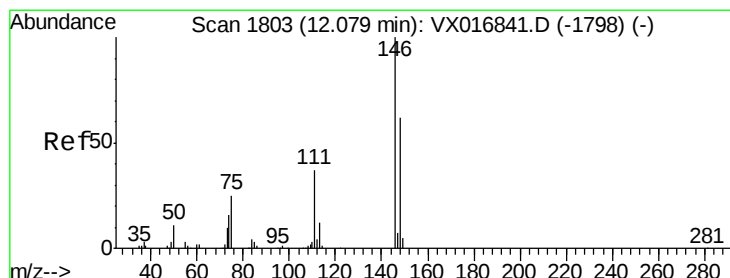
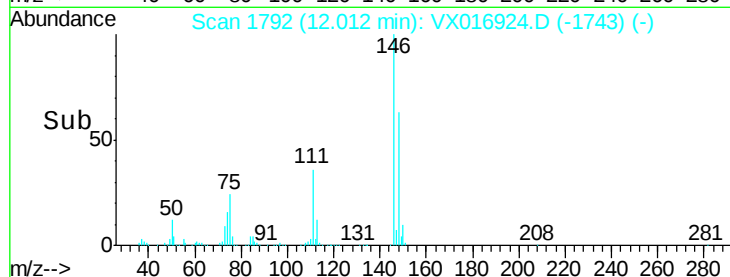
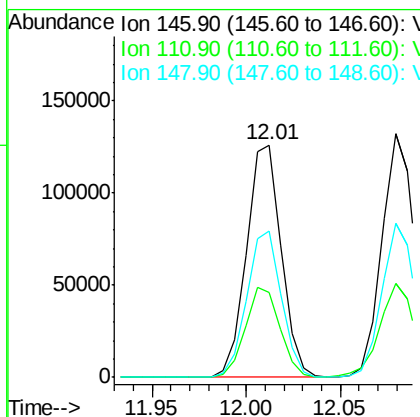
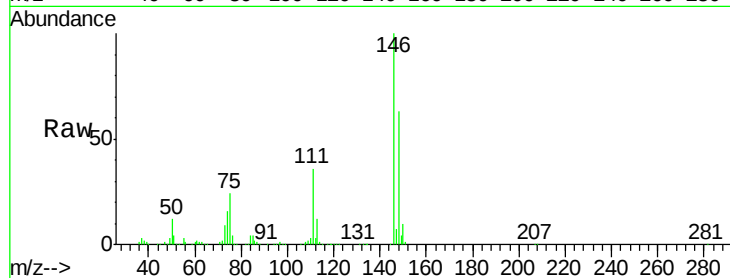
#87
 1,3-Dichlorobenzene
 Concen: 19.822 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	62.6	31.8	95.3

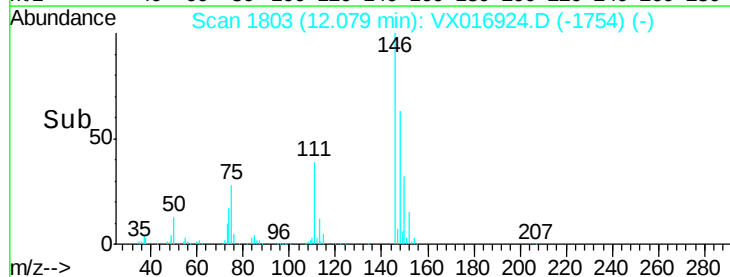
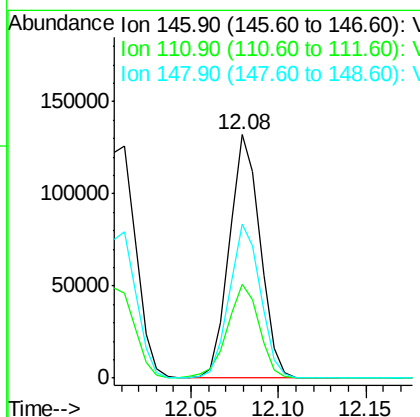
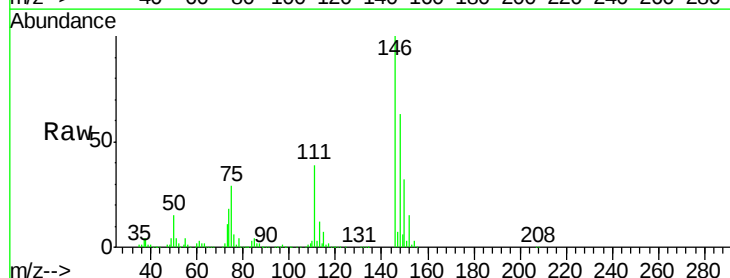
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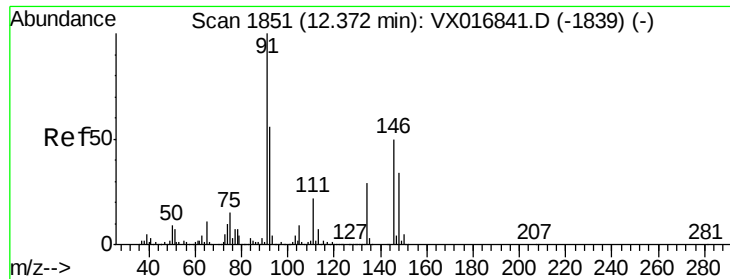
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#88
 1,4-Dichlorobenzene
 Concen: 19.611 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.0	57.0
148	63.8	31.6	95.0





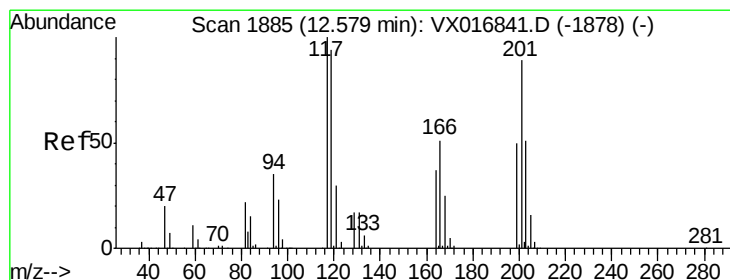
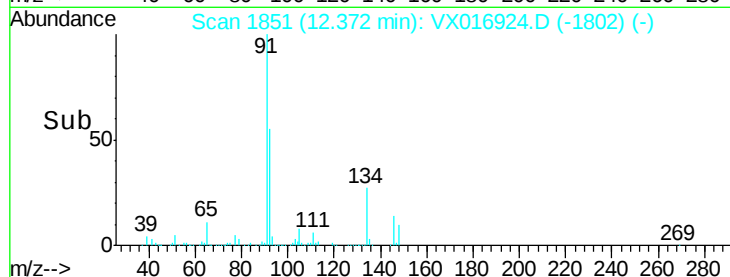
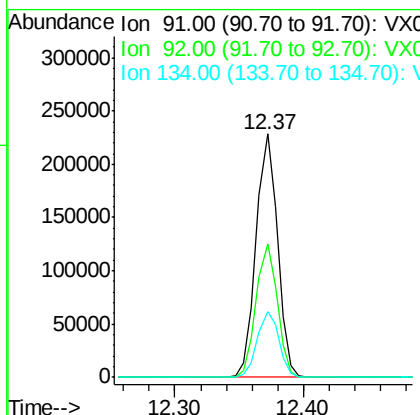
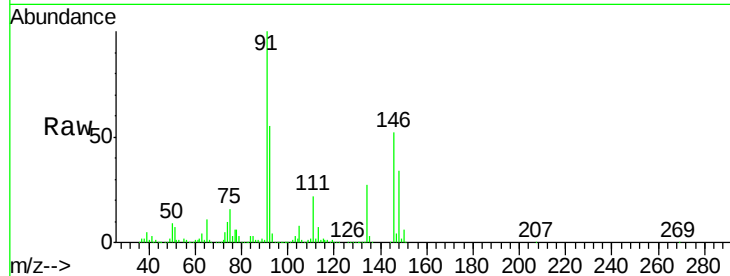
#89
n-Butylbenzene
Concen: 20.375 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	259508		
92	54.5		27.4	82.2
134	27.5		13.9	41.6

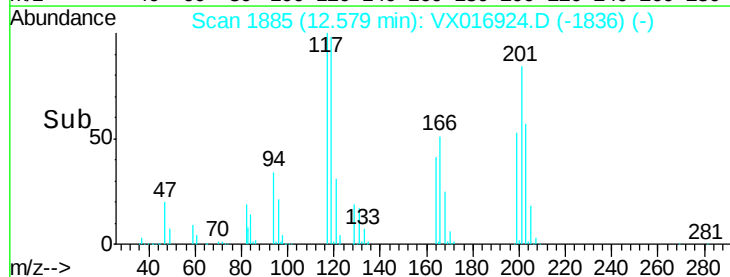
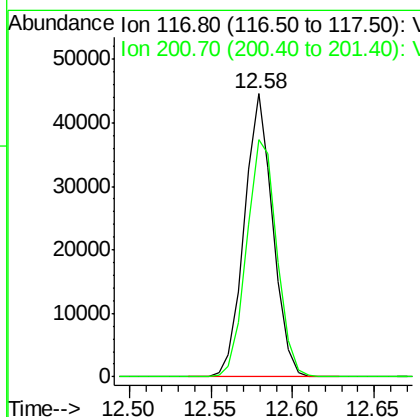
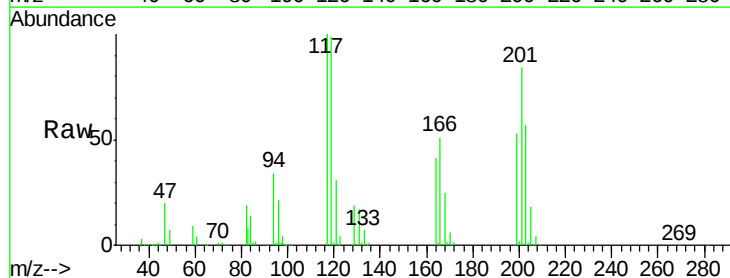
Manual Integrations
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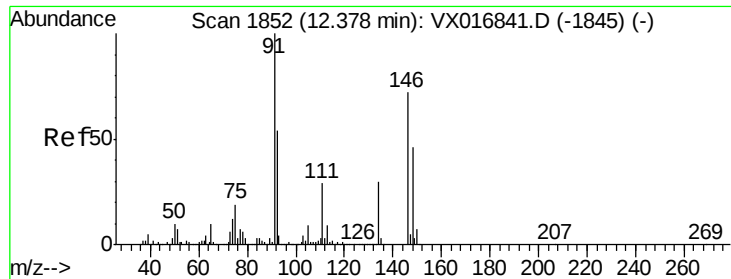
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#90
Hexachloroethane
Concen: 20.254 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016924.D
Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	54189		
201	89.0		44.9	134.5





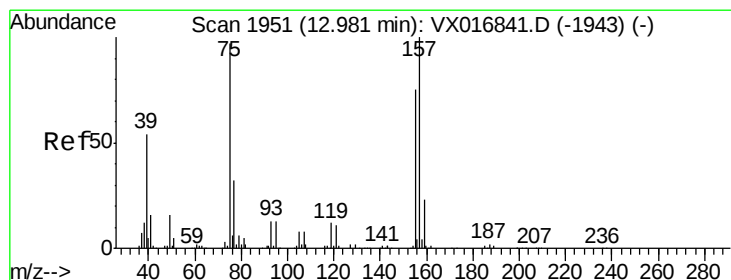
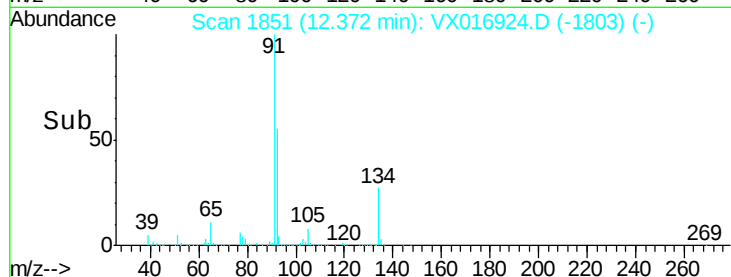
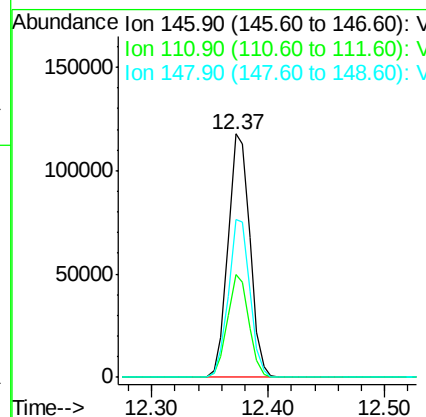
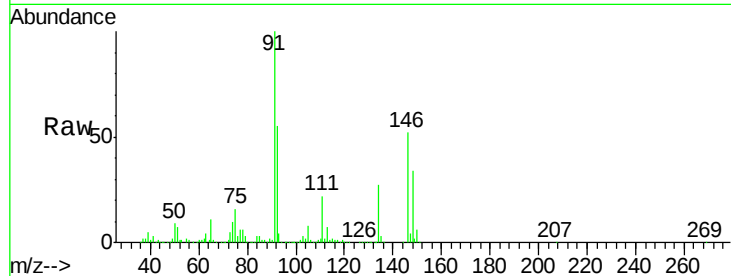
#91
 1,2-Dichlorobenzene
 Concen: 19.373 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.9	62.7
148	63.8	32.9	98.6

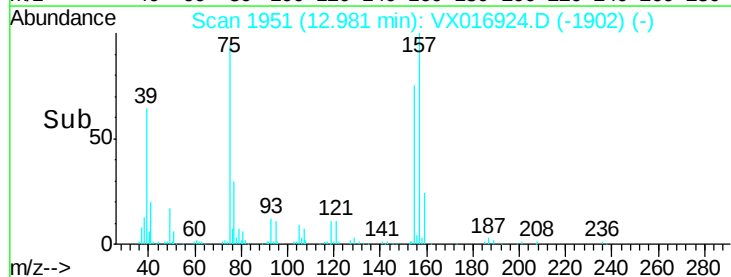
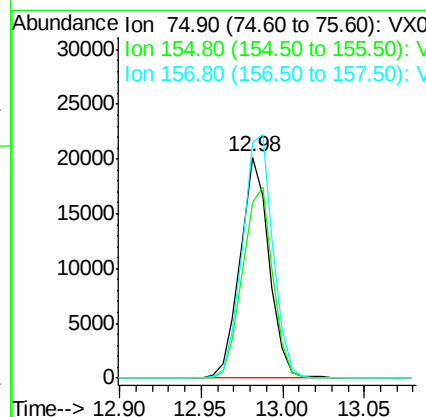
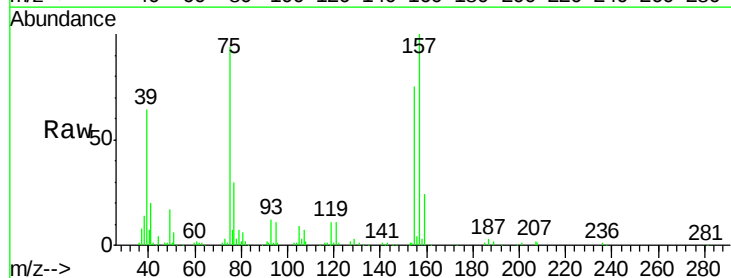
Manual Integrations
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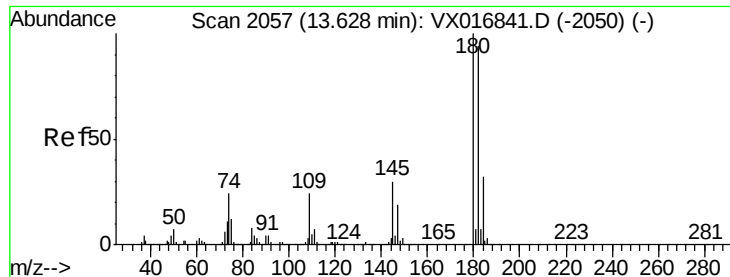
MMDadoda
 6/23/2020 11:03:11 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.792 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.2	46.4	139.1
157	116.0	58.6	175.8





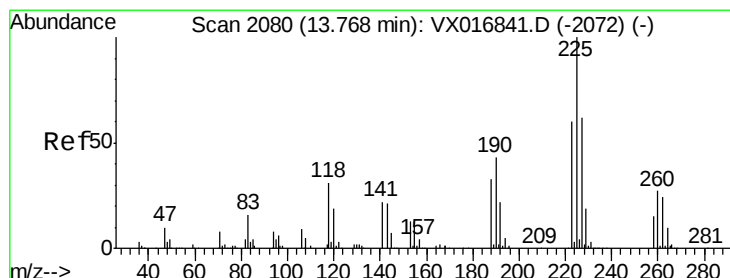
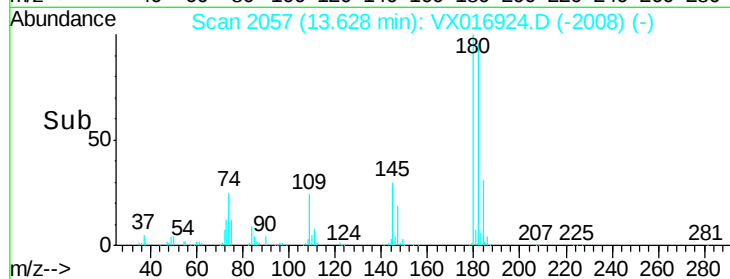
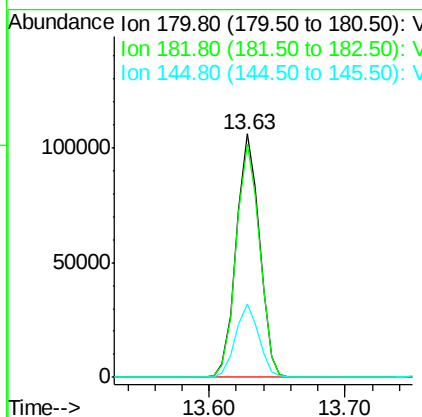
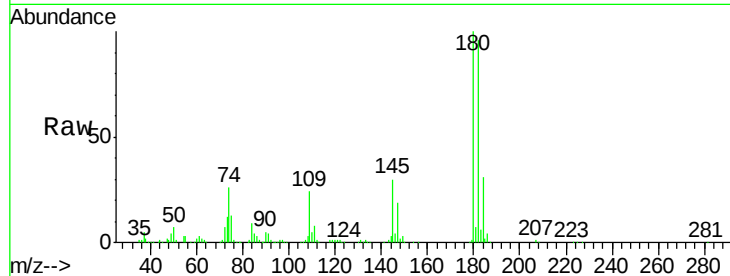
#93
 1,2,4-Trichlorobenzene
 Concen: 23.828 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	125837		
182	96.9	47.7	143.1	
145	30.3	15.0	45.1	

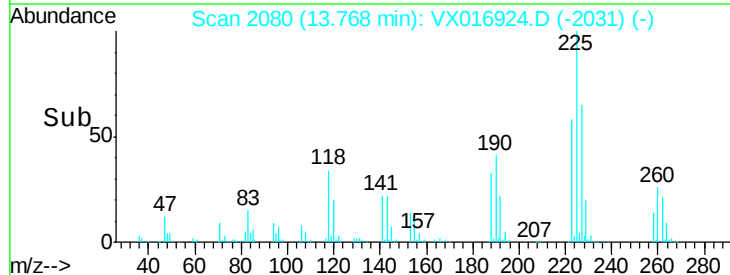
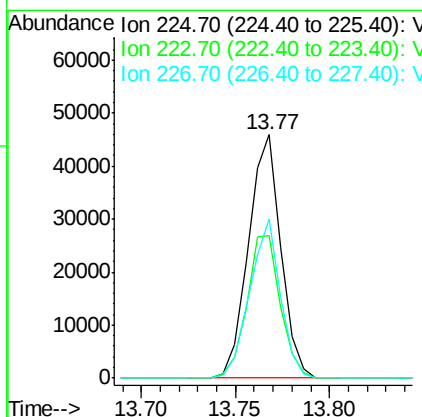
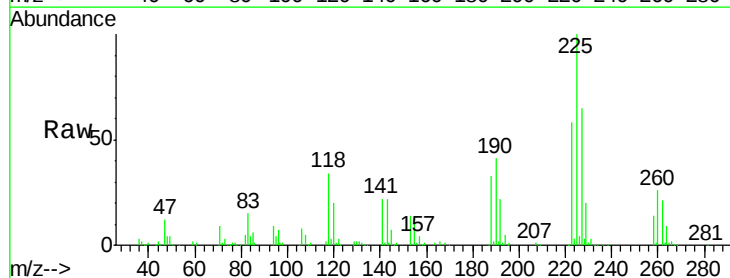
Manual Integrations
 APPROVED

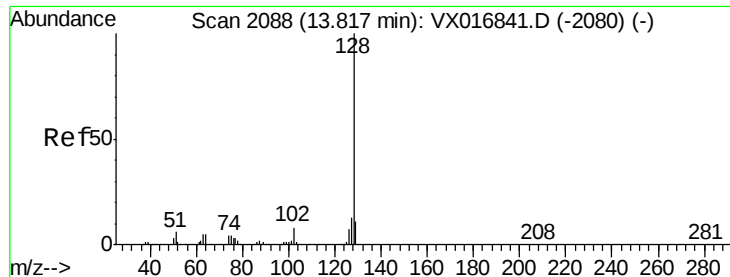
MMDadoda
 6/23/2020 11:03:11 AM



#94
 Hexachlorobutadiene
 Concen: 22.825 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016924.D
 Acq: 22 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54394		
223	60.9	32.1	96.5	
227	62.1	32.3	96.8	





#95

Naphthalene

Concen: 24.921 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Instrument :

MSVOA_X

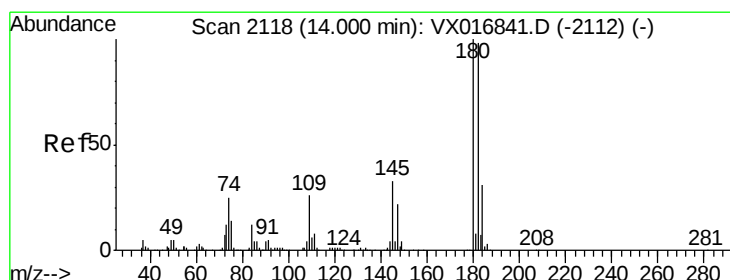
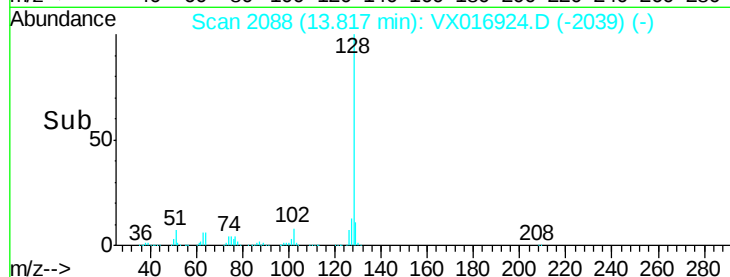
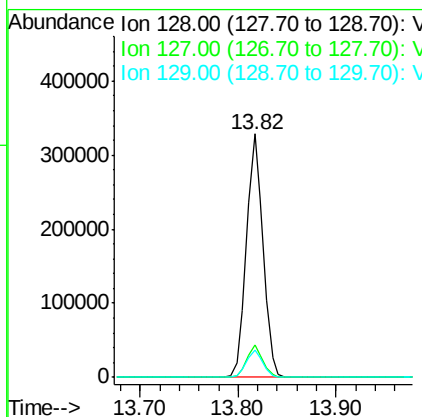
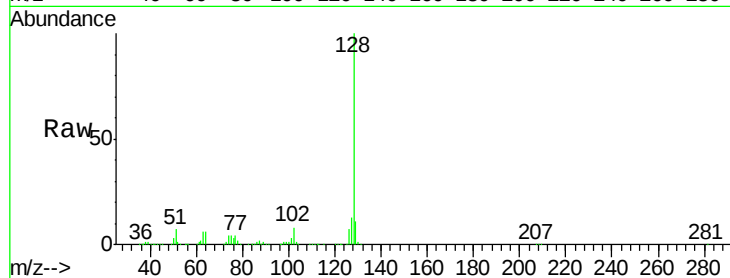
ClientSampleId :

VX0622WBS01

Tot Ion:	128	Resp:	386390
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/23/2020 11:03:11 AM



#96

1,2,3-Trichlorobenzene

Concen: 22.225 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016924.D

Acq: 22 Jun 2020 16:56

Tgt Ion:	180	Resp:	117050
Ion Ratio		Lower	Upper
180	100		
182	93.7	47.4	142.3
145	31.3	16.0	48.0

