

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071420\
 Data File : VX017371.D
 Acq On : 14 Jul 2020 12:11
 Operator : JC/SP
 Sample : VX0714WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2020 11:43:17 AM

Quant Time: Jul 15 01:42:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	300440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	447264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229225	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	181750	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
35) Dibromofluoromethane	5.46	113	147837	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	8.70	98	535699	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.12	95	201870	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	54457	21.421	ug/l	98
3) Chloromethane	1.32	50	53811	18.801	ug/l	97
4) Vinyl Chloride	1.39	62	55393	19.564	ug/l	96
5) Bromomethane	1.63	94	40017	21.711	ug/l	98
6) Chloroethane	1.71	64	35835	20.051	ug/l	100
7) Trichlorofluoromethane	1.92	101	93181	19.499	ug/l	90
8) Diethyl Ether	2.17	74	32498	19.238	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	52729	19.369	ug/l	99
10) Methyl Iodide	2.49	142	58432	17.800	ug/l	99
11) Tert butyl alcohol	3.01	59	61719	97.148	ug/l	99
12) 1,1-Dichloroethene	2.35	96	50273	18.387	ug/l	95
13) Acrolein	2.27	56	27296	78.378	ug/l	99
14) Allyl chloride	2.71	41	91401	19.293	ug/l	99
15) Acrylonitrile	3.12	53	151629	98.455	ug/l	100
16) Acetone	2.42	43	125992	93.657	ug/l	98
17) Carbon Disulfide	2.55	76	155537	19.501	ug/l	99
18) Methyl Acetate	2.75	43	64803	19.503	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	181168	19.515	ug/l	97
20) Methylene Chloride	2.84	84	61768	18.819	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	61044	19.514	ug/l	96
22) Diisopropyl ether	3.82	45	184672	20.464	ug/l	97
23) Vinyl Acetate	3.79	43	805219	101.457	ug/l	100
24) 1,1-Dichloroethane	3.67	63	106281	20.040	ug/l	98
25) 2-Butanone	4.64	43	206175	96.494	ug/l	99
26) 2,2-Dichloropropane	4.56	77	93584	18.960	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	67052	19.546	ug/l	98
28) Bromochloromethane	4.98	49	48088	19.628	ug/l	99
29) Tetrahydrofuran	5.09	42	135018	97.620	ug/l	99
30) Chloroform	5.18	83	110112	19.297	ug/l	95
31) Cyclohexane	5.55	56	87439	20.139	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	103551	19.631	ug/l	99
36) 1,1-Dichloropropene	5.77	75	80614	19.595	ug/l	100
37) Ethyl Acetate	4.79	43	81709	19.205	ug/l	98
38) Carbon Tetrachloride	5.76	117	95156	19.755	ug/l	95

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Manual Integrations
 APPROVED

MMDadoda
 7/15/2020 11:43:17 AM

Quant Time: Jul 15 01:42:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	86277	19.312	ug/l	98
40) Benzene	6.12	78	234901	19.868	ug/l	98
41) Methacrylonitrile	5.01	41	44061	19.291	ug/l	98
42) 1,2-Dichloroethane	6.16	62	89791	19.547	ug/l	100
43) Isopropyl Acetate	6.41	43	129540	19.054	ug/l	99
44) Trichloroethene	7.19	130	69990	19.380	ug/l	92
45) 1,2-Dichloropropane	7.49	63	61229	20.239	ug/l	95
46) Dibromomethane	7.64	93	43736	20.045	ug/l	97
47) Bromodichloromethane	7.88	83	90731	19.891	ug/l	99
48) Methyl methacrylate	7.74	41	62147	19.050	ug/l	97
49) 1,4-Dioxane	7.71	88	26719	400.211	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	415062	100.128	ug/l	99
52) Toluene	8.76	92	149479	19.701	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	93113	18.948	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	100568	19.187	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	62265	19.680	ug/l	96
56) Ethyl methacrylate	9.16	69	84375	18.784	ug/l	99
57) 1,3-Dichloropropane	9.35	76	102978	19.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	228378	100.135	ug/l	99
59) 2-Hexanone	9.47	43	305080	97.510	ug/l	99
60) Dibromochloromethane	9.57	129	74732	19.335	ug/l	98
61) 1,2-Dibromoethane	9.65	107	67301	19.554	ug/l	100
64) Tetrachloroethene	9.32	164	71122	19.799	ug/l	97
65) Chlorobenzene	10.12	112	167452	19.854	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	66383	19.769	ug/l	99
67) Ethyl Benzene	10.23	91	281790	20.069	ug/l	97
68) m/p-Xylenes	10.34	106	216820	40.586	ug/l	100
69) o-Xylene	10.68	106	101187	19.822	ug/l	100
70) Styrene	10.69	104	176290	20.119	ug/l	99
71) Bromoform	10.84	173	54781	19.333	ug/l #	100
73) Isopropylbenzene	11.00	105	280623	19.529	ug/l	100
74) N-amyl acetate	10.88	43	111191	19.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	86856	19.908	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	86100m	20.327	ug/l	
77) Bromobenzene	11.24	156	75959	18.560	ug/l	96
78) n-propylbenzene	11.34	91	316822	19.632	ug/l	100
79) 2-Chlorotoluene	11.40	91	194575	19.565	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	238804	19.578	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	30008	17.972	ug/l	99
82) 4-Chlorotoluene	11.49	91	230369	19.546	ug/l	100
83) tert-Butylbenzene	11.76	119	225608	19.134	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	240986	19.556	ug/l	99
85) sec-Butylbenzene	11.93	105	266330	19.293	ug/l	100
86) p-Isopropyltoluene	12.05	119	256581	19.644	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	138444	18.910	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	139976	18.924	ug/l	98
89) n-Butylbenzene	12.37	91	207461	18.624	ug/l	99
90) Hexachloroethane	12.58	117	47932	19.329	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	131538	19.119	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20965	18.211	ug/l	91

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Instrument :
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ClientSampleId :
VX0714WBS01

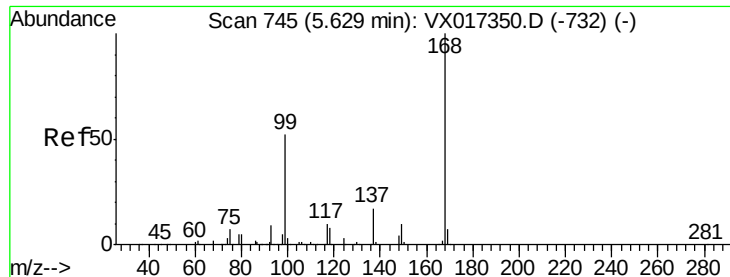
Manual Integrations
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7/15/2020 11:43:17 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	87087	18.235	ug/l	99
94) Hexachlorobutadiene	13.76	225	34999	17.970	ug/l	97
95) Naphthalene	13.82	128	259216	18.460	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	85806	18.599	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tot Ion:168 Resp: 300440

Ion Ratio Lower Upper

168 100

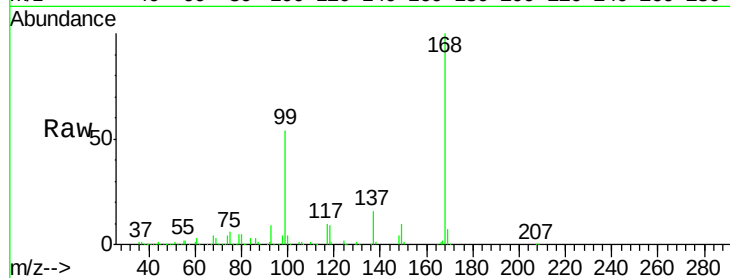
99 54.1 41.6 62.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

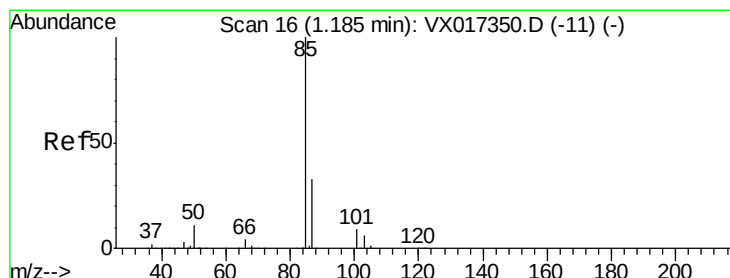
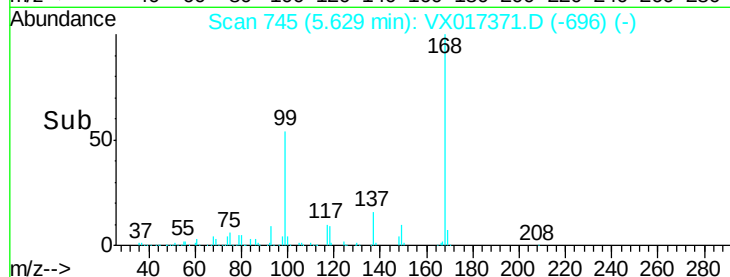
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.421 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017371.D

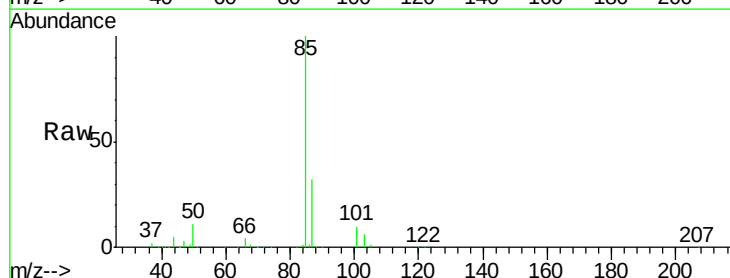
Acq: 14 Jul 2020 12:11

Tgt Ion: 85 Resp: 54457

Ion Ratio Lower Upper

85 100

87 31.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

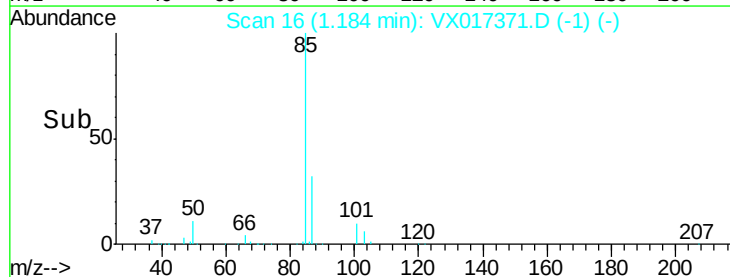
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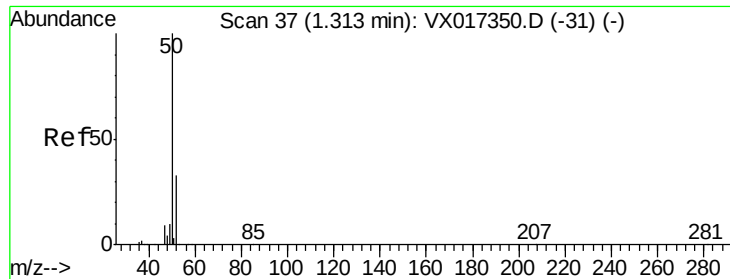
40000

20000

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Time-->





#3

Chloromethane

Concen: 18.801 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tot Ion: 50 Resp: 53811

Ion Ratio Lower Upper

50 100

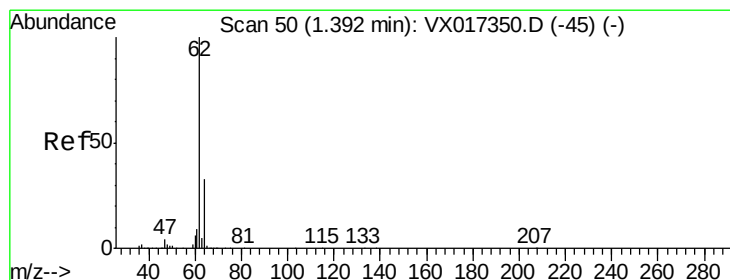
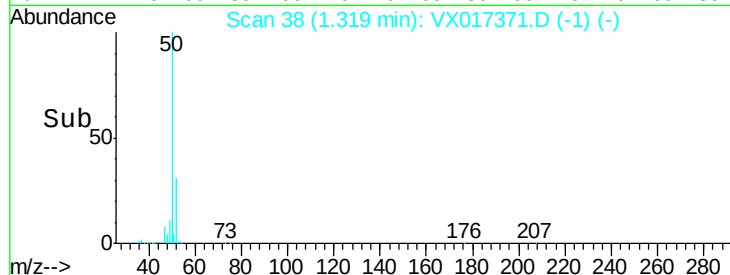
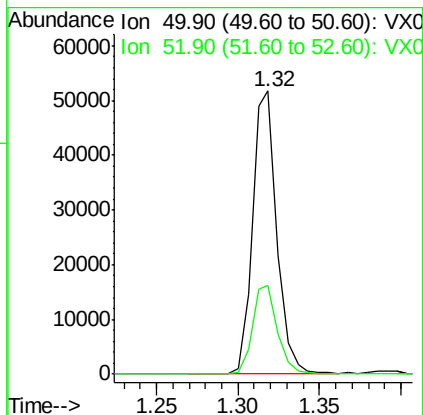
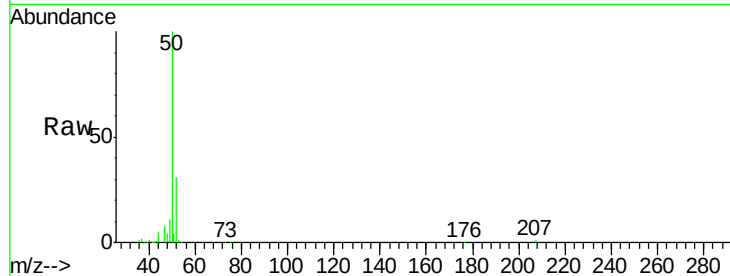
52 31.5 26.7 40.1

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#4

Vinyl Chloride

Concen: 19.564 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017371.D

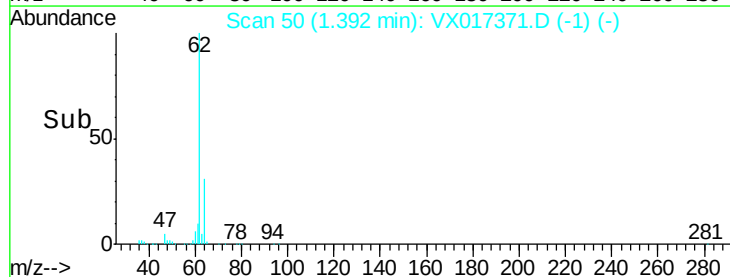
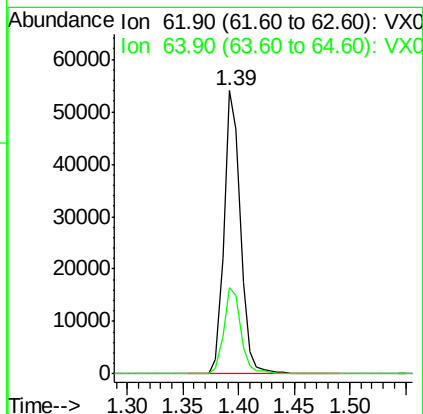
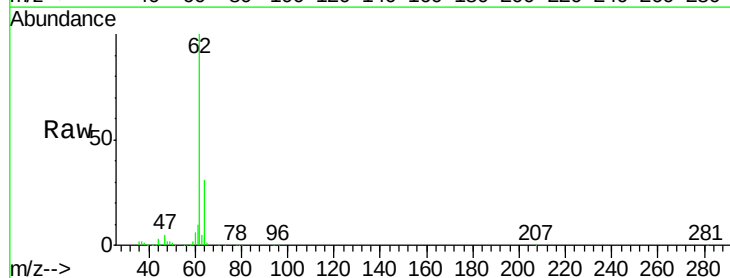
Acq: 14 Jul 2020 12:11

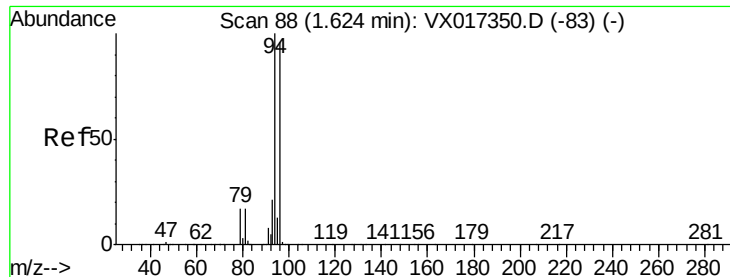
Tgt Ion: 62 Resp: 55393

Ion Ratio Lower Upper

62 100

64 30.7 26.3 39.5





#5

Bromomethane

Concen: 21.711 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tot Ion: 94 Resp: 40017

Ion Ratio Lower Upper

94 100

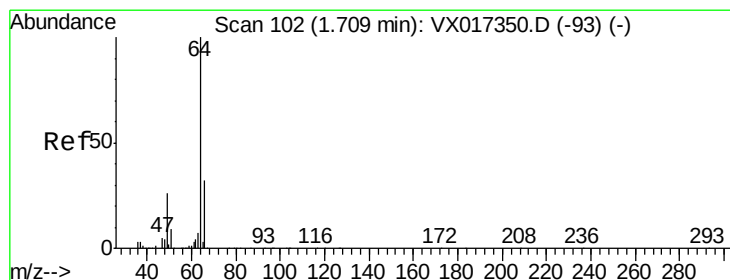
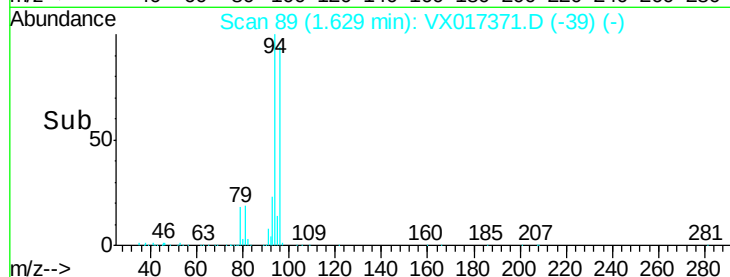
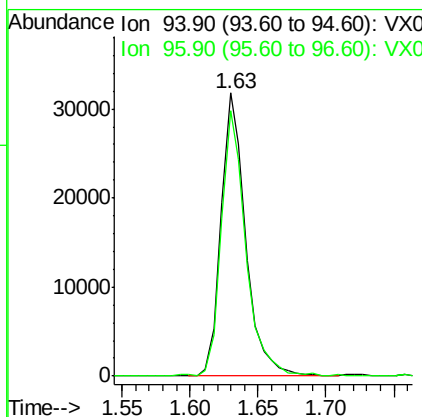
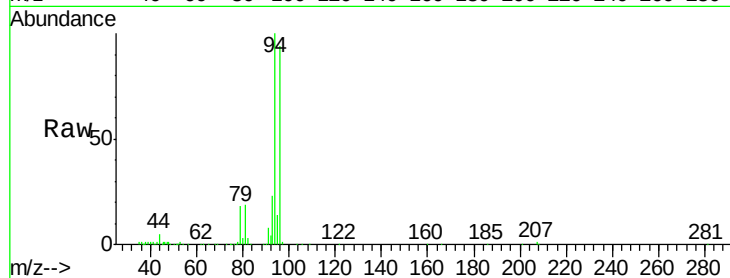
96 93.5 76.6 115.0

Manual Integrations

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#6

Chloroethane

Concen: 20.051 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017371.D

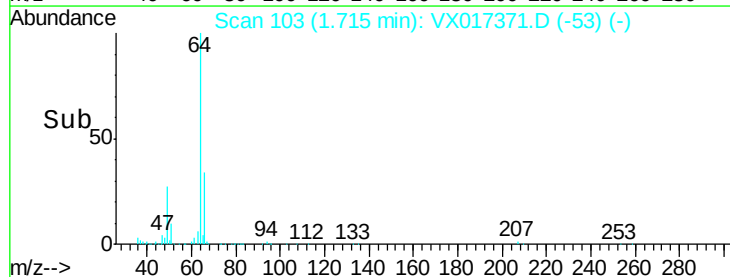
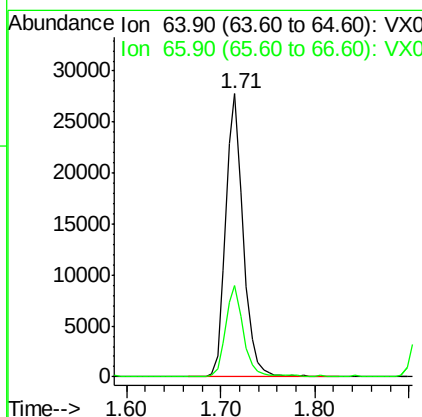
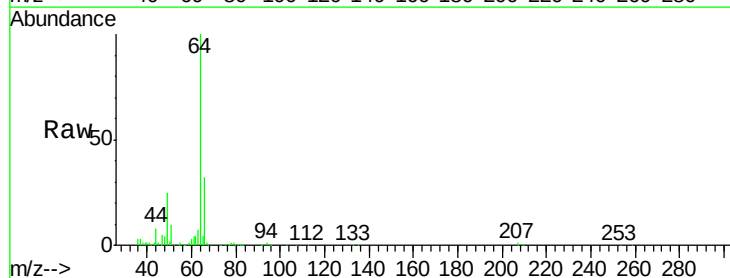
Acq: 14 Jul 2020 12:11

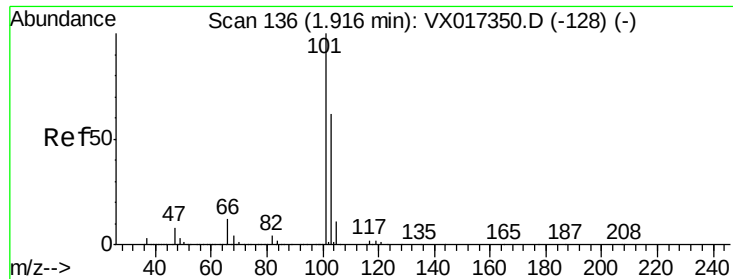
Tgt Ion: 64 Resp: 35835

Ion Ratio Lower Upper

64 100

66 32.2 25.7 38.5





#7

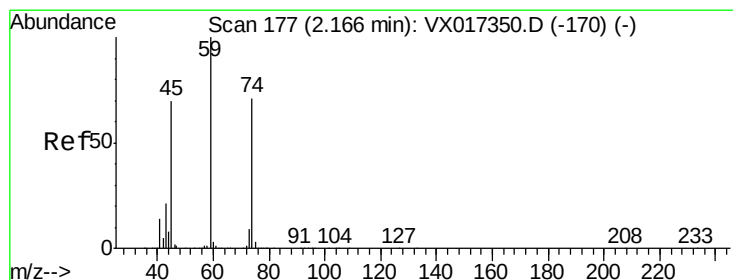
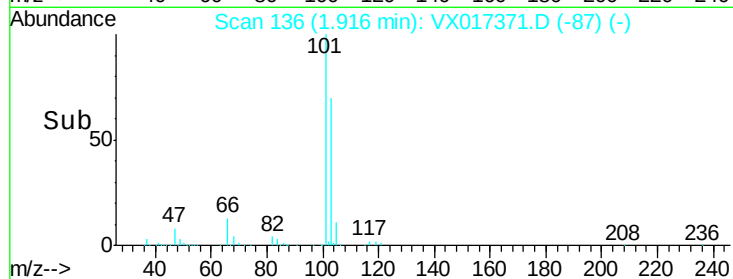
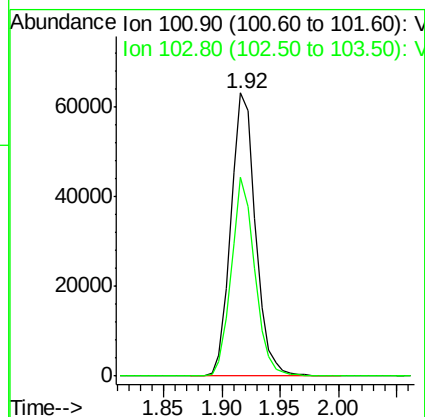
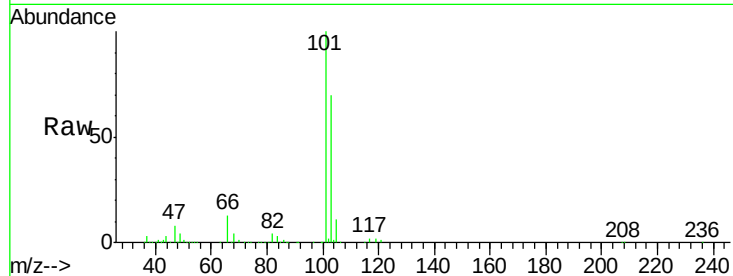
Trichlorofluoromethane
Concen: 19.499 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Instrument :
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ClientSampleId :
VX0714WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	70.1	49.6	74.4

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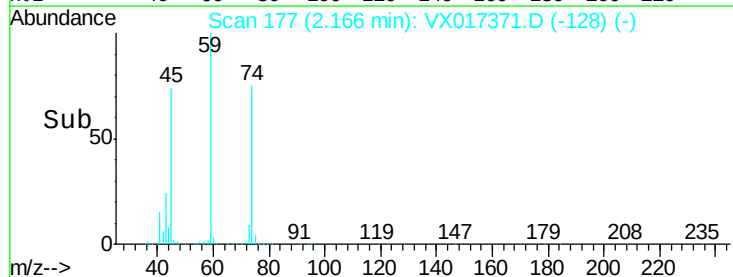
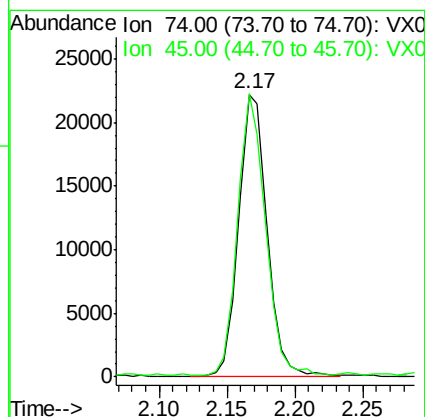
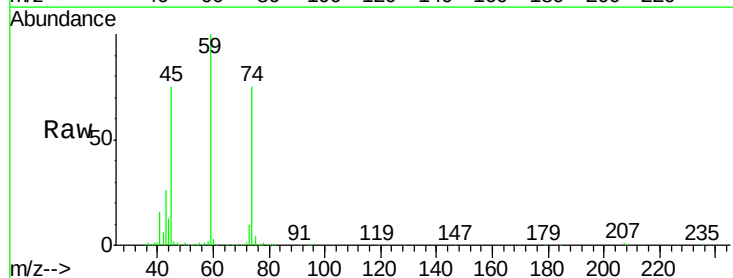
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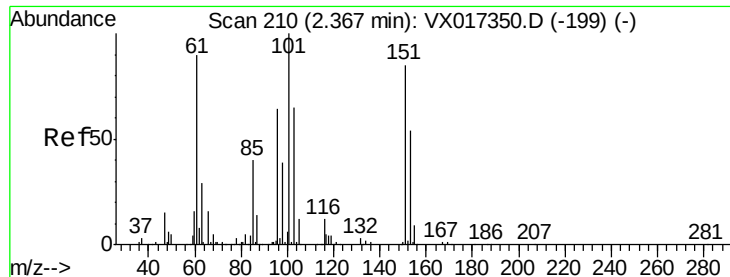


#8

Diethyl Ether
Concen: 19.238 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.369 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

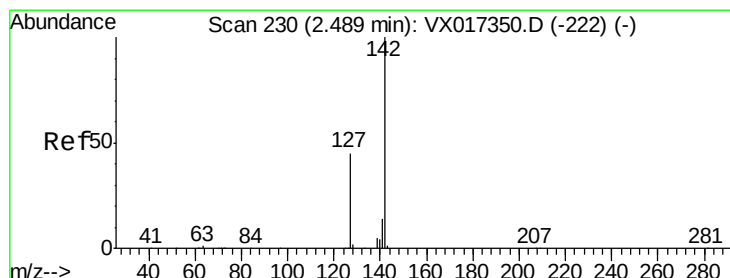
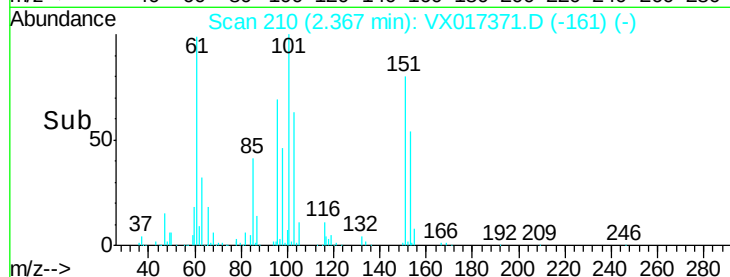
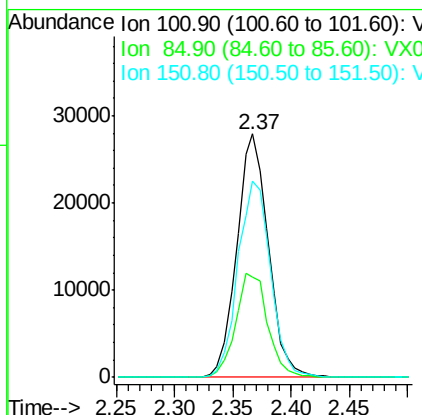
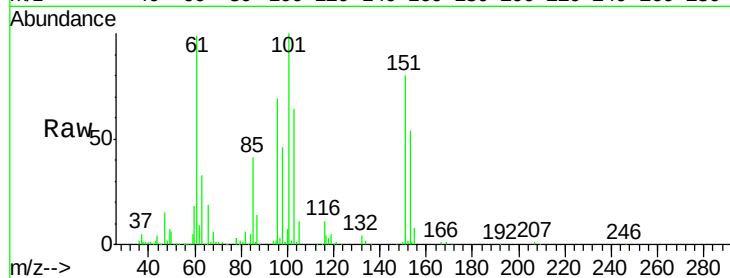
ClientSampleId :

VX0714WBS01

Tot Ion:	101	Resp:	52729
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.7	50.5
151	83.7	66.4	99.6

Manual Integrations
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7/15/2020 11:43:17 AM



#10

Methyl Iodide

Concen: 17.800 ug/l

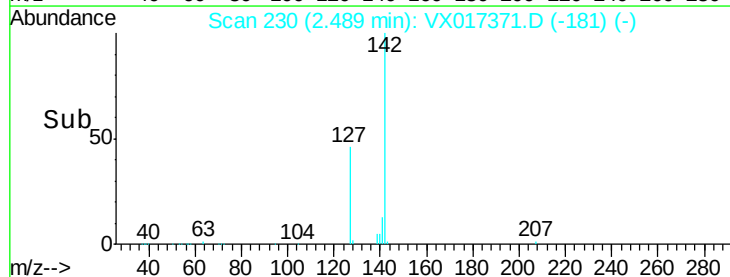
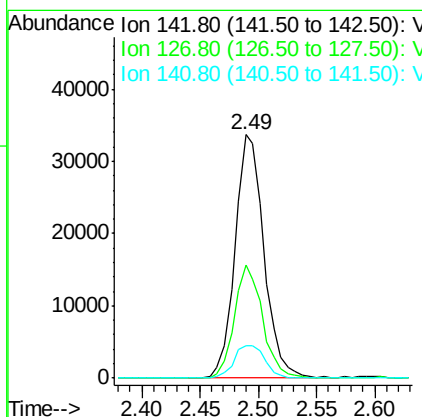
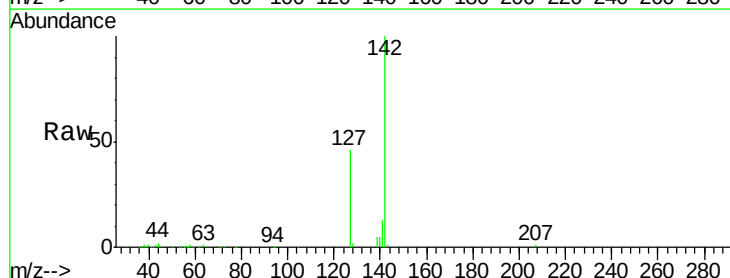
RT: 2.49 min Scan# 230

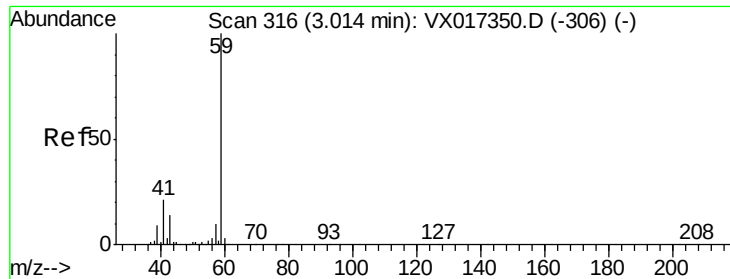
Delta R.T. 0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Tgt Ion:	142	Resp:	58432
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.8	55.2
141	14.4	11.4	17.0





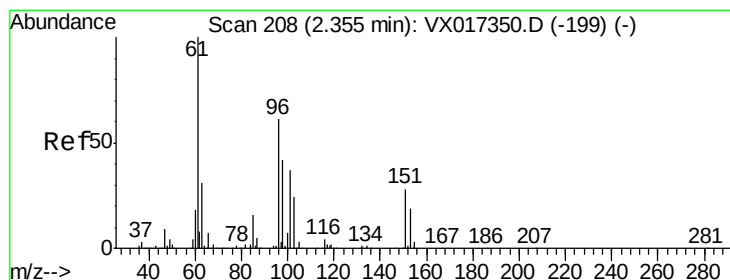
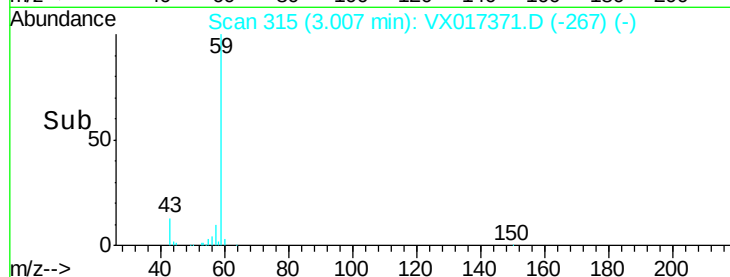
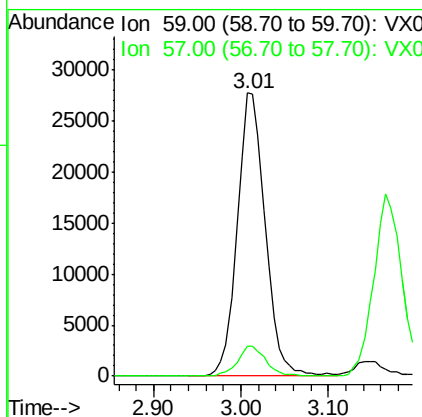
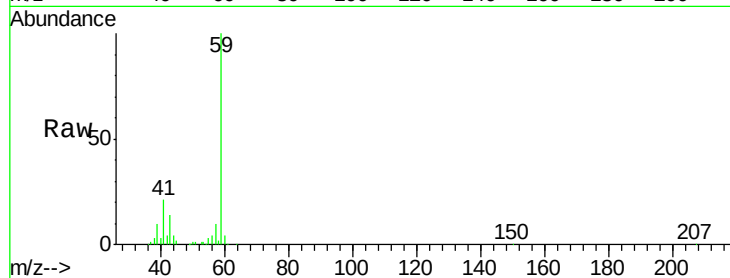
#11
Tert butyl alcohol
Concen: 97.148 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tot Ion: 59 Resp: 61719
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

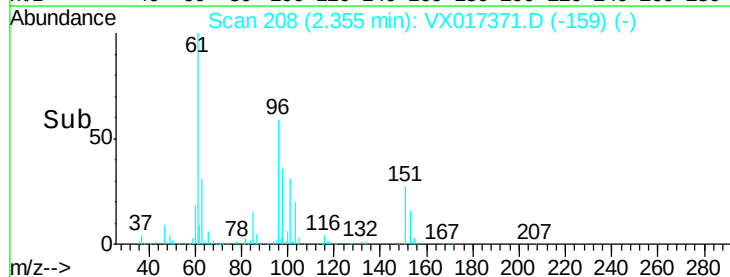
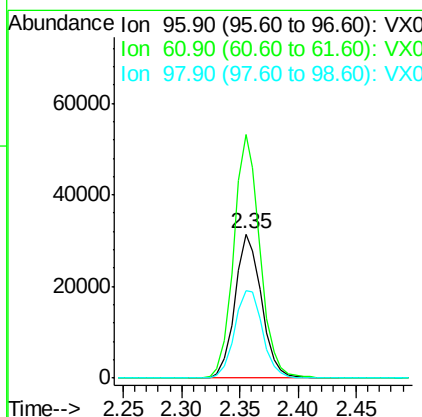
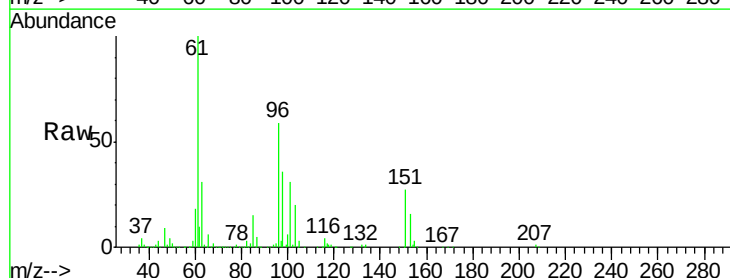
Manual Integrations
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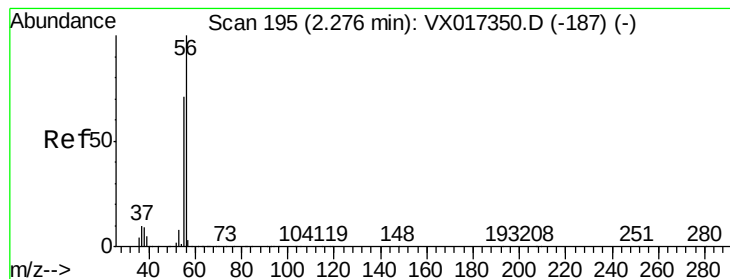
MMDadoda
7/15/2020 11:43:17 AM



#12
1,1-Dichloroethene
Concen: 18.387 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Tgt Ion: 96 Resp: 50273
Ion Ratio Lower Upper
96 100
61 168.8 131.5 197.3
98 60.7 55.1 82.7





#13

Acrolein

Concen: 78.378 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tot Ion: 56 Resp: 27296

Ion Ratio Lower Upper

56 100

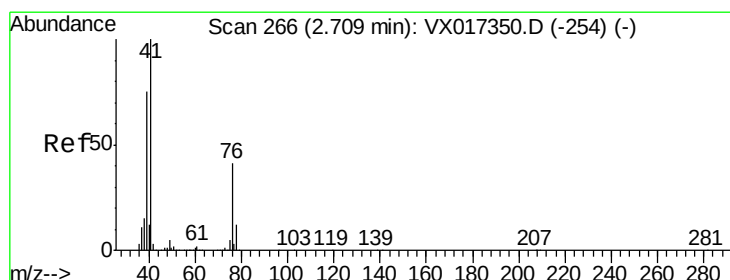
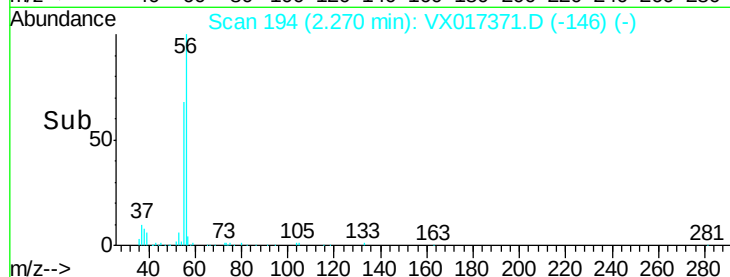
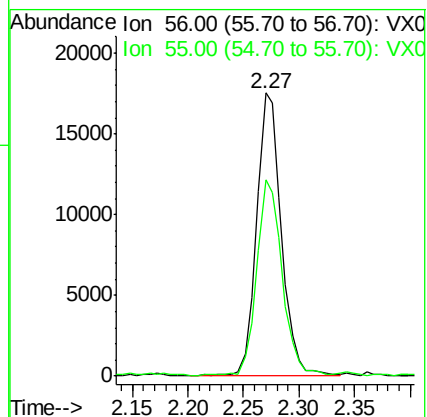
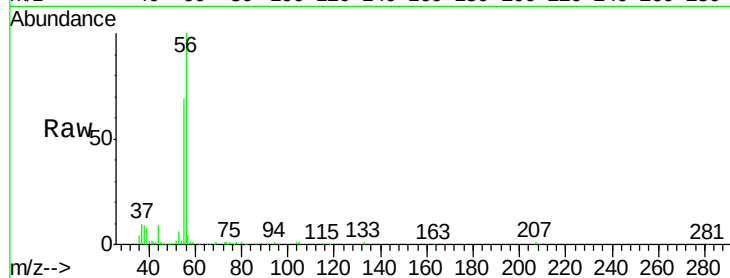
55 72.1 57.1 85.7

Manual Integrations

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#14

Allyl chloride

Concen: 19.293 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

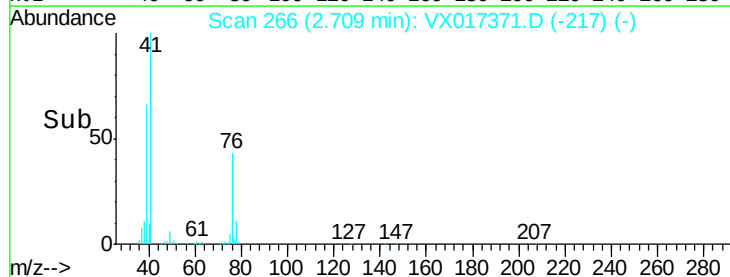
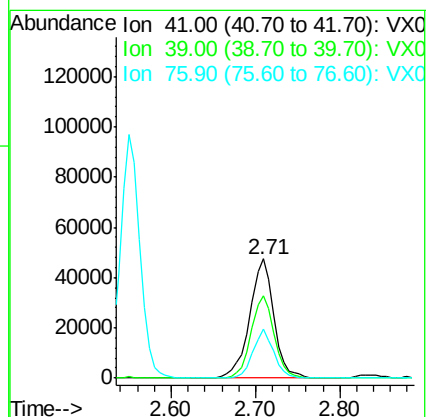
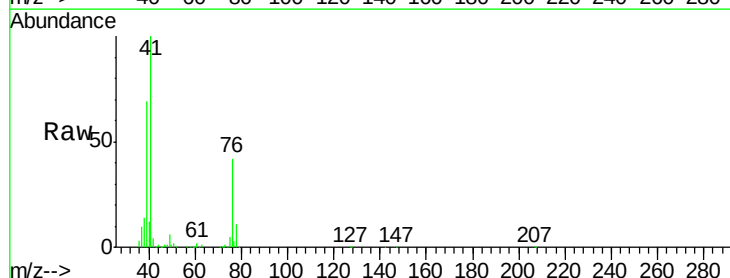
Tgt Ion: 41 Resp: 91401

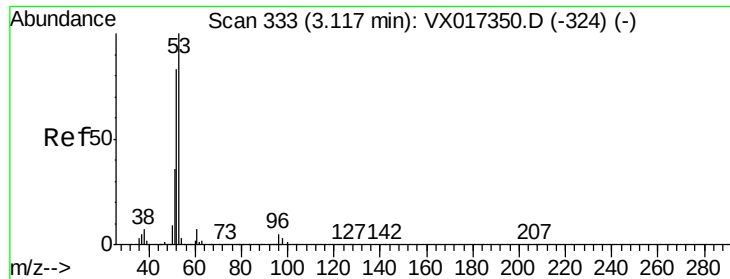
Ion Ratio Lower Upper

41 100

39 65.1 53.0 79.4

76 35.1 28.2 42.2





#15

Acrylonitrile

Concen: 98.455 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

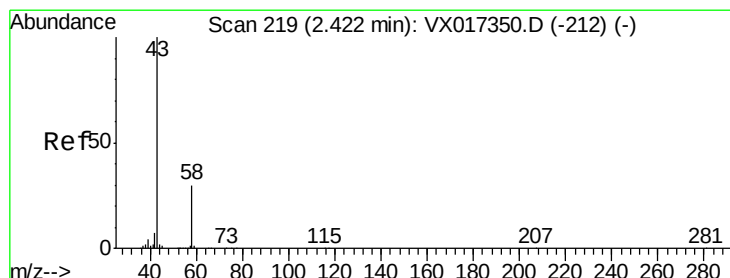
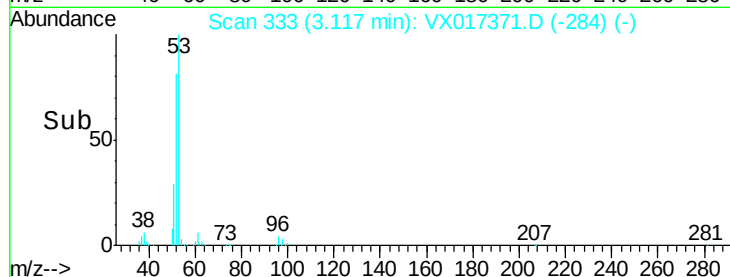
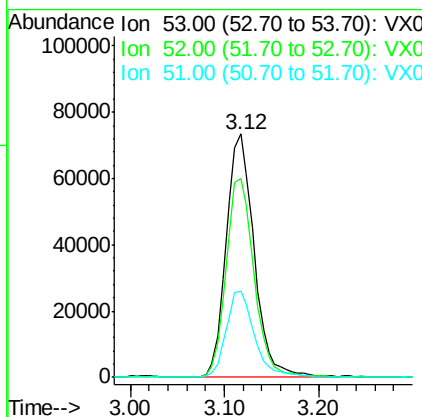
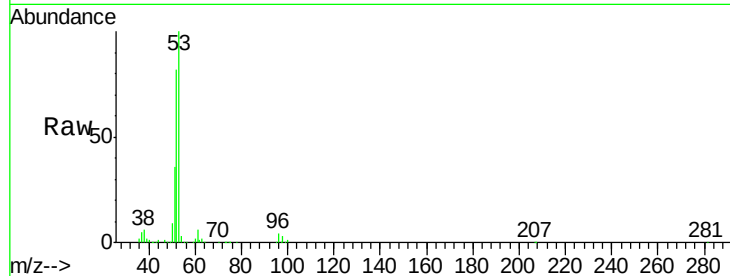
ClientSampleId :

VX0714WBS01

Tot Ion	53	Resp	151629
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.8	98.6
51	36.4	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 93.657 ug/l

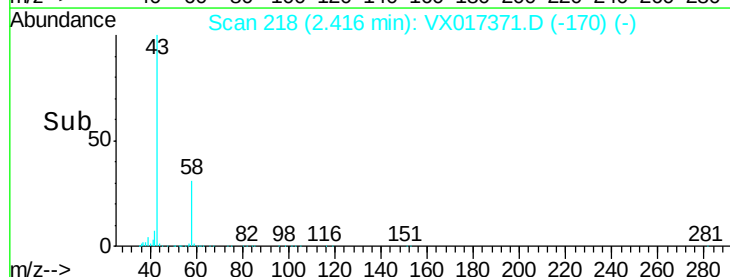
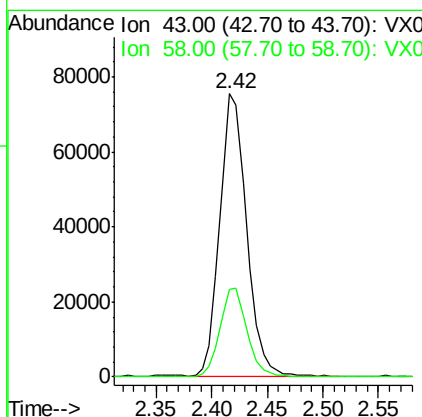
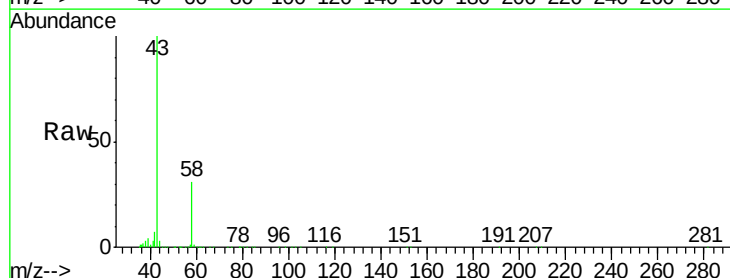
RT: 2.42 min Scan# 218

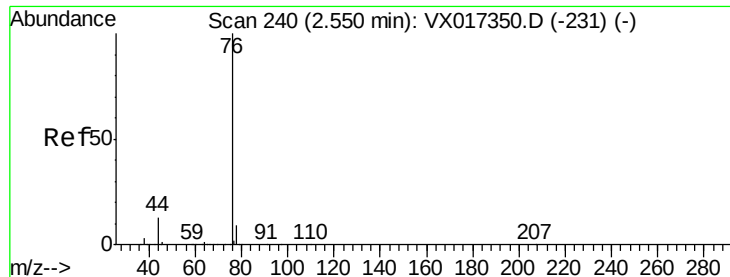
Delta R.T. -0.01 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Tgt Ion	43	Resp	125992
Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.2	36.2





#17

Carbon Disulfide

Concen: 19.501 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tot Ion: 76 Resp: 155537

Ion Ratio Lower Upper

76 100

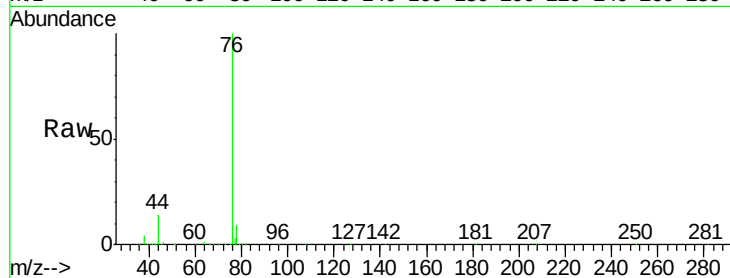
78 8.7 7.3 10.9

Manual Integrations

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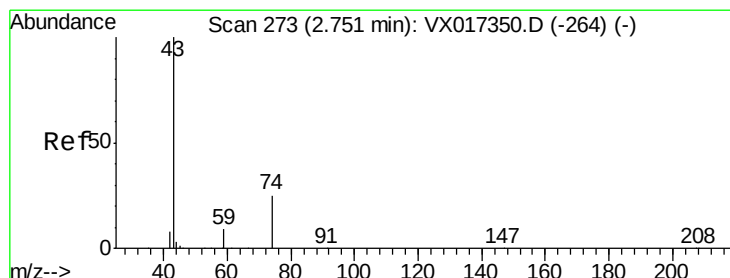
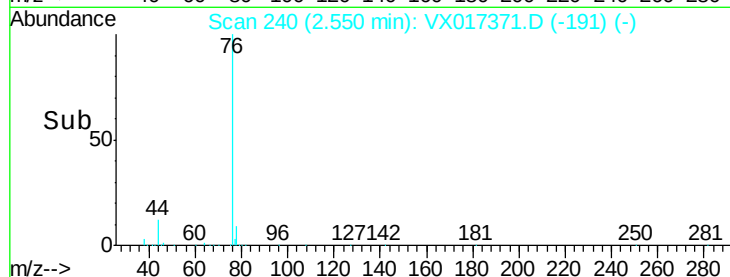
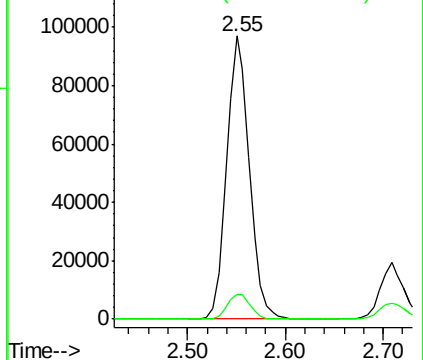
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.503 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017371.D

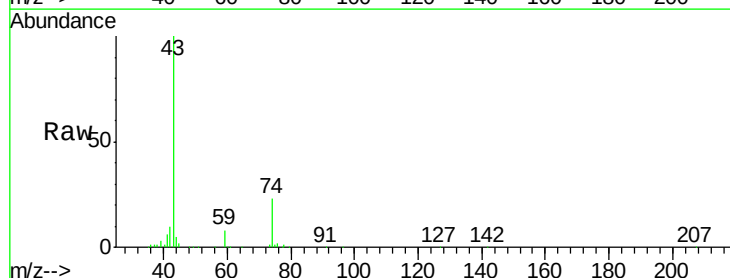
Acq: 14 Jul 2020 12:11

Tgt Ion: 43 Resp: 64803

Ion Ratio Lower Upper

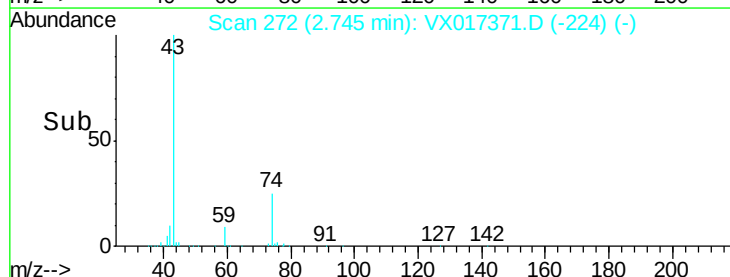
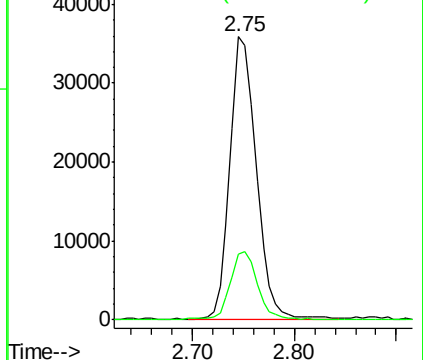
43 100

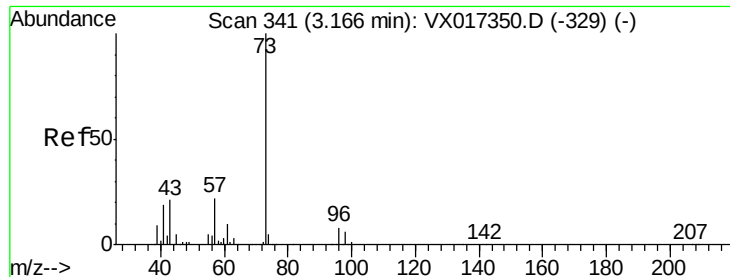
74 24.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





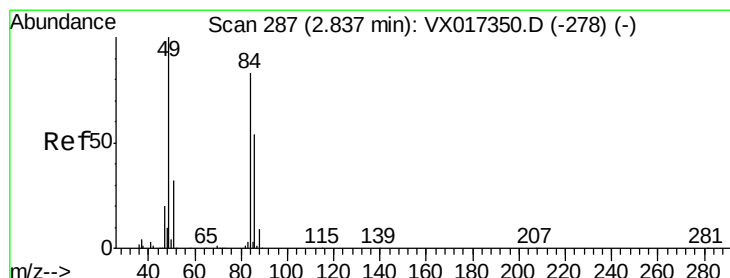
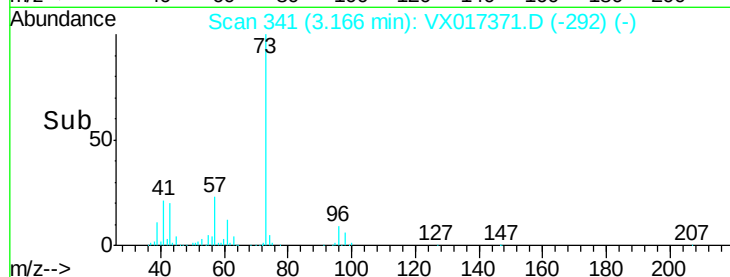
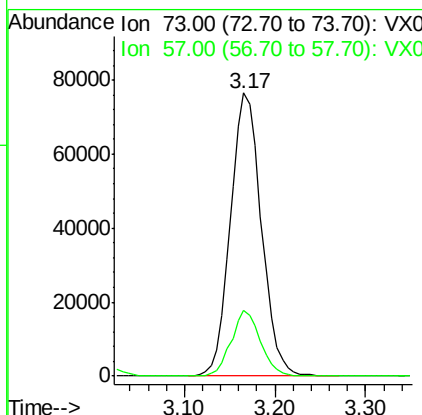
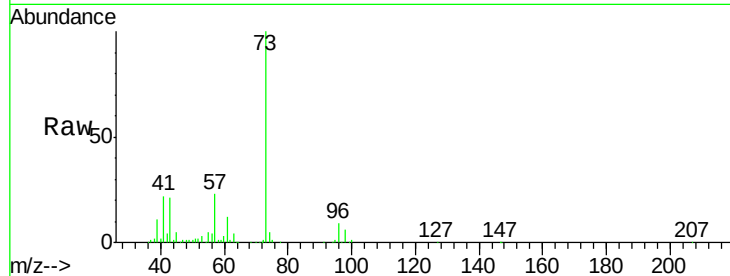
#19
Methyl tert-butyl Ether
Concen: 19.515 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	17.5	26.3

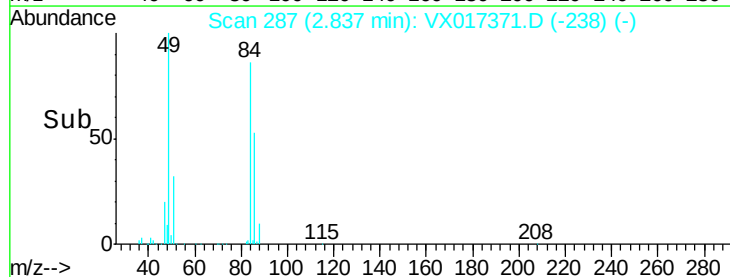
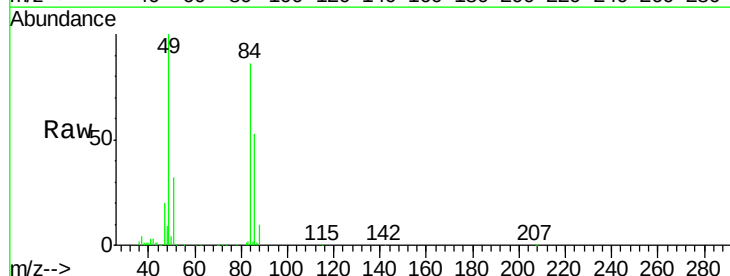
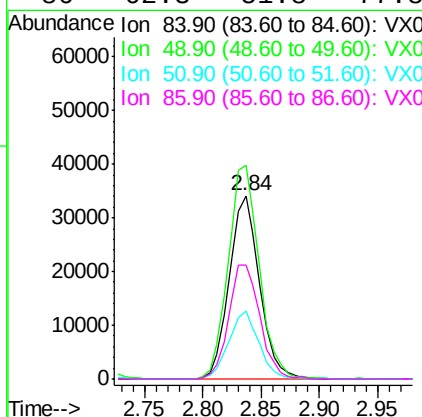
Manual Integrations
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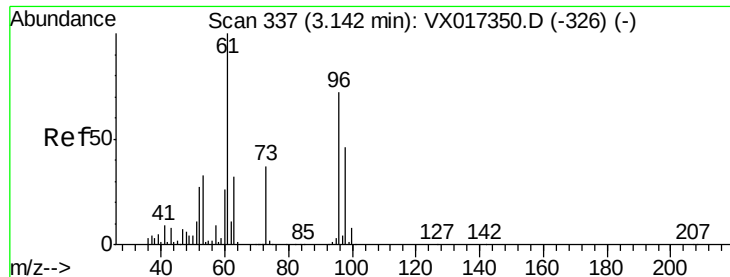
MMDadoda
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#20
Methylene Chloride
Concen: 18.819 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.5	95.8	143.8
51	37.1	31.0	46.4
86	62.3	51.8	77.8





#21

trans-1,2-Dichloroethene

Concen: 19.514 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

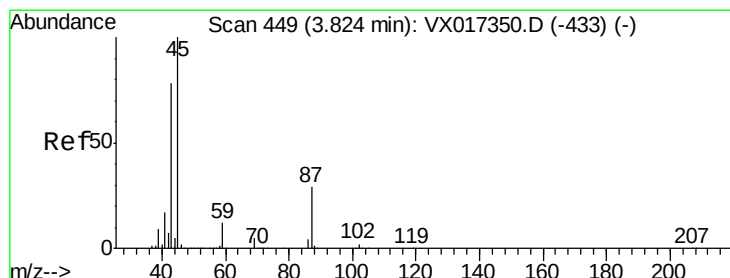
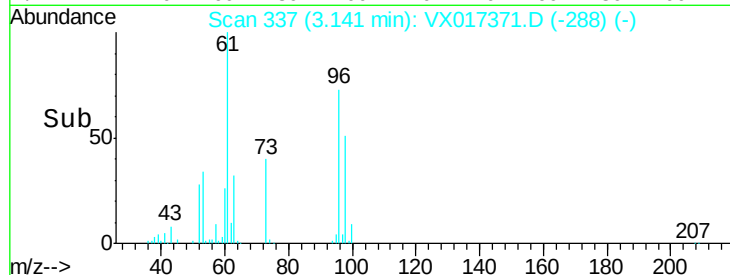
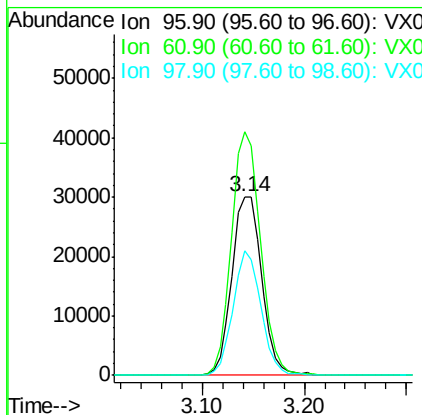
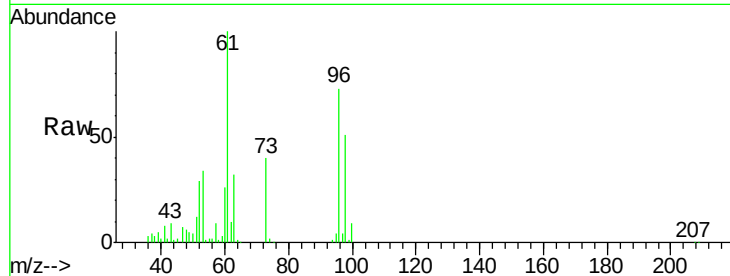
ClientSampleId :

VX0714WBS01

Tot Ion:	96	Resp:	61044
Ion	Ratio	Lower	Upper
96	100		
61	136.3	111.1	166.7
98	69.8	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.464 ug/l

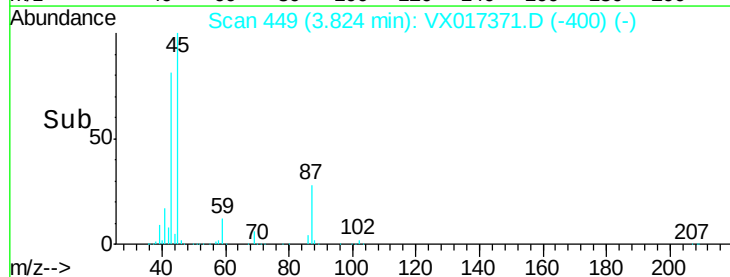
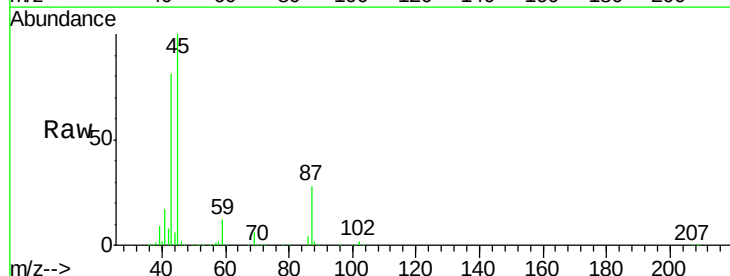
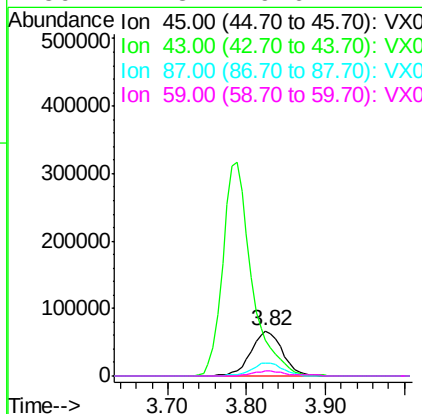
RT: 3.82 min Scan# 449

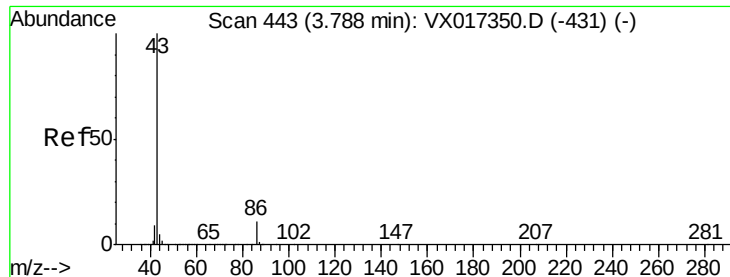
Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Tgt Ion:	45	Resp:	184672
Ion	Ratio	Lower	Upper
45	100		
43	80.8	62.2	93.2
87	28.4	23.0	34.6
59	12.3	9.6	14.4





#23

Vinyl Acetate

Concen: 101.457 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tot Ion: 43 Resp: 805219

Ion Ratio Lower Upper

43 100

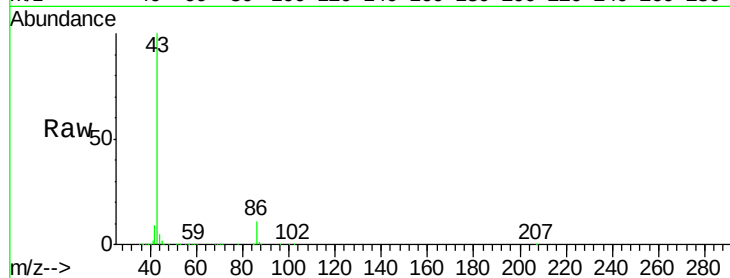
86 11.4 9.0 13.4

Manual Integrations

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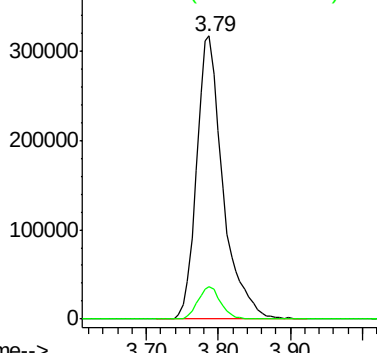
MMDadoda

7/15/2020 11:43:17 AM

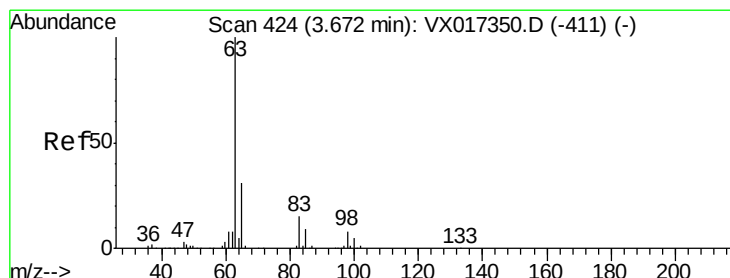
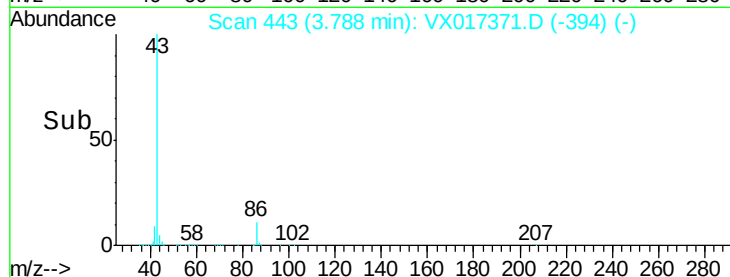


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 20.040 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

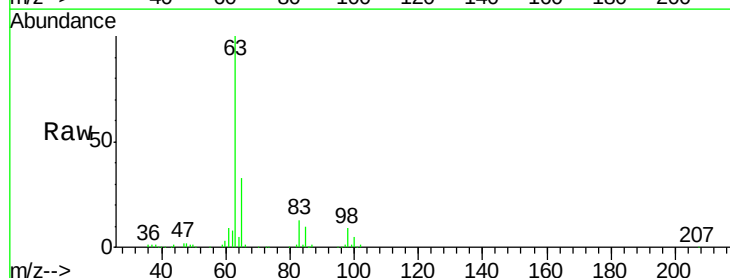
Tgt Ion: 63 Resp: 106281

Ion Ratio Lower Upper

63 100

98 8.6 3.9 11.5

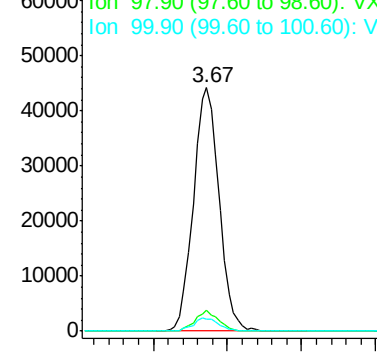
100 4.9 2.5 7.5



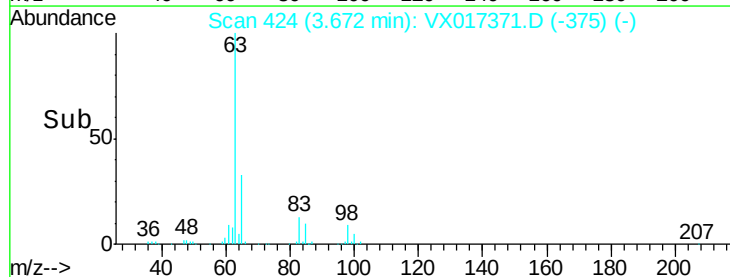
Abundance Ion 62.90 (62.60 to 63.60): VX0

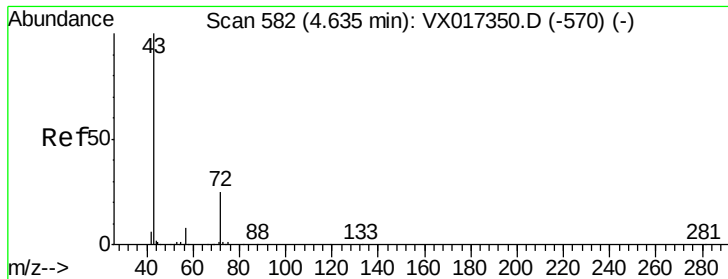
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 96.494 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tot Ion: 43 Resp: 206175

Ion Ratio Lower Upper

43 100

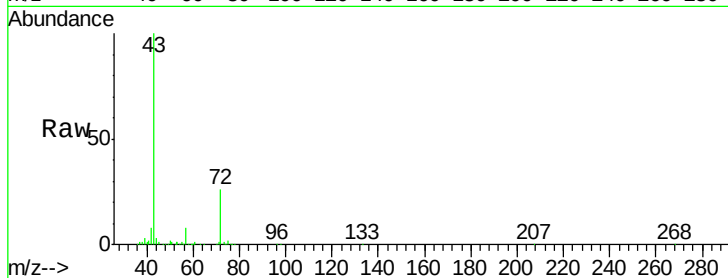
72 25.9 20.4 30.6

Manual Integrations

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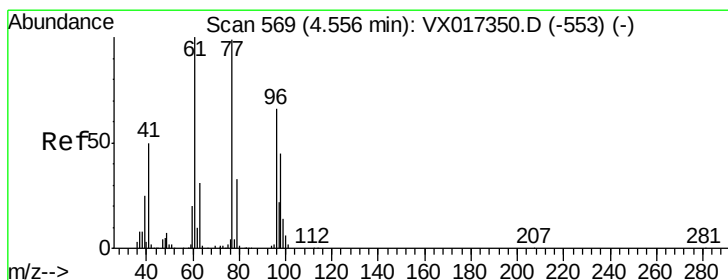
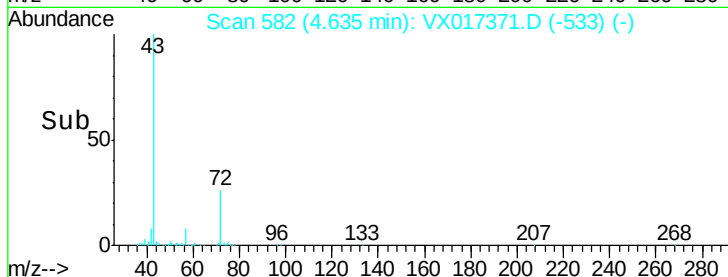
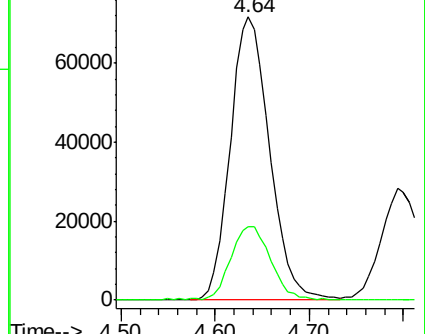
MMDadoda

7/15/2020 11:43:17 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.960 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX017371.D

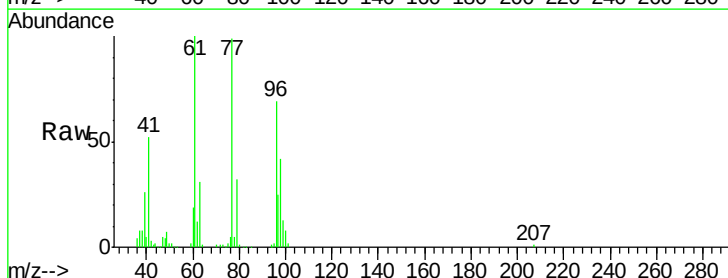
Acq: 14 Jul 2020 12:11

Tgt Ion: 77 Resp: 93584

Ion Ratio Lower Upper

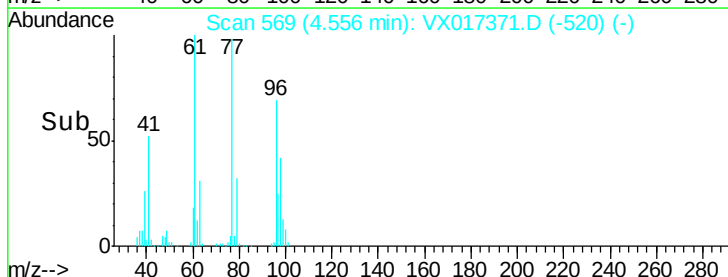
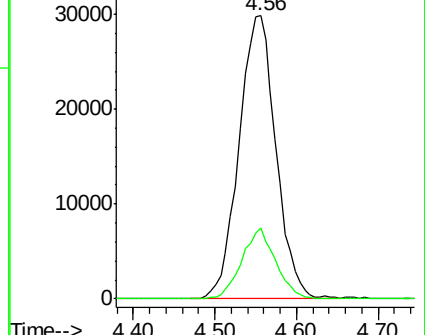
77 100

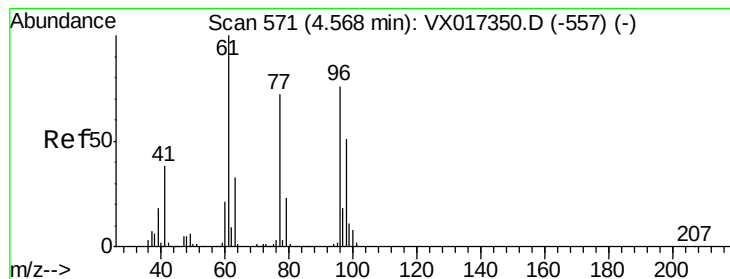
97 23.0 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

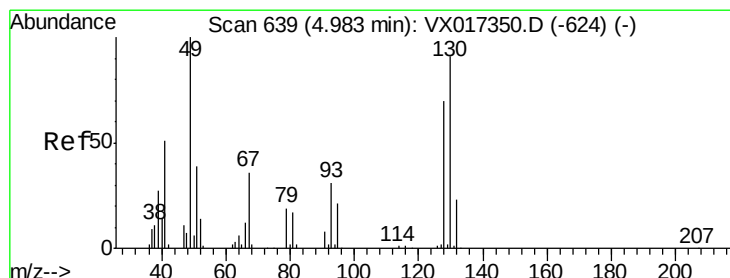
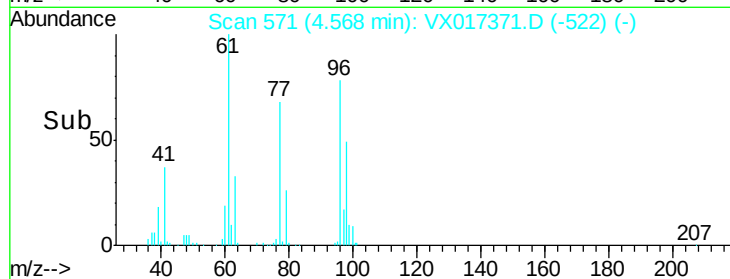
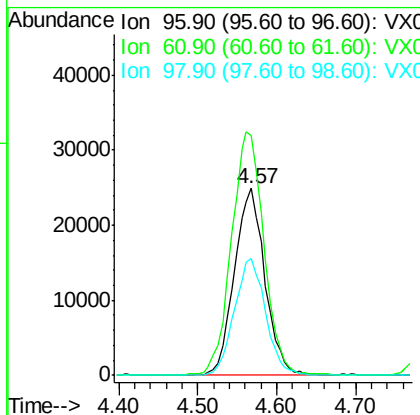
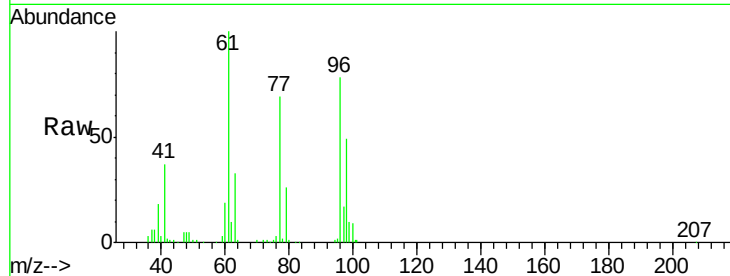
cis-1,2-Dichloroethene
Concen: 19.546 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	281.2
98	63.7	0.0	131.4

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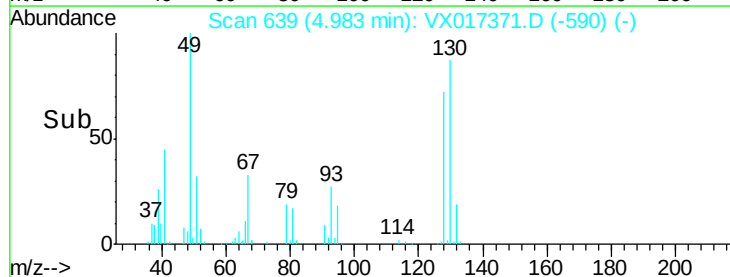
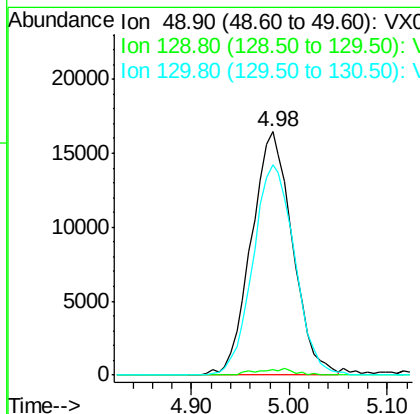
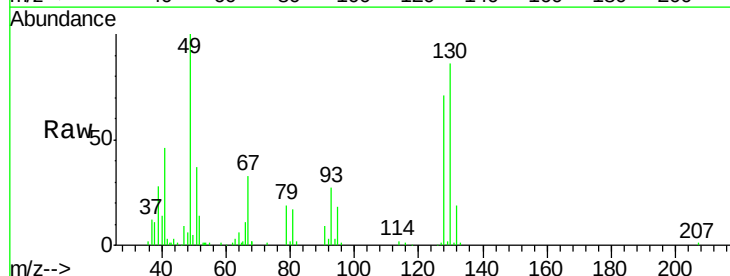
MMDadoda
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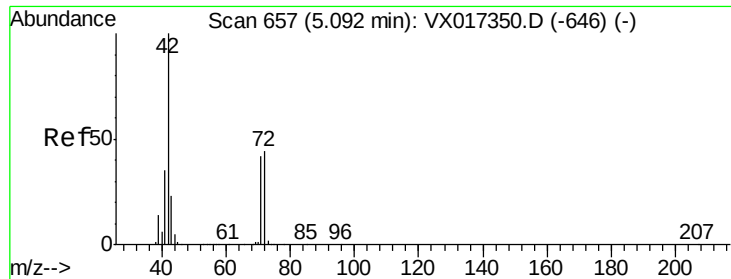


#28

Bromochloromethane
Concen: 19.628 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	87.7	71.1	106.7





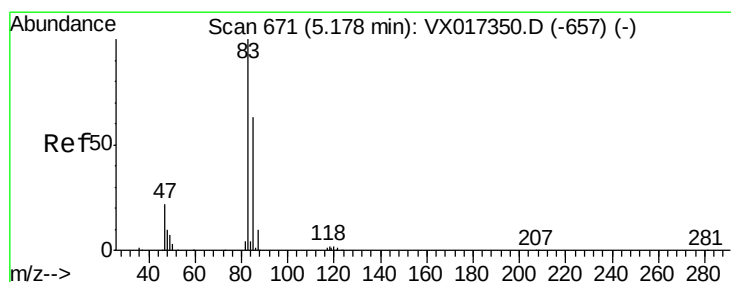
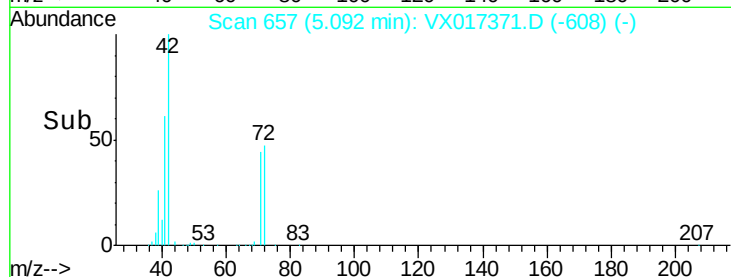
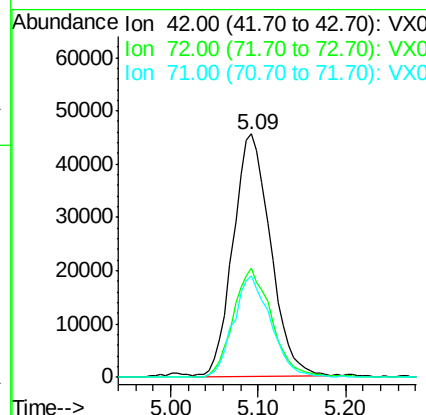
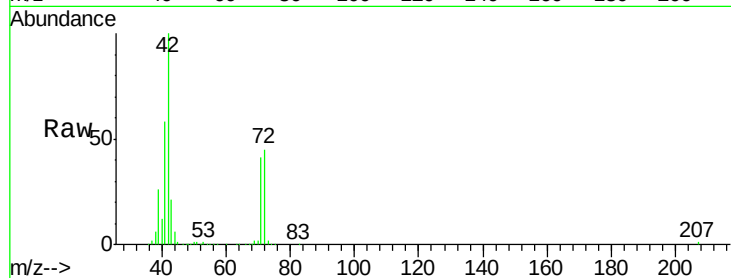
#29
Tetrahydrofuran
Concen: 97.620 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	37.2	55.8
71	41.9	34.4	51.6

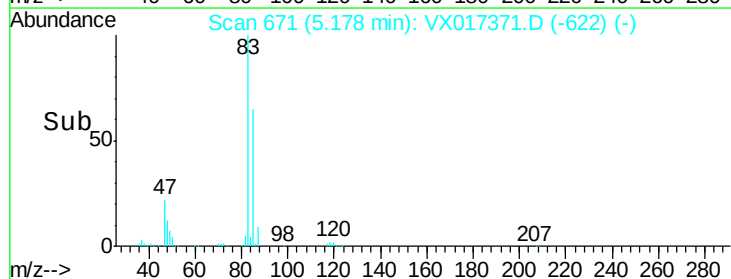
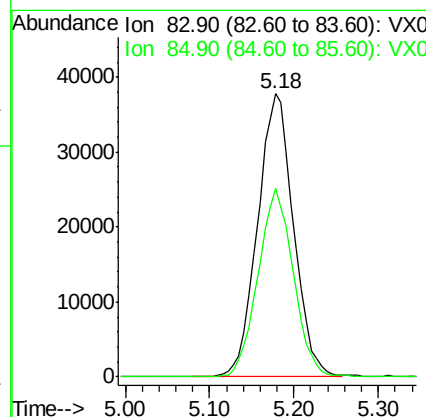
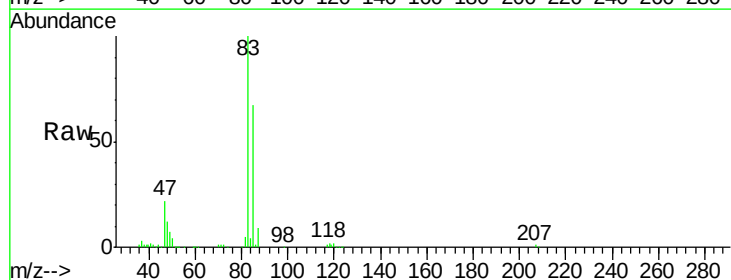
Manual Integrations
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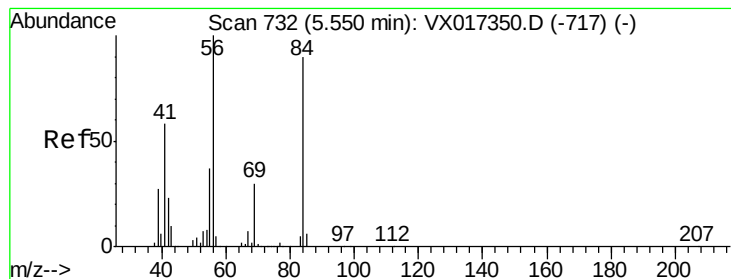
MMDadoda
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#30
Chloroform
Concen: 19.297 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.2	75.4





#31

Cyclohexane

Concen: 20.139 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

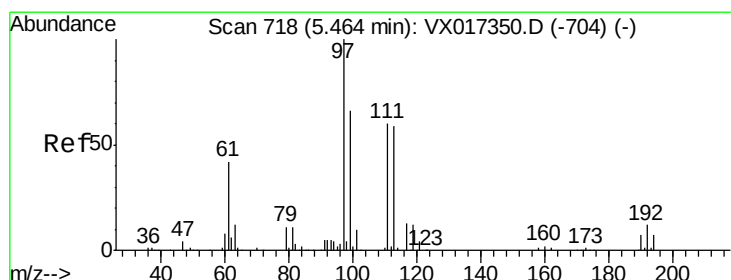
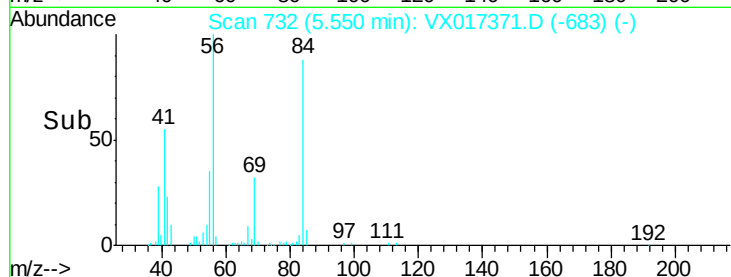
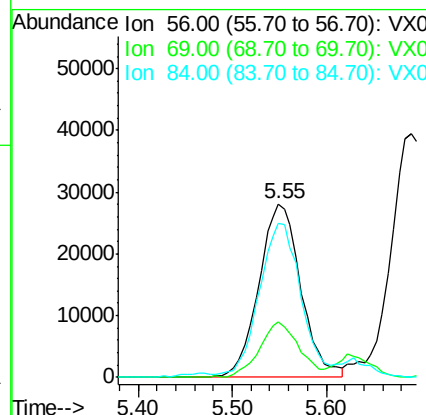
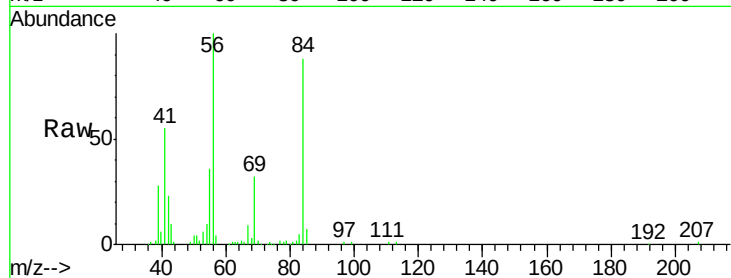
ClientSampleId :

VX0714WBS01

Tot Ion:	56	Resp:	87439
Ion	Ratio	Lower	Upper
56	100		
69	32.0	23.7	35.5
84	86.4	71.8	107.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.631 ug/l

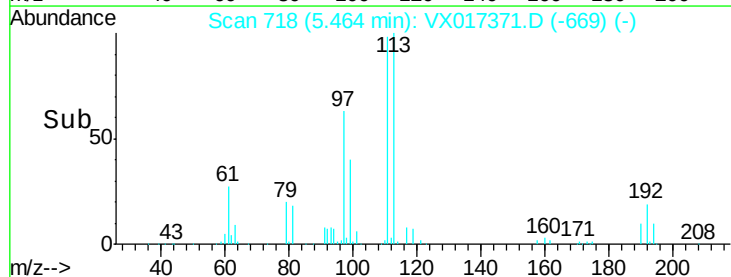
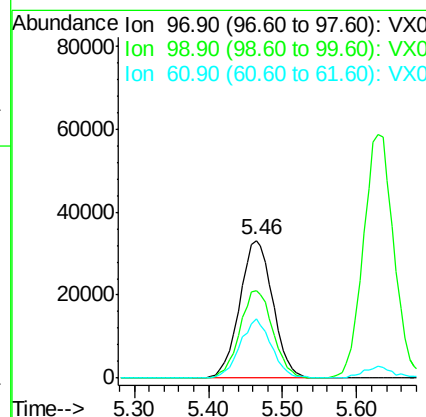
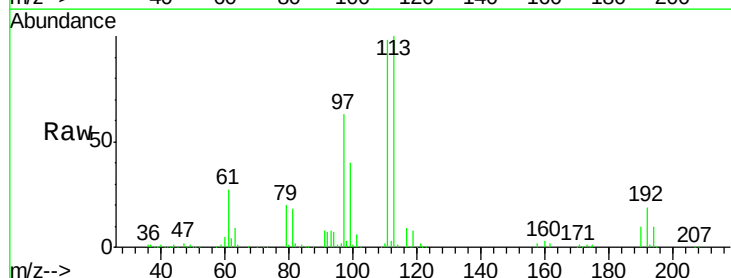
RT: 5.46 min Scan# 718

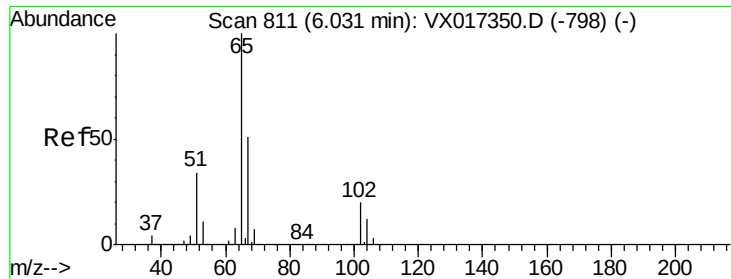
Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Tgt Ion:	97	Resp:	103551
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.2	76.8
61	40.7	32.7	49.1





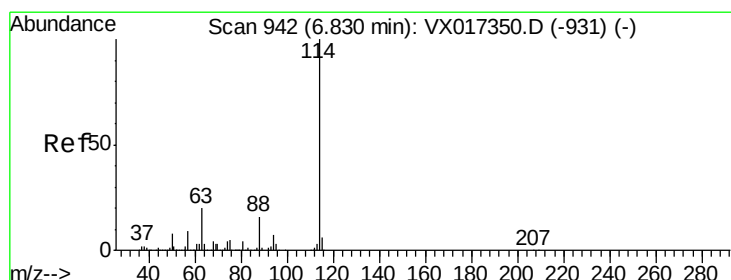
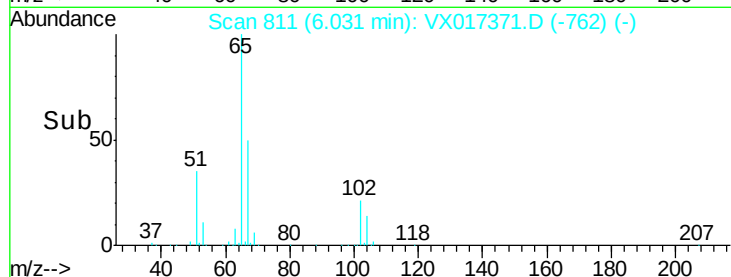
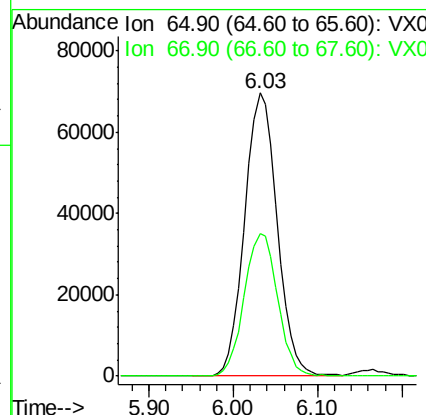
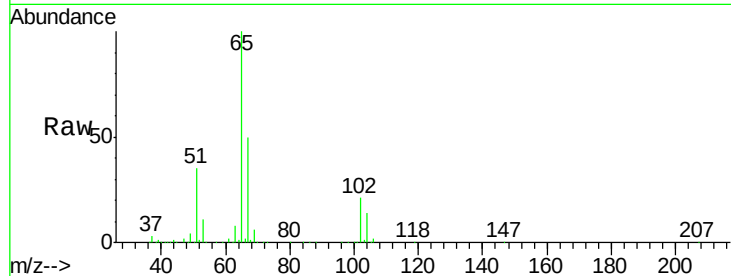
#33
 1,2-Dichloroethane-d4
 Concen: 48.200 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	181750		
67	51.7	0.0	101.6	

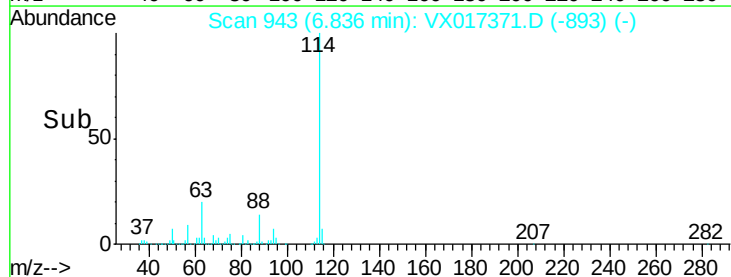
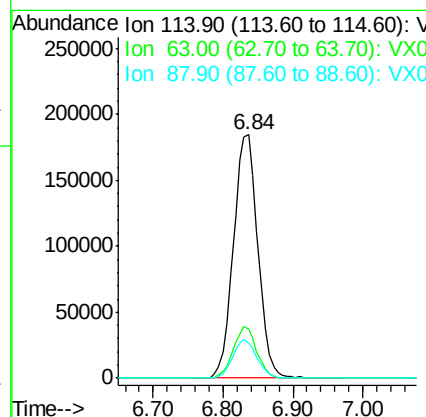
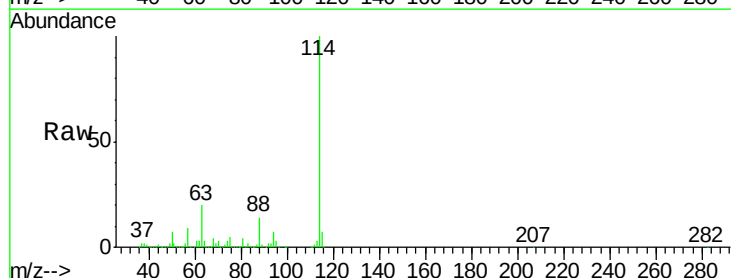
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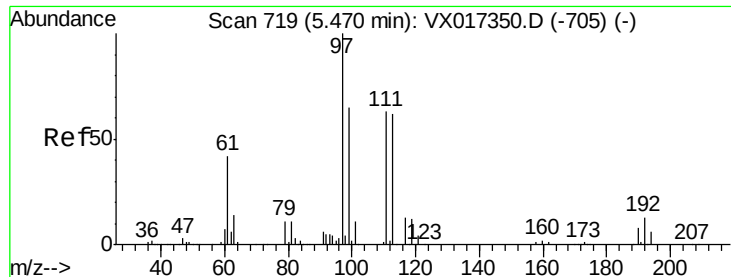
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	447264		
63	19.9	0.0	40.0	
88	14.4	0.0	32.8	





#35

Dibromofluoromethane

Concen: 49.069 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

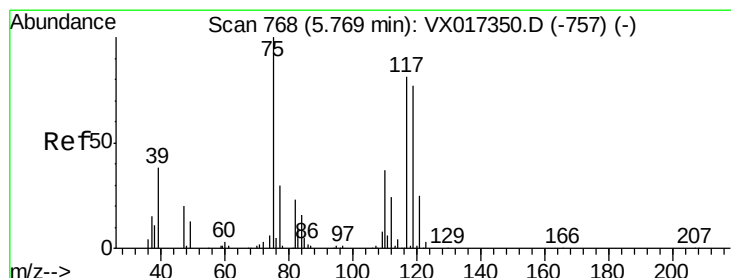
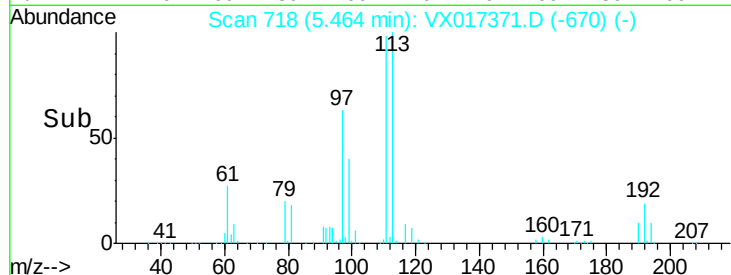
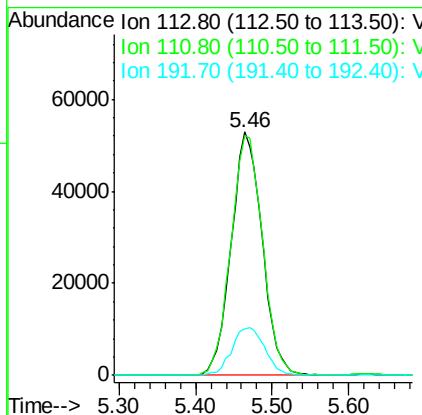
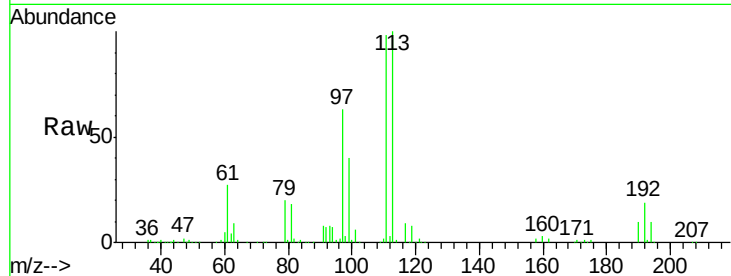
ClientSampleId :

VX0714WBS01

Tot Ion:	113	Resp:	147837
Ion Ratio	Lower	Upper	
113	100		
111	101.2	82.4	123.6
192	21.1	17.2	25.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.595 ug/l

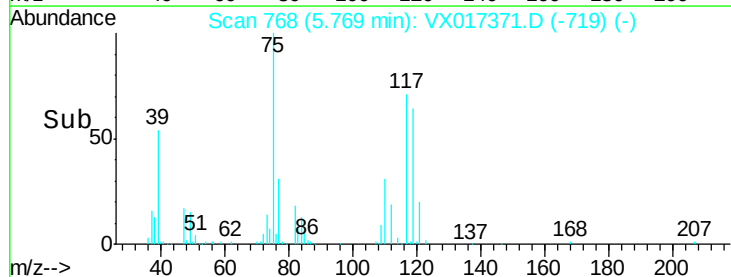
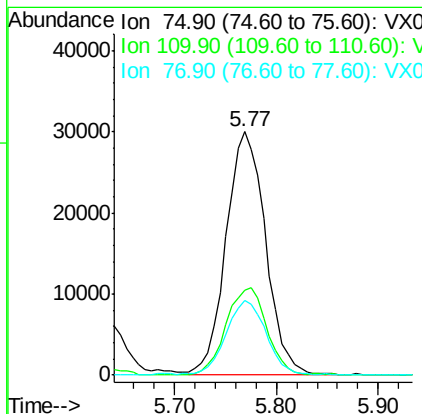
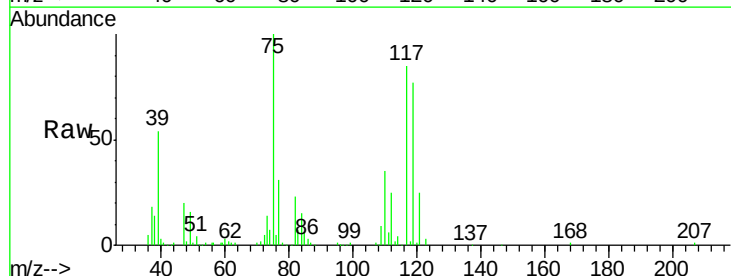
RT: 5.77 min Scan# 768

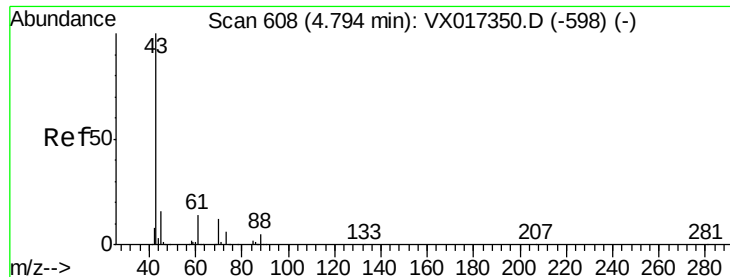
Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Tgt Ion:	75	Resp:	80614
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.6	55.8
77	31.2	24.9	37.3





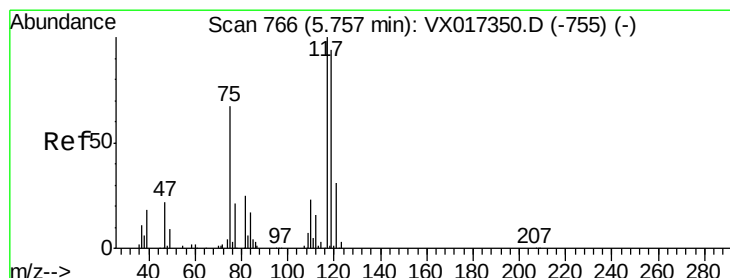
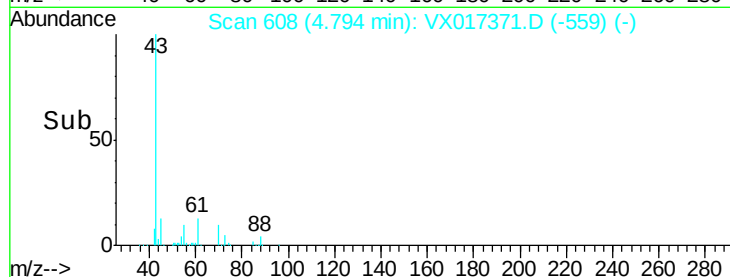
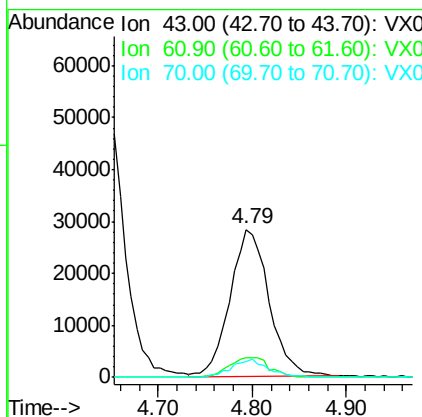
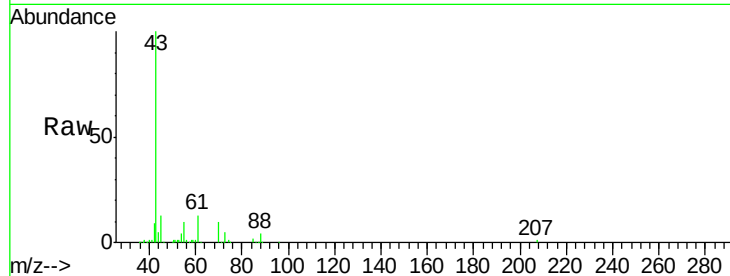
#37
Ethyl Acetate
Concen: 19.205 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.7	16.1
70	11.5	9.0	13.6

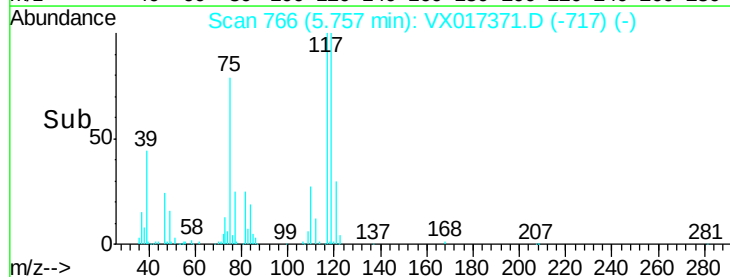
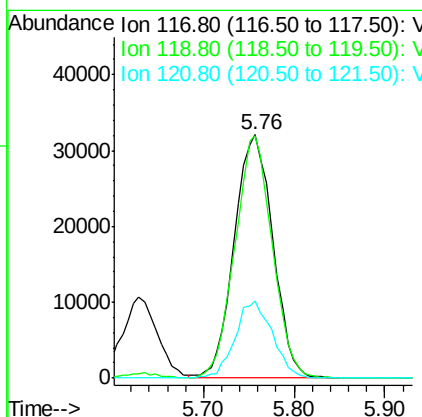
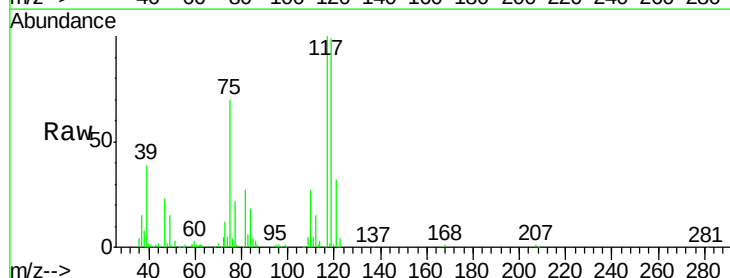
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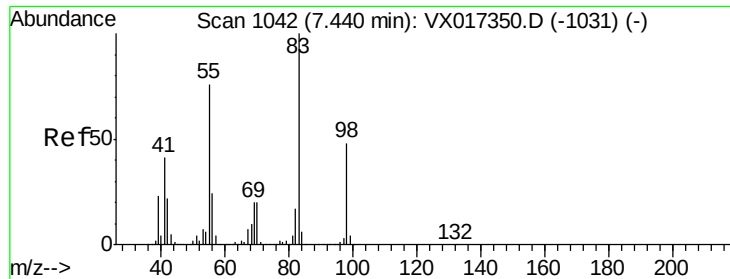
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#38
Carbon Tetrachloride
Concen: 19.755 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	74.7	112.1
121	31.7	24.5	36.7





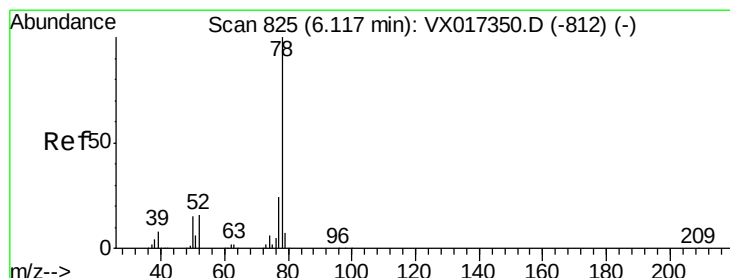
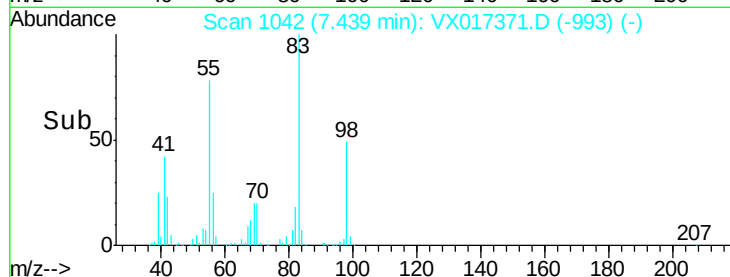
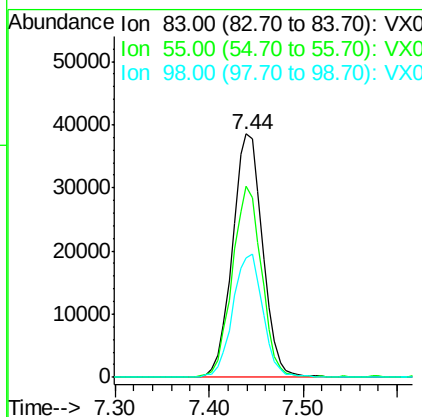
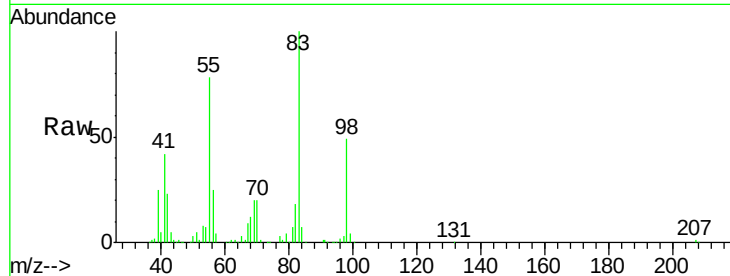
#39
Methylvlcyclohexane
Concen: 19.312 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.2	91.8
98	49.2	38.1	57.1

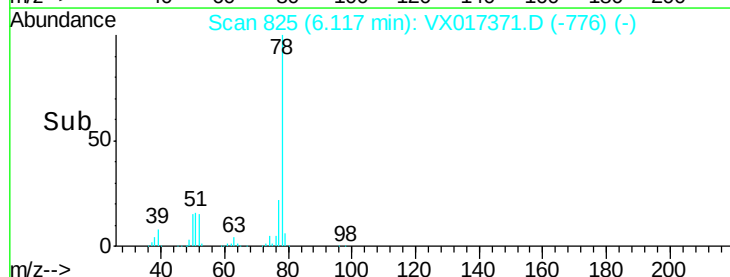
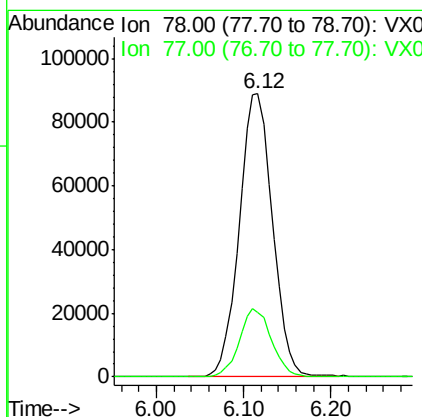
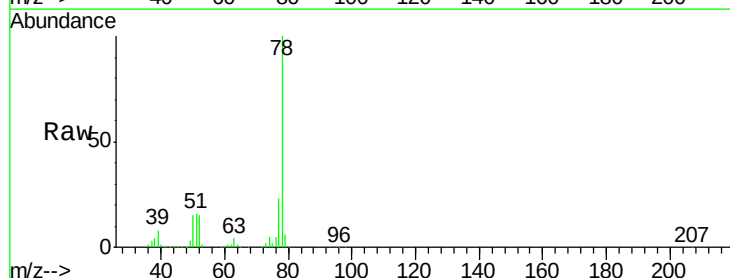
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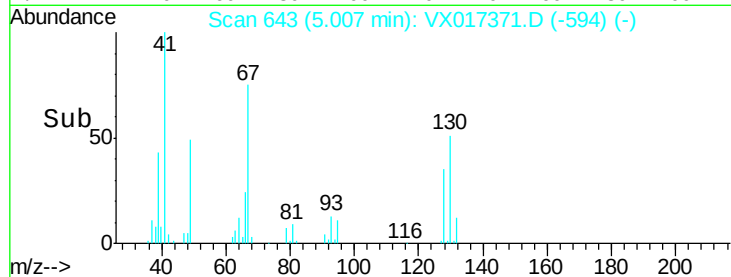
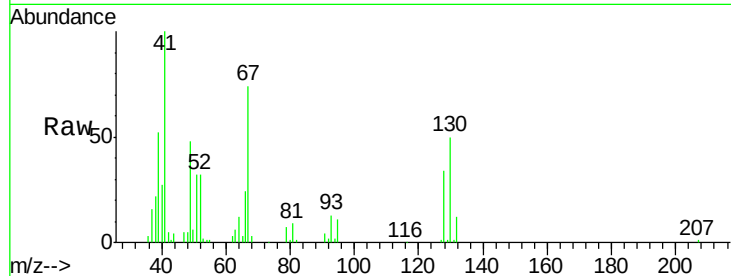
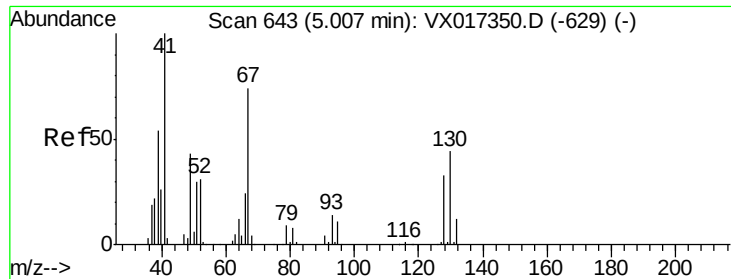
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#40
Benzene
Concen: 19.868 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.9	28.3





#41

Methacrylonitrile

Concen: 19.291 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Tot Ion:	41	Resp:	44061
Ion	Ratio	Lower	Upper
41	100		
39	57.0	43.8	65.8
67	75.0	58.7	88.1
52	32.0	24.9	37.3

Instrument :

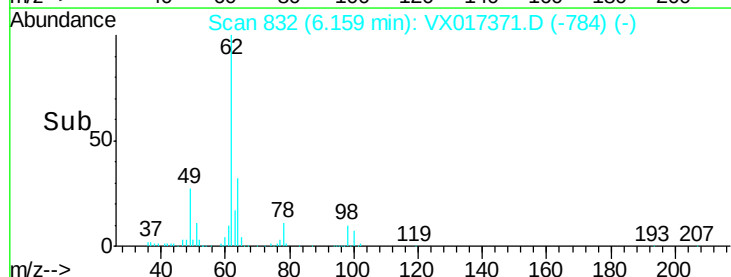
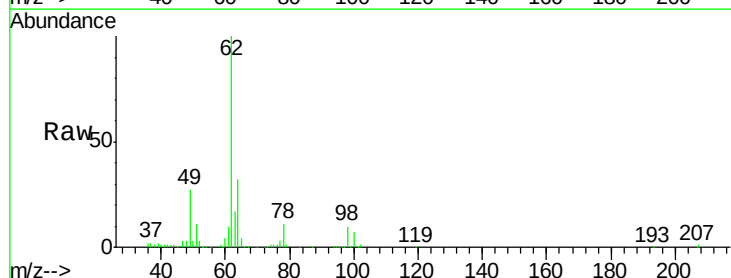
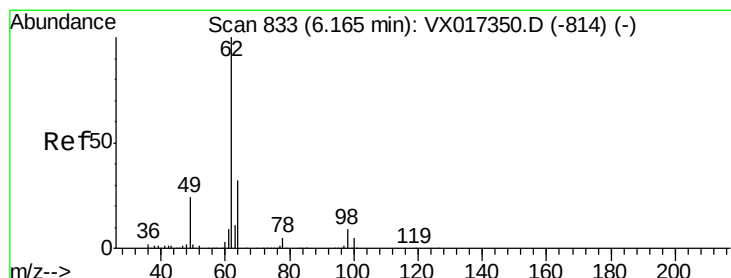
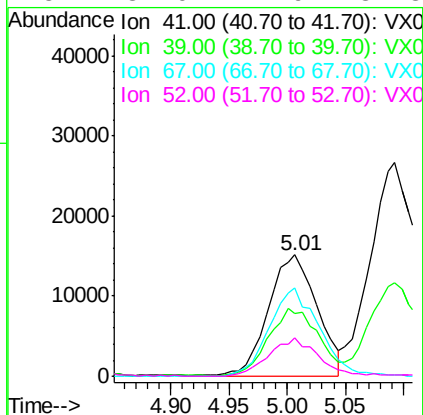
MSVOA_X

ClientSampleId :

VX0714WBS01

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#42

1,2-Dichloroethane

Concen: 19.547 ug/l

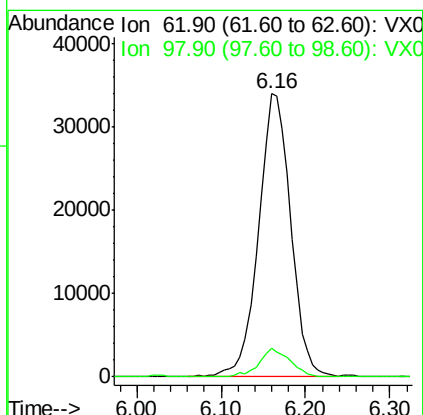
RT: 6.16 min Scan# 832

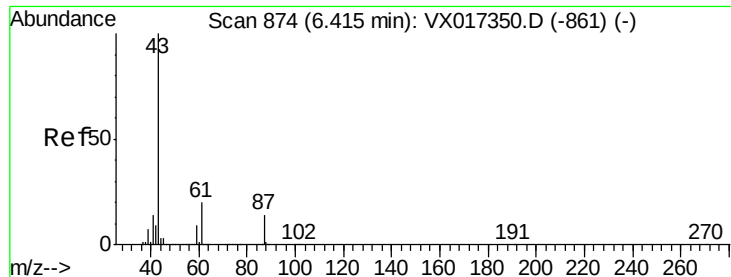
Delta R.T. -0.01 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Tgt Ion:	62	Resp:	89791
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4





#43

Isopropyl Acetate

Concen: 19.054 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

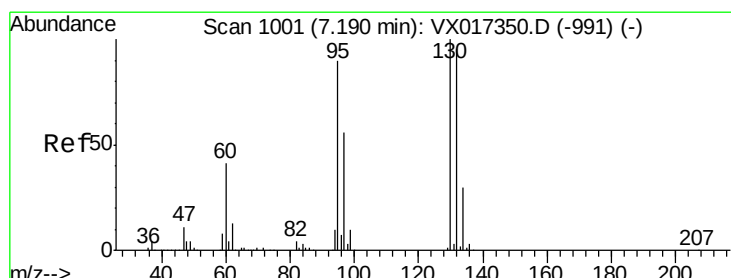
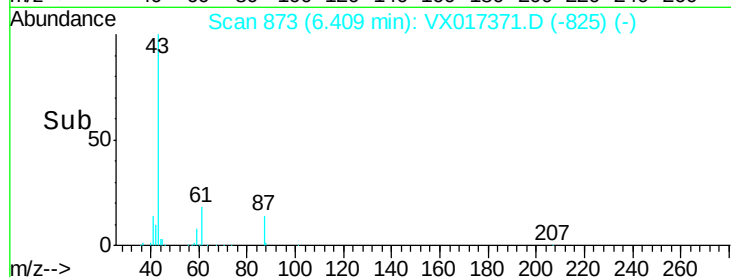
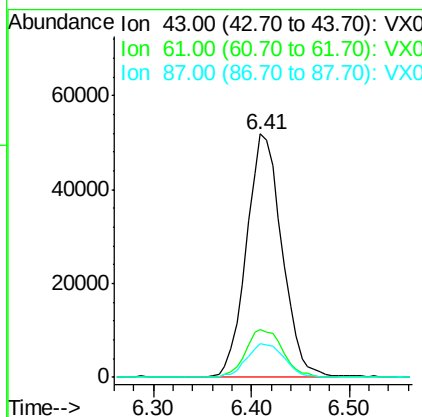
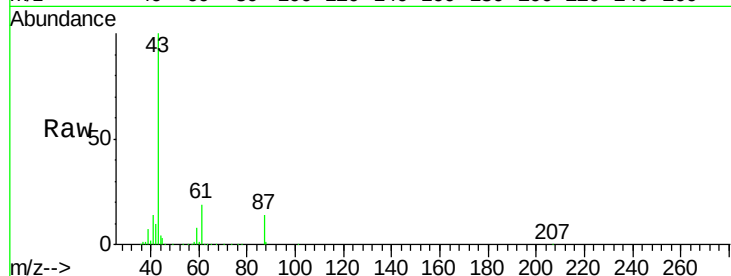
ClientSampleId :

VX0714WBS01

Tot Ion:	43	Resp:	129540
Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.4	24.6
87	14.7	11.2	16.8

Manual Integrations
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7/15/2020 11:43:17 AM



#44

Trichloroethene

Concen: 19.380 ug/l

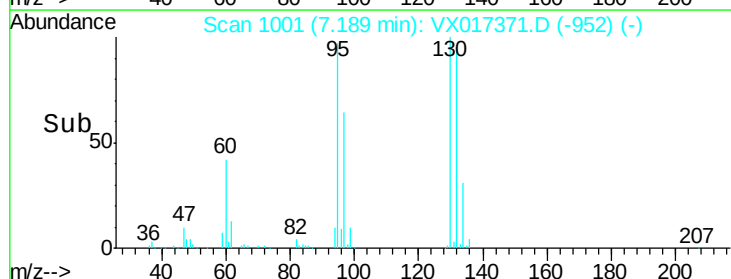
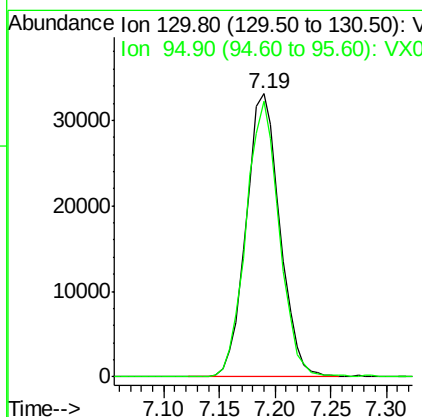
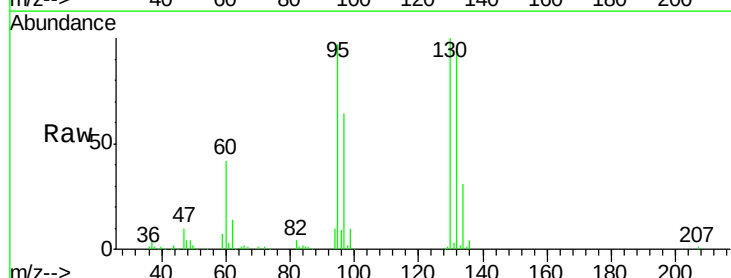
RT: 7.19 min Scan# 1001

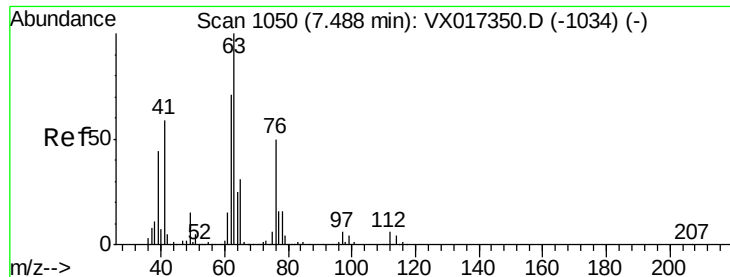
Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Tgt Ion:	130	Resp:	69990
Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	180.2





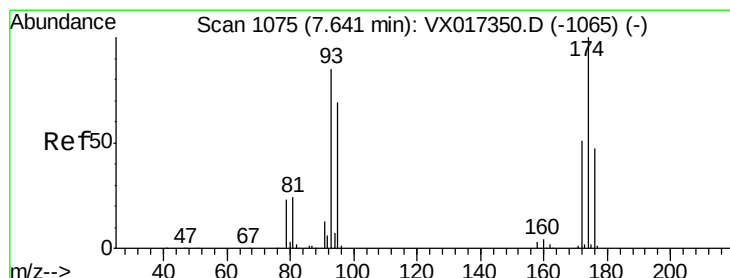
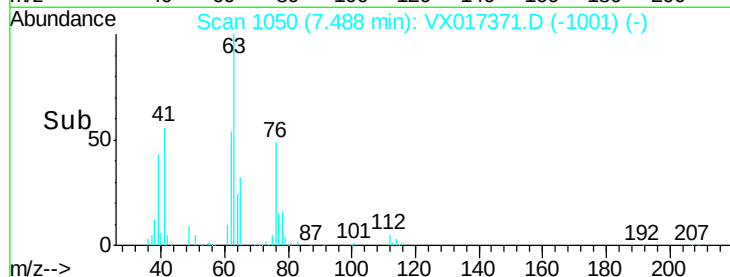
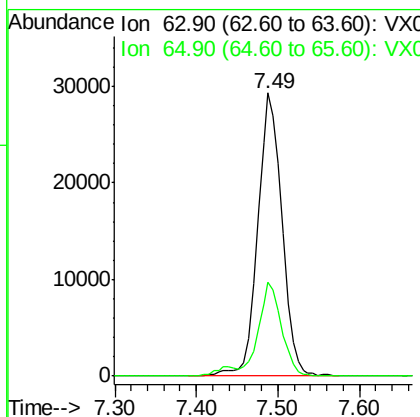
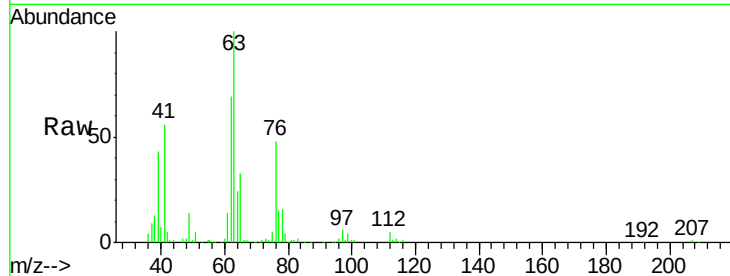
#45
 1,2-Dichloropropane
 Concen: 20.239 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Tot Ion: 63 Resp: 61229
 Ion Ratio Lower Upper
 63 100
 65 33.4 24.5 36.7

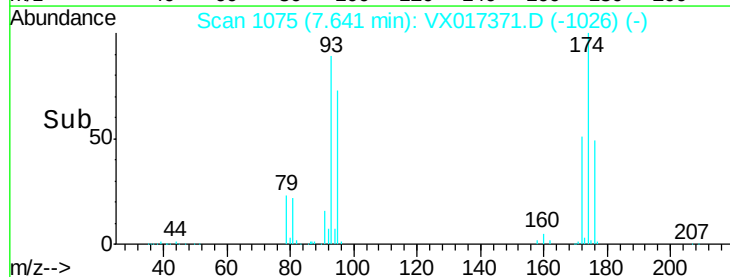
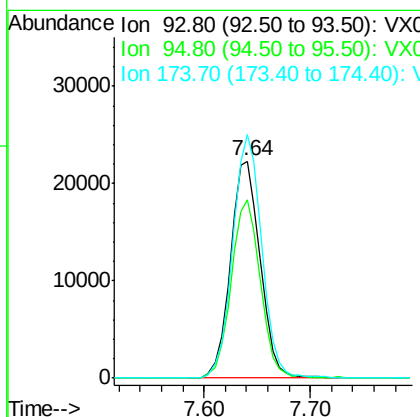
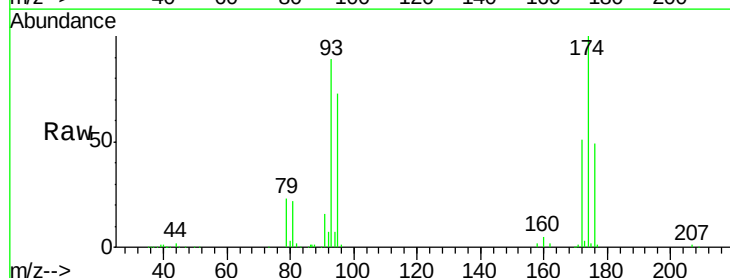
Manual Integrations
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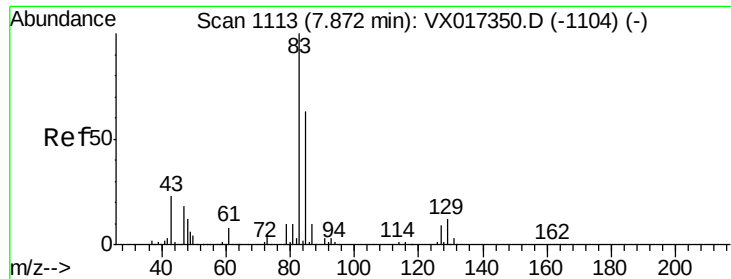
MMDadoda
 7/15/2020 11:43:17 AM



#46
 Dibromomethane
 Concen: 20.045 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Tgt Ion: 93 Resp: 43736
 Ion Ratio Lower Upper
 93 100
 95 80.5 65.4 98.2
 174 109.5 91.2 136.8





#47

Bromodichloromethane

Concen: 19.891 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

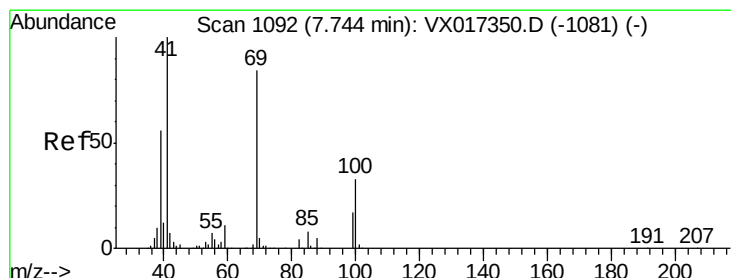
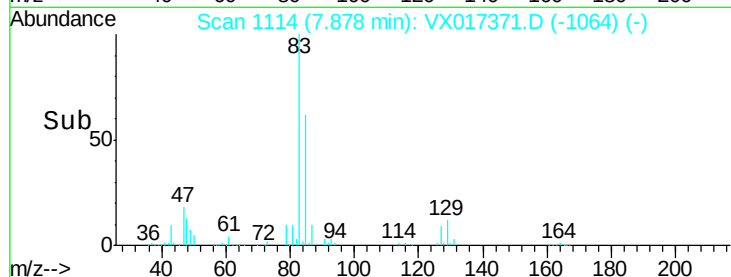
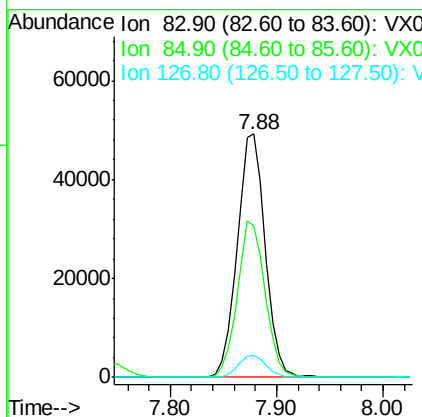
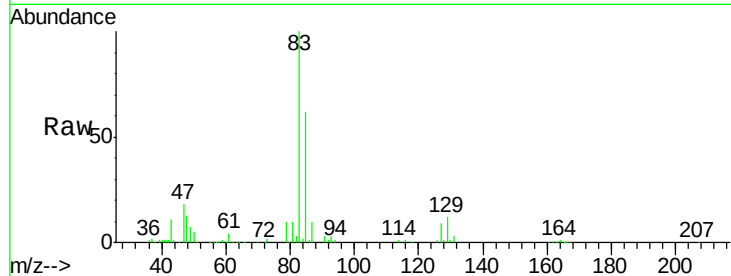
ClientSampleId :

VX0714WBS01

Tot Ion:	83	Resp:	90731
Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.2	75.4
127	9.2	7.1	10.7

Manual Integrations
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MMDadoda
7/15/2020 11:43:17 AM



#48

Methyl methacrylate

Concen: 19.050 ug/l

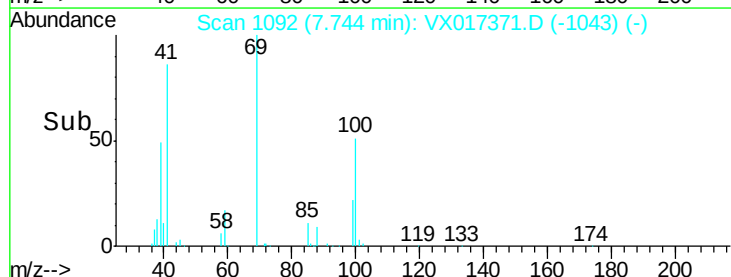
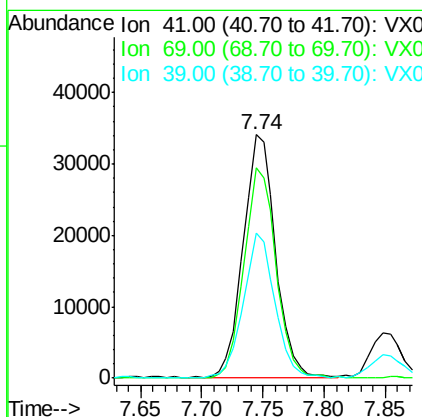
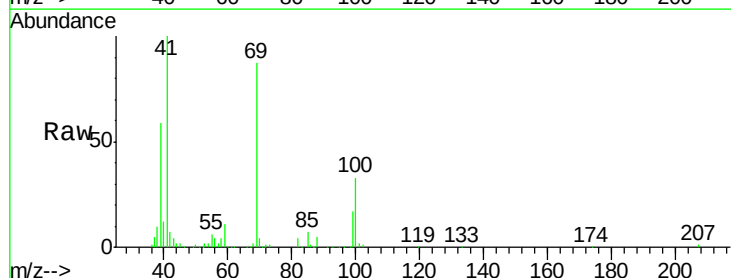
RT: 7.74 min Scan# 1092

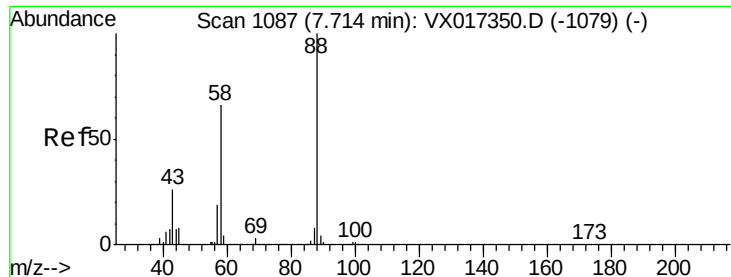
Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Tgt Ion:	41	Resp:	62147
Ion	Ratio	Lower	Upper
41	100		
69	87.0	67.8	101.6
39	58.9	45.1	67.7





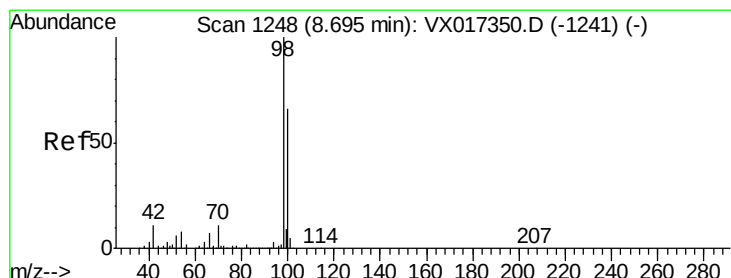
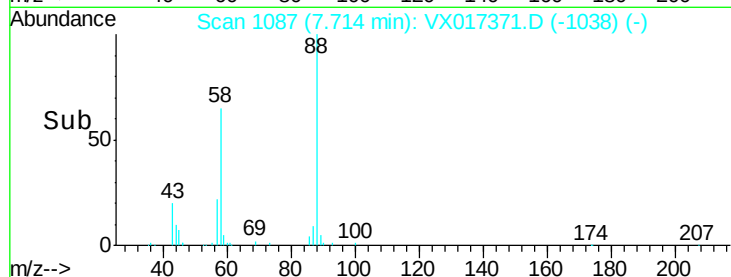
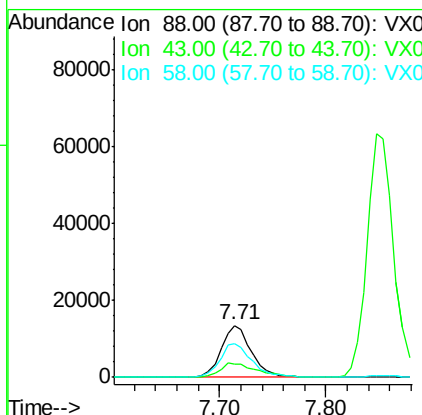
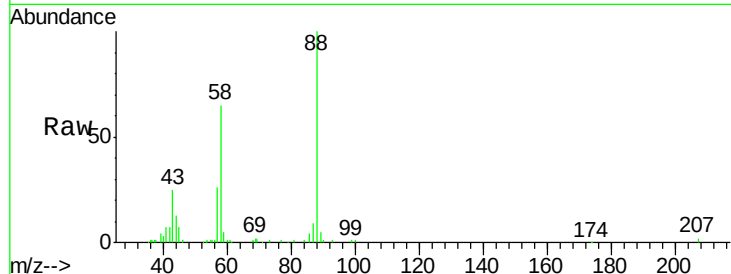
#49
1,4-Dioxane
Concen: 400.211 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	26719		
43	36.3		25.6	38.4
58	69.7		53.9	80.9

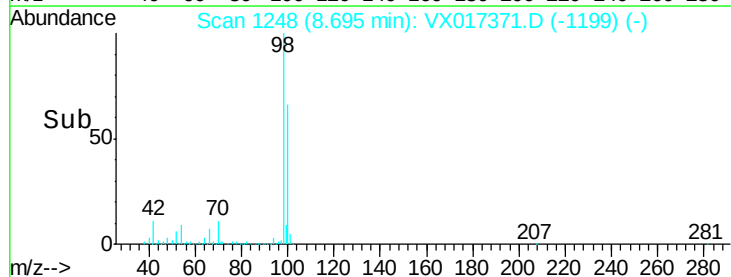
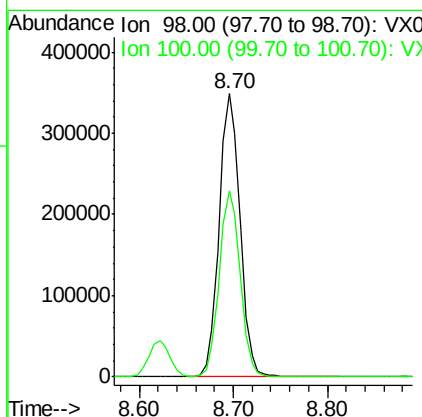
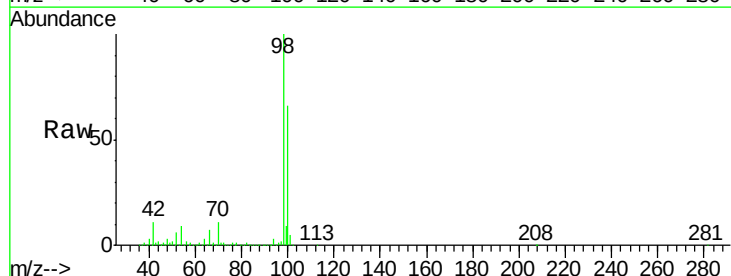
Manual Integrations
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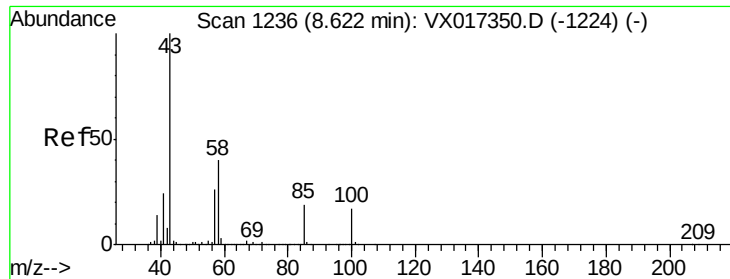
MMDadoda
7/15/2020 11:43:17 AM



#50
Toluene-d8
Concen: 49.292 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	535699		
100	65.7		53.4	80.2





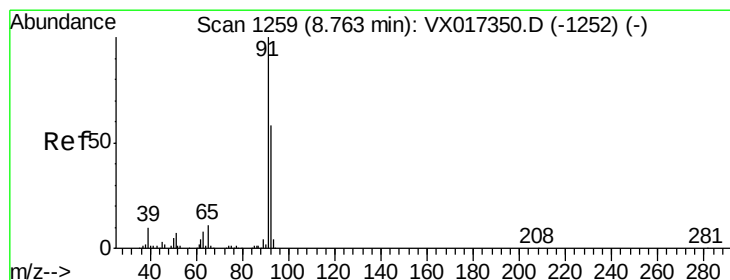
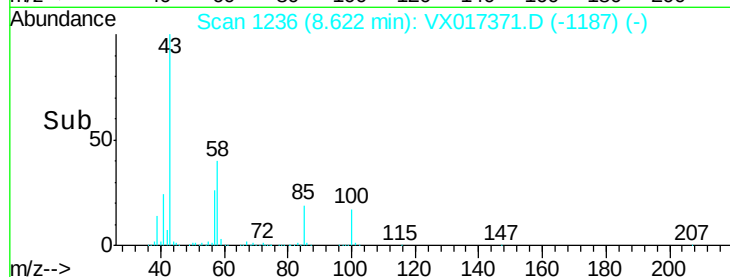
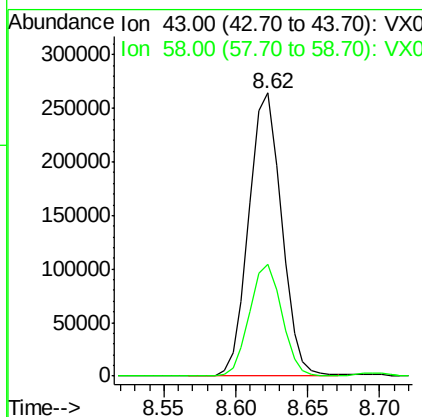
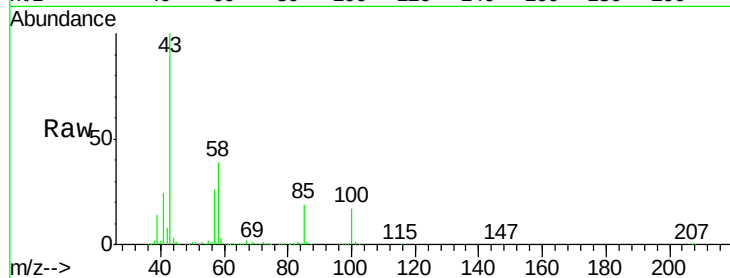
#51
4-Methyl-2-Pentanone
Concen: 100.128 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tot Ion	43	Resp	415062
Ion	Ratio	Lower	Upper
43	100		
58	39.5	32.2	48.2

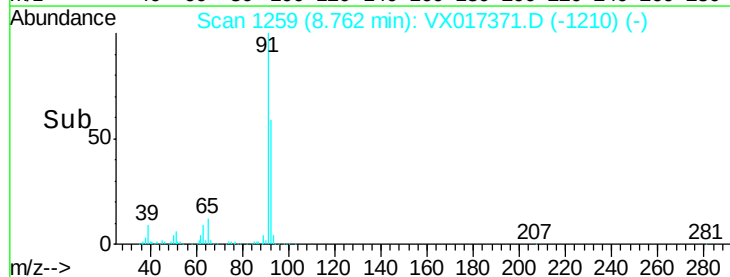
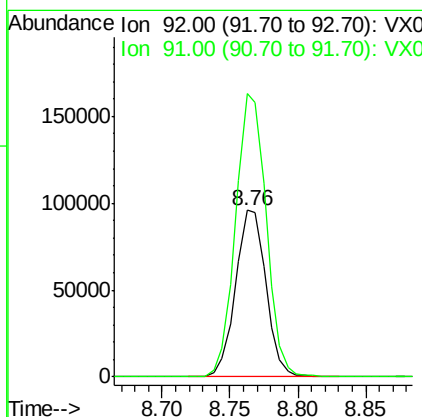
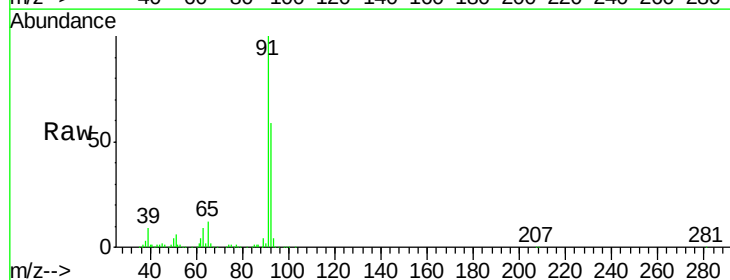
Manual Integrations
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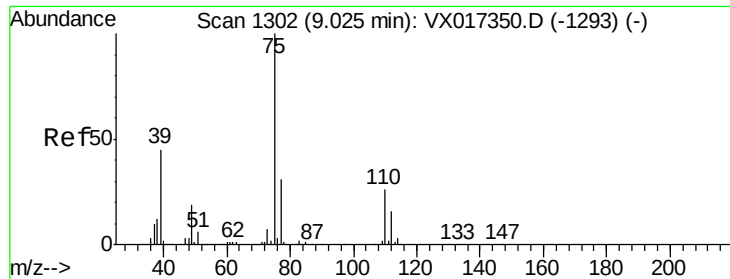
MMDadoda
7/15/2020 11:43:17 AM



#52
Toluene
Concen: 19.701 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Tgt Ion	92	Resp	149479
Ion	Ratio	Lower	Upper
92	100		
91	171.6	136.7	205.1





#53

t-1,3-Dichloropropene

Concen: 18.948 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tot Ion: 75 Resp: 93113

Ion Ratio Lower Upper

75 100

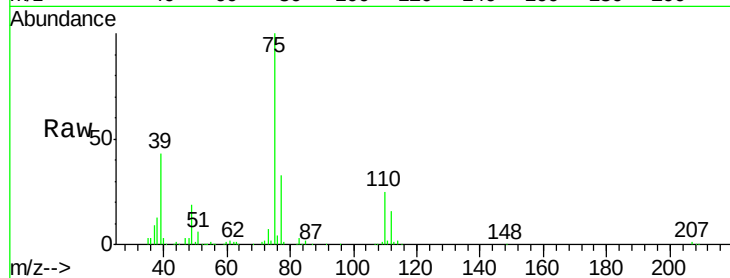
77 32.5 25.0 37.6

Manual Integrations

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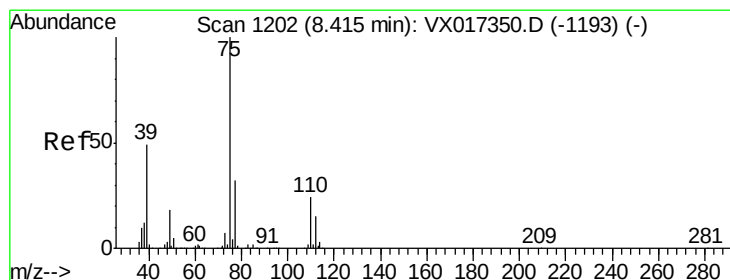
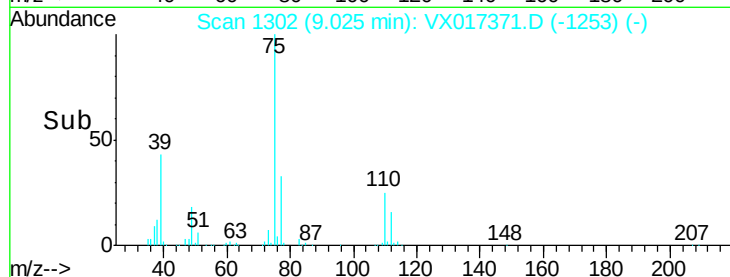
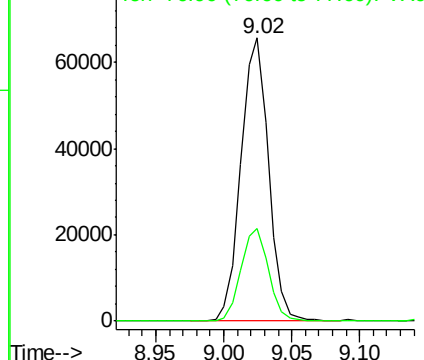
MMDadoda

7/15/2020 11:43:17 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.187 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

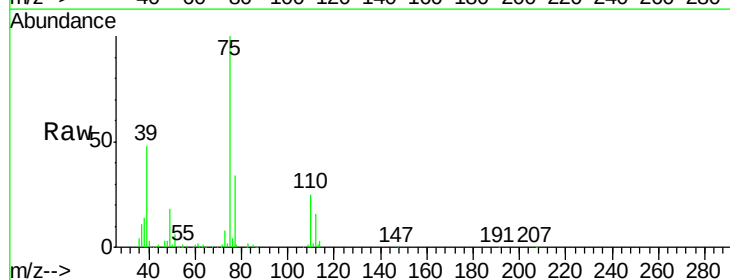
Tgt Ion: 75 Resp: 100568

Ion Ratio Lower Upper

75 100

77 33.8 25.3 37.9

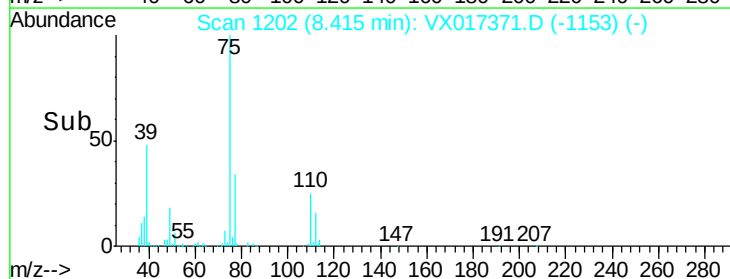
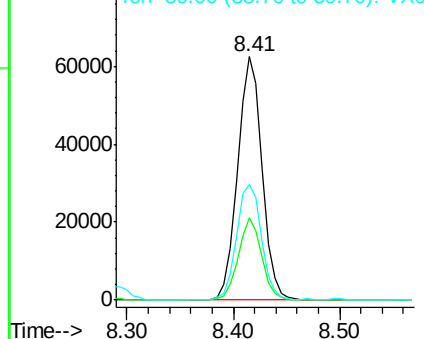
39 47.6 38.9 58.3

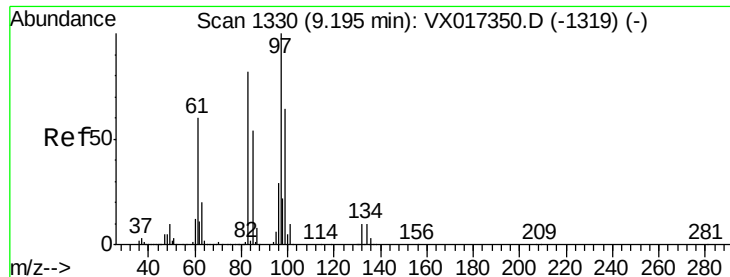


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





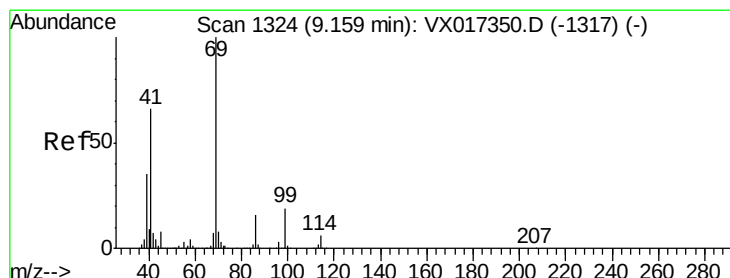
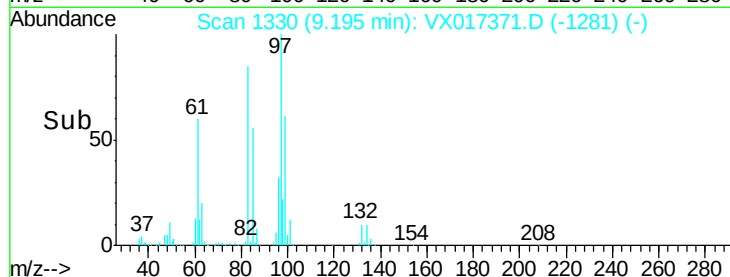
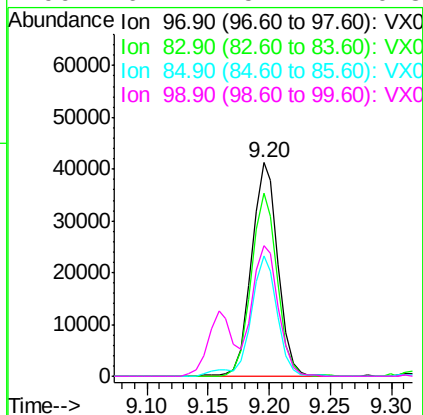
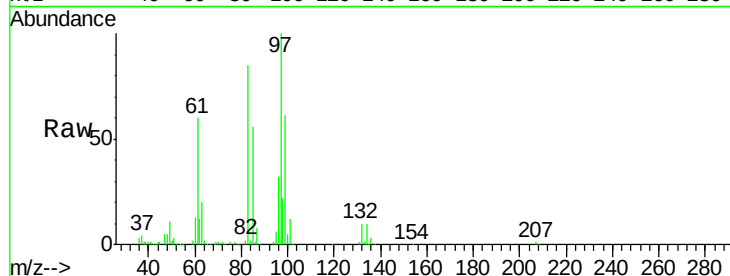
#55
 1,1,2-Trichloroethane
 Concen: 19.680 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		62265		
83	85.5	65.8	98.6		
85	56.1	42.8	64.2		
99	61.1	51.2	76.8		

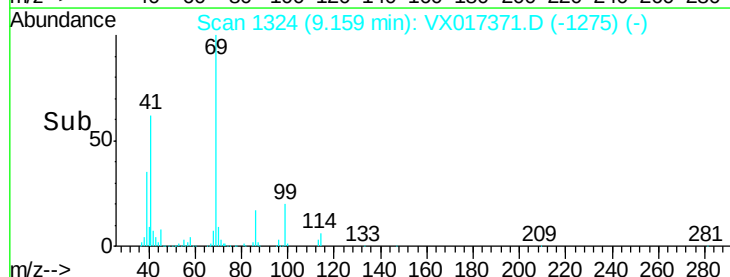
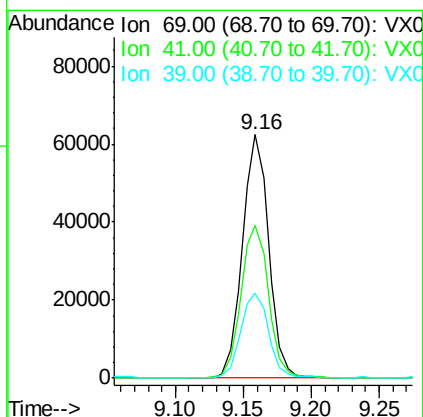
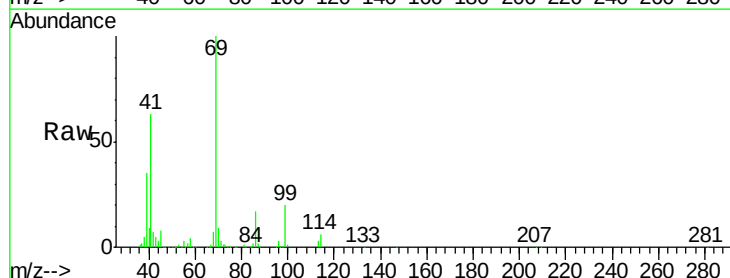
Manual Integrations
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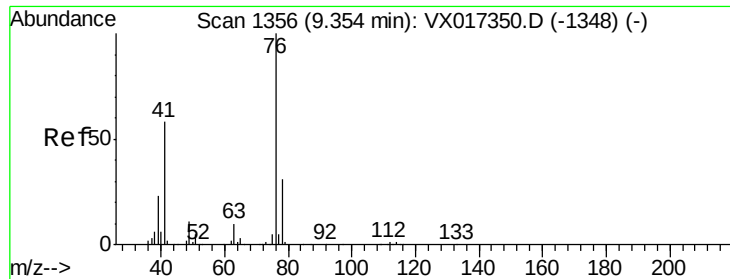
MMDadoda
 7/15/2020 11:43:17 AM



#56
 Ethyl methacrylate
 Concen: 18.784 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		84375		
41	65.1	52.6	78.8		
39	36.5	28.8	43.2		





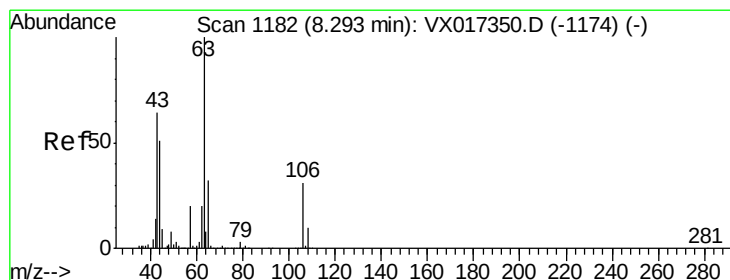
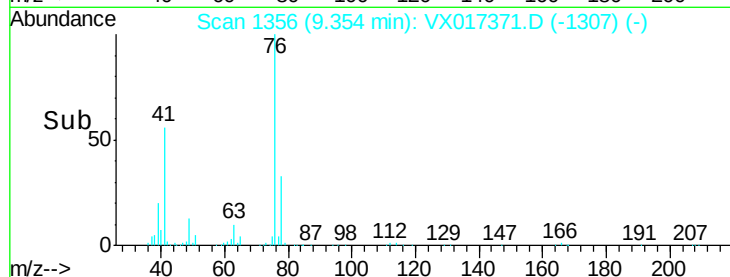
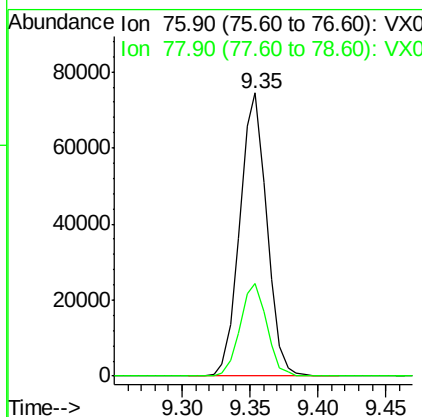
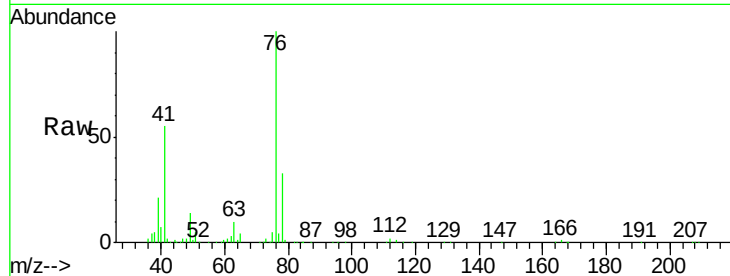
#57
 1,3-Dichloropropane
 Concen: 19.567 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6

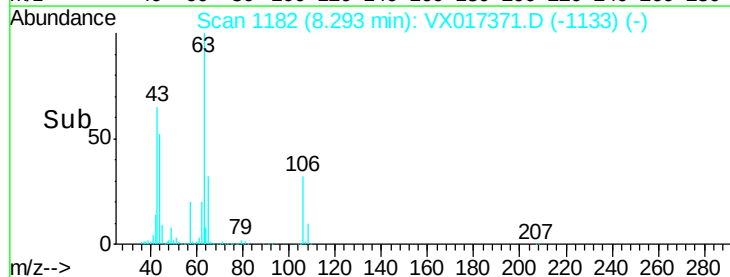
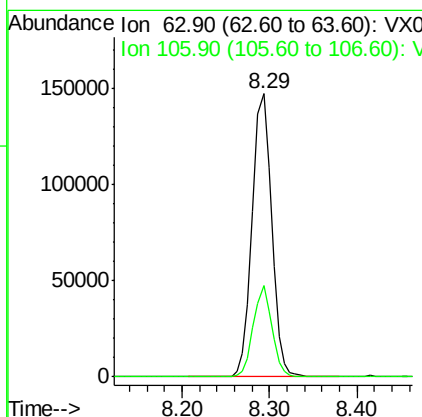
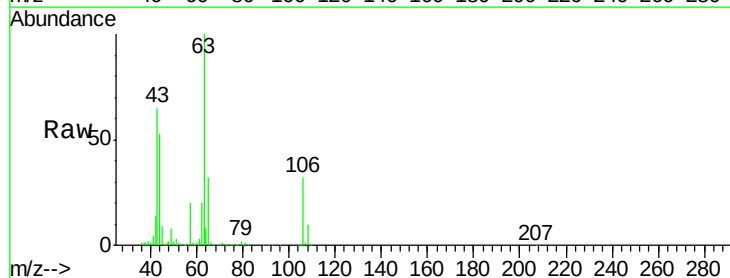
Manual Integrations
 APPROVED

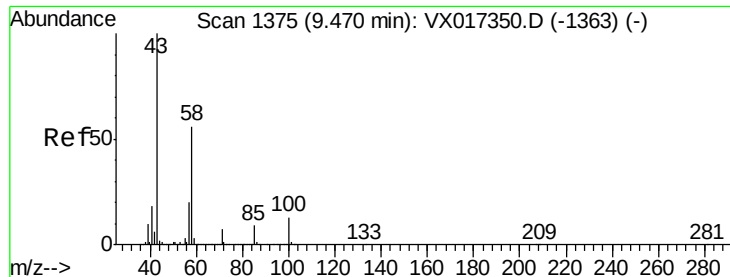
MMDadoda
 7/15/2020 11:43:17 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.135 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	24.8	37.2





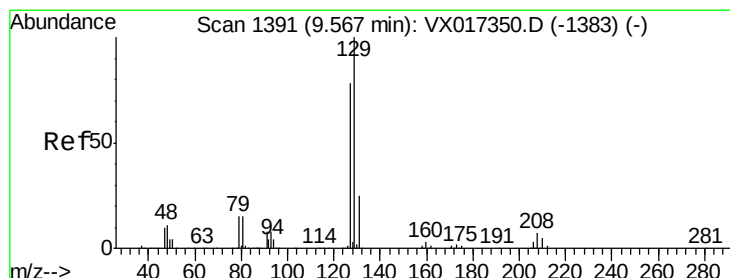
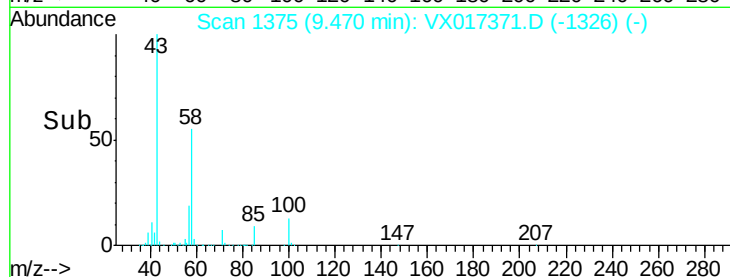
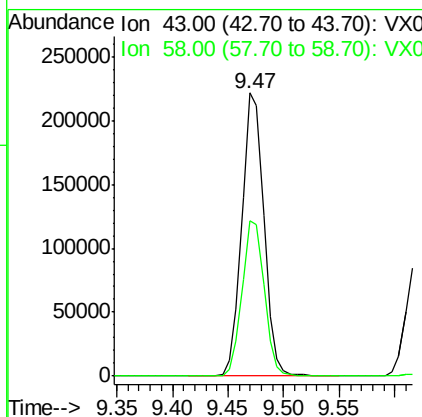
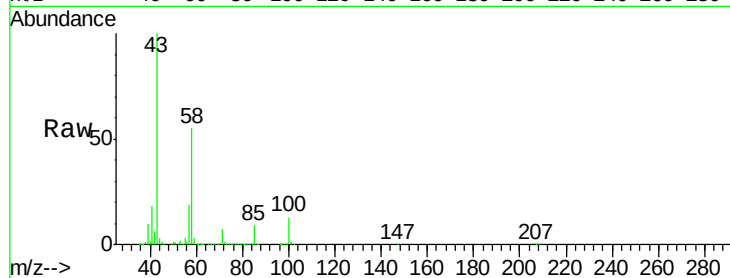
#59
2-Hexanone
Concen: 97.510 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tot Ion: 43 Resp: 305080
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.3

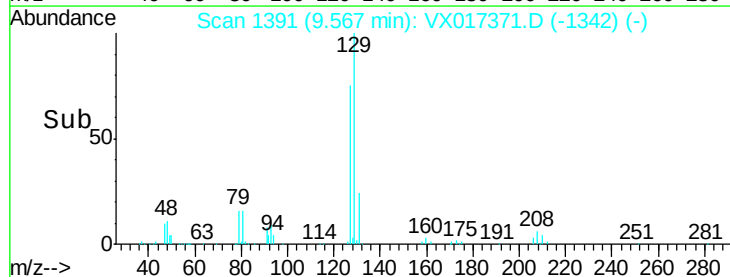
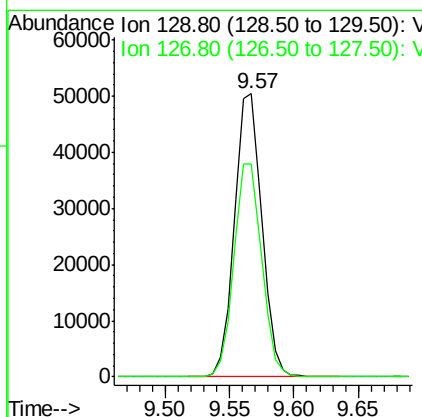
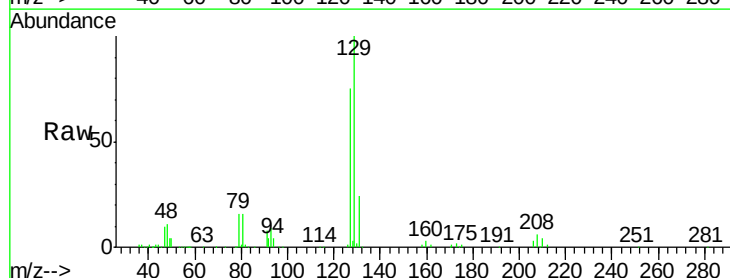
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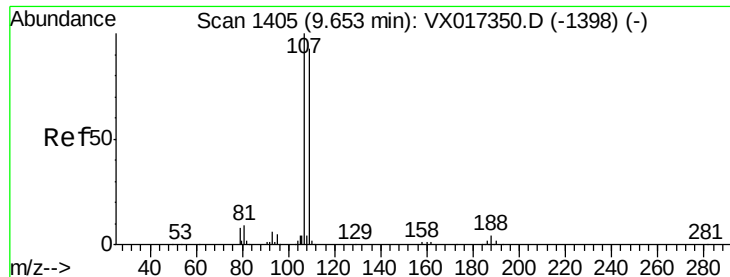
MMDadoda
7/15/2020 11:43:17 AM



#60
Dibromochloromethane
Concen: 19.335 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Tgt Ion: 129 Resp: 74732
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.6





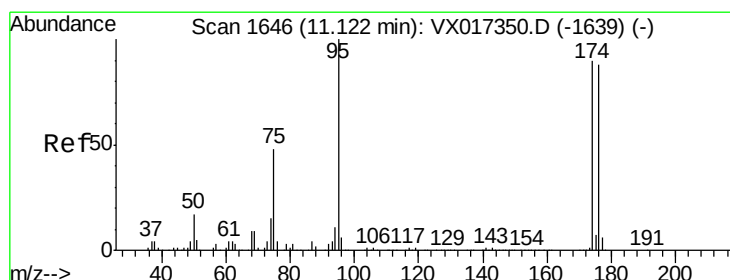
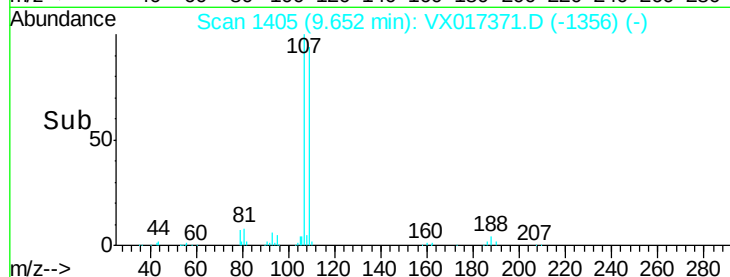
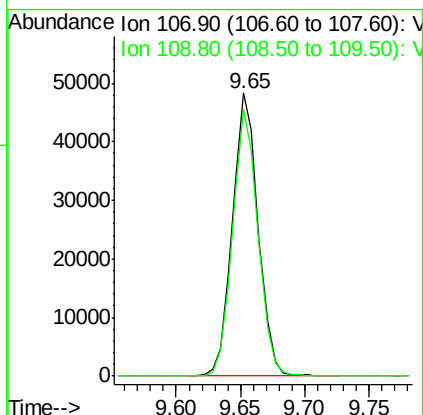
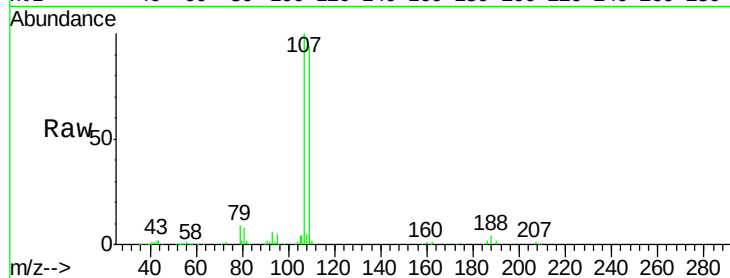
#61
 1,2-Dibromoethane
 Concen: 19.554 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Tot Ion:107 Resp: 67301
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.0 112.4

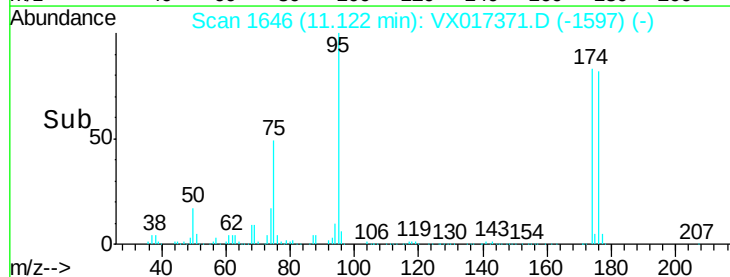
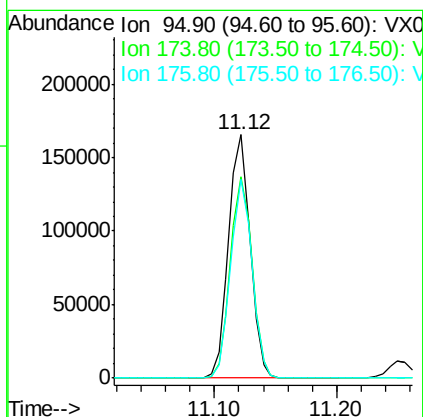
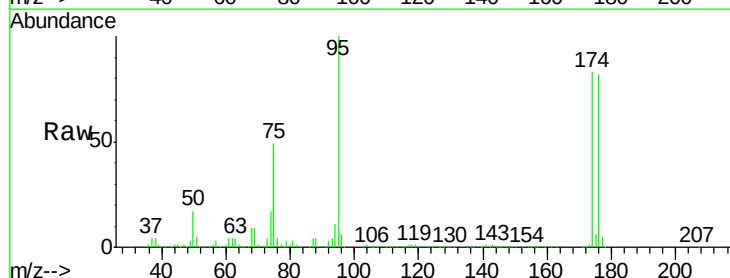
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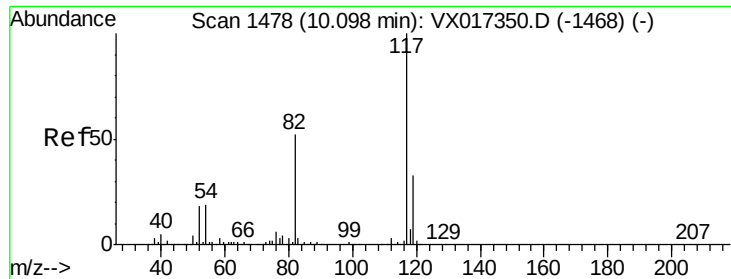
MMDadoda
 7/15/2020 11:43:17 AM



#62
 4-Bromofluorobenzene
 Concen: 46.763 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Tgt Ion: 95 Resp: 201870
 Ion Ratio Lower Upper
 95 100
 174 83.7 0.0 175.8
 176 80.8 0.0 164.6





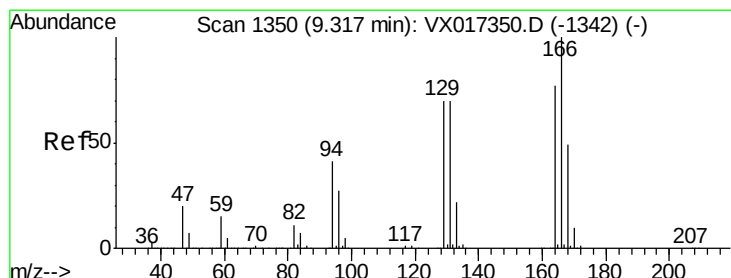
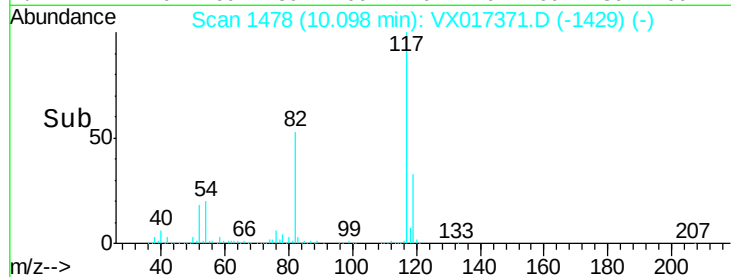
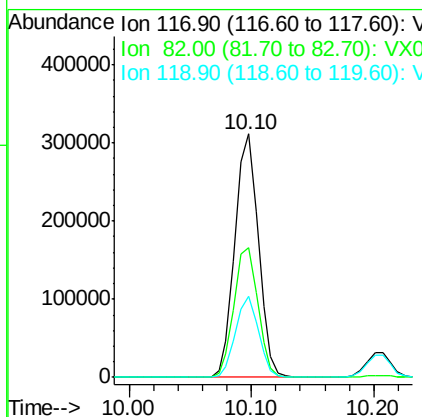
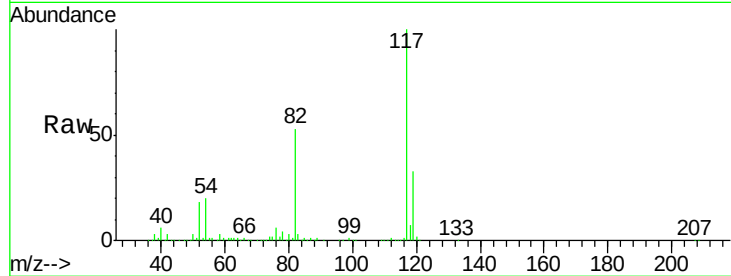
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	415029		
82	53.5	42.0	63.0	
119	33.3	26.3	39.5	

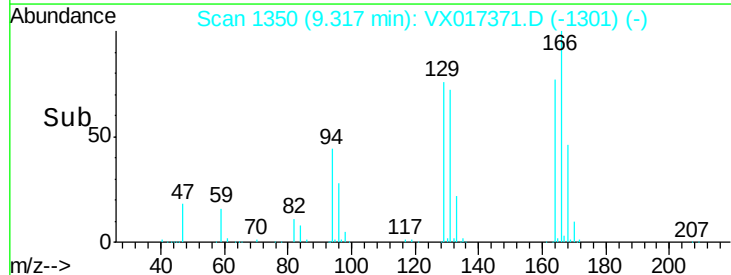
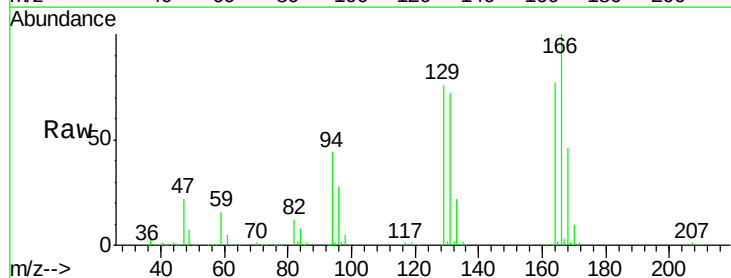
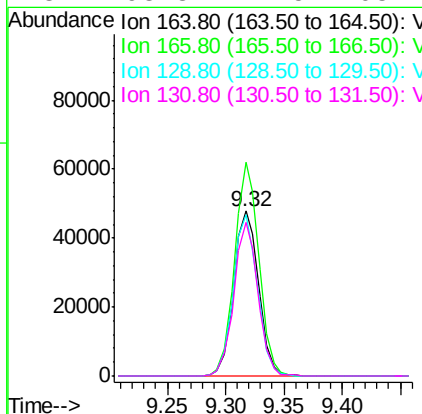
Manual Integrations
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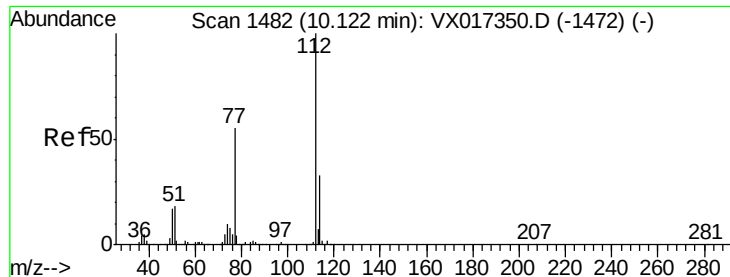
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#64
Tetrachloroethene
Concen: 19.799 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	71122		
166	129.8	103.9	155.9	
129	98.1	72.9	109.3	
131	93.3	72.5	108.7	





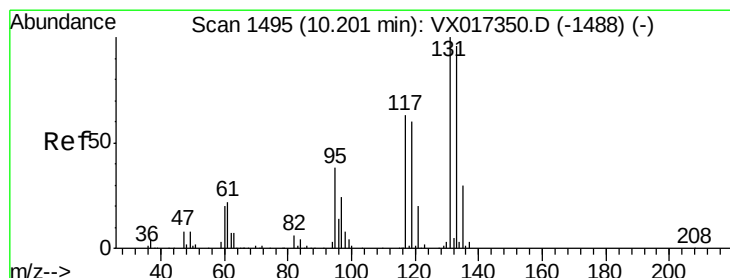
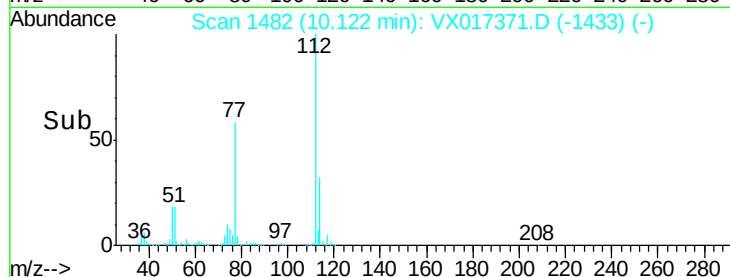
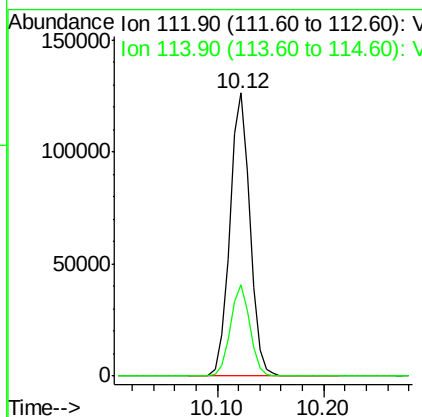
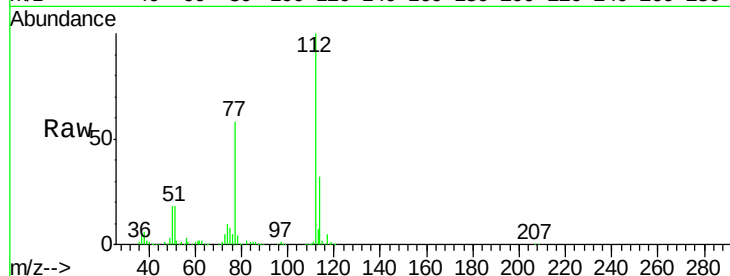
#65
Chlorobenzene
Concen: 19.854 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.0	39.0

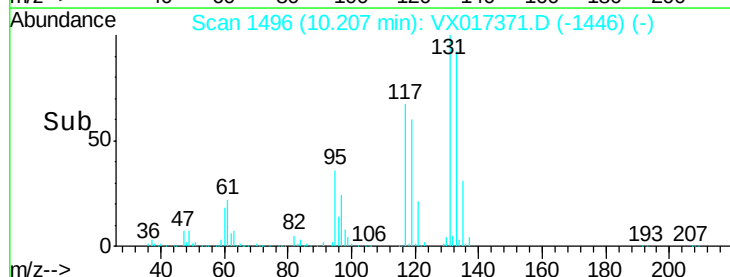
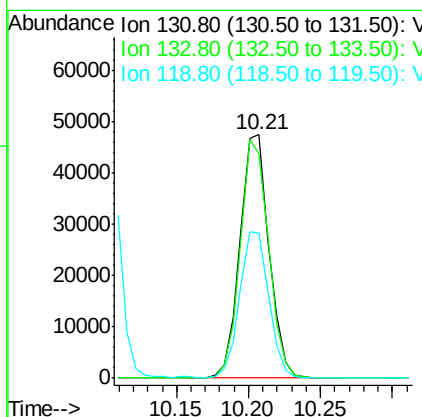
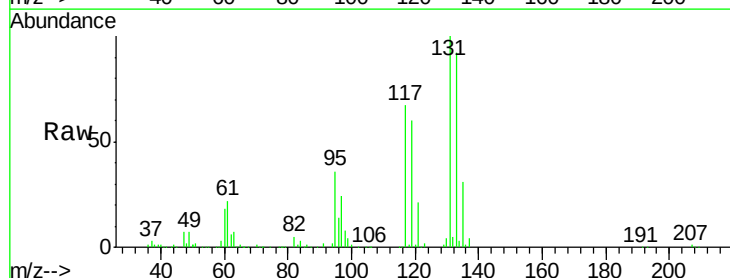
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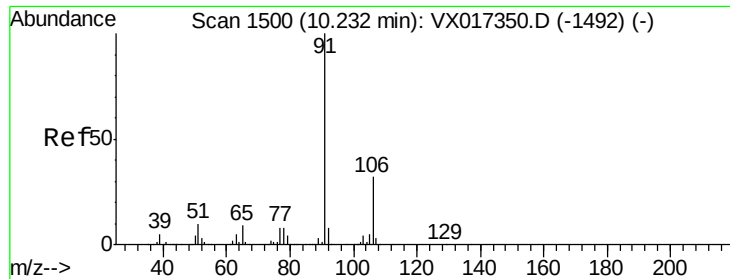
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.769 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.4	145.2
119	60.6	31.2	93.6





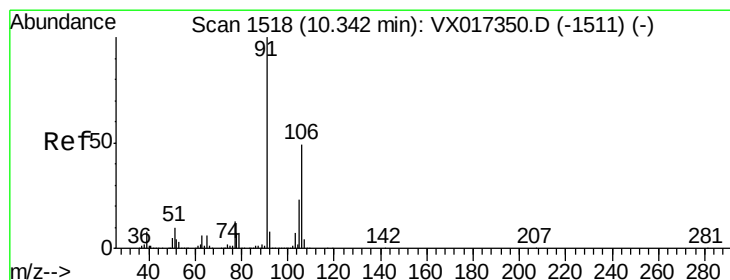
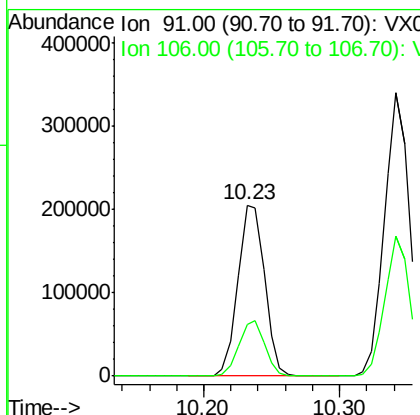
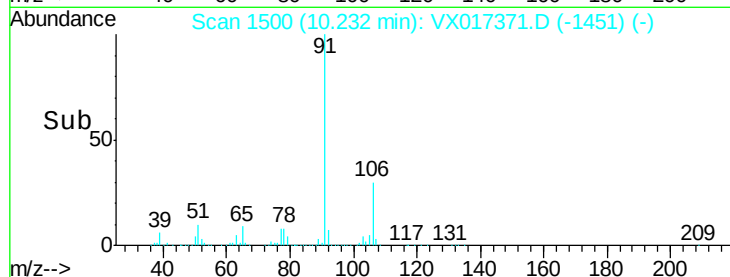
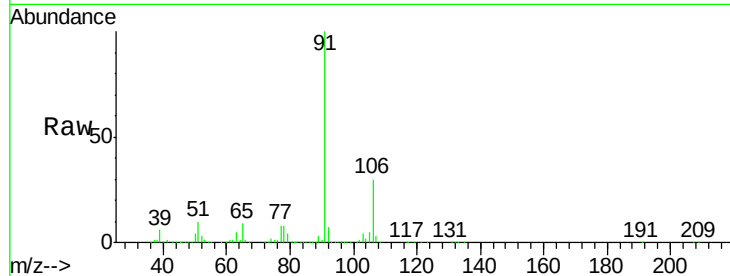
#67
Ethyl Benzene
Concen: 20.069 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tot Ion: 91 Resp: 281790
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

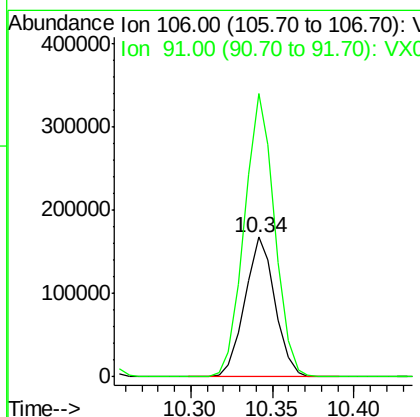
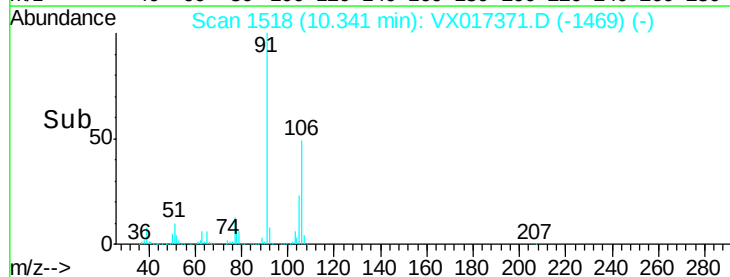
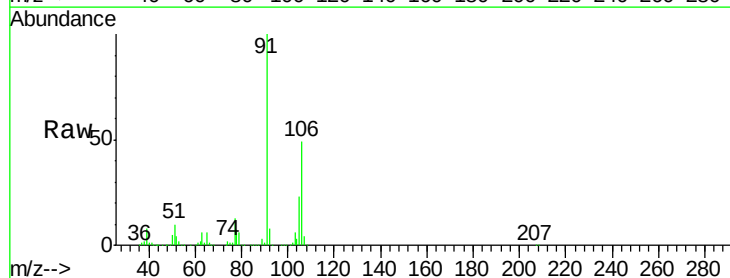
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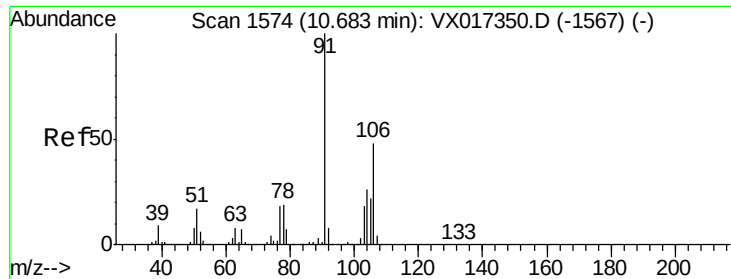
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#68
m/p-Xylenes
Concen: 40.586 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Tgt Ion: 106 Resp: 216820
Ion Ratio Lower Upper
106 100
91 202.8 162.5 243.7





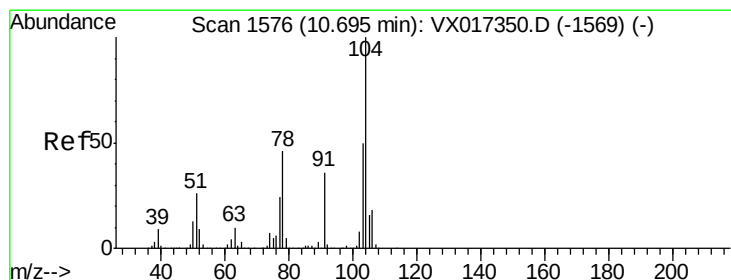
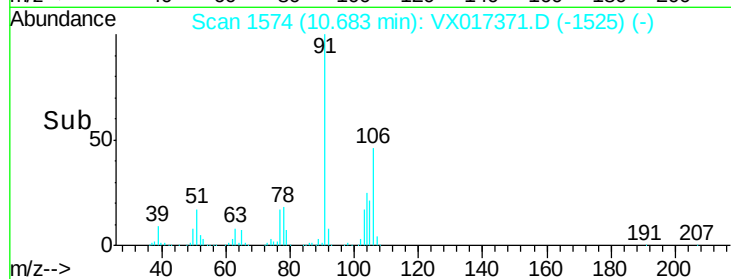
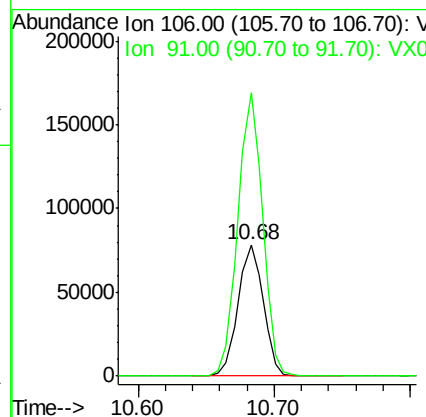
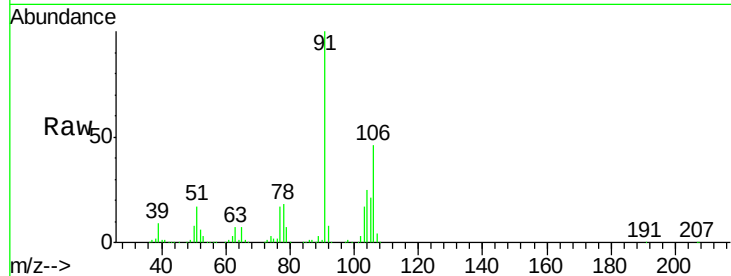
#69
o-Xylene
Concen: 19.822 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.6	106.1	318.1

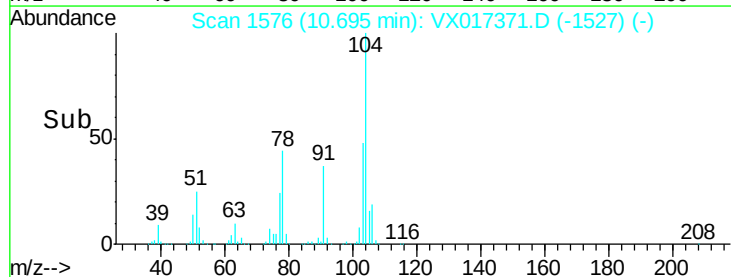
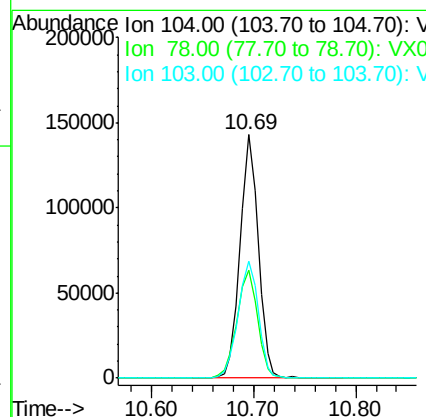
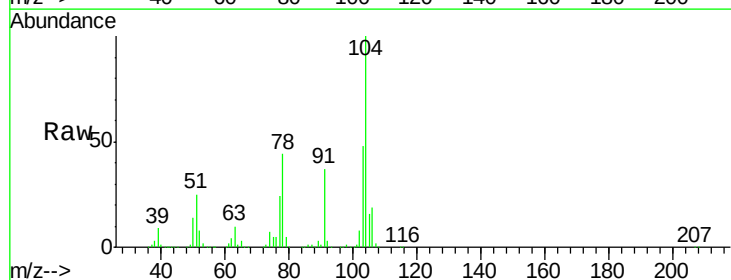
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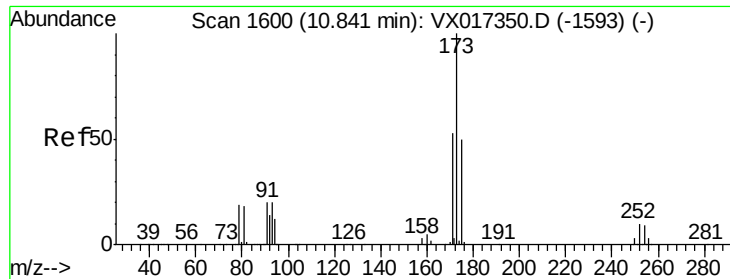
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#70
Styrene
Concen: 20.119 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.4	40.8	61.2
103	53.8	43.3	64.9





#71

Bromoform

Concen: 19.333 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tot Ion:173 Resp: 54781

Ion Ratio Lower Upper

173 100

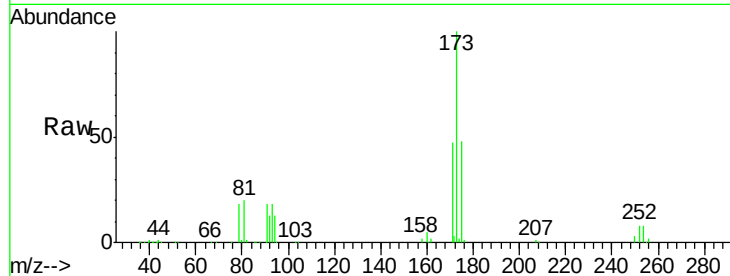
175 49.4 24.7 74.1

254 0.0 0.1 0.1#

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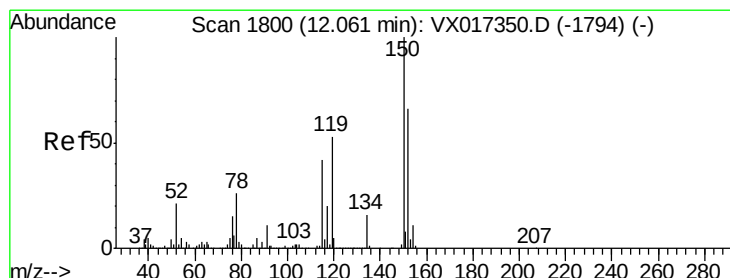
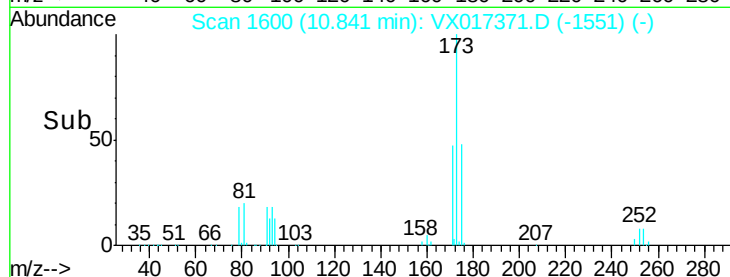
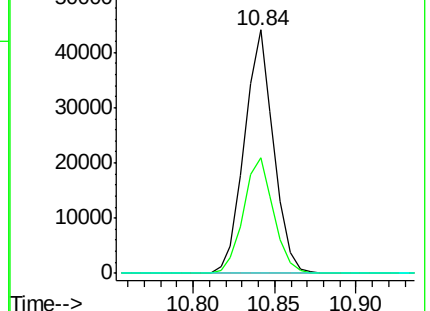
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

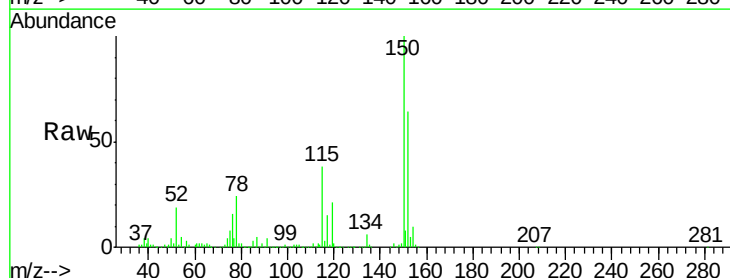
Tgt Ion:152 Resp: 229225

Ion Ratio Lower Upper

152 100

115 65.0 39.9 119.7

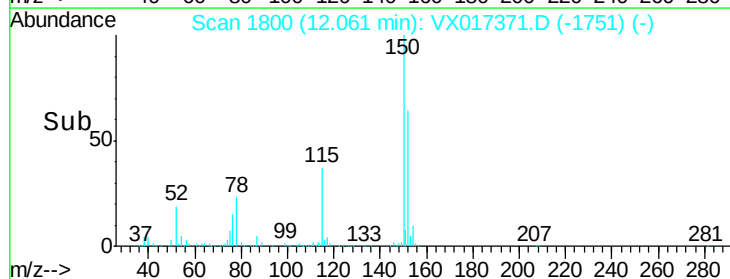
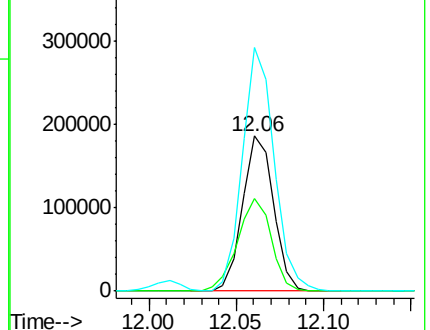
150 160.8 0.0 343.4

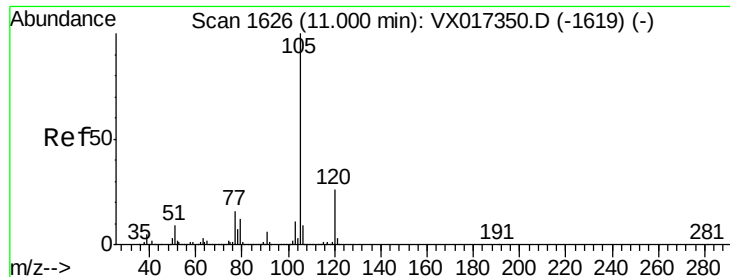


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.529 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tot Ion: 105 Resp: 280623

Ion Ratio Lower Upper

105 100

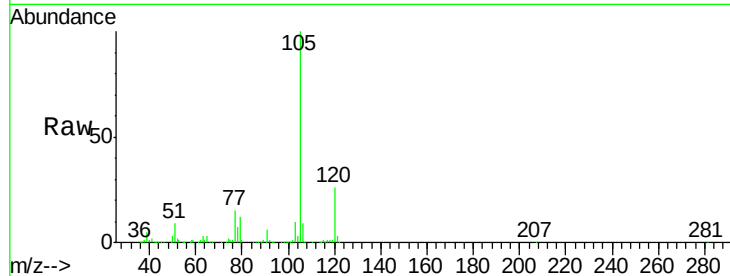
120 26.4 13.3 39.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

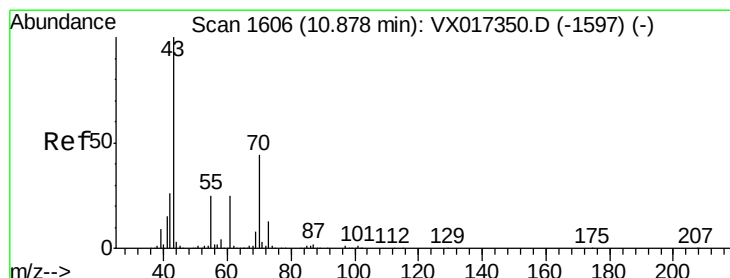
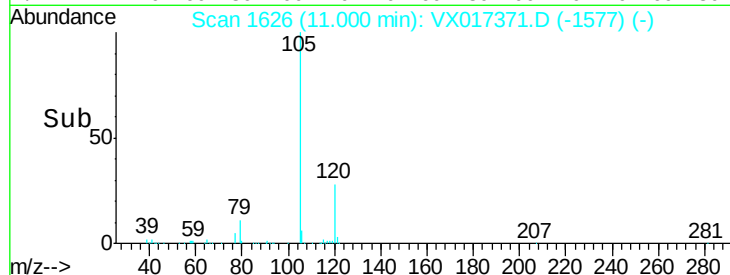
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.337 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Tgt Ion: 43 Resp: 111191

Ion Ratio Lower Upper

43 100

70 43.8 35.7 53.5

55 24.6 20.3 30.5

61 24.9 20.0 30.0

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

150000

100000

50000

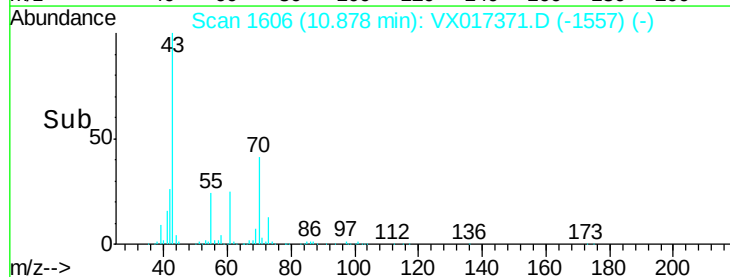
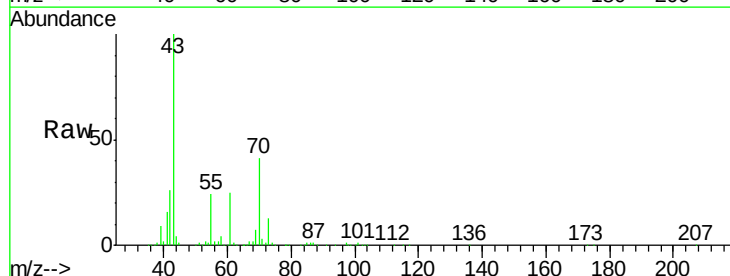
0

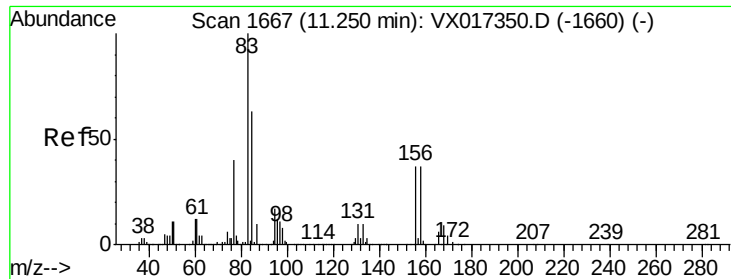
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.908 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

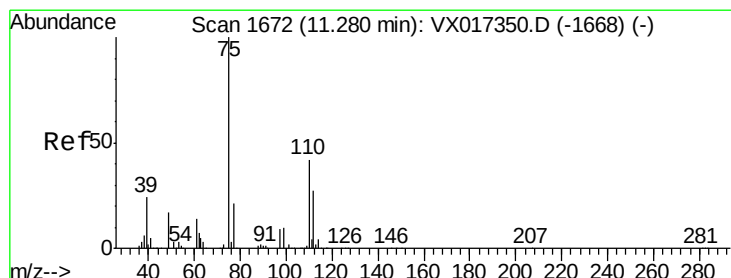
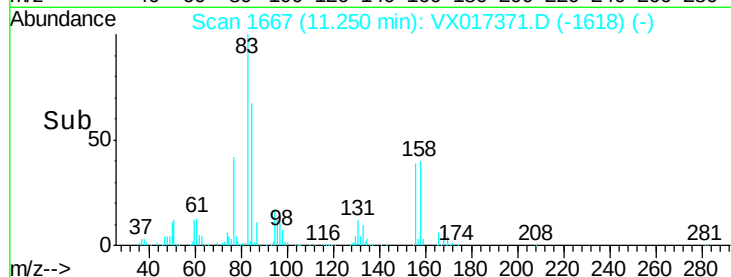
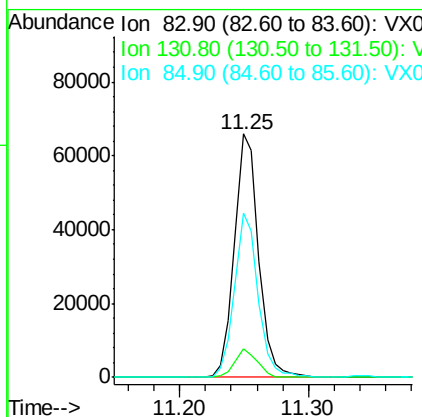
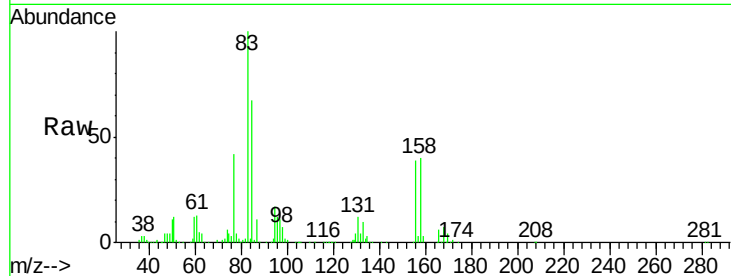
ClientSampleId :

VX0714WBS01

Tot Ion:	83	Resp:	86856
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.7
85	65.9	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 20.327 ug/l m

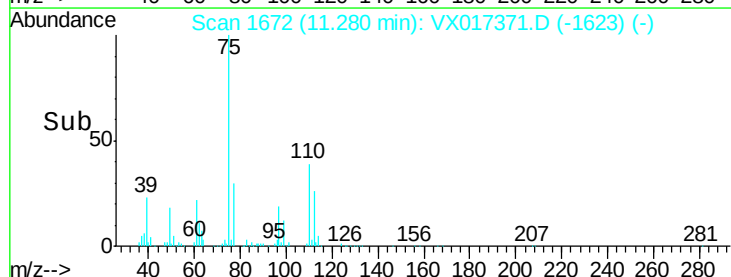
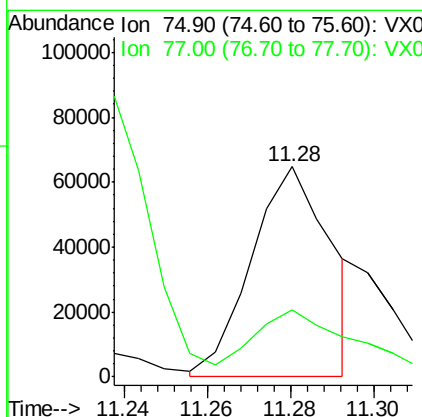
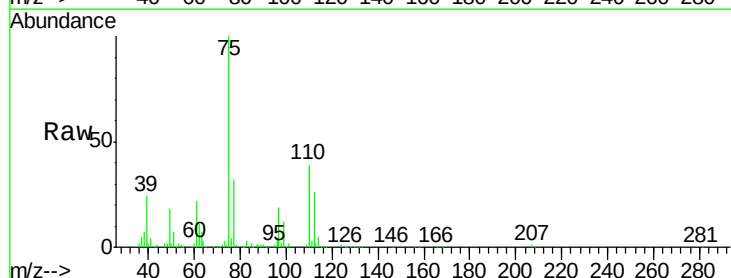
RT: 11.28 min Scan# 1672

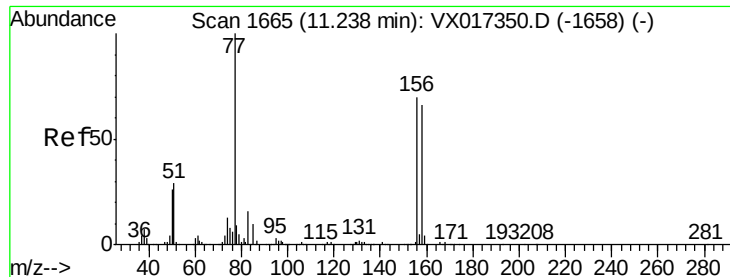
Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Tgt Ion:	75	Resp:	86100
Ion Ratio	Lower	Upper	
75	100		
77	40.6	20.3	60.9





#77

Bromobenzene

Concen: 18.560 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

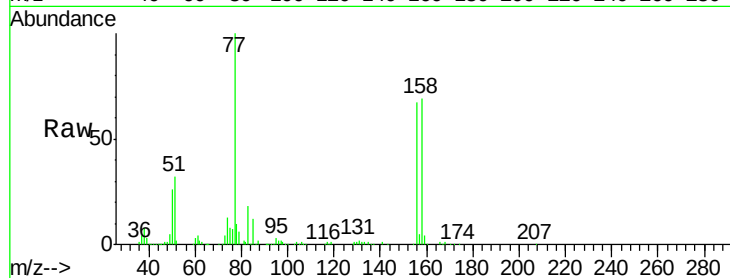
ClientSampleId :

VX0714WBS01

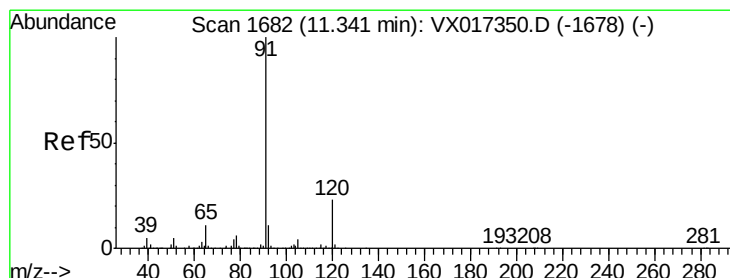
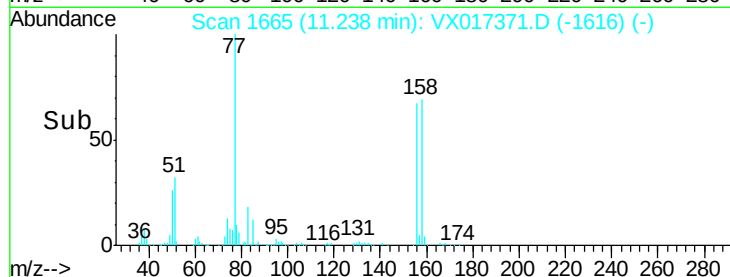
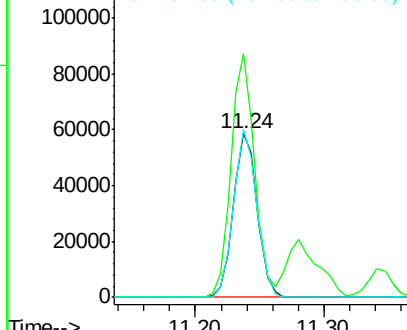
Tot Ion:	156	Resp:	75959
Ion	Ratio	Lower	Upper
156	100		
77	147.5	72.1	216.3
158	99.7	47.4	142.3

Manual Integrations
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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: 19.632 ug/l

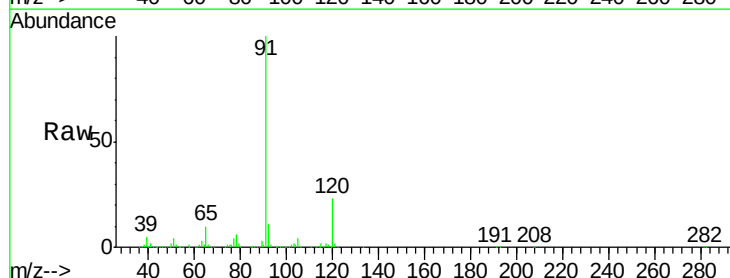
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

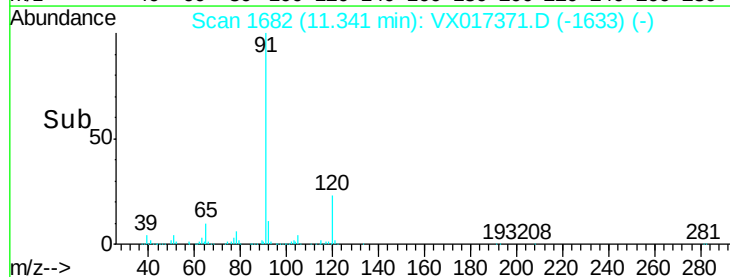
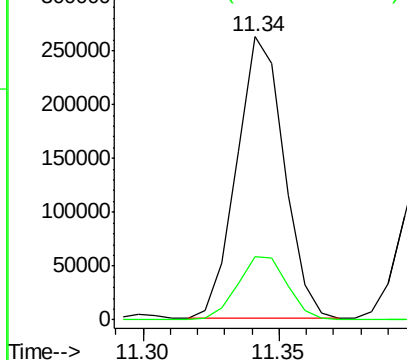
Lab File: VX017371.D

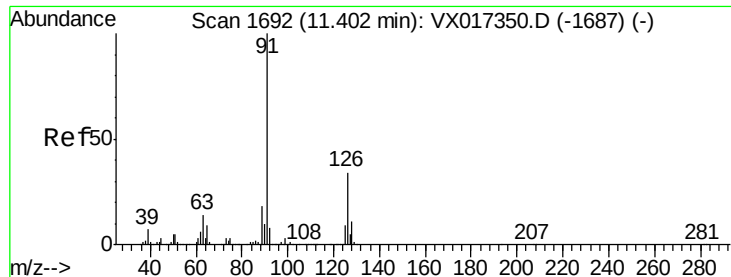
Acq: 14 Jul 2020 12:11

Tgt Ion:	91	Resp:	316822
Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.565 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBS01

Tot Ion: 91 Resp: 194575

Ion Ratio Lower Upper

91 100

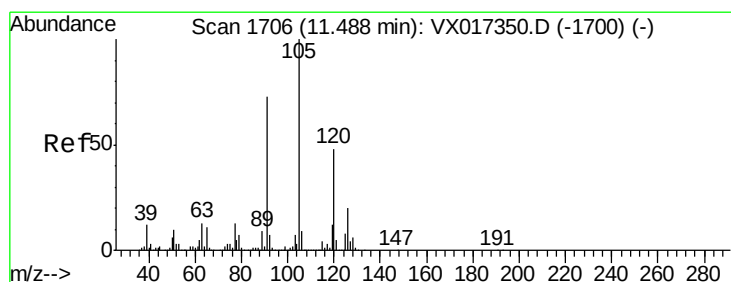
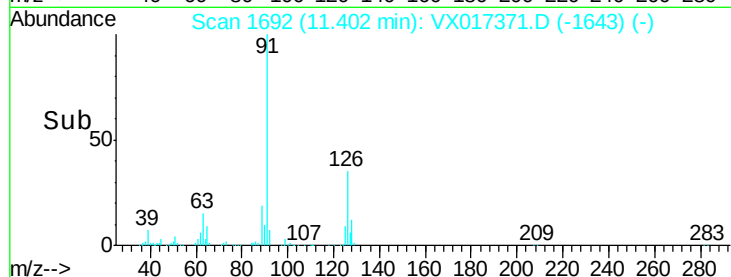
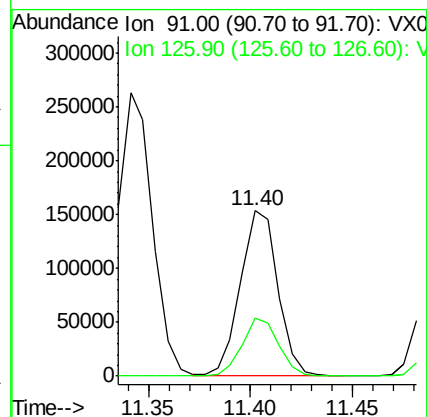
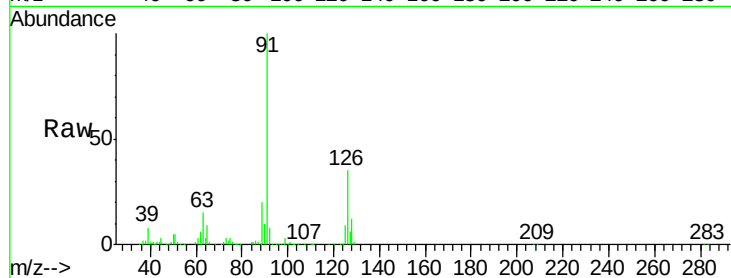
126 34.4 17.4 52.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.578 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017371.D

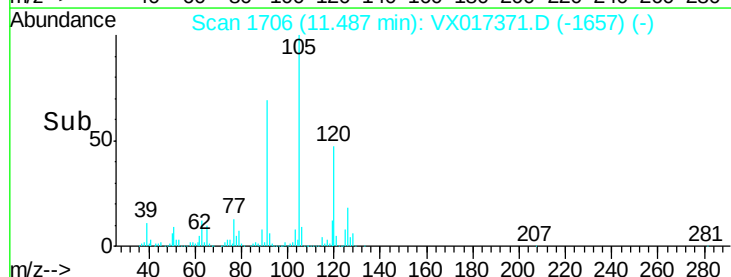
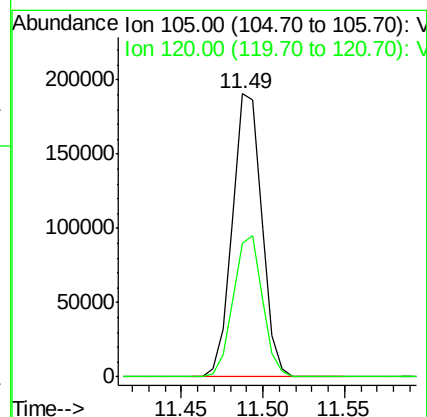
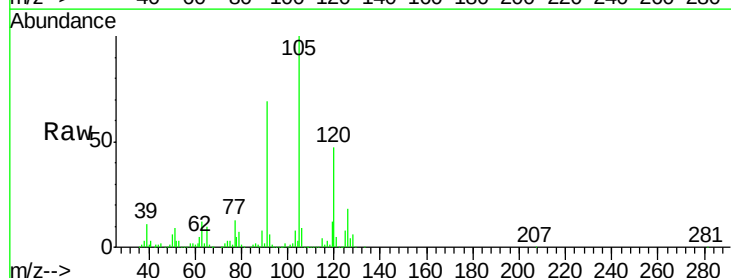
Acq: 14 Jul 2020 12:11

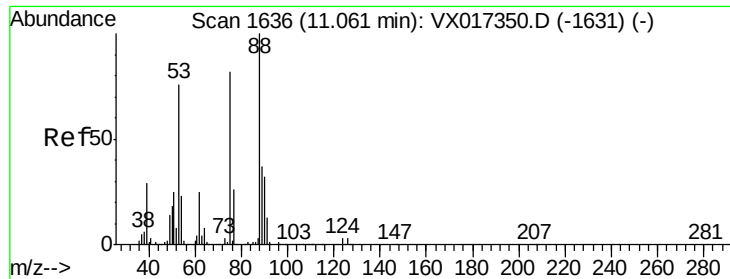
Tgt Ion: 105 Resp: 238804

Ion Ratio Lower Upper

105 100

120 49.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.972 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

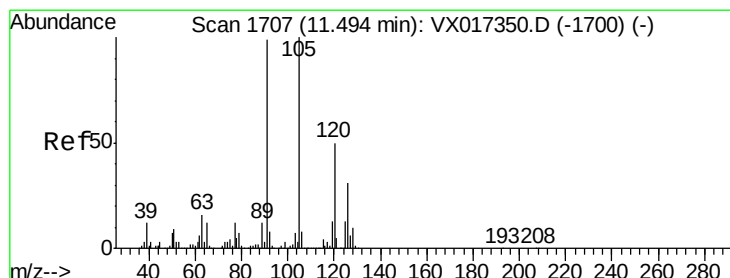
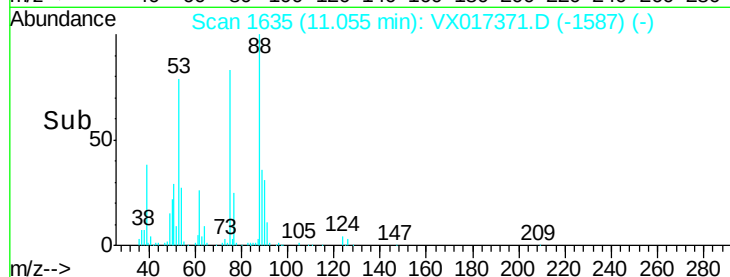
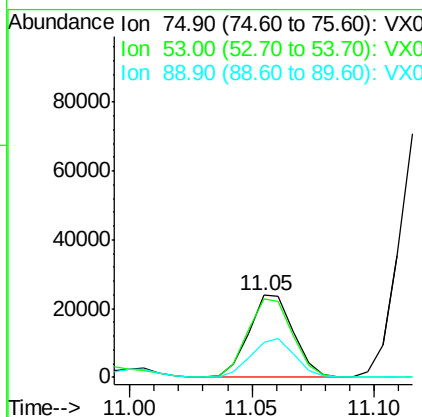
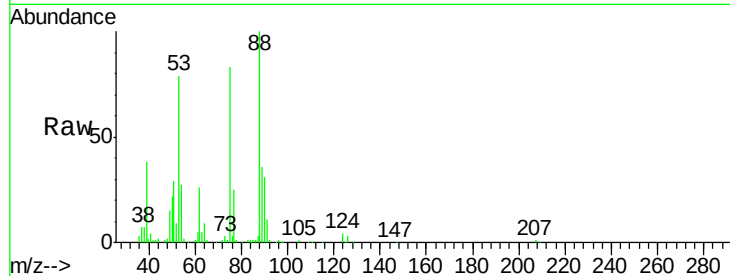
ClientSampleId :

VX0714WBS01

Tot Ion:	75	Resp:	30008
Ion	Ratio	Lower	Upper
75	100		
53	96.8	76.5	114.7
89	48.1	38.1	57.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.546 ug/l

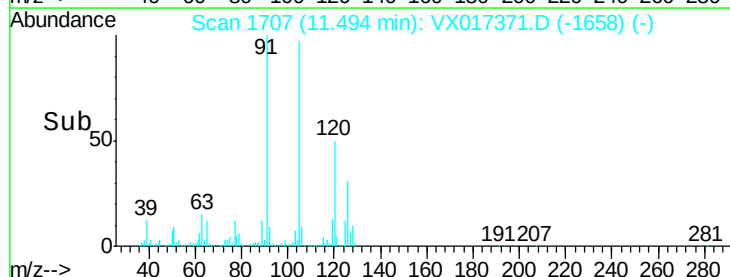
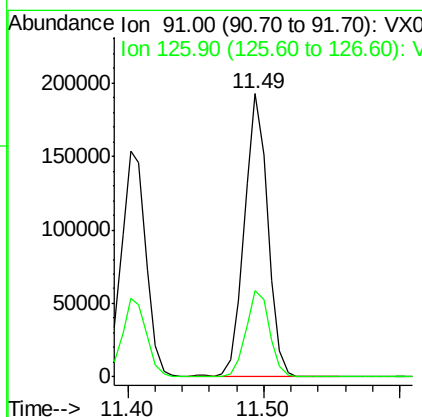
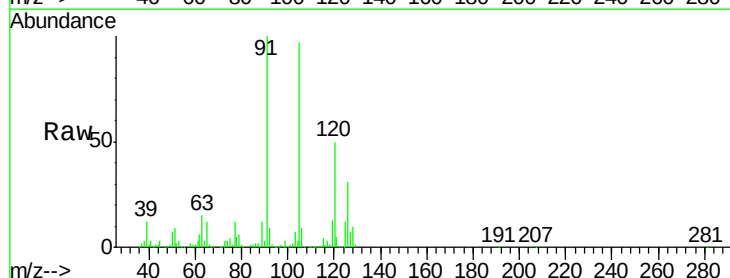
RT: 11.49 min Scan# 1707

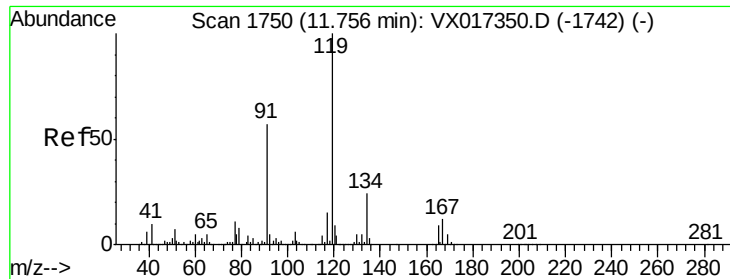
Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Tgt Ion:	91	Resp:	230369
Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.2





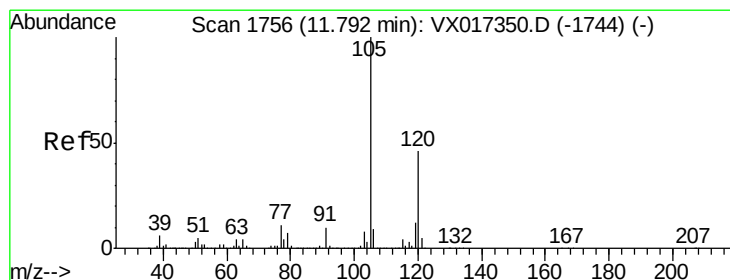
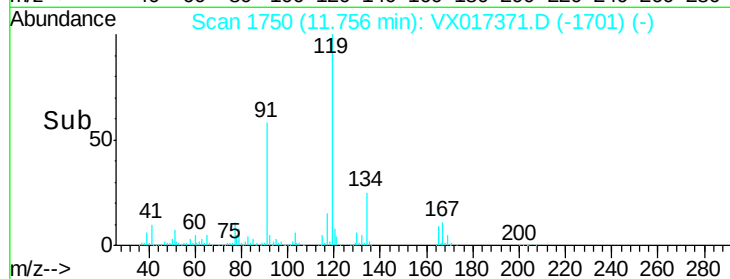
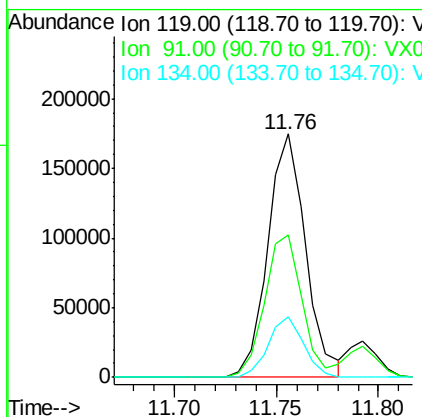
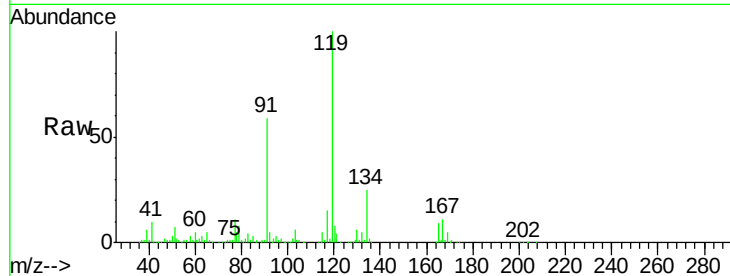
#83
tert-Butylbenzene
Concen: 19.134 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	225608		
91	57.5		28.5	85.6
134	23.5		11.9	35.9

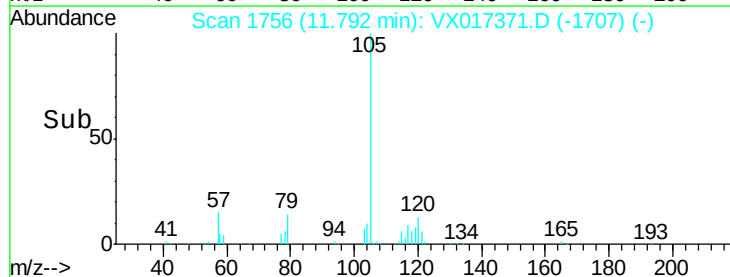
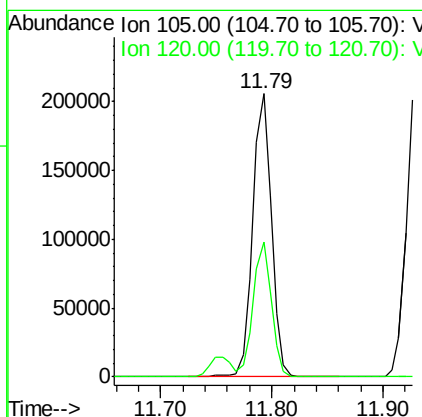
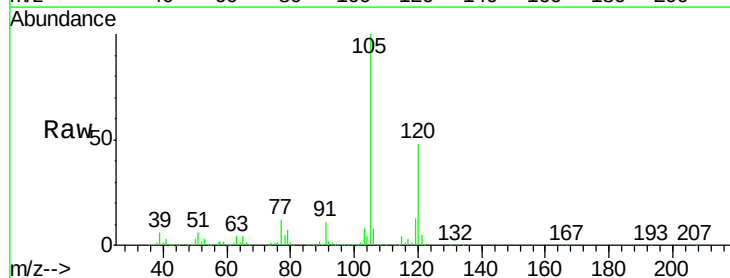
Manual Integrations
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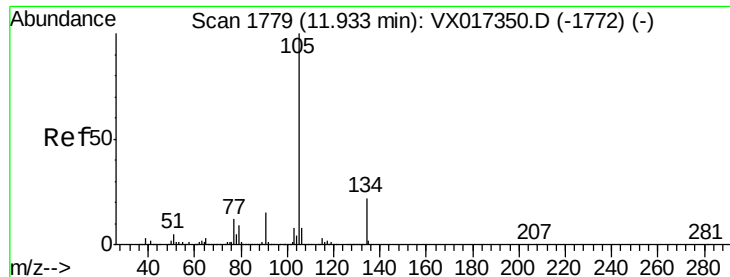
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#84
1,2,4-Trimethylbenzene
Concen: 19.556 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	240986		
120	46.4		22.8	68.4





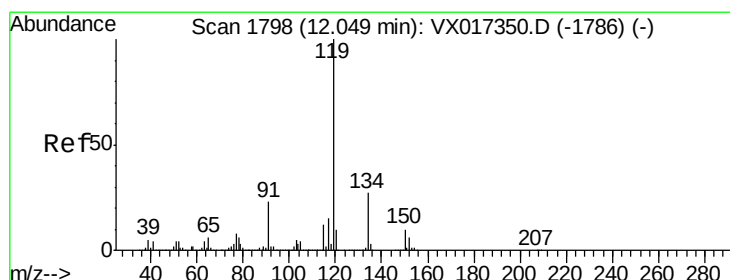
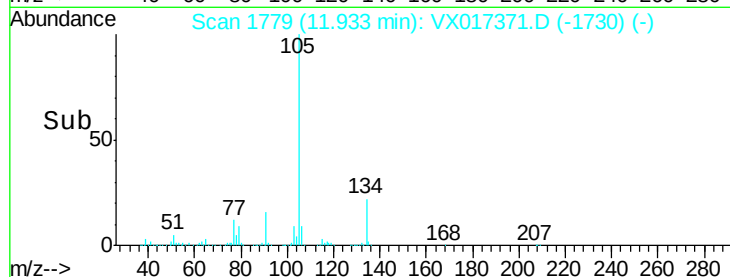
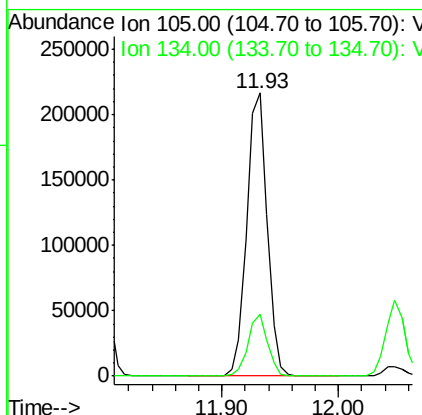
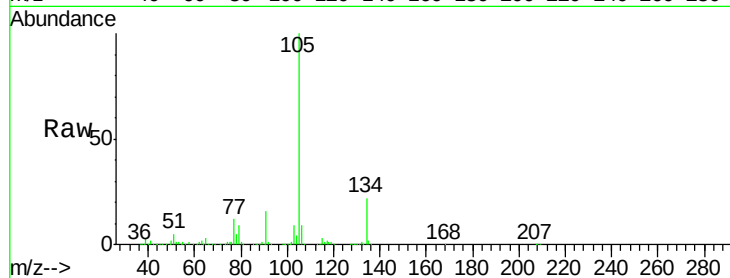
#85
 sec-Butylbenzene
 Concen: 19.293 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Instrument :
 MSVOA_X
 ClientSampled :
 VX0714WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.5	31.5

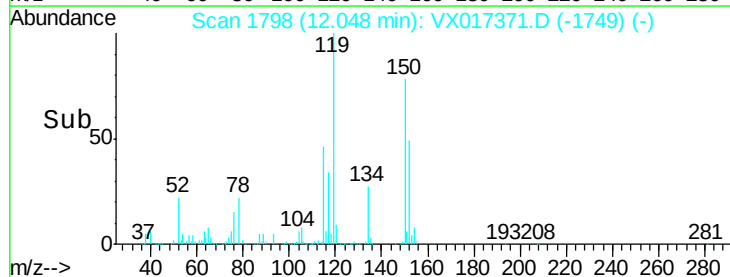
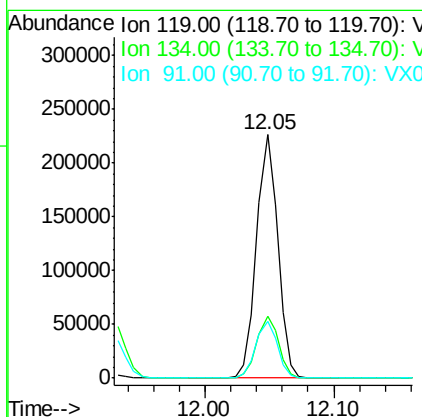
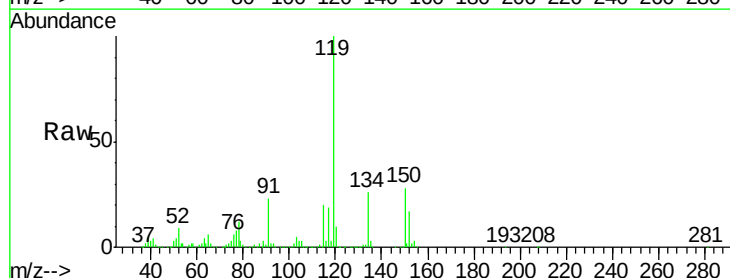
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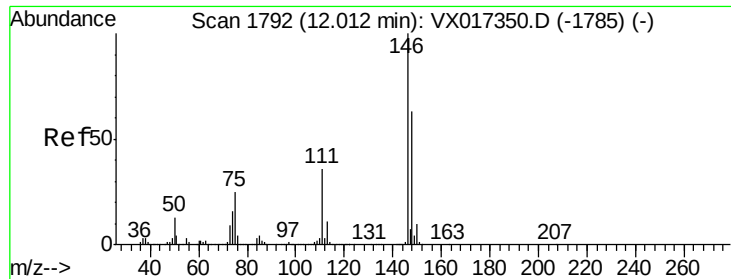
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#86
 p-Isopropyltoluene
 Concen: 19.644 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.5	40.5
91	24.1	11.8	35.3





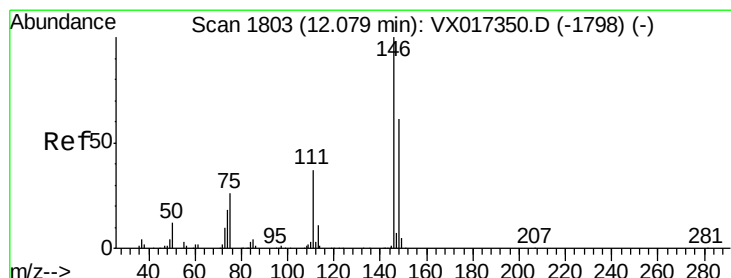
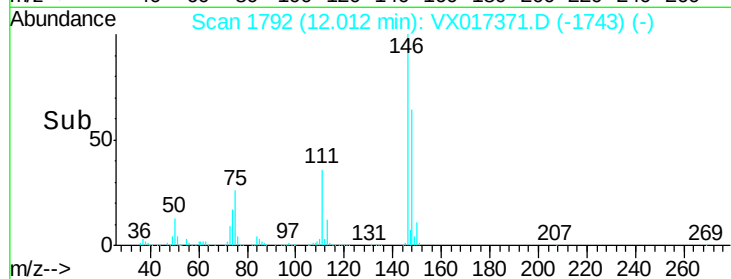
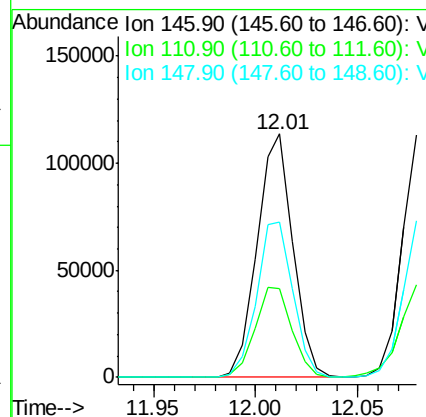
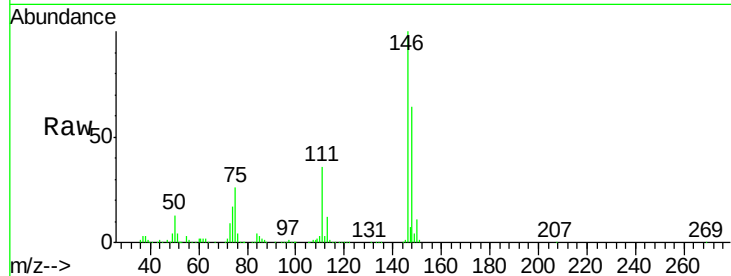
#87
 1,3-Dichlorobenzene
 Concen: 18.910 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Instrument :
 MSVOA_X
 ClientSampled :
 VX0714WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.2	57.6
148	64.9	31.6	95.0

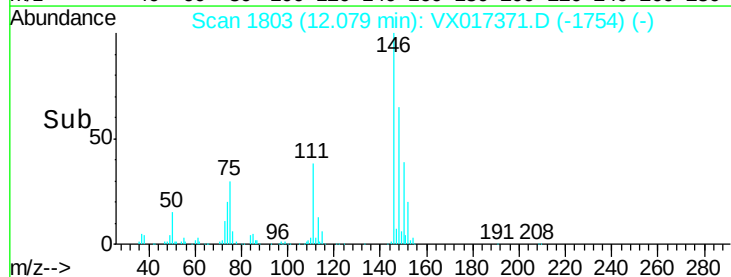
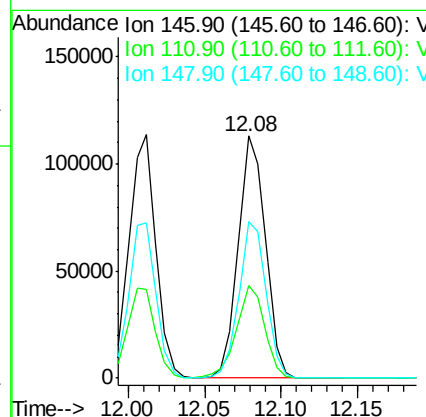
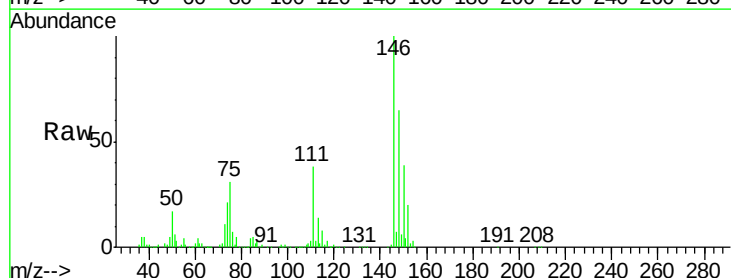
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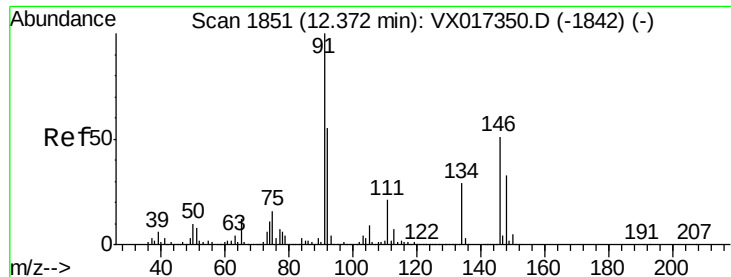
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#88
 1,4-Dichlorobenzene
 Concen: 18.924 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.9	56.9
148	64.6	31.9	95.9





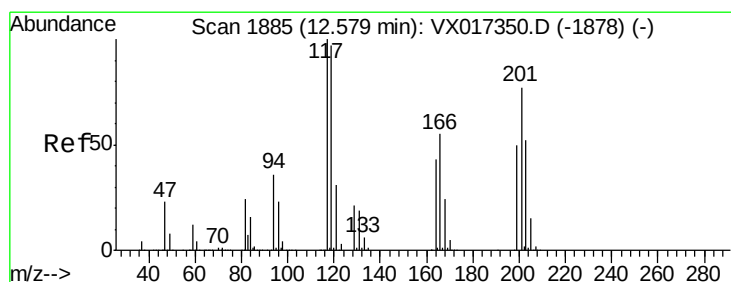
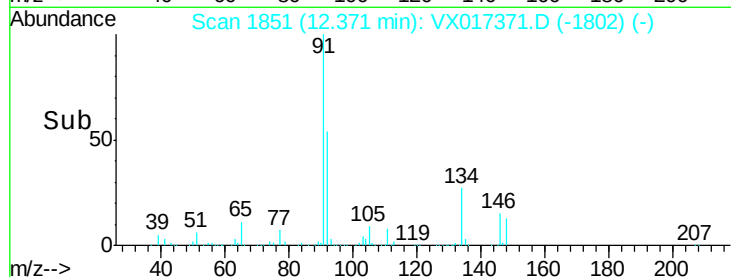
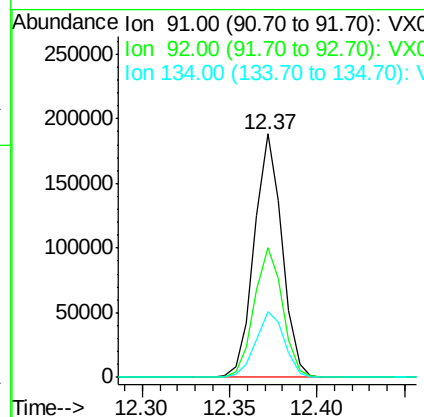
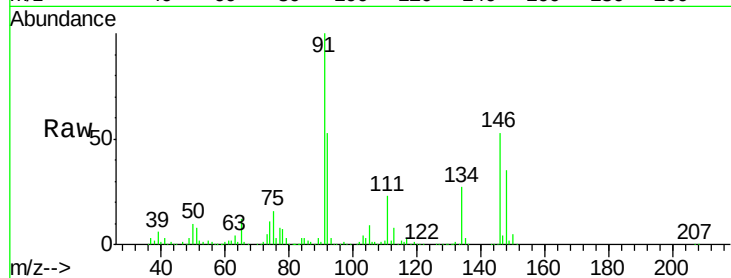
#89
n-Butylbenzene
Concen: 18.624 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.0	81.0
134	27.9	14.1	42.2

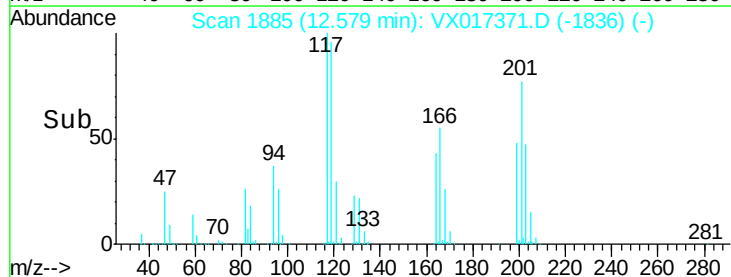
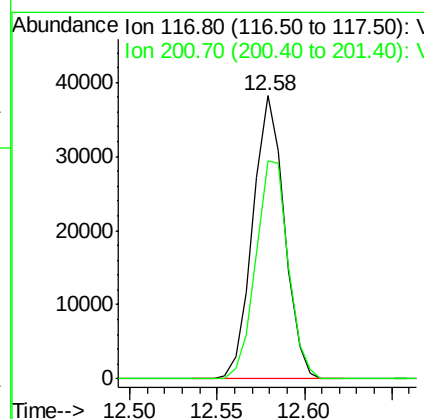
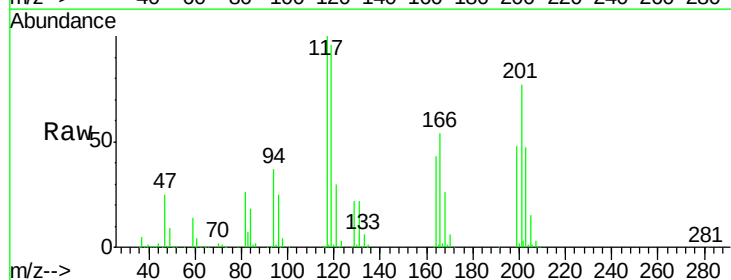
Manual Integrations
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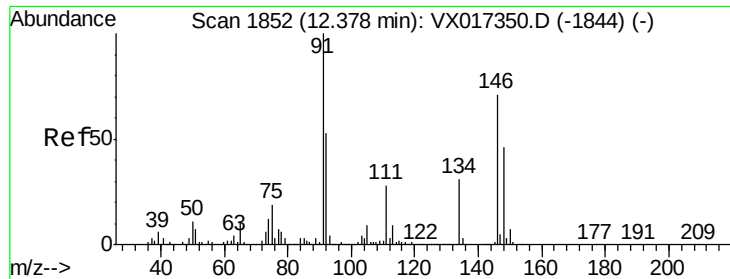
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#90
Hexachloroethane
Concen: 19.329 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017371.D
Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	41.0	123.0





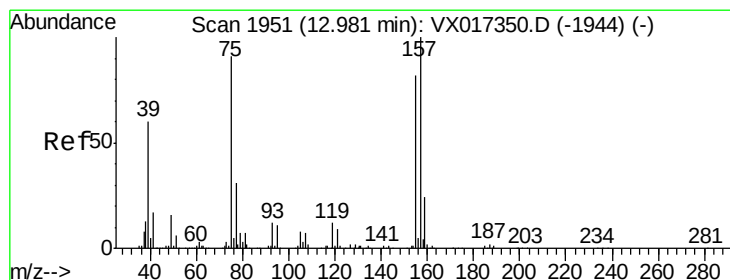
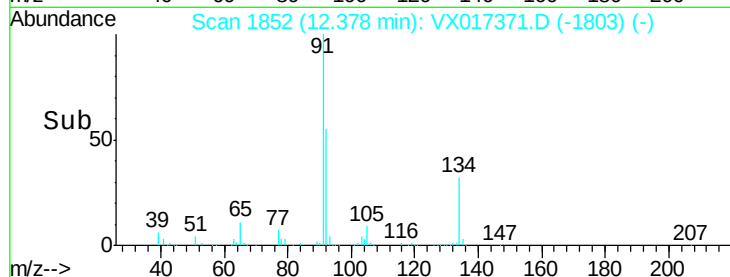
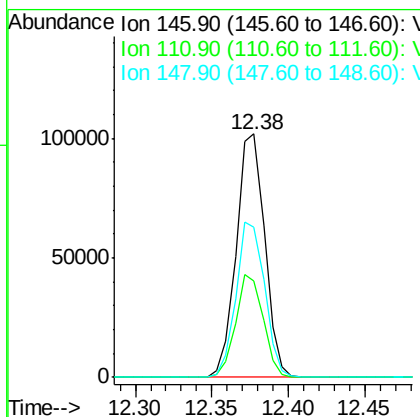
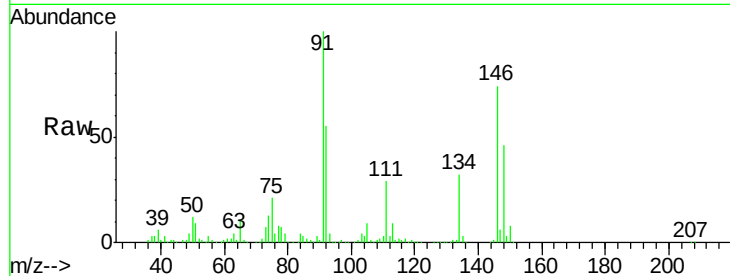
#91
 1,2-Dichlorobenzene
 Concen: 19.119 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	61.0
148	64.2	32.0	96.0

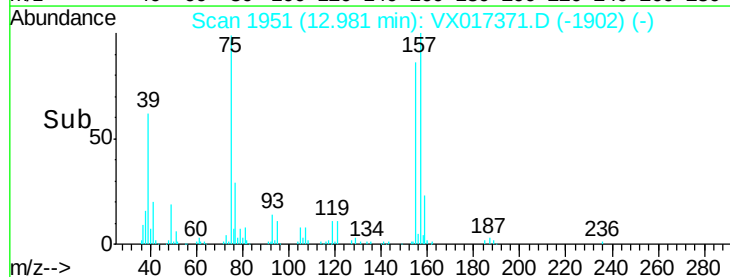
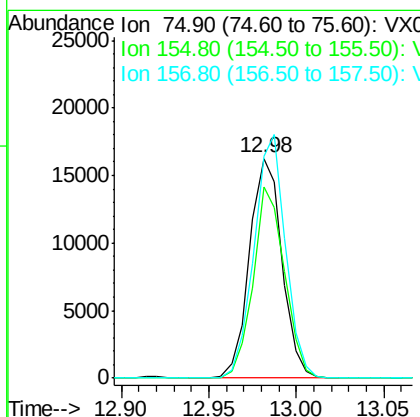
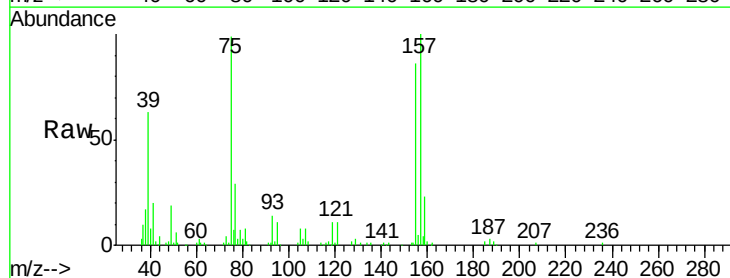
Manual Integrations
 APPROVED

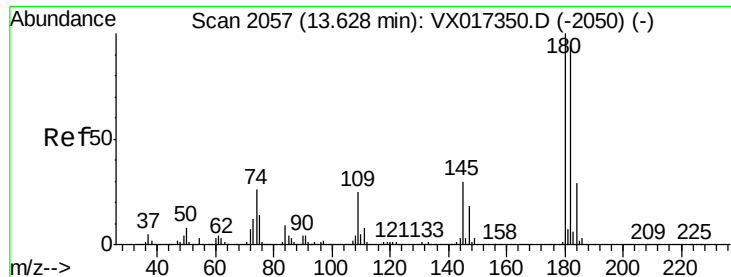
MMDadoda
 7/15/2020 11:43:17 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.211 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.8	46.5	139.3
157	107.2	58.0	173.9





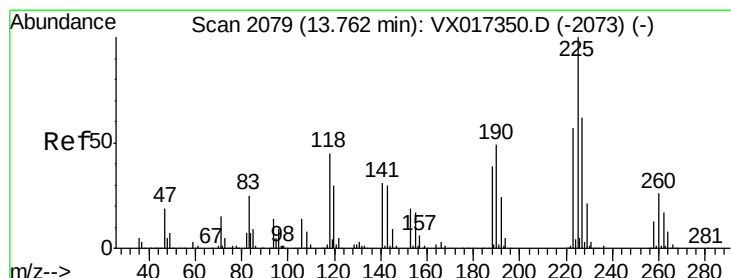
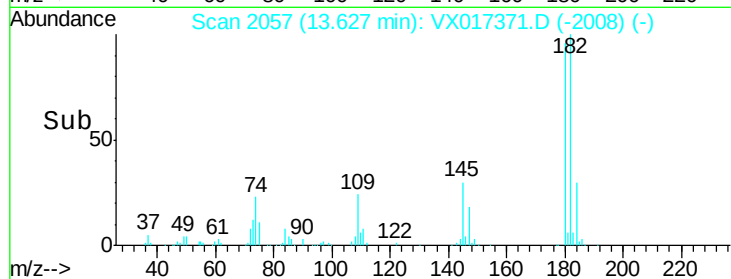
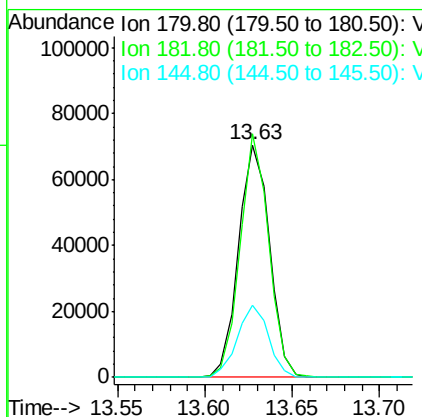
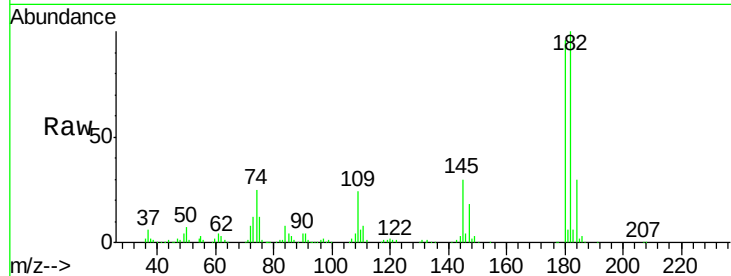
#93
 1,2,4-Trichlorobenzene
 Concen: 18.235 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.4	145.0
145	31.3	15.3	45.8

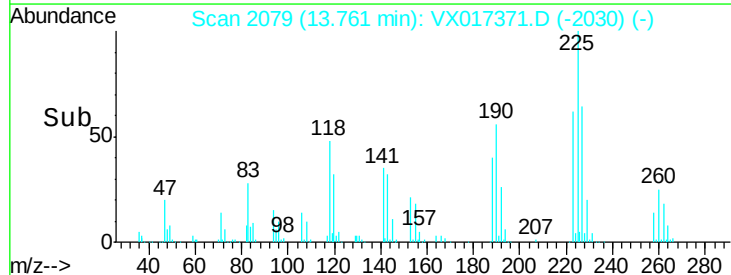
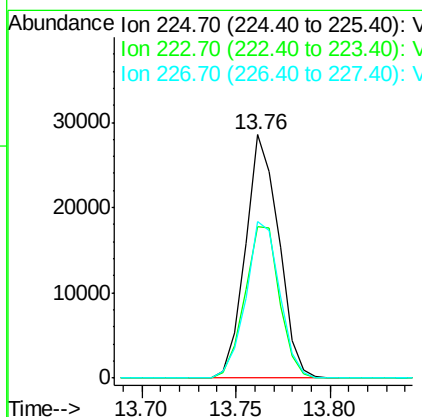
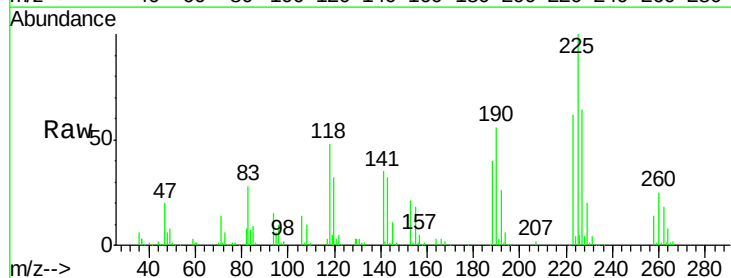
Manual Integrations
 APPROVED

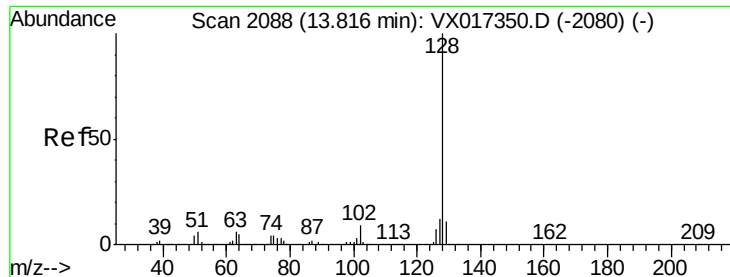
MMDadoda
 7/15/2020 11:43:17 AM



#94
 Hexachlorobutadiene
 Concen: 17.970 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX017371.D
 Acq: 14 Jul 2020 12:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.3	93.8
227	65.2	31.6	95.0





#95

Naphthalene

Concen: 18.460 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Instrument :

MSVOA_X

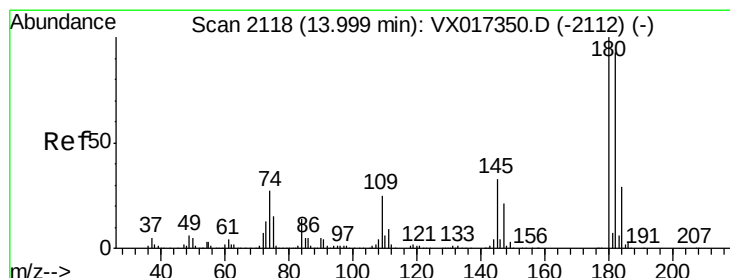
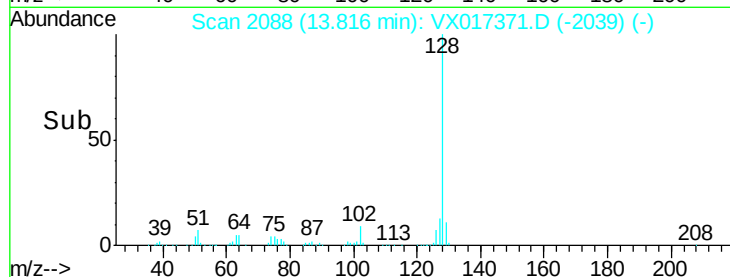
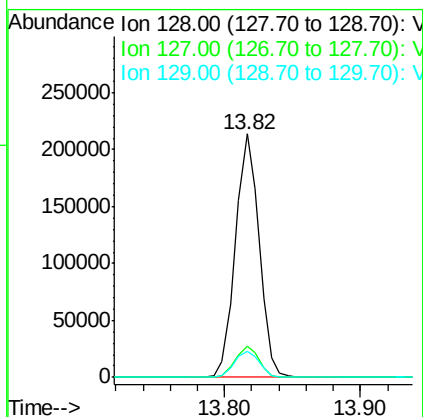
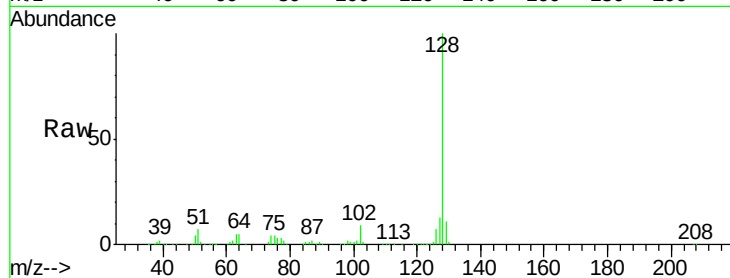
ClientSampleId :

VX0714WBS01

Tot Ion:	128	Resp:	259216
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/15/2020 11:43:17 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.599 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017371.D

Acq: 14 Jul 2020 12:11

Tgt Ion:	180	Resp:	85806
Ion Ratio		Lower	Upper
180	100		
182	91.4	48.8	146.3
145	32.6	16.6	49.7

