

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015371.D
 Acq On : 26 Mar 2020 21:46
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX032720

Quant Time: Mar 27 09:38:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1143450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1787773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1635042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	846067	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	753520	46.72	ug/l	0.00
Spiked Amount			Recovery	=	93.44%	
35) Dibromofluoromethane	5.47	113	557259	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	8.70	98	2076639	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.12	95	833247	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	526705	52.284	ug/l	99
3) Chloromethane	1.31	50	622053	48.487	ug/l	99
4) Vinyl Chloride	1.39	62	588655	49.971	ug/l	99
5) Bromomethane	1.62	94	289731	54.004	ug/l	99
6) Chloroethane	1.70	64	350256	47.941	ug/l	98
7) Trichlorofluoromethane	1.91	101	802620	50.805	ug/l	97
8) Diethyl Ether	2.17	74	311206	46.704	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	528532	51.320	ug/l	100
10) Methyl Iodide	2.49	142	698784	50.325	ug/l	100
11) Tert butyl alcohol	3.01	59	884923	229.248	ug/l	99
12) 1,1-Dichloroethene	2.36	96	538064	49.842	ug/l	99
13) Acrolein	2.27	56	553639	251.781	ug/l	99
14) Allyl chloride	2.71	41	1210220	47.978	ug/l	98
15) Acrylonitrile	3.12	53	1781151	241.954	ug/l	99
16) Acetone	2.42	43	1625804	234.652	ug/l	100
17) Carbon Disulfide	2.55	76	1660101	50.410	ug/l	100
18) Methyl Acetate	2.75	43	831644	47.029	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	2014769	48.121	ug/l	100
20) Methylene Chloride	2.83	84	604722	46.727	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	586333	48.939	ug/l	98
22) Diisopropyl ether	3.83	45	2176793	48.701	ug/l	96
23) Vinyl Acetate	3.79	43	9905574	244.769	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1108513	47.103	ug/l	99
25) 2-Butanone	4.64	43	2655916	238.357	ug/l	99
26) 2,2-Dichloropropane	4.56	77	922951	47.779	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	673392	48.581	ug/l	99
28) Bromochloromethane	4.98	49	528499	47.036	ug/l	100
29) Tetrahydrofuran	5.09	42	1711647	238.947	ug/l	100
30) Chloroform	5.18	83	1094381	48.335	ug/l	100
31) Cyclohexane	5.55	56	1053603	51.608	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	1013895	49.481	ug/l	100
36) 1,1-Dichloropropene	5.78	75	843762	51.223	ug/l	100
37) Ethyl Acetate	4.79	43	1044907	48.718	ug/l	100
38) Carbon Tetrachloride	5.76	117	909922	51.001	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1008432	53.096	ug/l	99
40) Benzene	6.12	78	2406401	49.871	ug/l	99
41) Methacrylonitrile	5.01	41	599776	50.375	ug/l	99
42) 1,2-Dichloroethane	6.17	62	954971	49.271	ug/l	99
43) Isopropyl Acetate	6.42	43	1780069	49.164	ug/l	99
44) Trichloroethene	7.19	130	669099	50.845	ug/l	96
45) 1,2-Dichloropropane	7.50	63	644488	48.825	ug/l	97
46) Dibromomethane	7.64	93	425842	49.180	ug/l	98
47) Bromodichloromethane	7.88	83	918402	49.777	ug/l	100
48) Methyl methacrylate	7.75	41	890355	49.232	ug/l	100
49) 1,4-Dioxane	7.72	88	336883	998.549	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	5077616	247.458	ug/l	100
52) Toluene	8.77	92	1504605	50.577	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	1058976	48.939	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1093536	49.610	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	604616	49.607	ug/l	97
56) Ethyl methacrylate	9.16	69	1064463	49.556	ug/l	100
57) 1,3-Dichloropropane	9.36	76	1068190	48.644	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	2622110	250.968	ug/l	100
59) 2-Hexanone	9.48	43	3882535	250.624	ug/l	100
60) Dibromochloromethane	9.57	129	733876	50.109	ug/l	100
61) 1,2-Dibromoethane	9.65	107	656401	49.530	ug/l	99
64) Tetrachloroethene	9.32	164	593779	48.121	ug/l	96
65) Chlorobenzene	10.12	112	1611283	49.414	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	640829	49.193	ug/l	99
67) Ethyl Benzene	10.24	91	2950181	51.012	ug/l	99
68) m/p-Xylenes	10.34	106	2187957	101.600	ug/l	99
69) o-Xylene	10.68	106	1071205	50.338	ug/l	99
70) Styrene	10.70	104	1873820	50.041	ug/l	100
71) Bromoform	10.84	173	601802	50.747	ug/l #	100
73) Isopropylbenzene	11.01	105	2851313	51.434	ug/l	99
74) N-amyl acetate	10.89	43	1520360	49.310	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	935657	49.188	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1173002	67.419	ug/l	83
77) Bromobenzene	11.24	156	763463	51.631	ug/l	96
78) n-propylbenzene	11.35	91	3280926	51.758	ug/l	100
79) 2-Chlorotoluene	11.40	91	1967261	50.633	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2436074	51.455	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	359867	49.629	ug/l	99
82) 4-Chlorotoluene	11.49	91	2310671	50.731	ug/l	100
83) tert-Butylbenzene	11.76	119	2409953	52.113	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2477766	51.357	ug/l	99
85) sec-Butylbenzene	11.93	105	2776818	51.919	ug/l	100
86) p-Isopropyltoluene	12.05	119	2562975	51.619	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1342574	50.718	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1339957	49.695	ug/l	100
89) n-Butylbenzene	12.37	91	2339639	52.144	ug/l	100
90) Hexachloroethane	12.58	117	493041	51.018	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	1314270	50.732	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	245639	45.752	ug/l	97

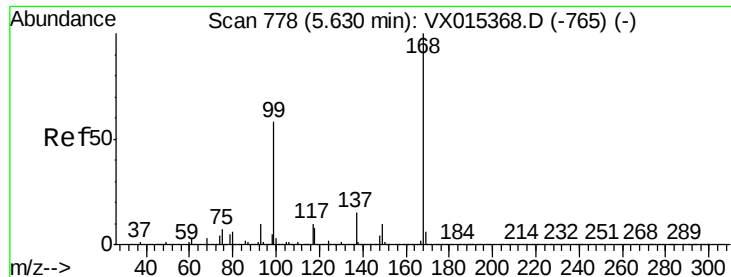
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1034300	50.475	ug/l	99
94) Hexachlorobutadiene	13.77	225	502496	51.506	ug/l	97
95) Naphthalene	13.82	128	3245705	51.926	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1003624	50.871	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

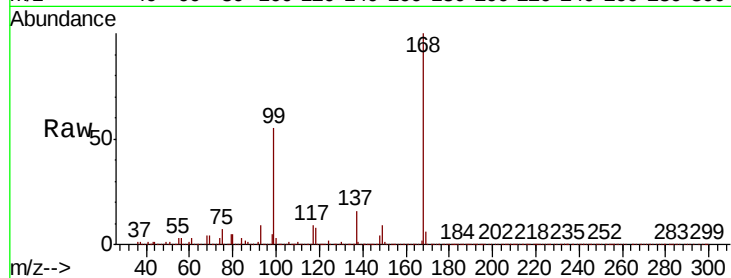
ICVVX032720

Tot Ion:168 Resp: 1143450

Ion Ratio Lower Upper

168 100

99 54.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

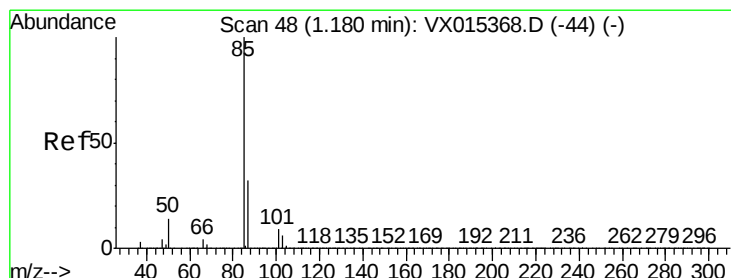
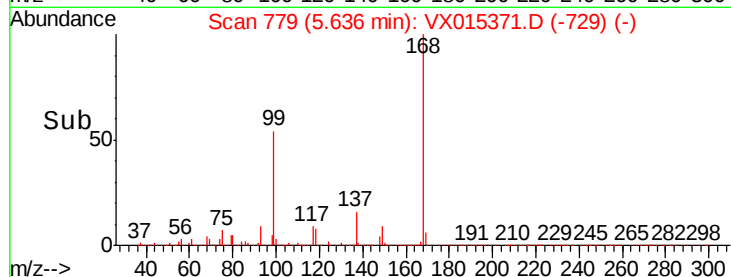
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.284 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015371.D

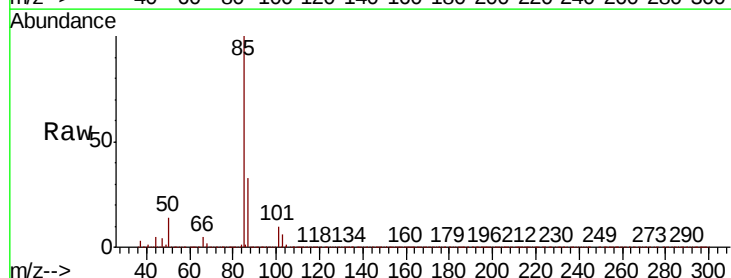
Acq: 26 Mar 2020 21:46

Tgt Ion: 85 Resp: 526705

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

600000

500000

400000

300000

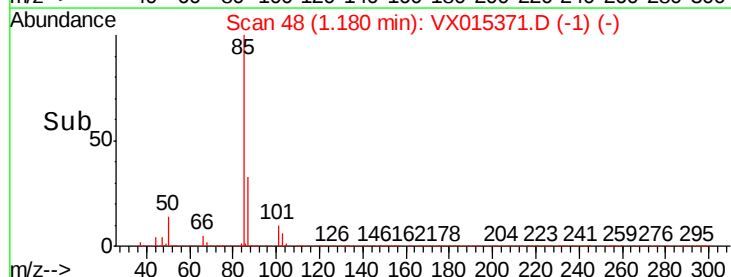
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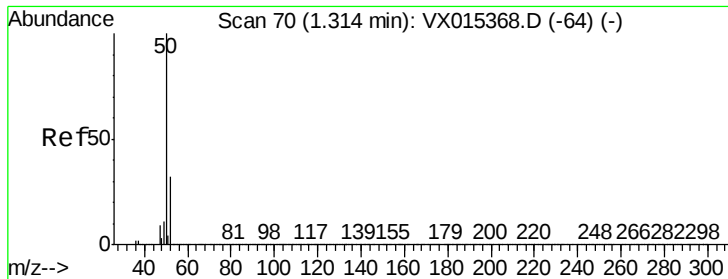
100000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.487 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

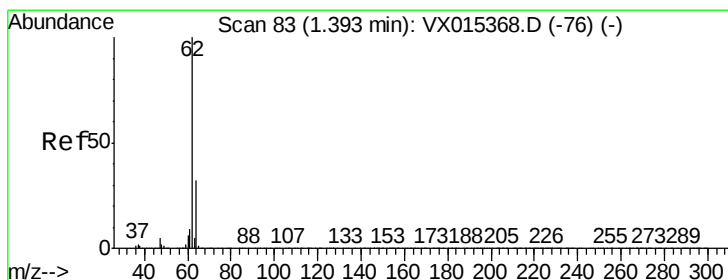
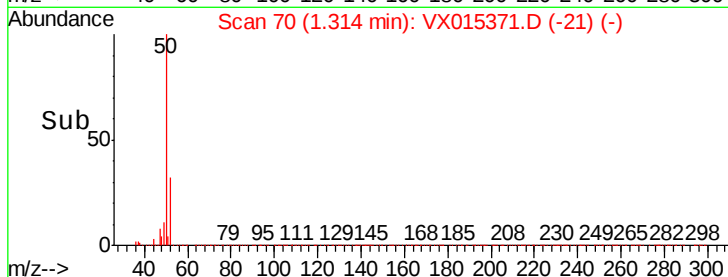
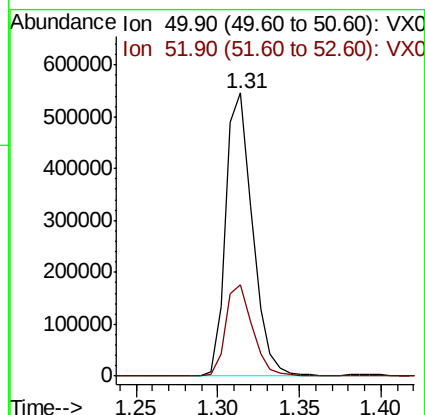
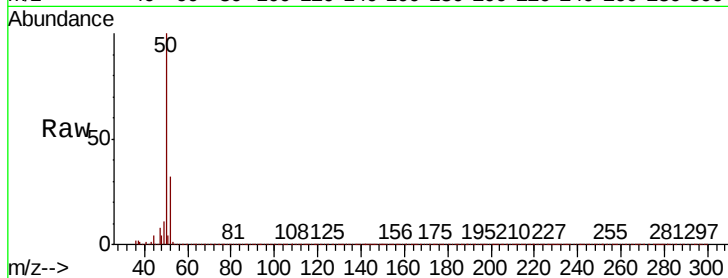
ICVVX032720

Tot Ion: 50 Resp: 622053

Ion Ratio Lower Upper

50 100

52 32.4 25.3 37.9



#4

Vinyl Chloride

Concen: 49.971 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015371.D

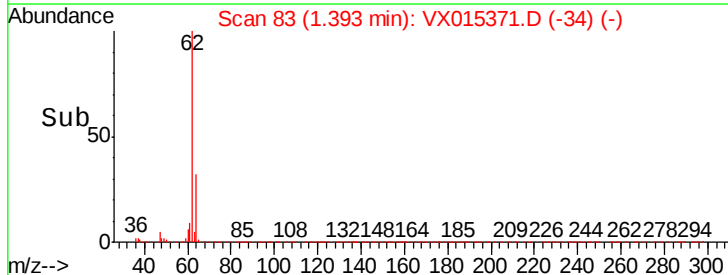
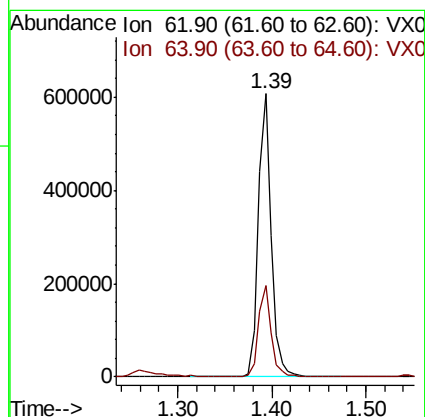
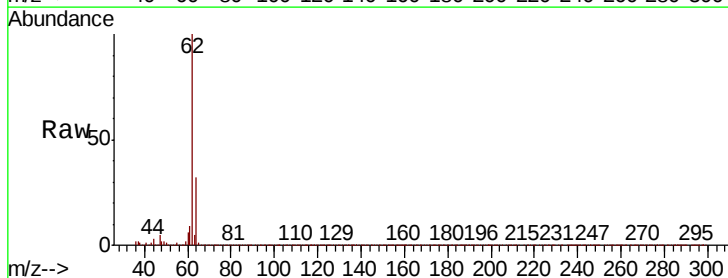
Acq: 26 Mar 2020 21:46

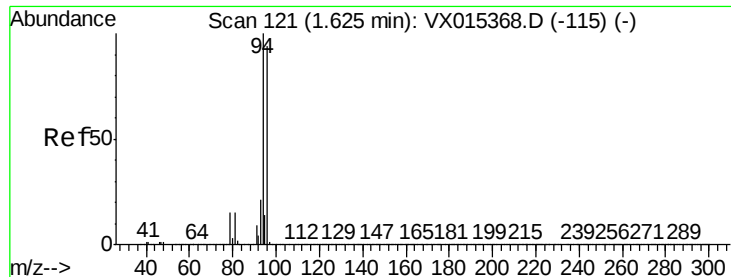
Tgt Ion: 62 Resp: 588655

Ion Ratio Lower Upper

62 100

64 31.9 26.0 39.0





#5

Bromomethane

Concen: 54.004 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

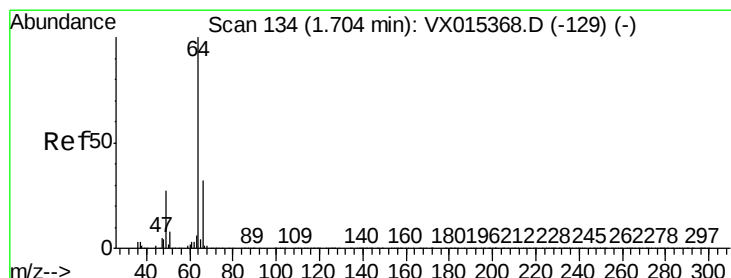
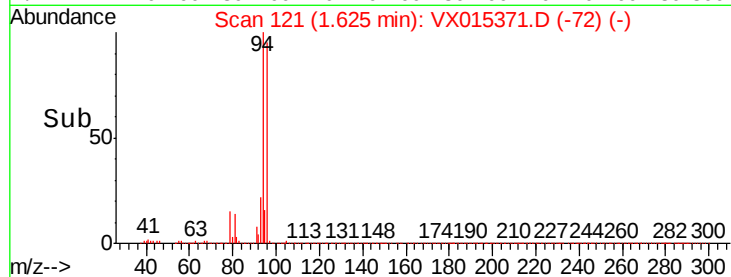
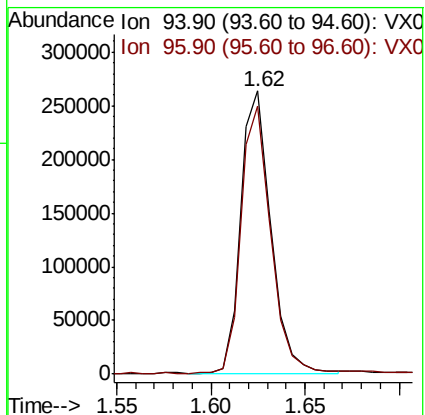
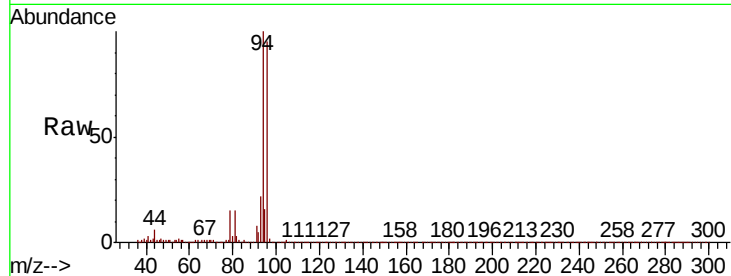
ICVVX032720

Tot Ion: 94 Resp: 289731

Ion Ratio Lower Upper

94 100

96 94.8 74.8 112.2



#6

Chloroethane

Concen: 47.941 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015371.D

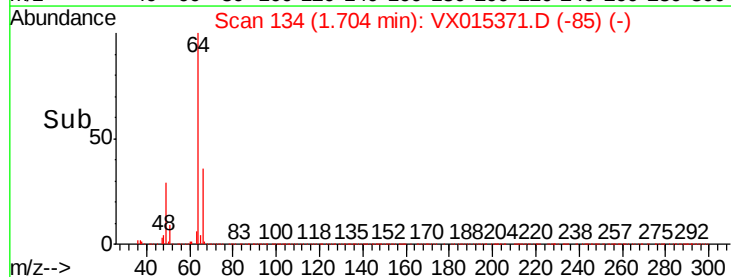
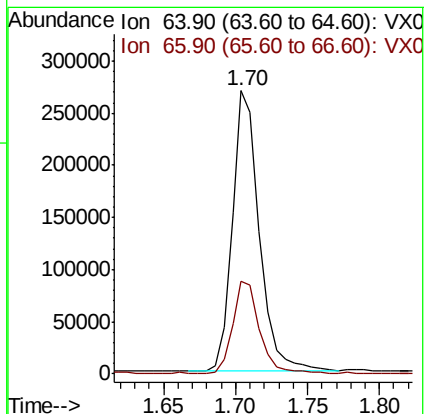
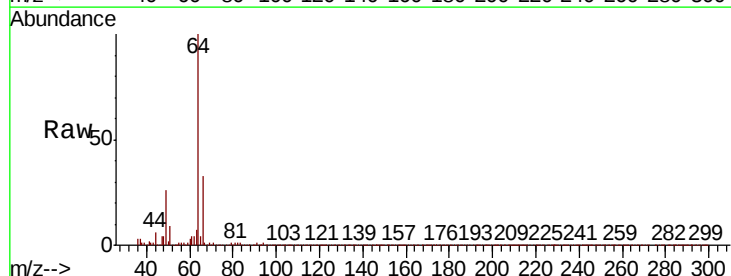
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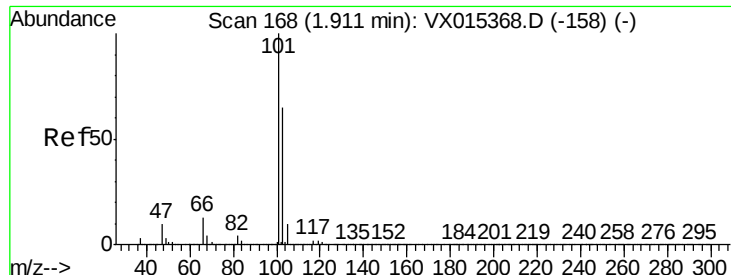
Tgt Ion: 64 Resp: 350256

Ion Ratio Lower Upper

64 100

66 32.7 25.4 38.2



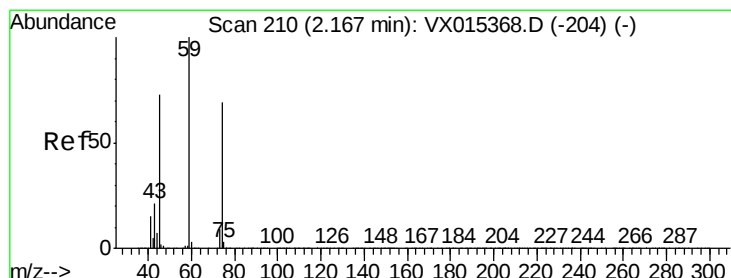
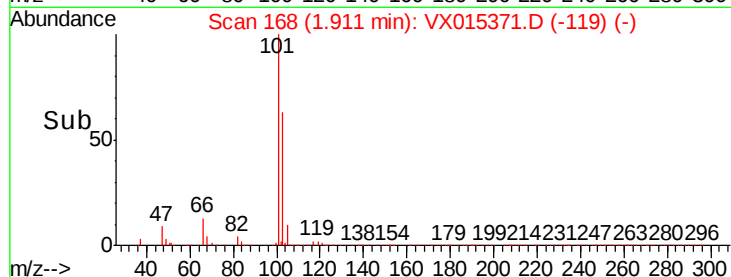
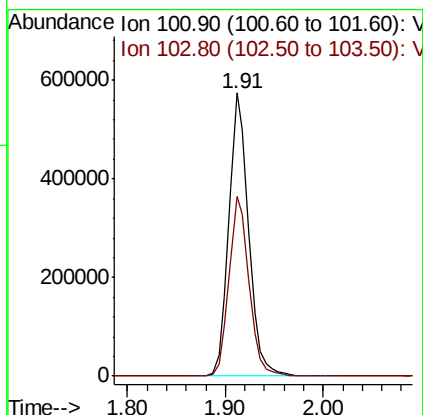
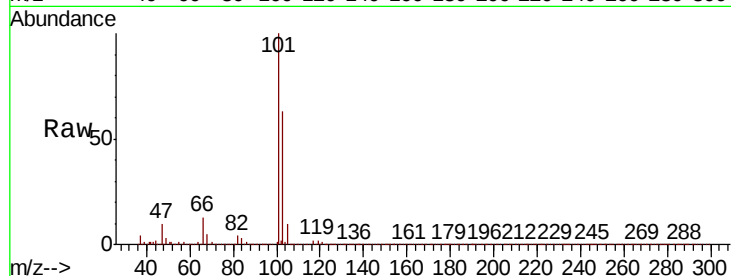


#7

Trichlorofluoromethane
Concen: 50.805 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015371.D
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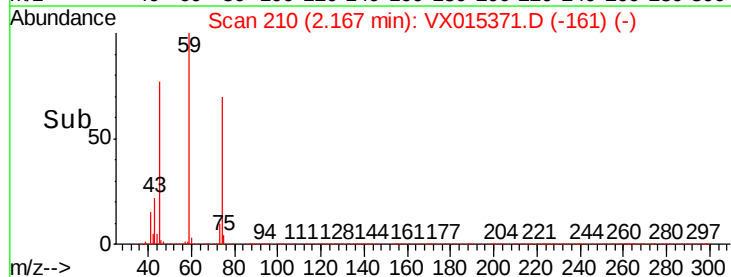
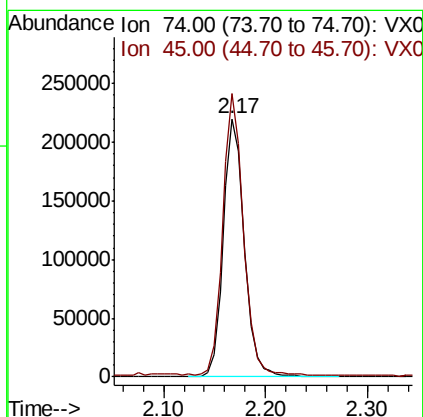
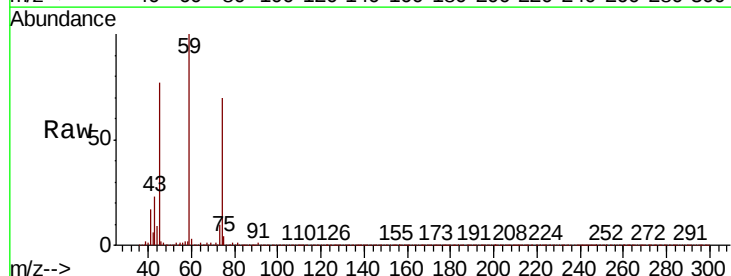
Tot Ion:101 Resp: 802620
Ion Ratio Lower Upper
101 100
103 63.2 52.3 78.5

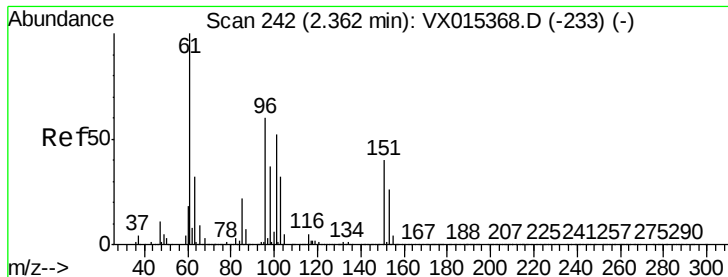


#8

Diethyl Ether
Concen: 46.704 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion: 74 Resp: 311206
Ion Ratio Lower Upper
74 100
45 108.5 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.320 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032720

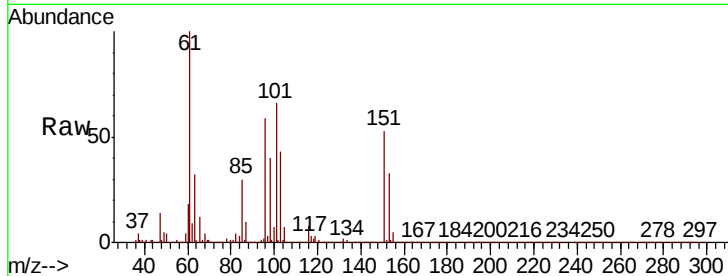
Tot Ion:101 Resp: 528532

Ion Ratio Lower Upper

101 100

85 43.9 35.0 52.4

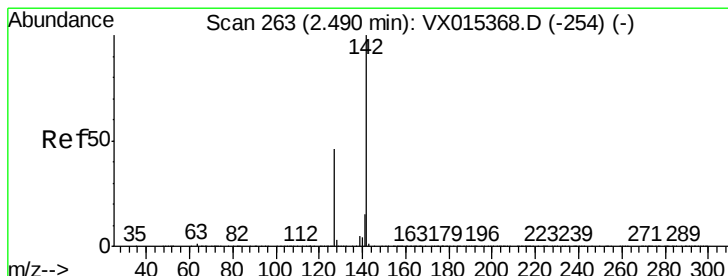
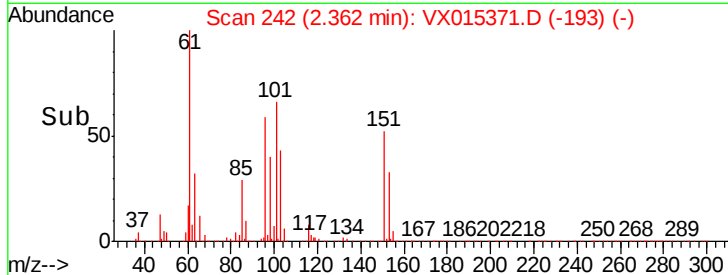
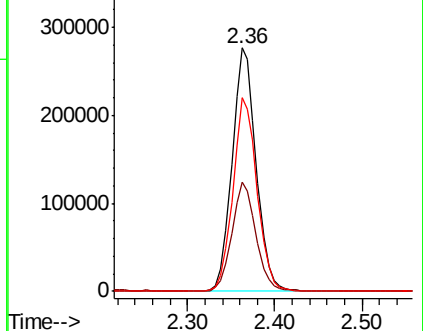
151 79.7 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.325 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

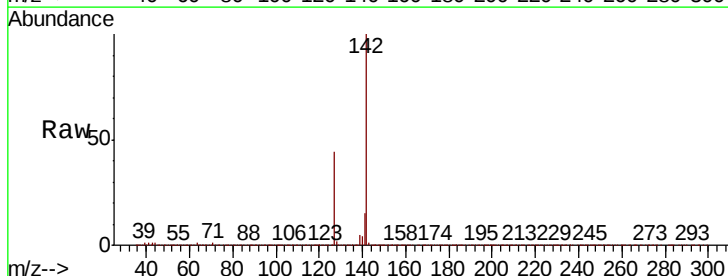
Tgt Ion:142 Resp: 698784

Ion Ratio Lower Upper

142 100

127 44.9 35.9 53.9

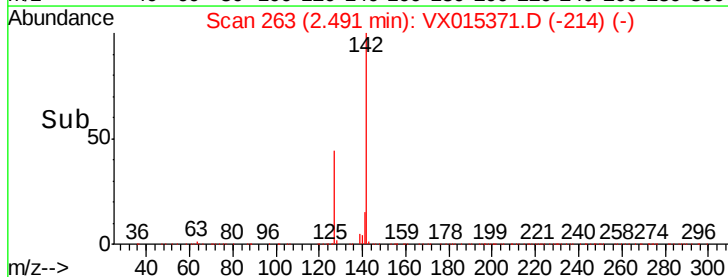
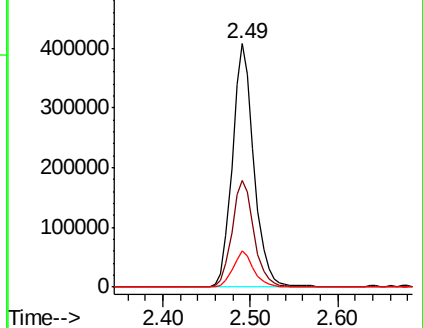
141 14.4 11.6 17.4

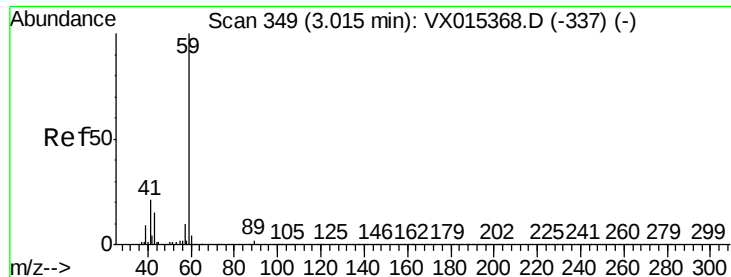


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



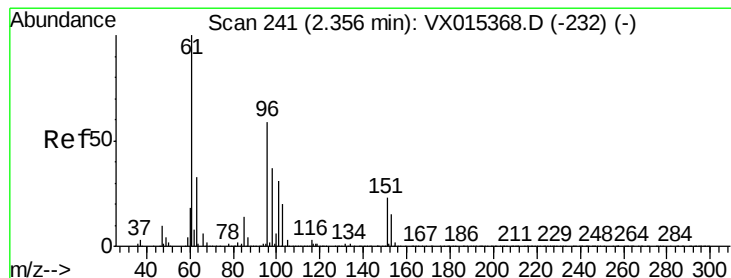
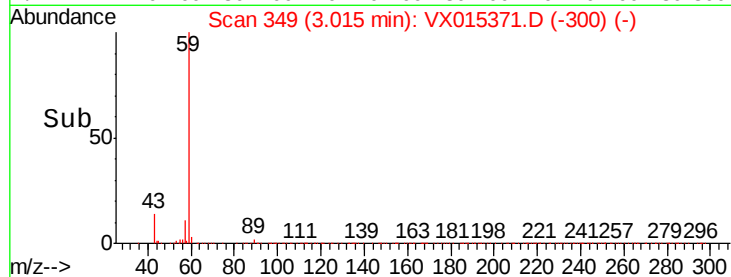
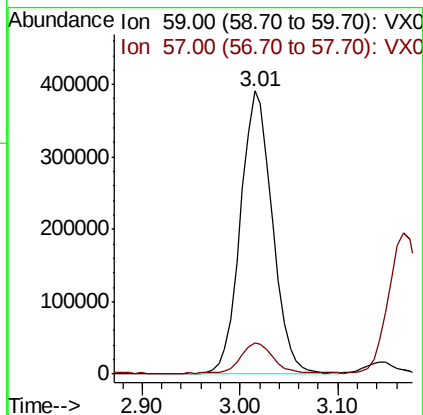
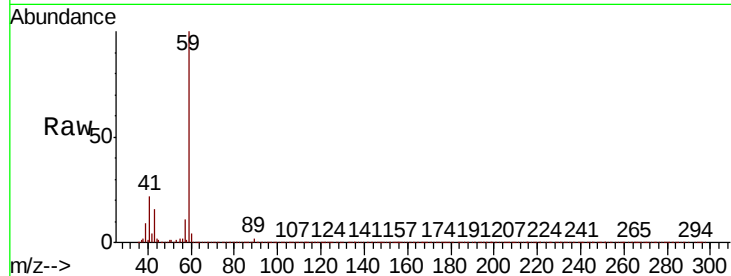


#11

Tert butyl alcohol
Concen: 229.248 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032720

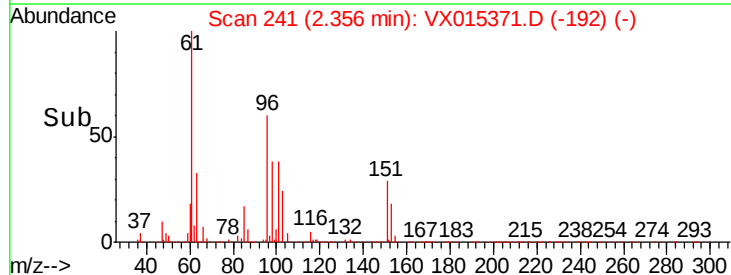
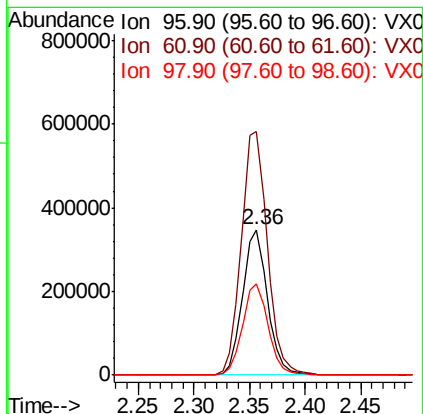
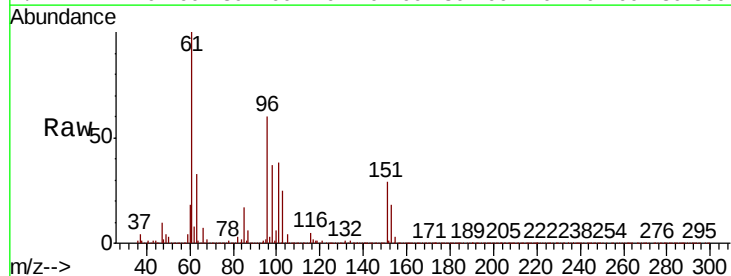
Tot Ion: 59 Resp: 884923
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1

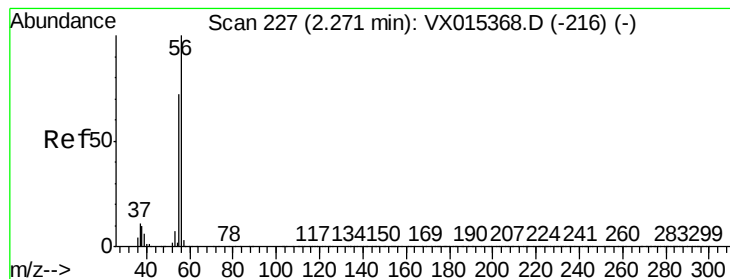


#12

1,1-Dichloroethene
Concen: 49.842 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion: 96 Resp: 538064
Ion Ratio Lower Upper
96 100
61 167.5 135.7 203.5
98 62.7 50.6 75.8





#13

Acrolein

Concen: 251.781 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

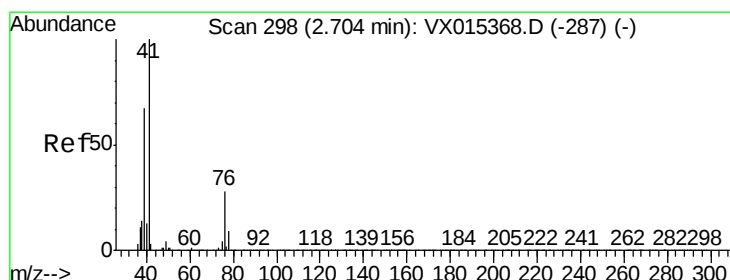
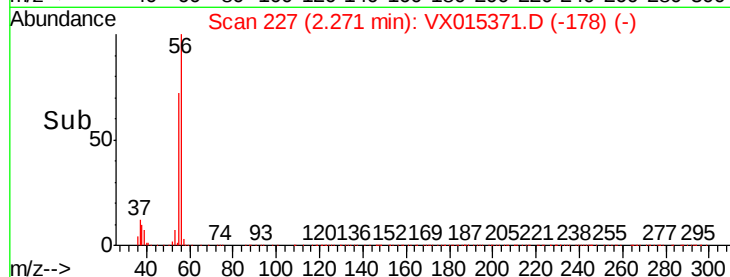
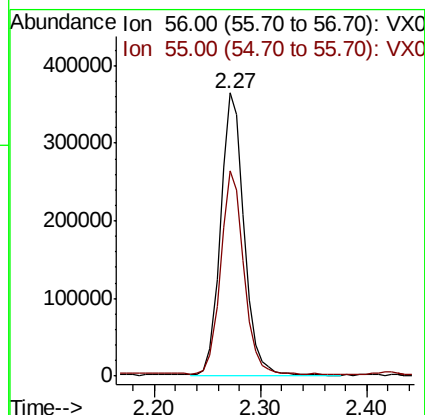
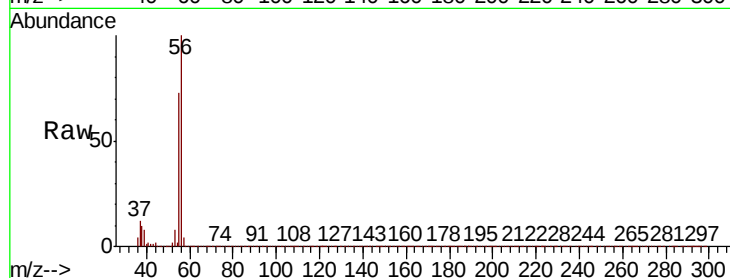
ICVVX032720

Tot Ion: 56 Resp: 553639

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



#14

Allyl chloride

Concen: 47.978 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

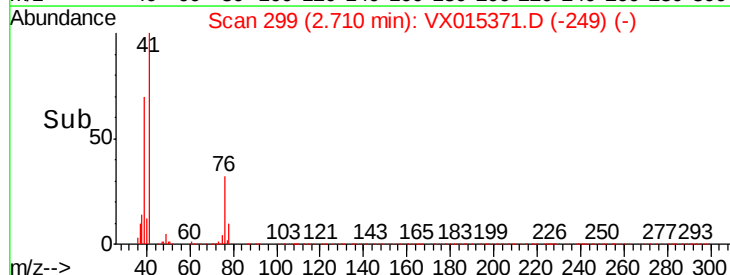
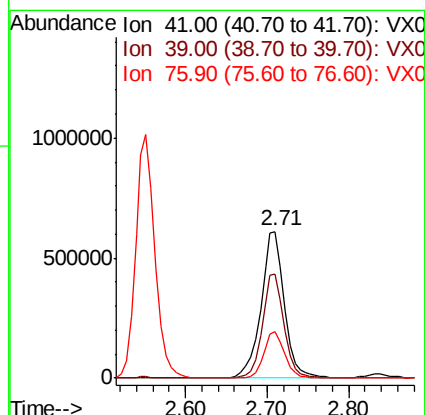
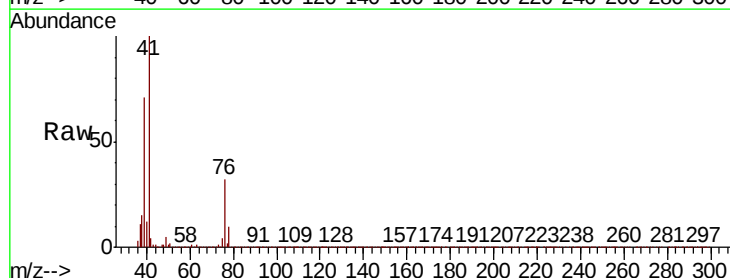
Tgt Ion: 41 Resp: 1210220

Ion Ratio Lower Upper

41 100

39 66.1 51.4 77.0

76 28.2 21.8 32.8





#15

Acrylonitrile

Concen: 241.954 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

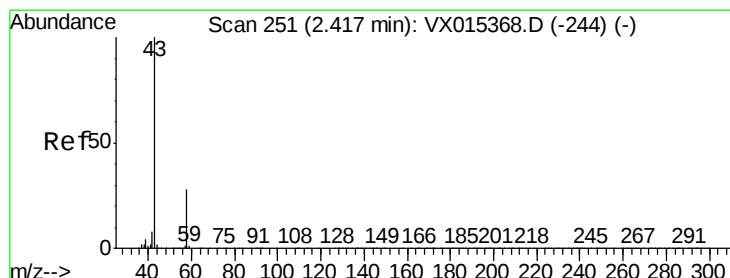
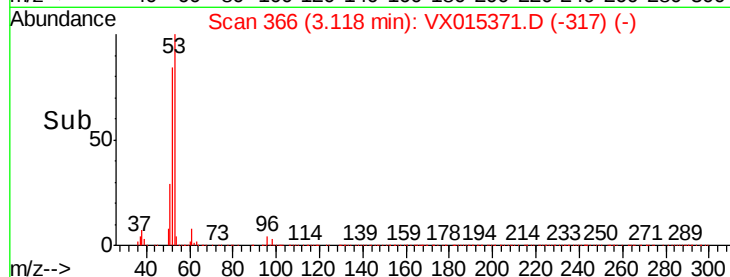
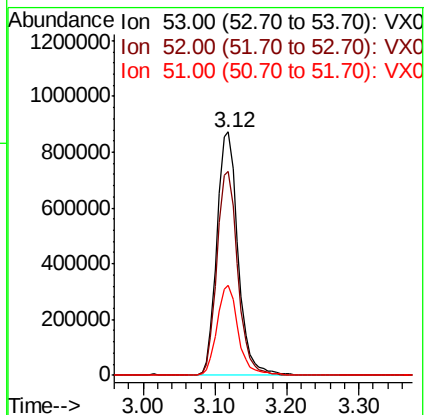
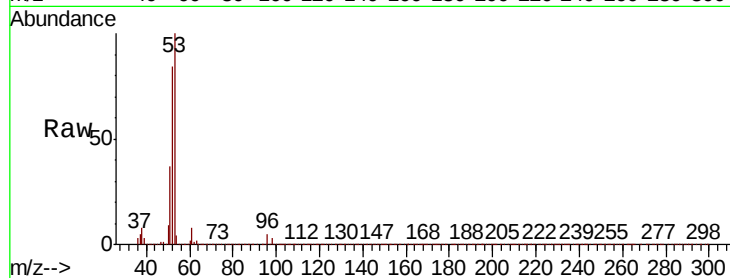
MSVOA_X

ClientSampleId :

ICVVX032720

Tot Ion: 53 Resp: 1781151

Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.8	100.2
51	36.8	29.5	44.3



#16

Acetone

Concen: 234.652 ug/l

RT: 2.42 min Scan# 251

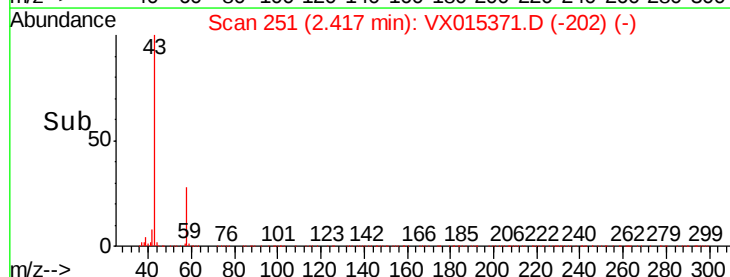
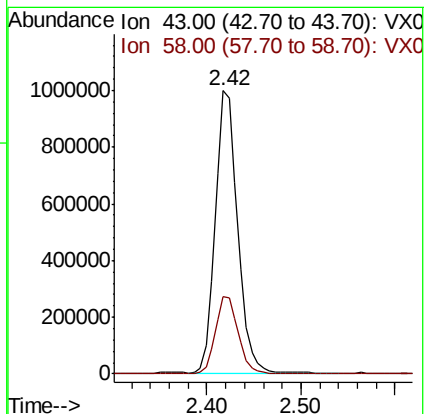
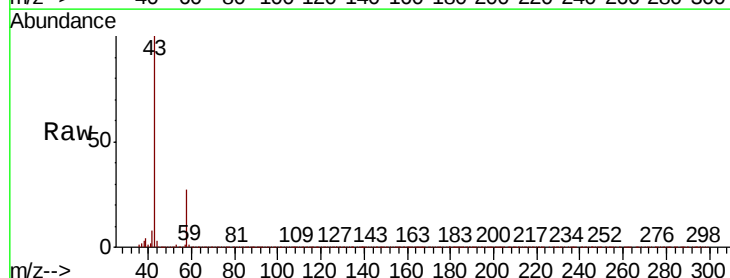
Delta R.T. 0.00 min

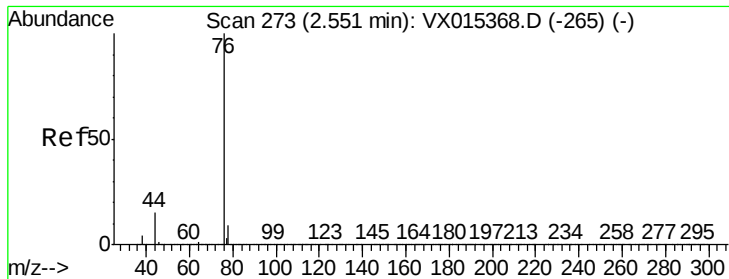
Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Tgt Ion: 43 Resp: 1625804

Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.1	33.1

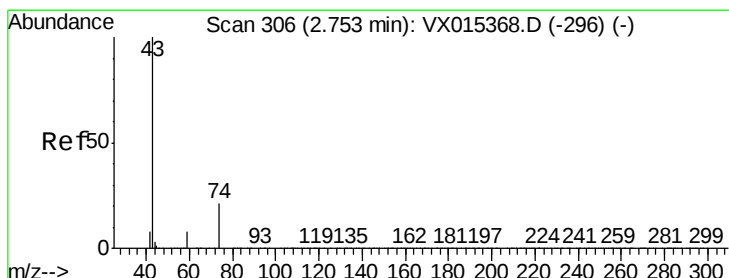
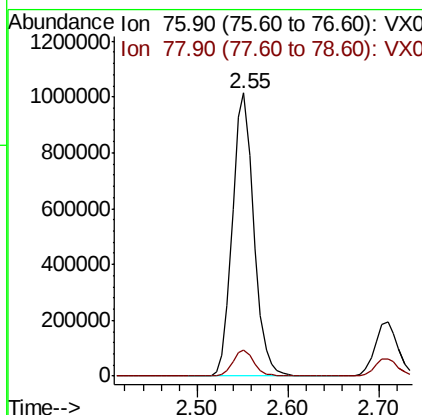
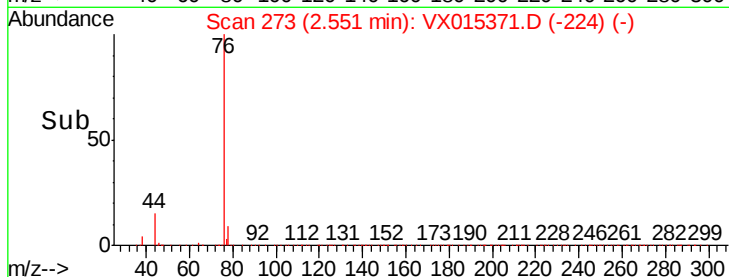
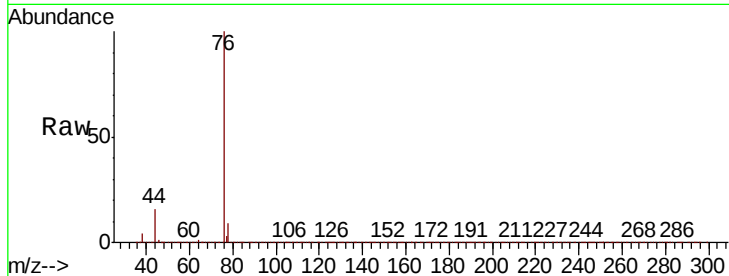




#17
Carbon Disulfide
Concen: 50.410 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

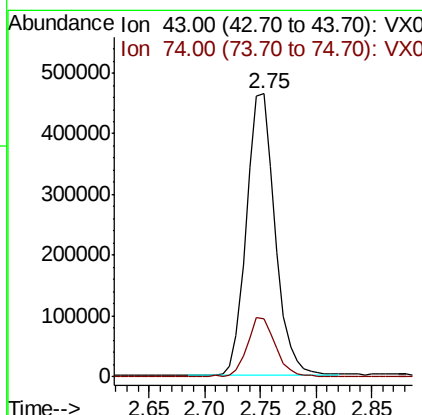
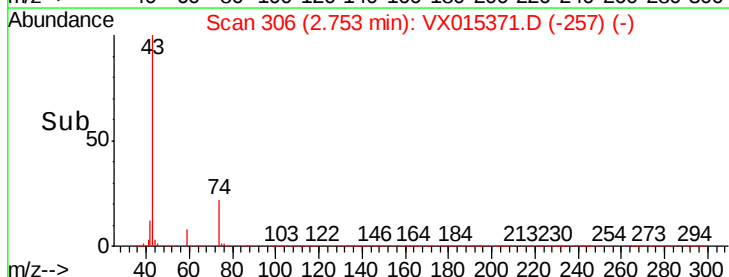
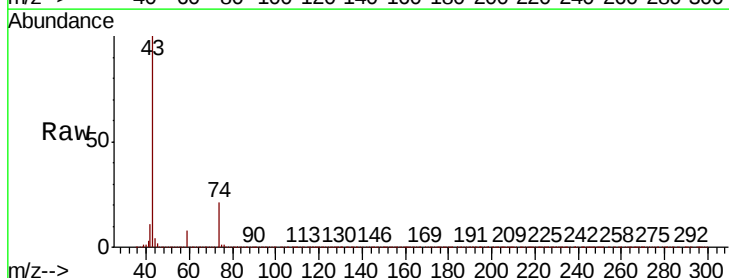
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032720

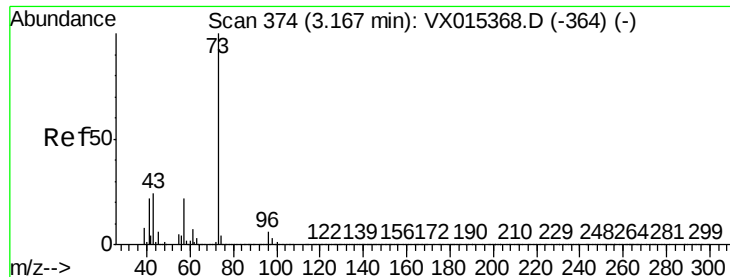
Tot Ion: 76 Resp: 1660101
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 47.029 ug/l
RT: 2.75 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion: 43 Resp: 831644
Ion Ratio Lower Upper
43 100
74 21.3 16.5 24.7

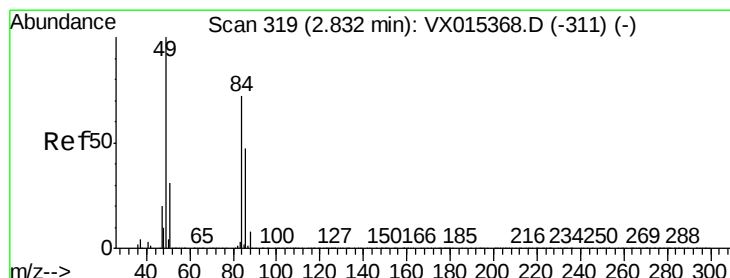
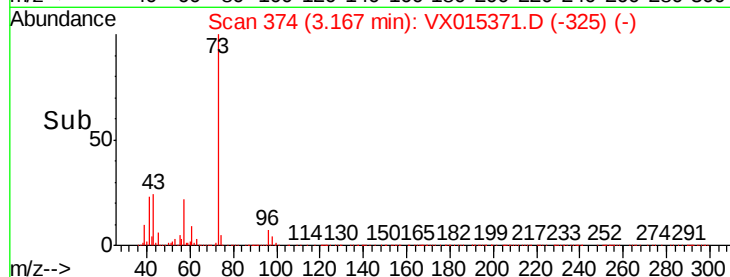
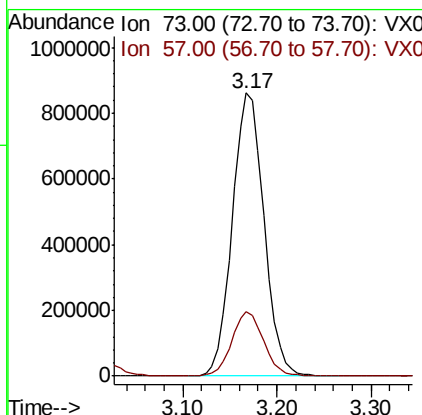
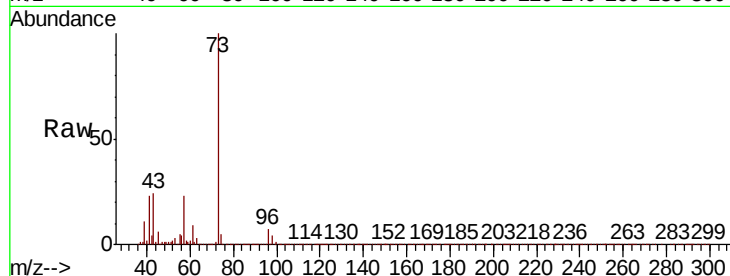




#19
Methyl tert-butyl Ether
Concen: 48.121 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

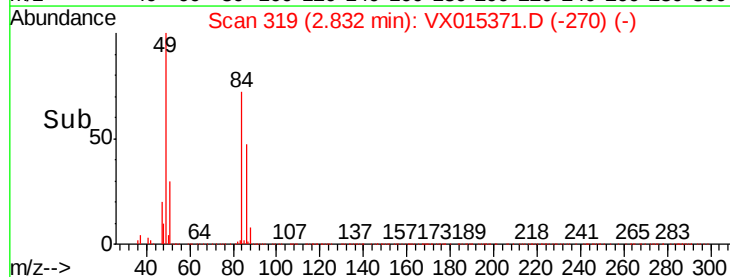
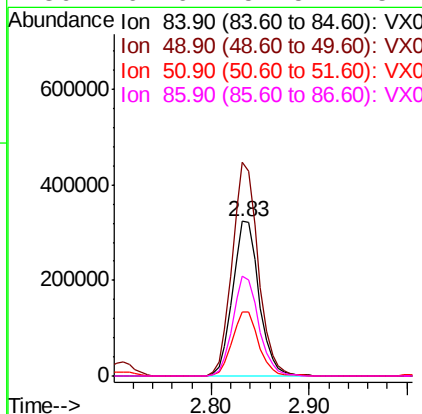
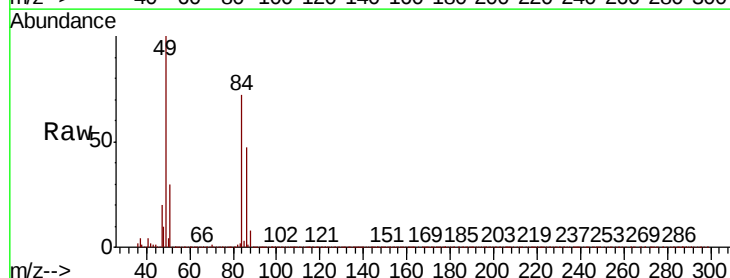
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032720

Tot Ion: 73 Resp: 2014769
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9



#20
Methylene Chloride
Concen: 46.727 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion: 84 Resp: 604722
Ion Ratio Lower Upper
84 100
49 137.9 111.3 166.9
51 41.6 34.0 51.0
86 64.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.939 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032720

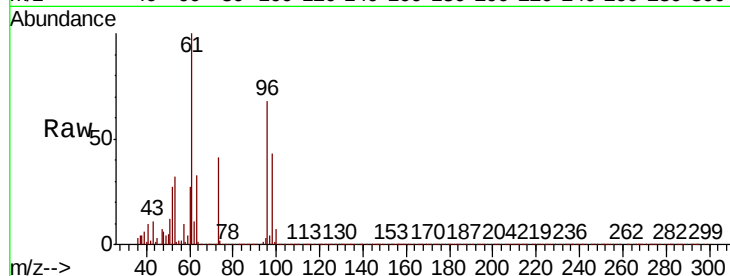
Tot Ion: 96 Resp: 586333

Ion Ratio Lower Upper

96 100

61 147.2 116.9 175.3

98 63.9 48.6 73.0

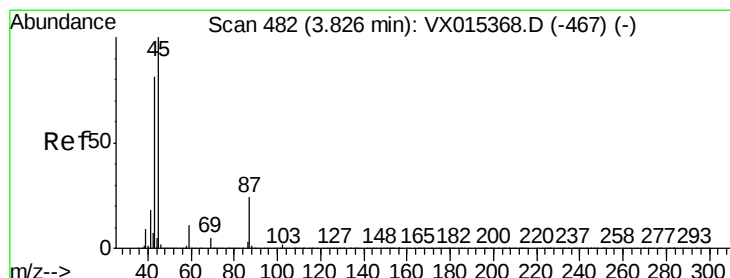
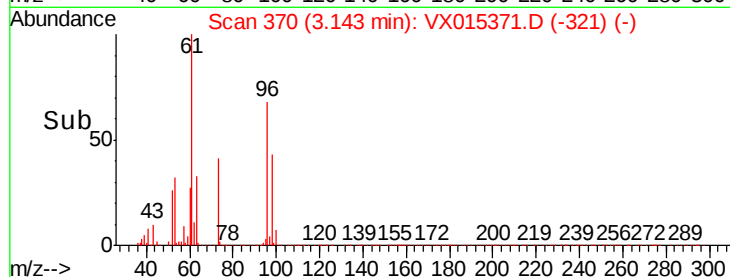
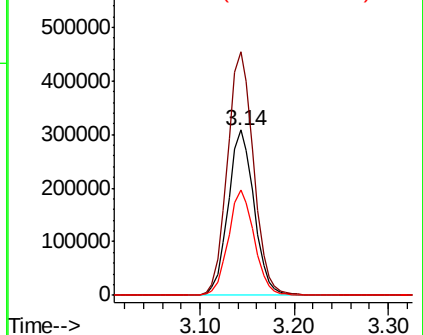


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.701 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Tgt Ion: 45 Resp: 2176793

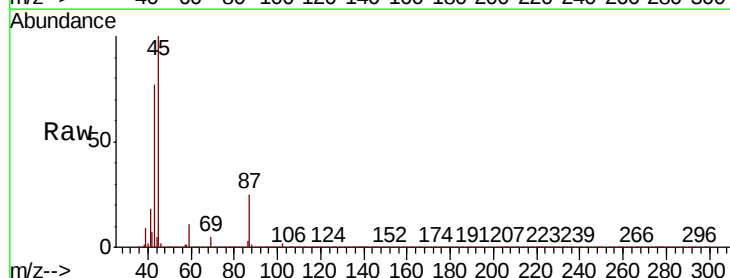
Ion Ratio Lower Upper

45 100

43 76.6 64.7 97.1

87 24.5 19.4 29.0

59 10.7 8.7 13.1



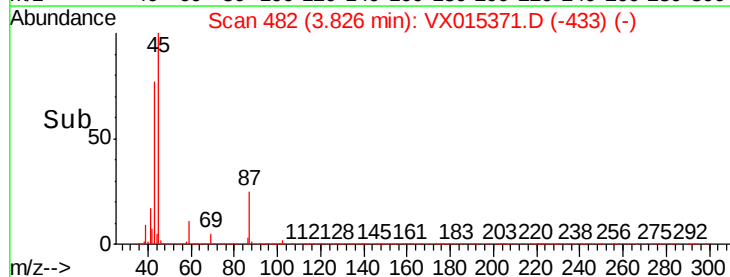
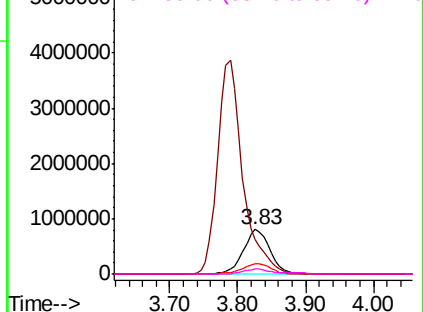
Abundance

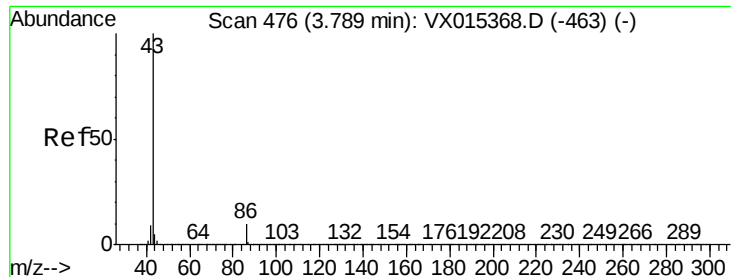
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 244.769 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

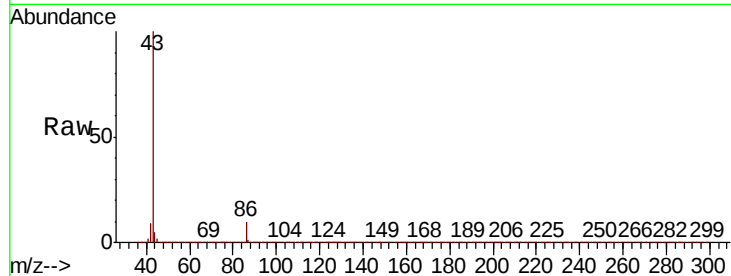
ICVVX032720

Tot Ion: 43 Resp: 9905574

Ion Ratio Lower Upper

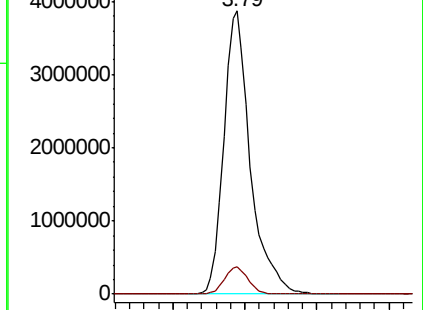
43 100

86 9.5 7.8 11.6

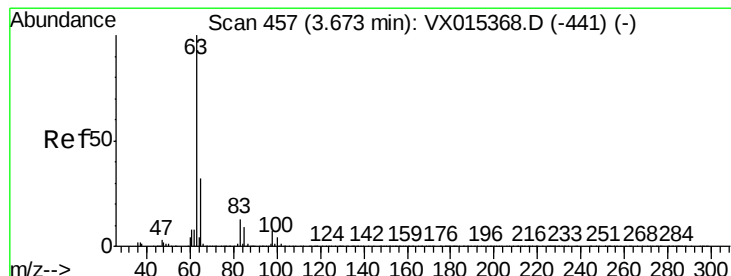
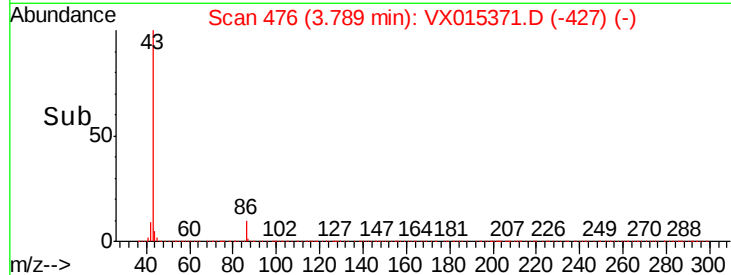


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 47.103 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

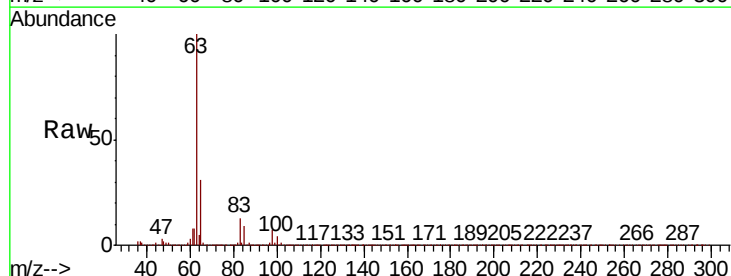
Tgt Ion: 63 Resp: 1108513

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

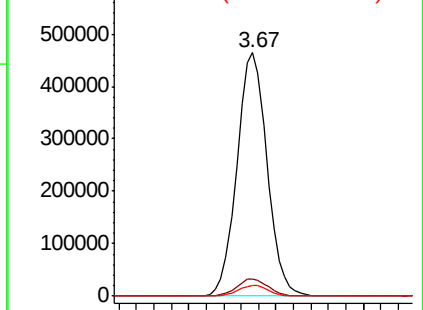
100 4.4 2.1 6.5



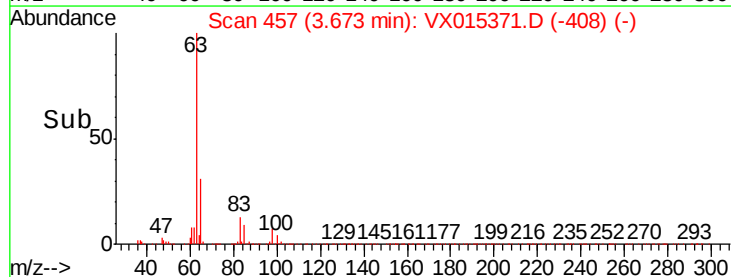
Abundance Ion 62.90 (62.60 to 63.60): VX0

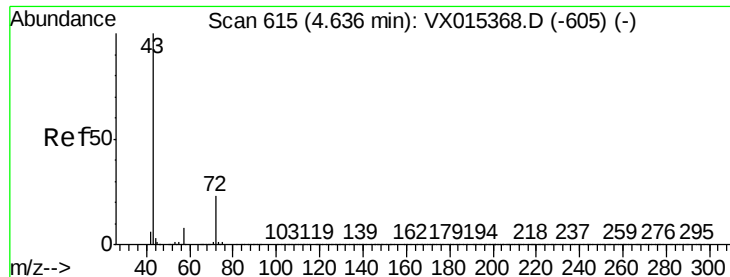
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->

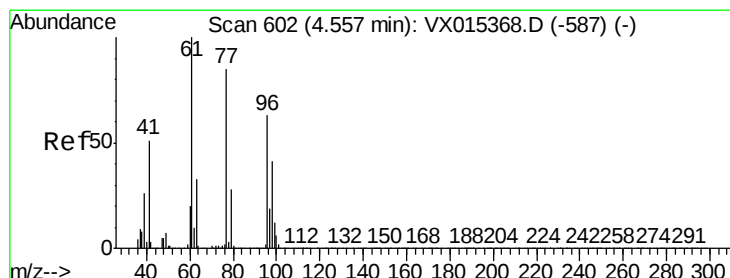
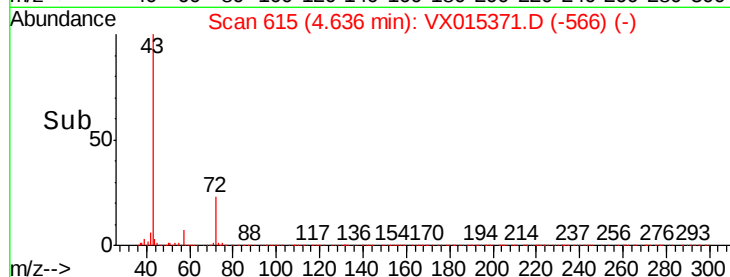
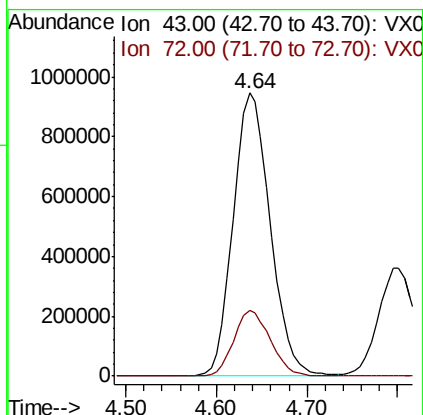
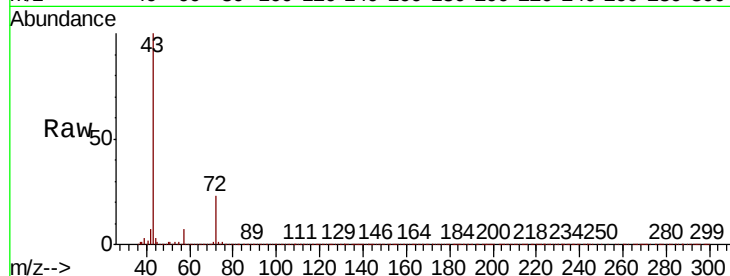




#25
2-Butanone
Concen: 238.357 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

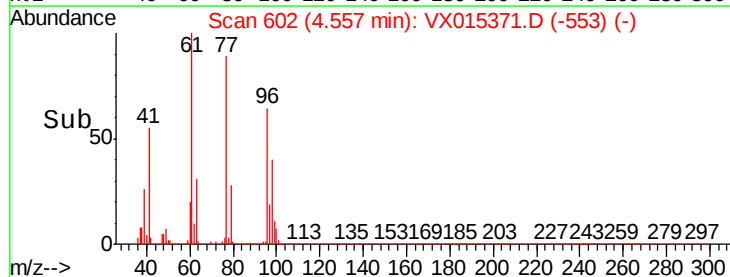
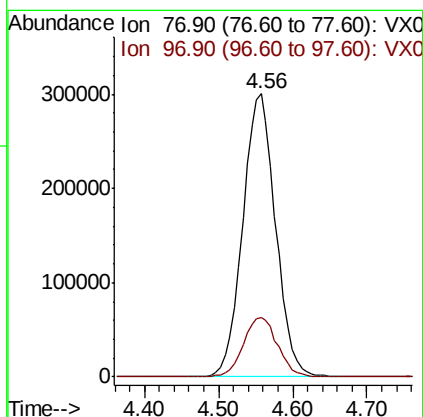
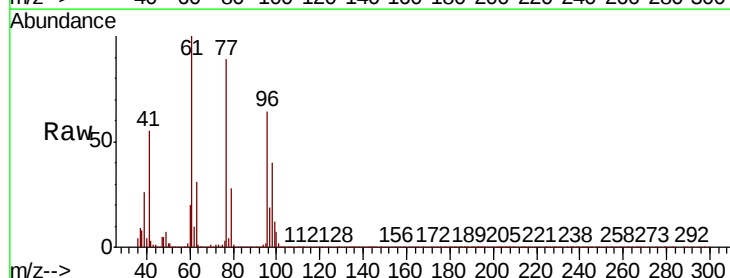
Instrument :
MSVOA_X
ClientSampled :
ICVVX032720

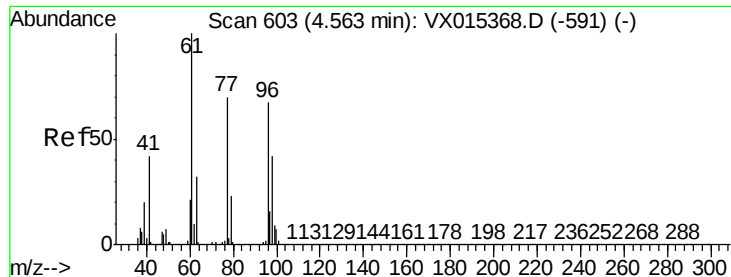
Tot Ion: 43 Resp: 2655916
Ion Ratio Lower Upper
43 100
72 23.1 19.0 28.4



#26
2,2-Dichloropropane
Concen: 47.779 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion: 77 Resp: 922951
Ion Ratio Lower Upper
77 100
97 21.4 11.3 33.8



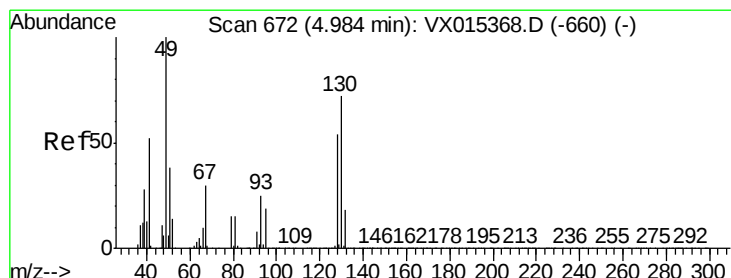
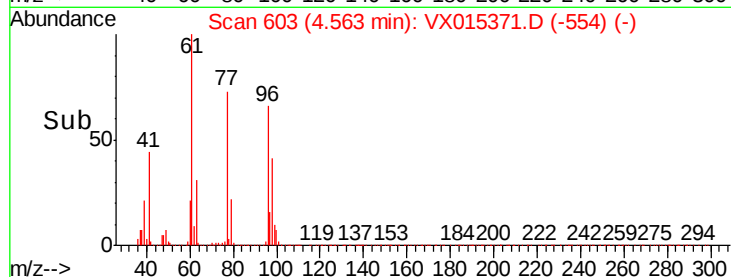
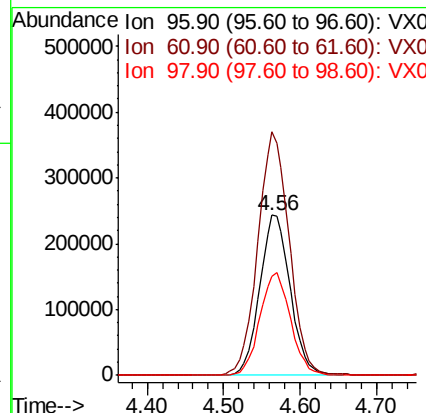
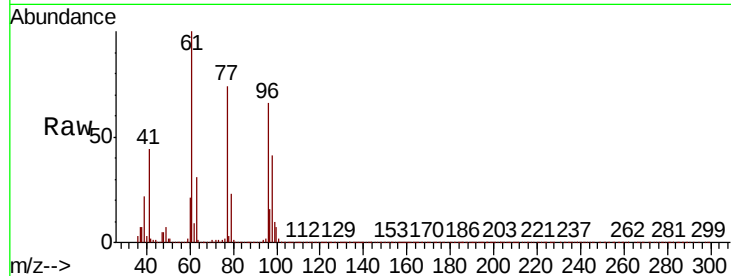


#27

cis-1,2-Dichloroethene
 Concen: 48.581 ug/l
 RT: 4.56 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VX015371.D
 Acq: 26 Mar 2020 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032720

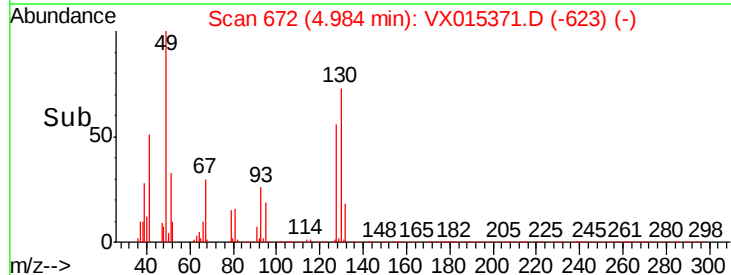
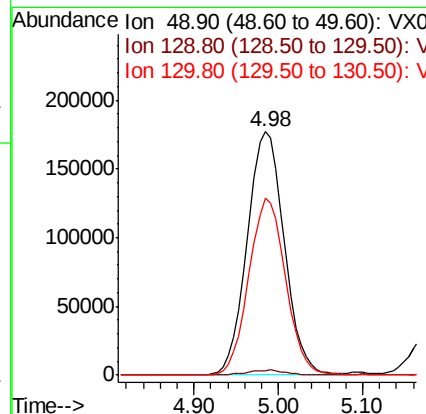
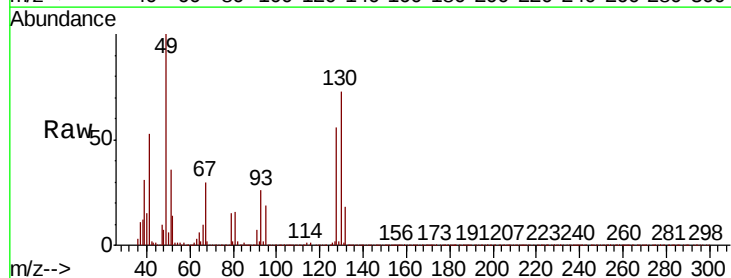
Tot Ion	Ratio	Lower	Upper
96	100		
61	156.9	0.0	308.4
98	64.6	0.0	129.2

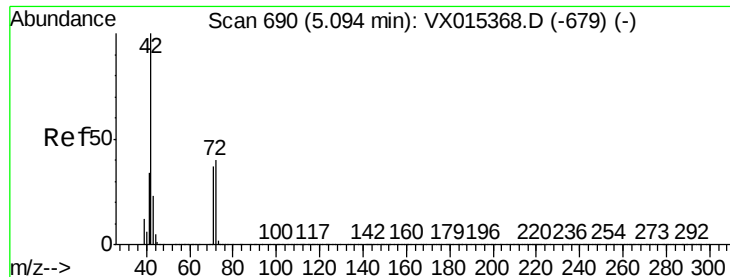


#28

Bromochloromethane
 Concen: 47.036 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: VX015371.D
 Acq: 26 Mar 2020 21:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	72.4	57.7	86.5





#29

Tetrahydrofuran

Concen: 238.947 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

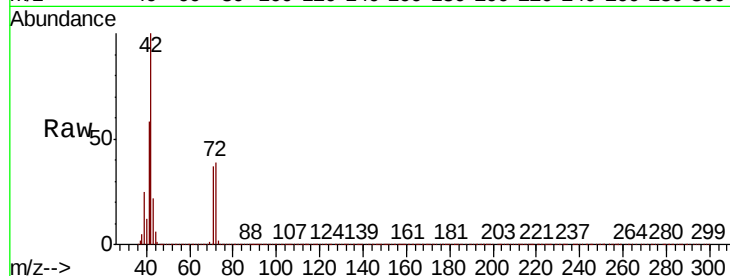
MSVOA_X

ClientSampleId :

ICVVX032720

Tot Ion: 42 Resp: 1711647

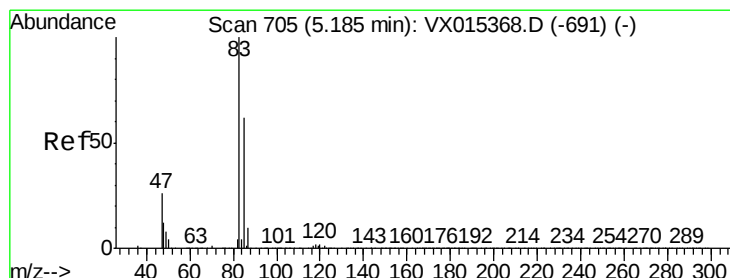
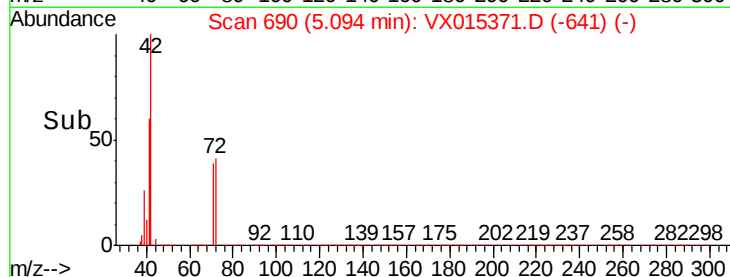
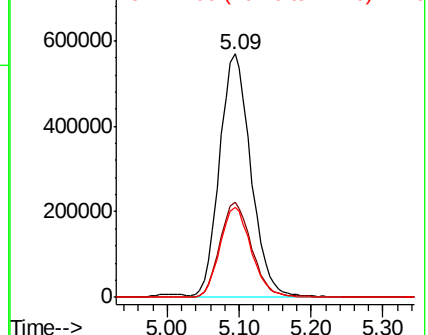
Ion	Ratio	Lower	Upper
42	100		
72	40.0	31.7	47.5
71	36.9	29.6	44.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.335 ug/l

RT: 5.18 min Scan# 704

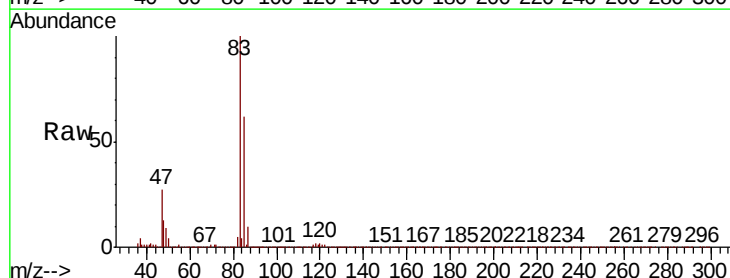
Delta R.T. -0.01 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

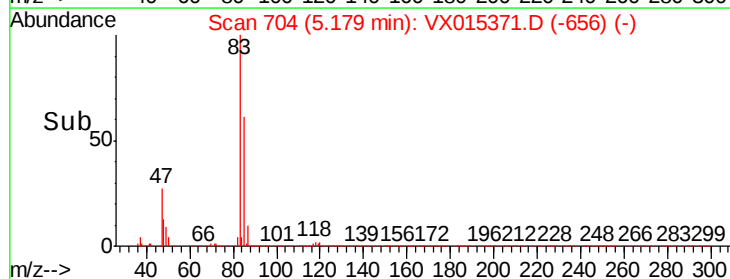
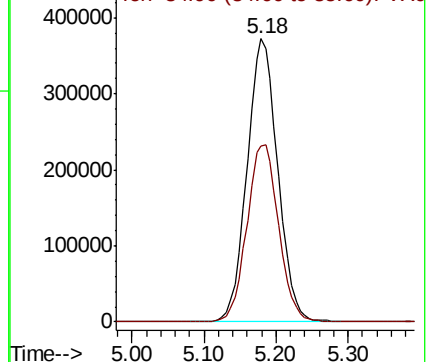
Tgt Ion: 83 Resp: 1094381

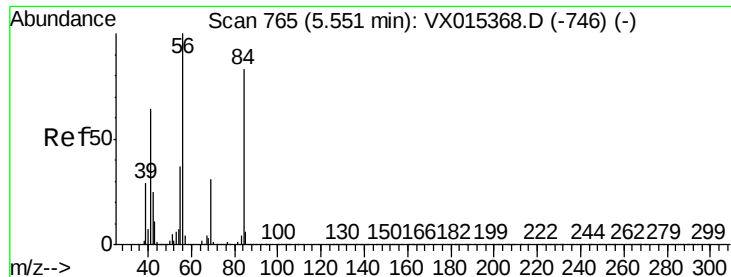
Ion	Ratio	Lower	Upper
83	100		
85	61.9	49.5	74.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

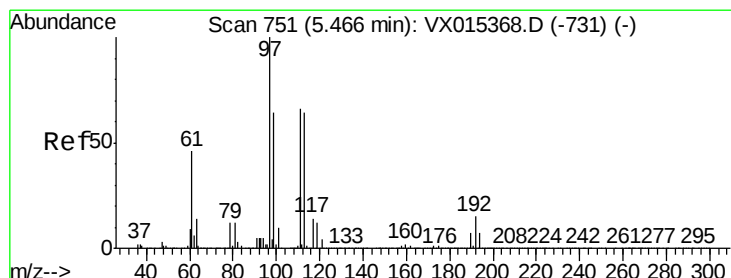
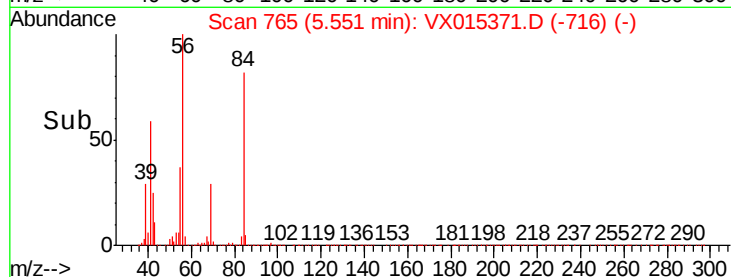
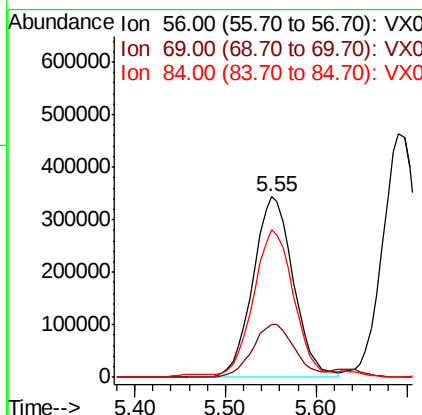
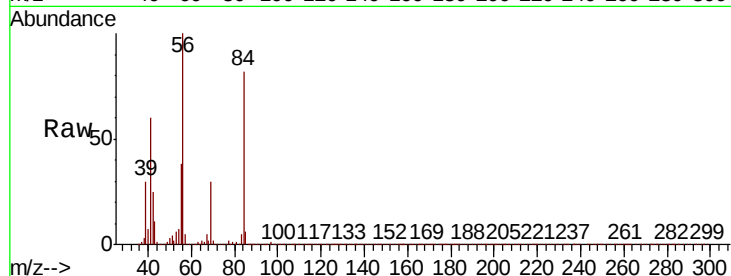




#31
Cyclohexane
Concen: 51.608 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

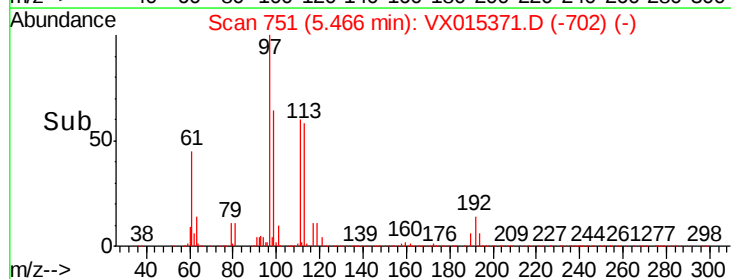
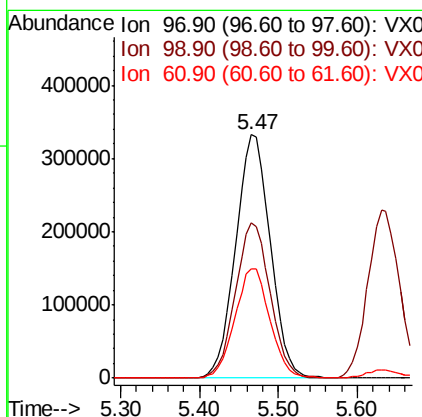
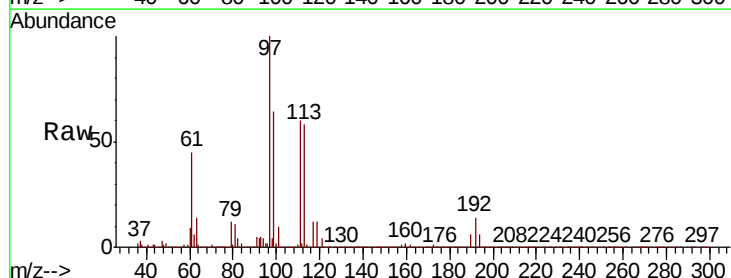
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032720

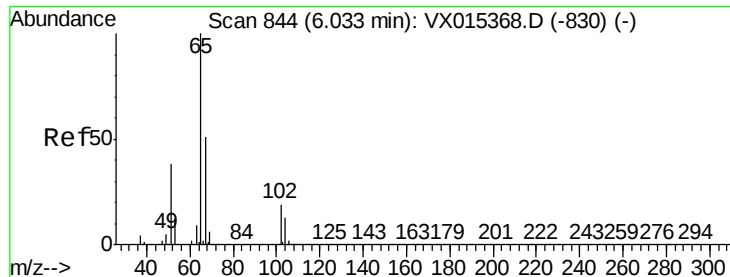
Tot Ion: 56 Resp: 1053603
Ion Ratio Lower Upper
56 100
69 29.3 24.6 36.8
84 80.1 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 49.481 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion: 97 Resp: 1013895
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 45.3 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 46.724 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

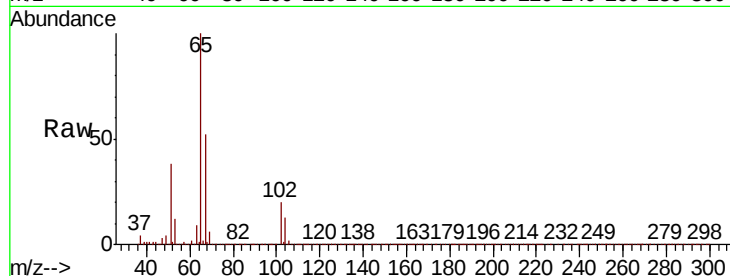
ICVVX032720

Tot Ion: 65 Resp: 753520

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

300000

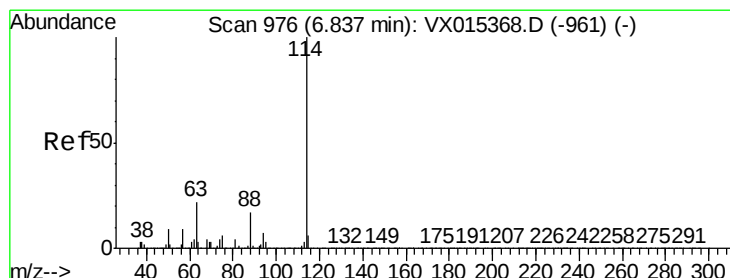
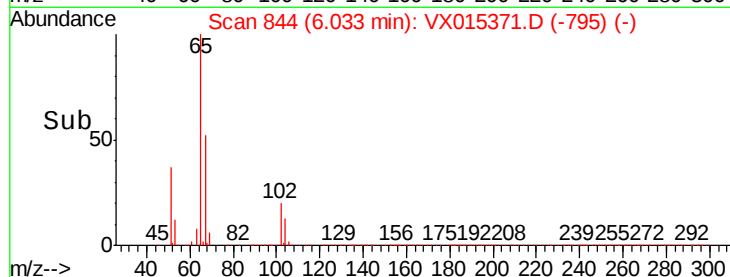
200000

100000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

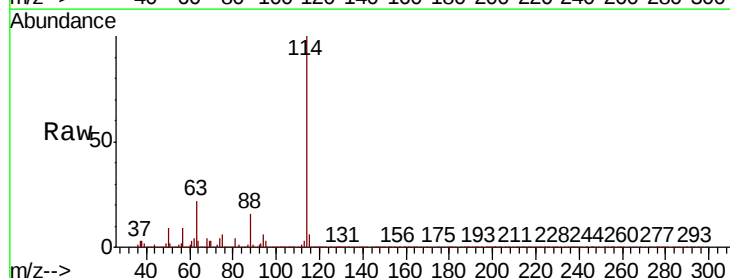
Tgt Ion: 114 Resp: 1787773

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.2

88 16.2 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

1000000

800000

600000

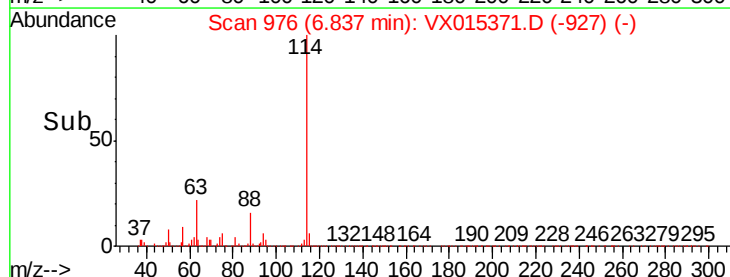
400000

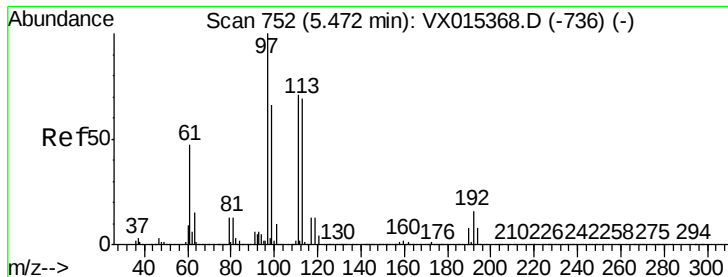
200000

0

Time-->

6.70 6.80 6.90

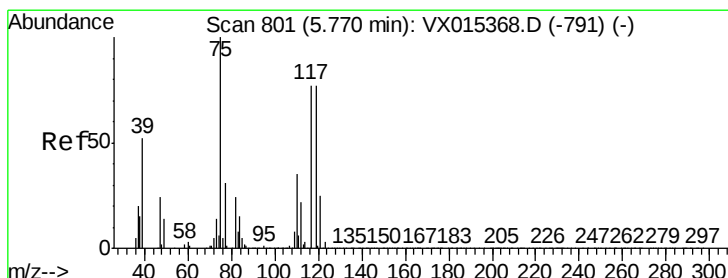
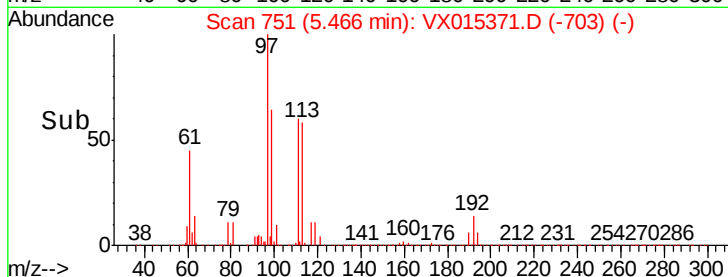
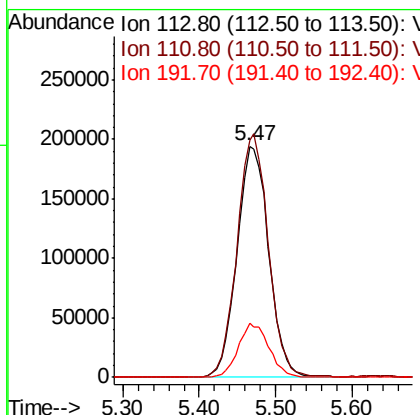
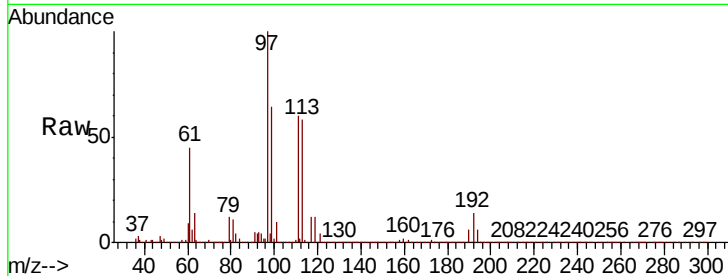




#35
Dibromofluoromethane
Concen: 48.763 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

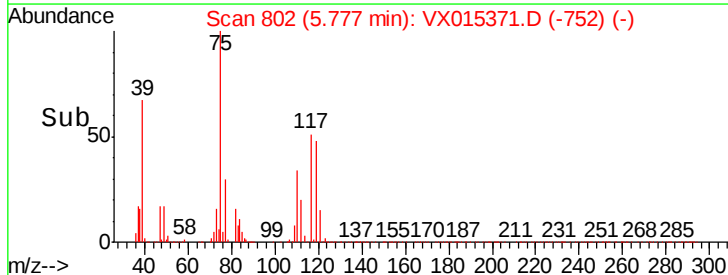
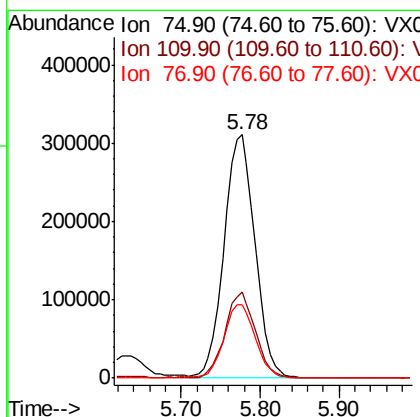
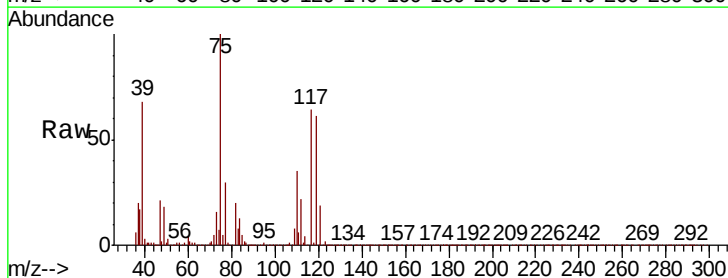
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032720

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.5	122.3
192	22.8	17.8	26.6



#36
1,1-Dichloropropene
Concen: 51.223 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.1	51.3
77	30.8	24.6	36.8

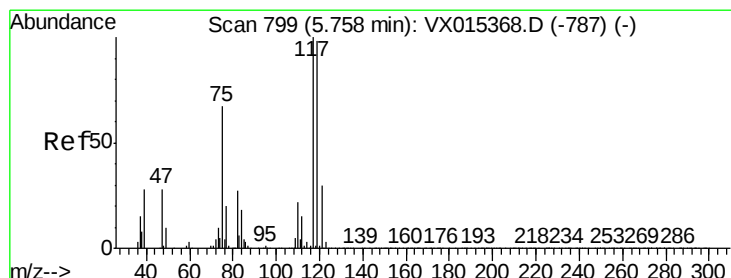
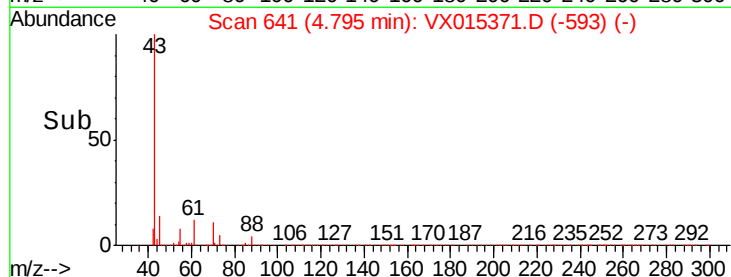
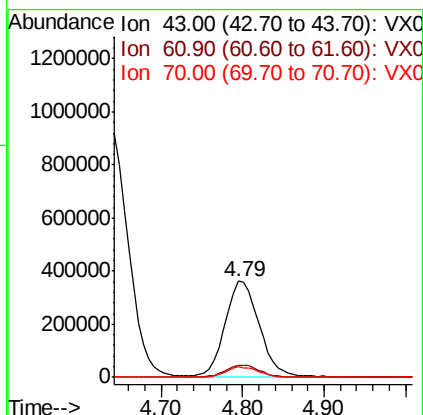
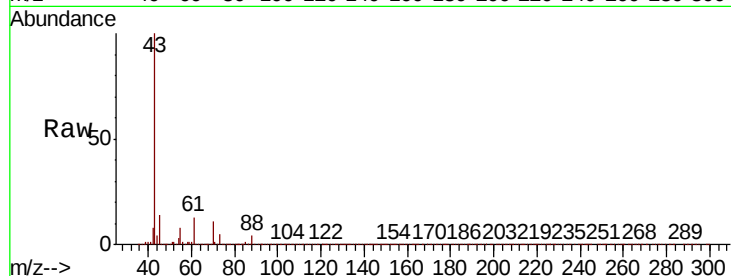




#37
Ethyl Acetate
Concen: 48.718 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

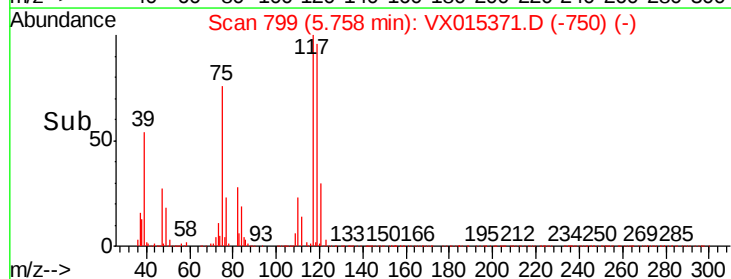
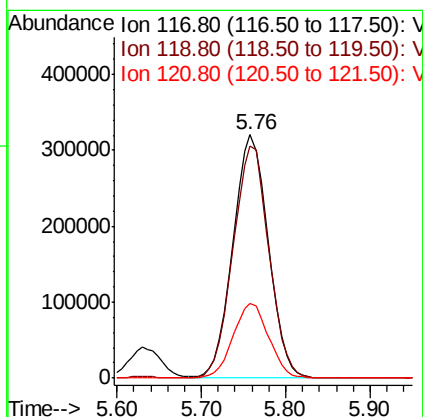
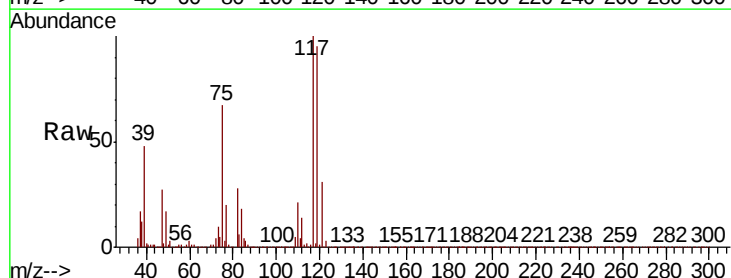
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032720

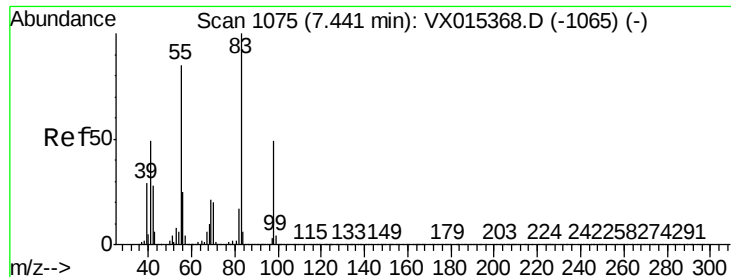
Tot Ion: 43 Resp: 1044907
Ion Ratio Lower Upper
43 100
61 12.4 9.9 14.9
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 51.001 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion: 117 Resp: 909922
Ion Ratio Lower Upper
117 100
119 95.3 78.0 117.0
121 30.6 23.8 35.8

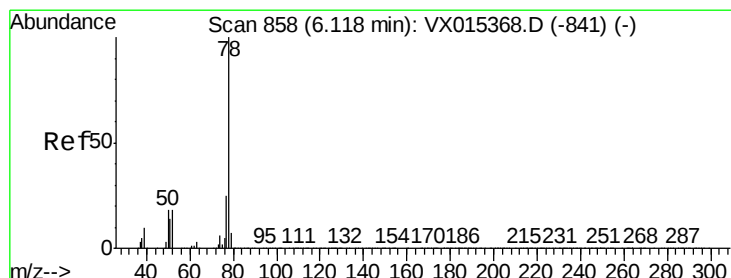
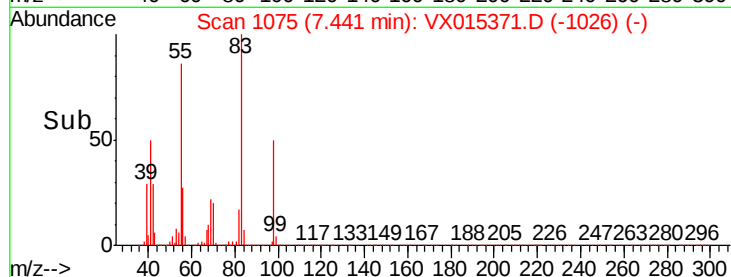
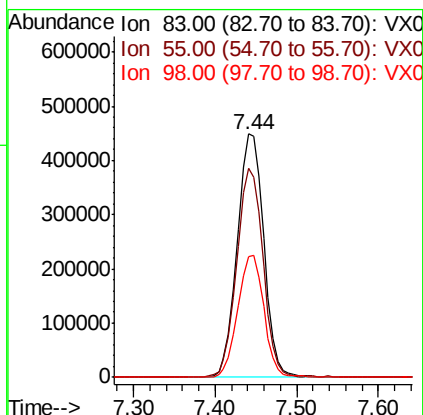
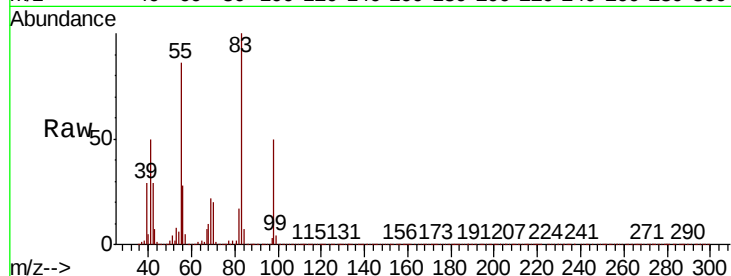




#39
Methvlcvclohexane
Concen: 53.096 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

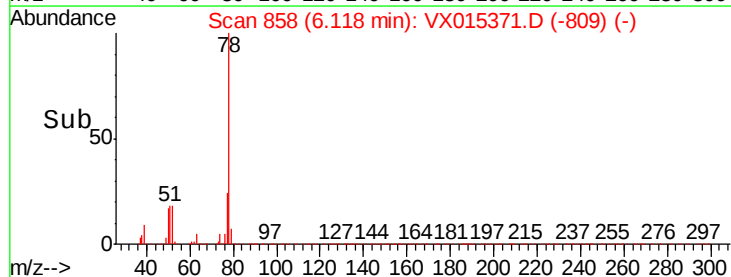
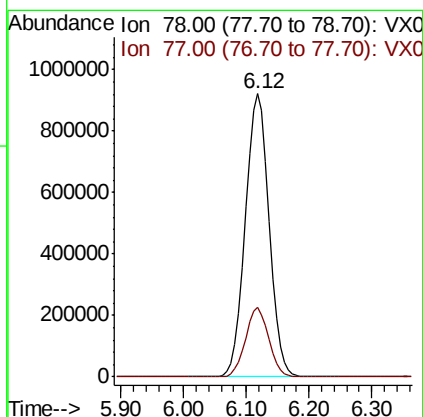
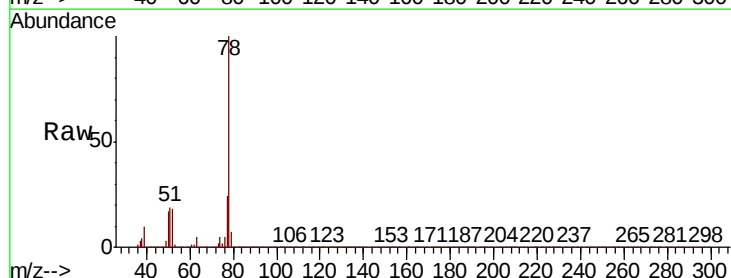
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032720

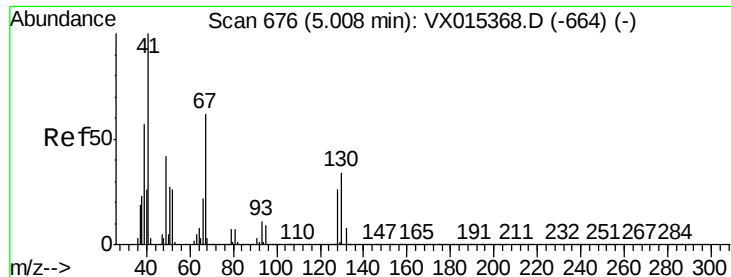
Tot Ion: 83 Resp: 1008432
Ion Ratio Lower Upper
83 100
55 85.7 67.8 101.6
98 49.6 39.3 58.9



#40
Benzene
Concen: 49.871 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion: 78 Resp: 2406401
Ion Ratio Lower Upper
78 100
77 24.4 19.8 29.8

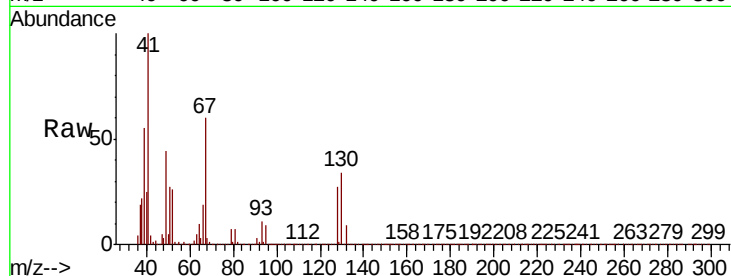




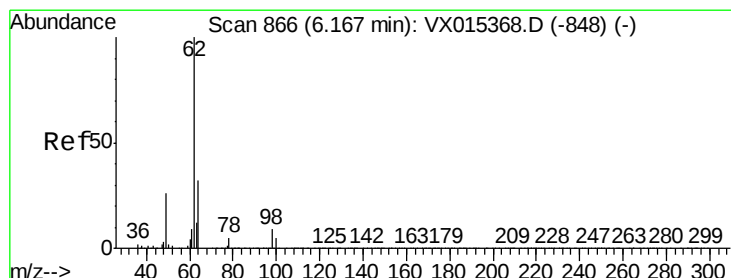
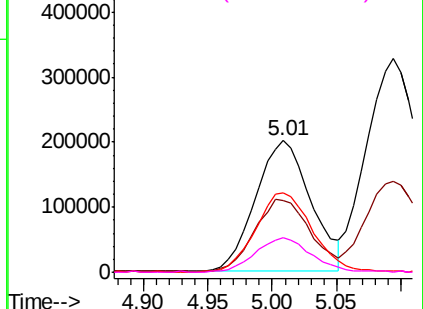
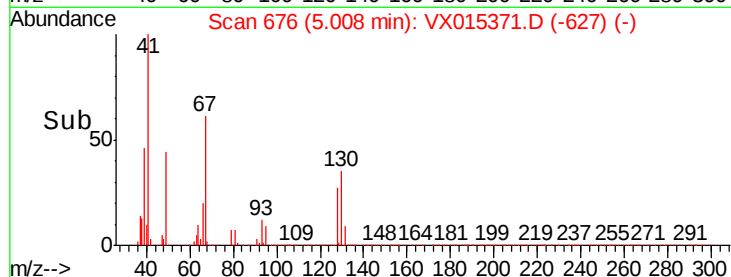
#41
Methacrylonitrile
Concen: 50.375 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032720

Tot Ion:	41	Resp:	599776
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.5	66.7
67	61.4	48.9	73.3
52	25.8	21.8	32.6

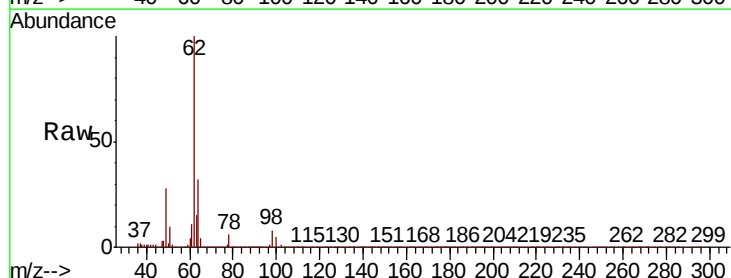


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

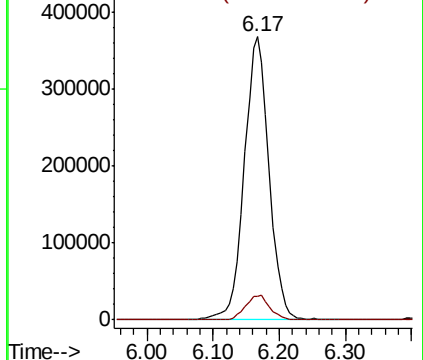
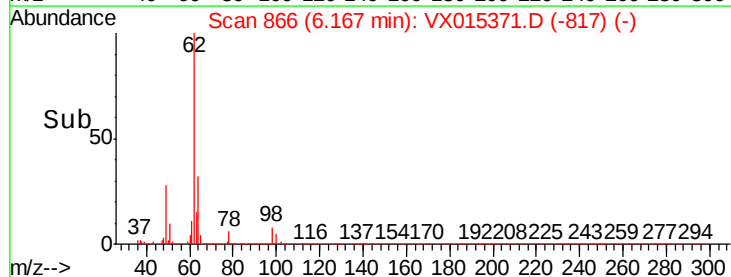


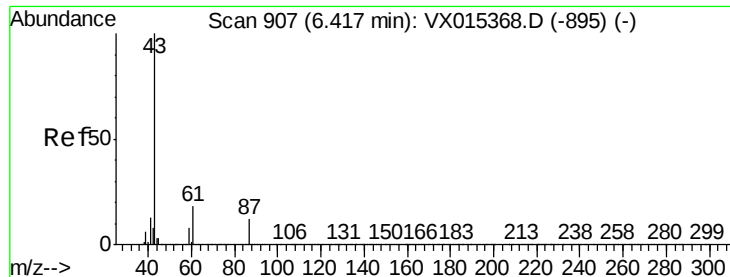
#42
1,2-Dichloroethane
Concen: 49.271 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion:	62	Resp:	954971
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



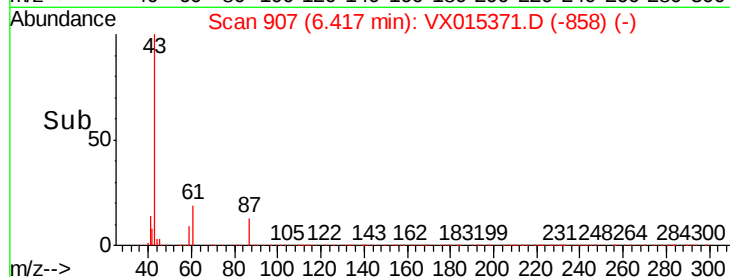
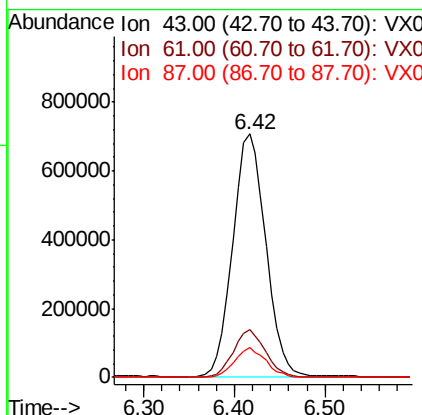
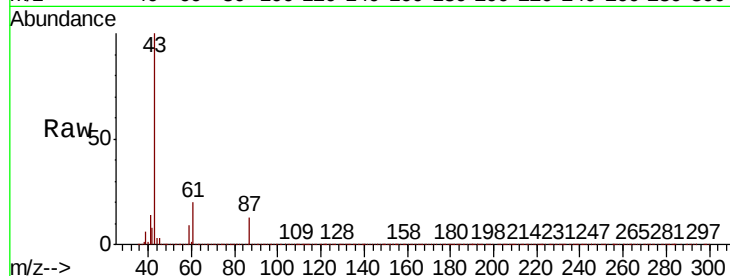


#43

Isopropyl Acetate
 Concen: 49.164 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015371.D
 Acq: 26 Mar 2020 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032720

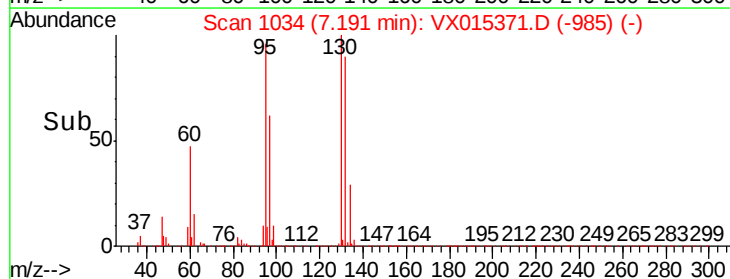
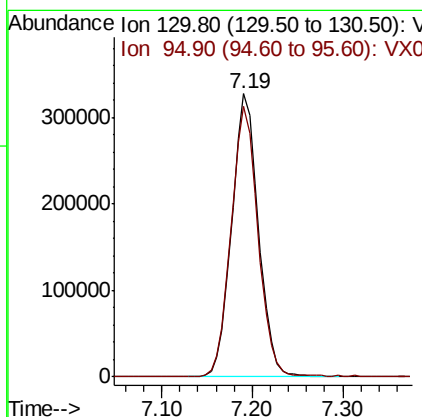
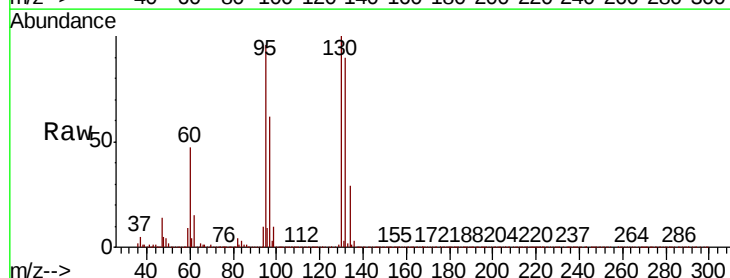
Tot Ion: 43 Resp: 1780069
 Ion Ratio Lower Upper
 43 100
 61 19.2 14.8 22.2
 87 11.7 9.4 14.0

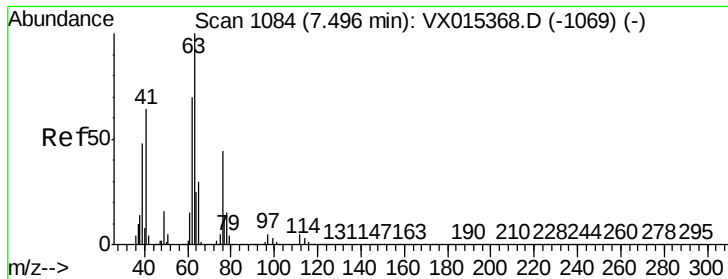


#44

Trichloroethene
 Concen: 50.845 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015371.D
 Acq: 26 Mar 2020 21:46

Tgt Ion: 130 Resp: 669099
 Ion Ratio Lower Upper
 130 100
 95 95.7 0.0 199.0

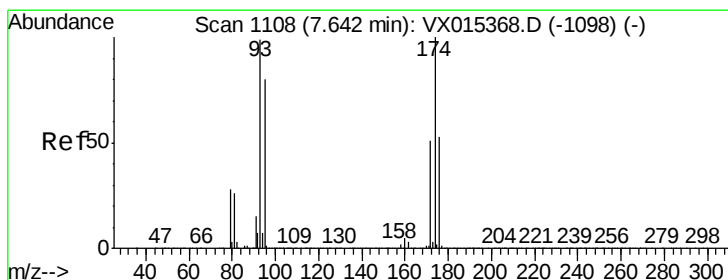
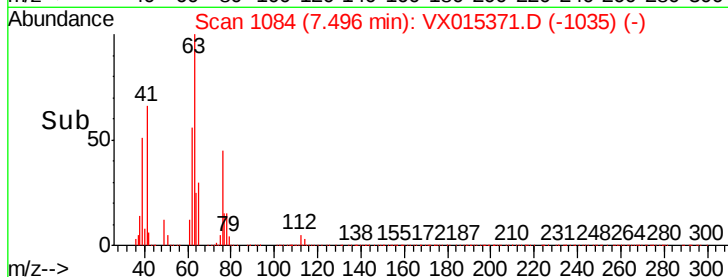
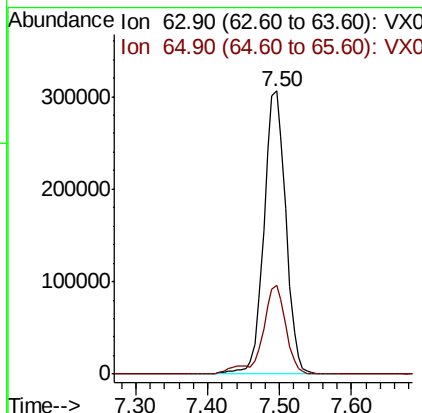
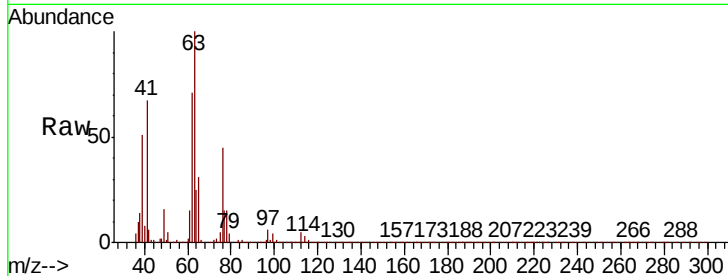




#45
 1,2-Dichloropropane
 Concen: 48.825 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015371.D
 Acq: 26 Mar 2020 21:46

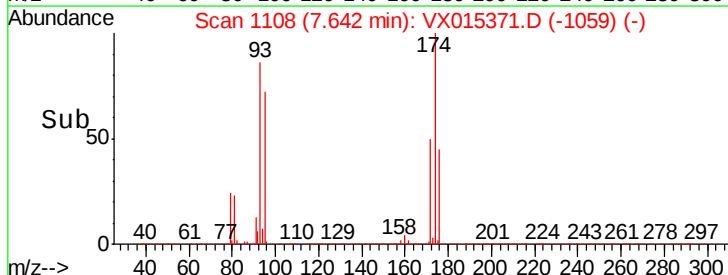
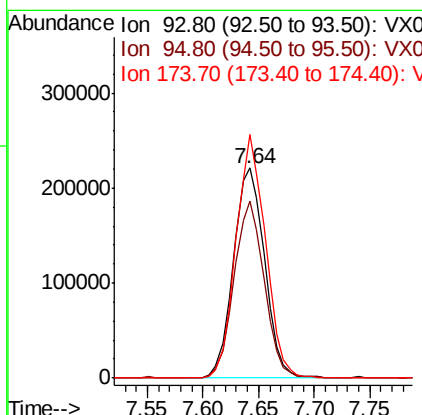
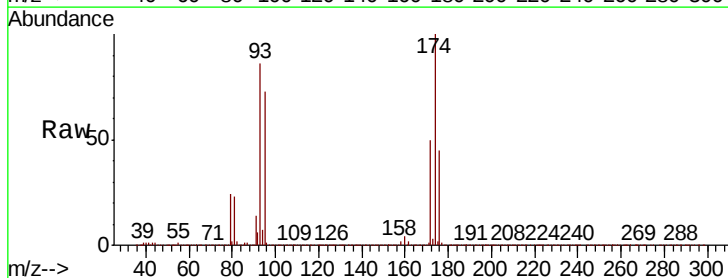
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032720

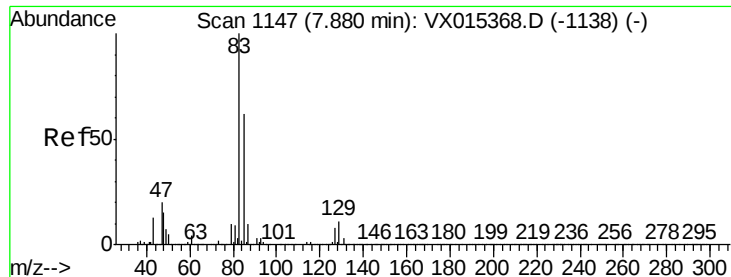
Tot Ion: 63 Resp: 644488
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.9 35.9



#46
 Dibromomethane
 Concen: 49.180 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015371.D
 Acq: 26 Mar 2020 21:46

Tgt Ion: 93 Resp: 425842
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.8 98.8
 174 110.8 86.2 129.2





#47

Bromodichloromethane

Concen: 49.777 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032720

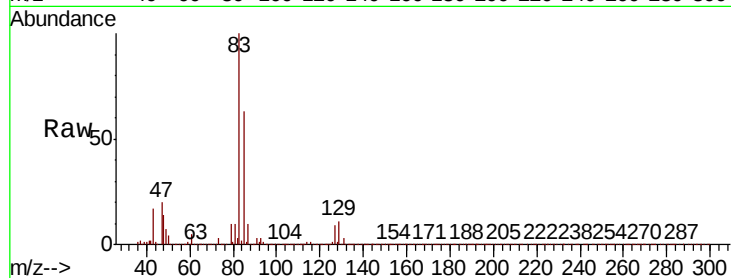
Tot Ion: 83 Resp: 918402

Ion Ratio Lower Upper

83 100

85 62.4 49.7 74.5

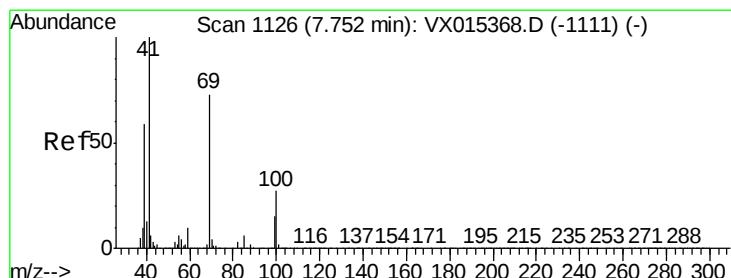
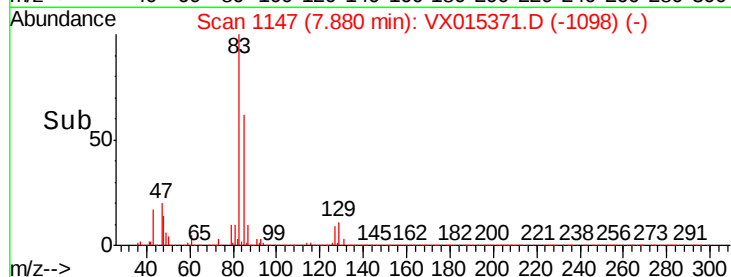
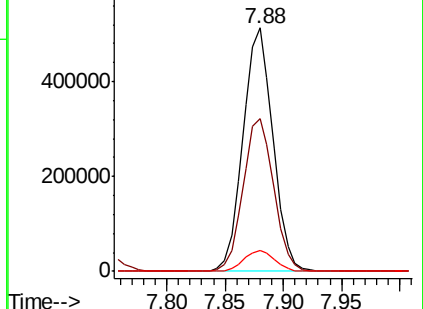
127 8.7 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.232 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

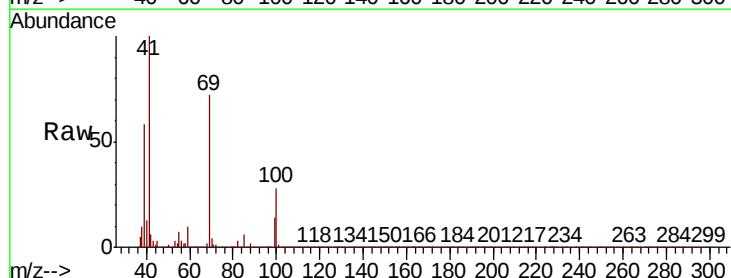
Tgt Ion: 41 Resp: 890355

Ion Ratio Lower Upper

41 100

69 70.9 56.7 85.1

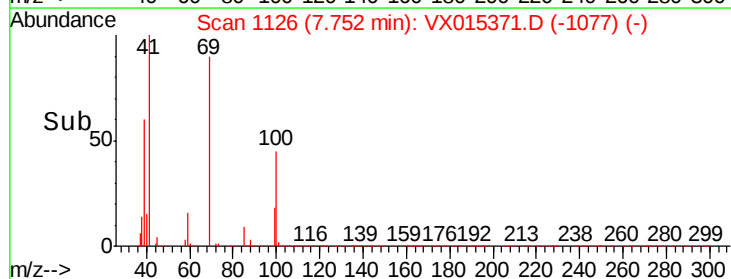
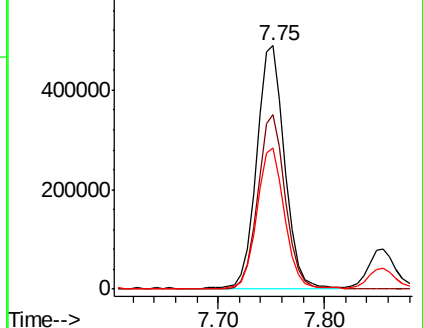
39 57.4 46.5 69.7

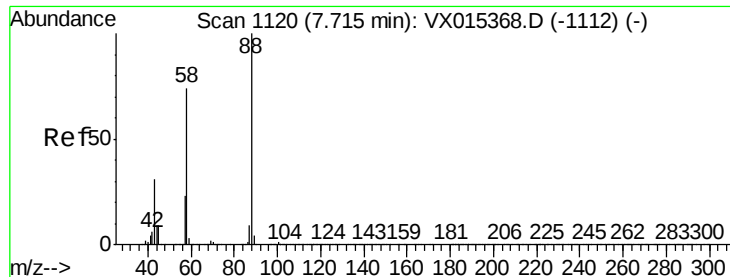


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 998.549 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032720

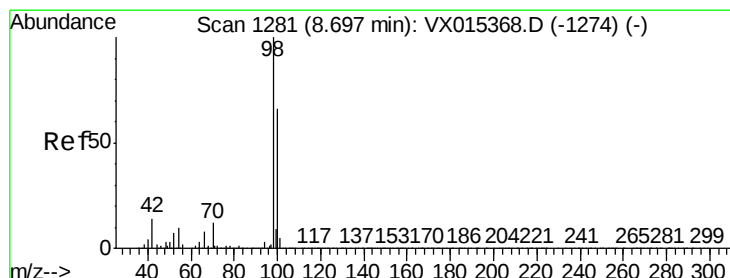
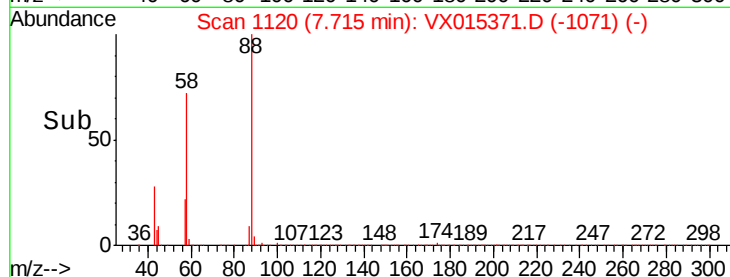
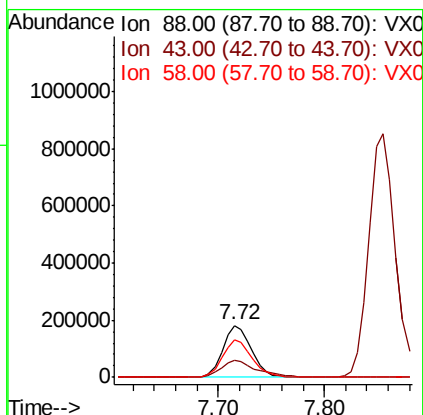
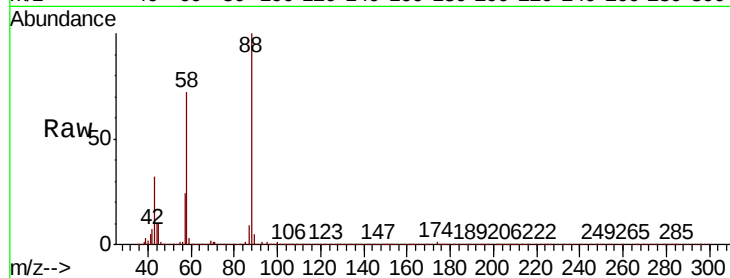
Tot Ion: 88 Resp: 336883

Ion Ratio Lower Upper

88 100

43 37.5 30.1 45.1

58 74.5 60.6 90.8



#50

Toluene-d8

Concen: 49.356 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015371.D

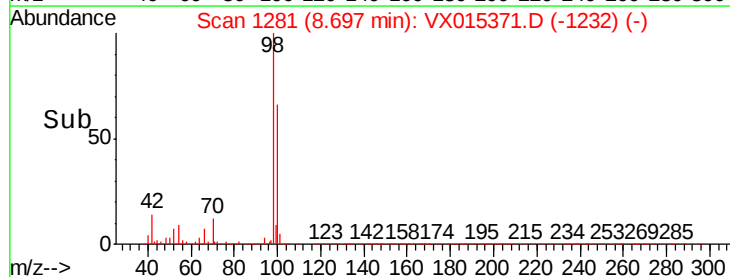
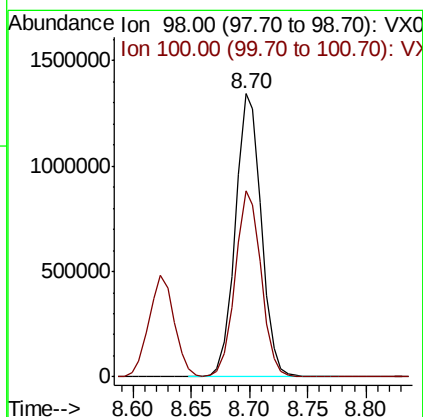
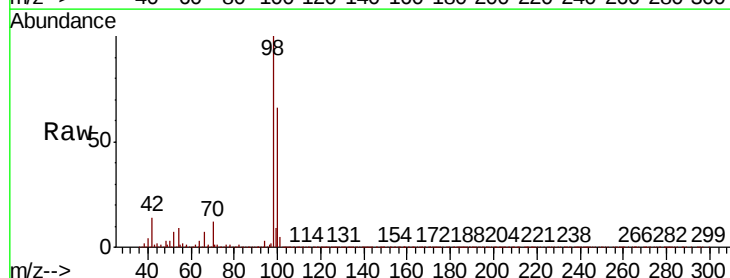
Acq: 26 Mar 2020 21:46

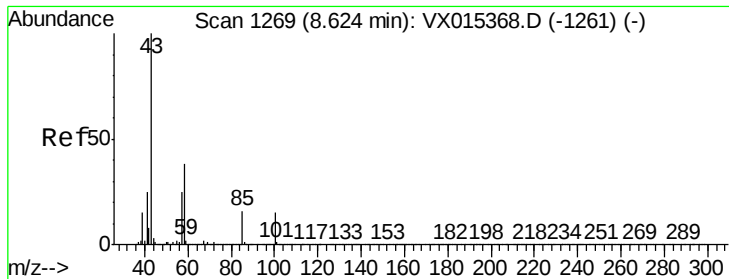
Tgt Ion: 98 Resp: 2076639

Ion Ratio Lower Upper

98 100

100 65.9 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 247.458 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

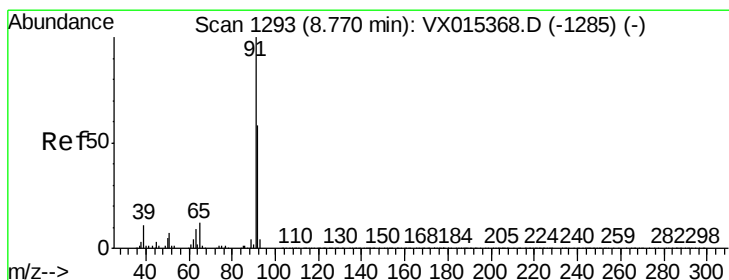
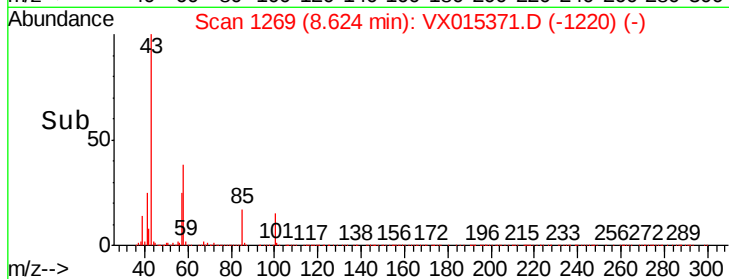
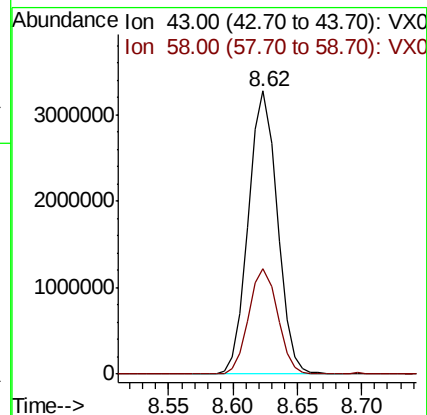
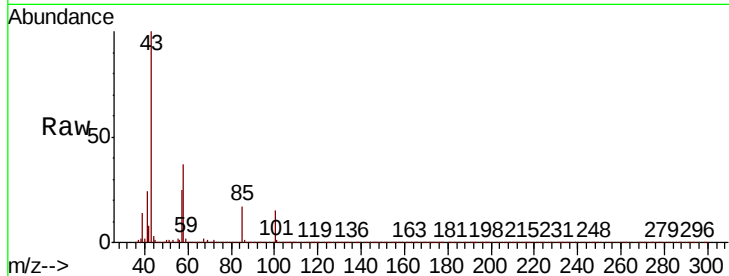
ICVVX032720

Tot Ion: 43 Resp: 5077616

Ion Ratio Lower Upper

43 100

58 37.3 29.7 44.5



#52

Toluene

Concen: 50.577 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015371.D

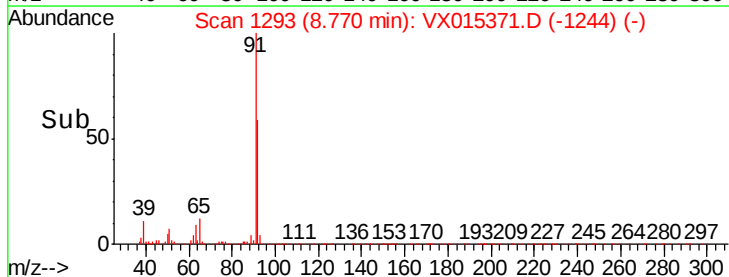
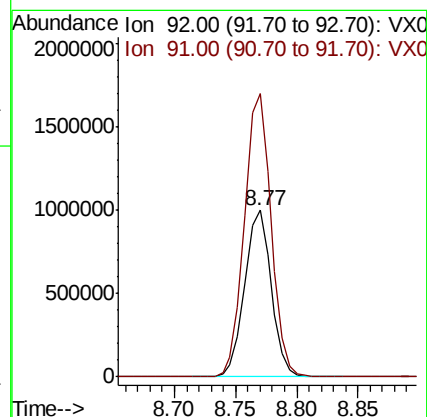
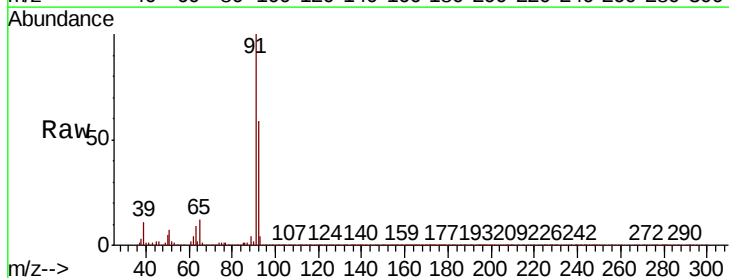
Acq: 26 Mar 2020 21:46

Tgt Ion: 92 Resp: 1504605

Ion Ratio Lower Upper

92 100

91 171.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 48.939 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

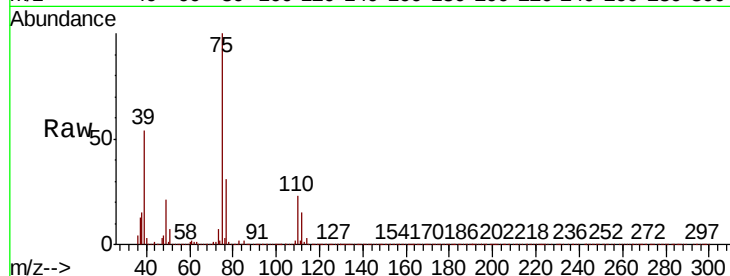
ICVVX032720

Tot Ion: 75 Resp: 1058976

Ion Ratio Lower Upper

75 100

77 31.2 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

800000

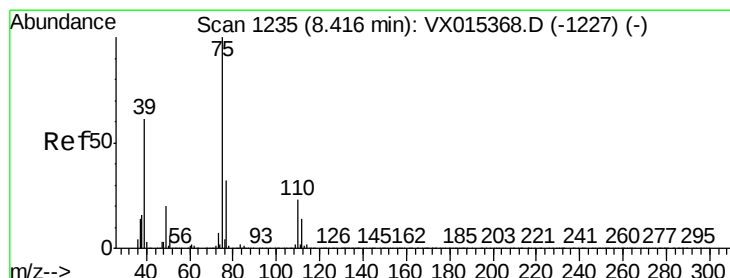
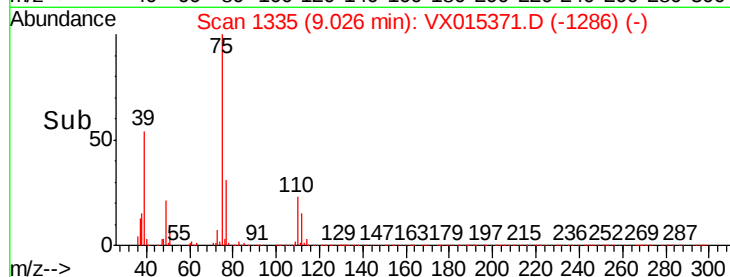
600000

400000

200000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.610 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

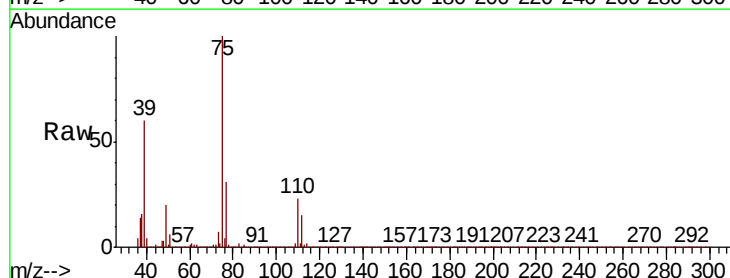
Tgt Ion: 75 Resp: 1093536

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

39 60.2 49.0 73.4



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

8.42

800000

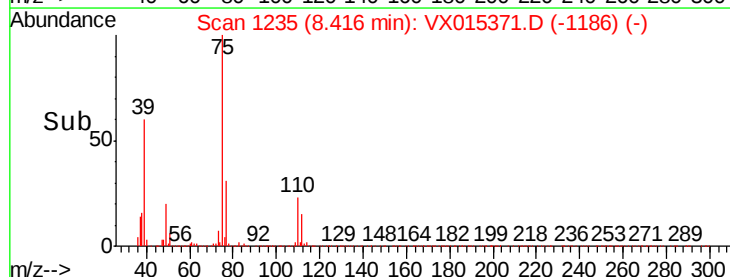
600000

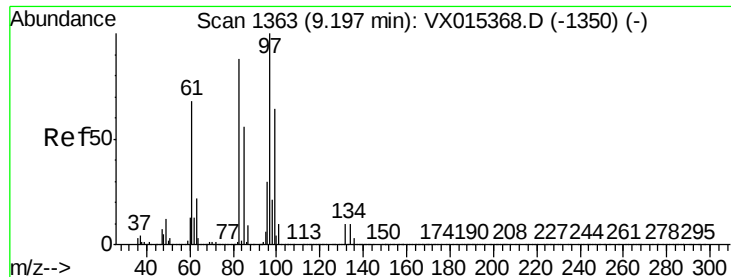
400000

200000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 49.607 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032720

Tot Ion: 97 Resp: 604616

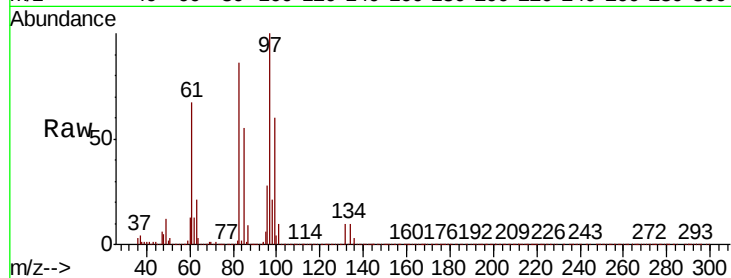
Ion Ratio Lower Upper

97 100

83 86.0 70.2 105.4

85 55.2 44.7 67.1

99 60.1 51.1 76.7

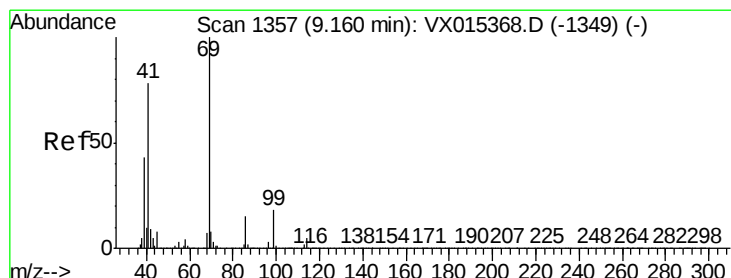
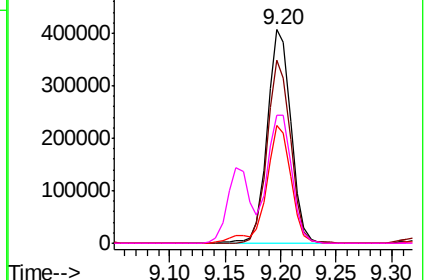
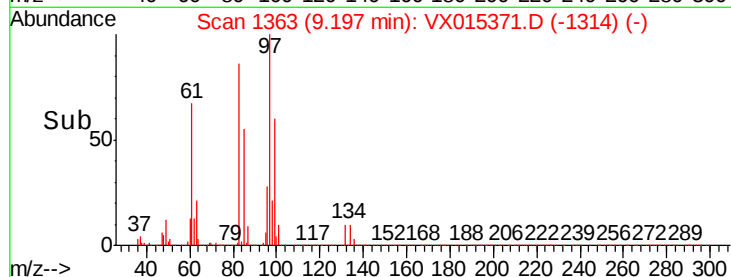


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 49.556 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

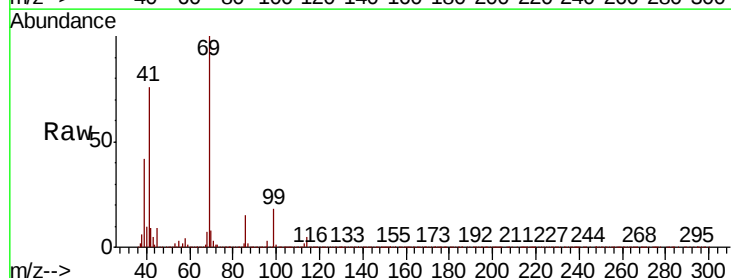
Tgt Ion: 69 Resp: 1064463

Ion Ratio Lower Upper

69 100

41 76.4 61.6 92.4

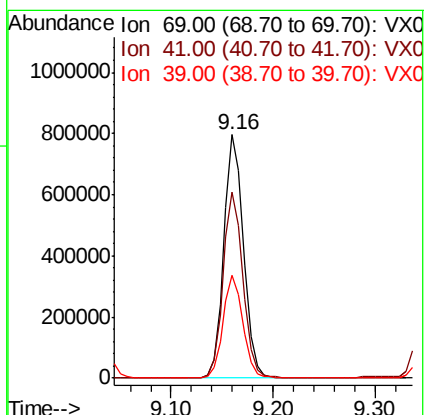
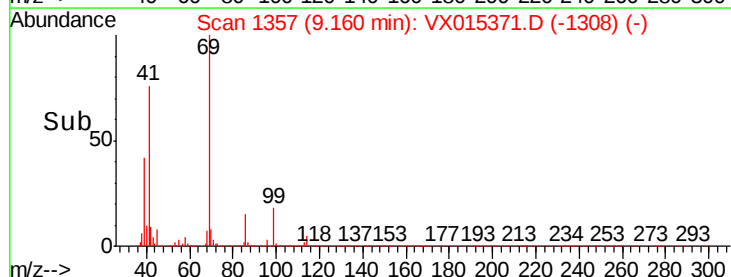
39 42.5 34.0 51.0



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.644 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

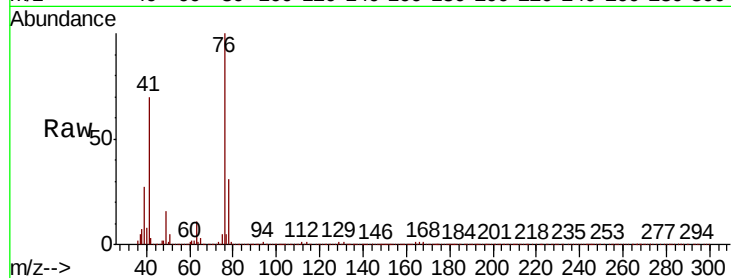
ICVVX032720

Tot Ion: 76 Resp: 1068190

Ion Ratio Lower Upper

76 100

78 31.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

800000

600000

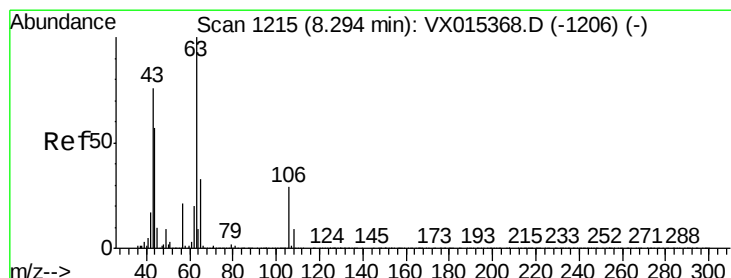
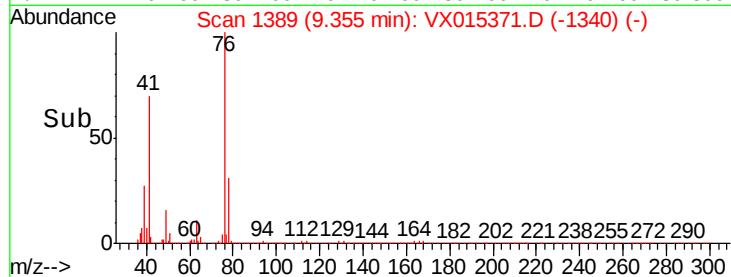
400000

200000

0

9.30 9.36 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 250.968 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015371.D

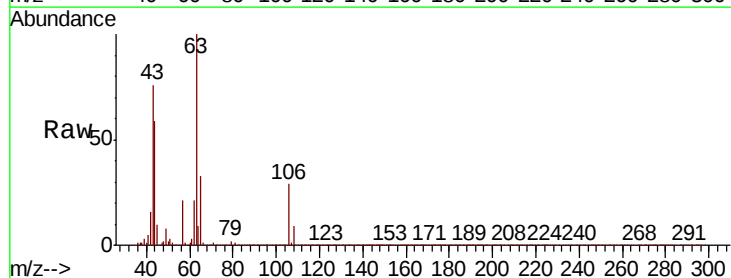
Acq: 26 Mar 2020 21:46

Tgt Ion: 63 Resp: 2622110

Ion Ratio Lower Upper

63 100

106 28.3 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

2000000

1500000

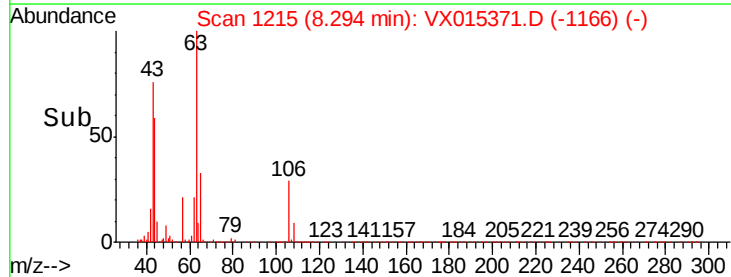
1000000

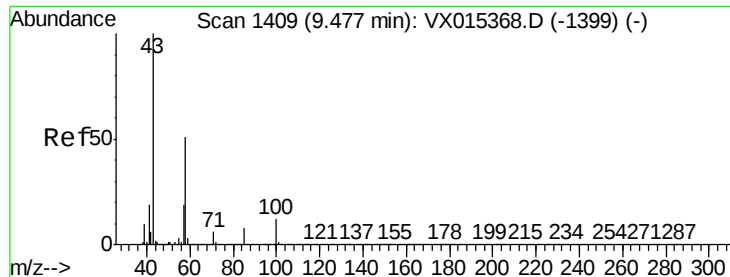
500000

0

8.20 8.29 8.40

Time-->

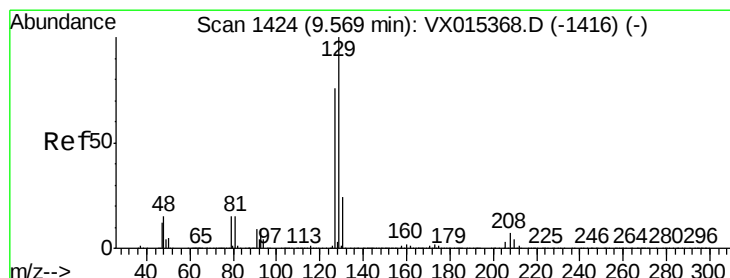
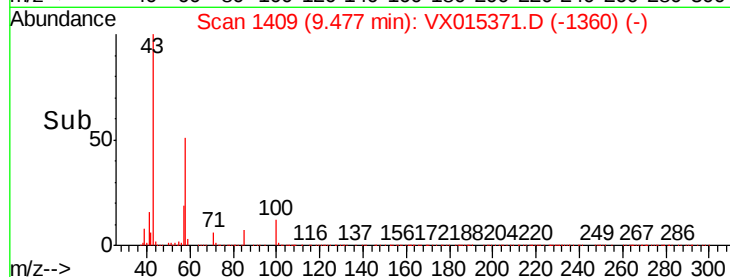
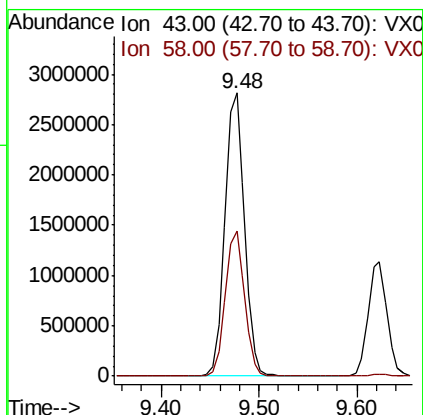
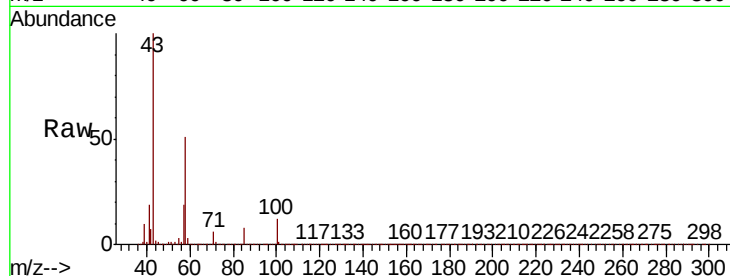




#59
2-Hexanone
Concen: 250.624 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

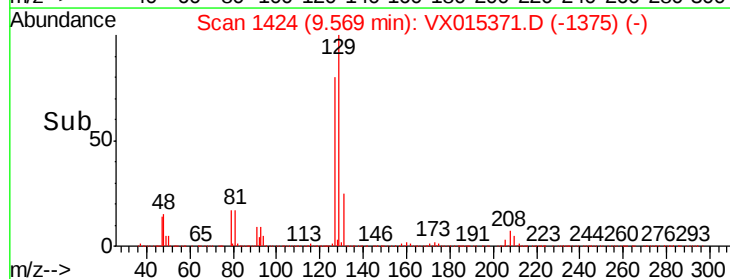
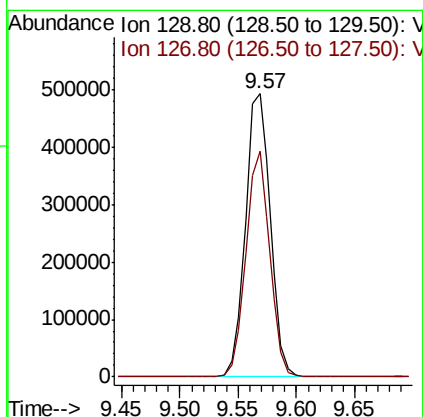
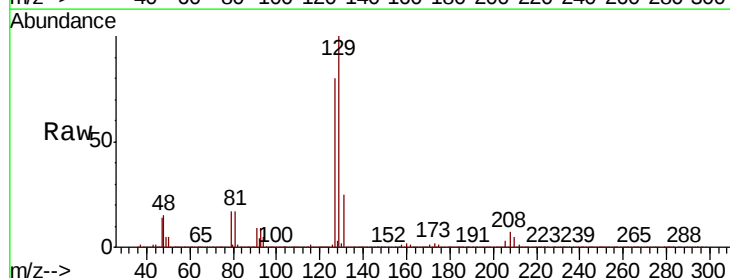
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032720

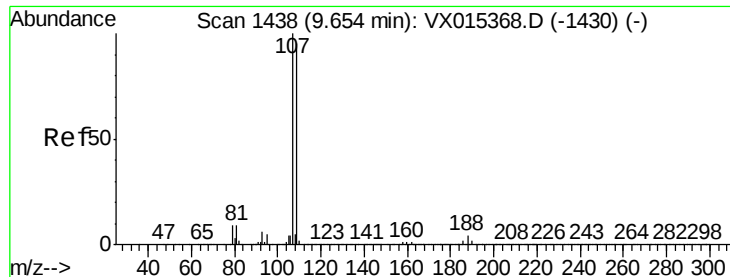
Tot Ion: 43 Resp: 3882535
Ion Ratio Lower Upper
43 100
58 50.9 25.6 76.6



#60
Dibromochloromethane
Concen: 50.109 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion: 129 Resp: 733876
Ion Ratio Lower Upper
129 100
127 76.5 38.2 114.6





#61

1,2-Dibromoethane

Concen: 49.530 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

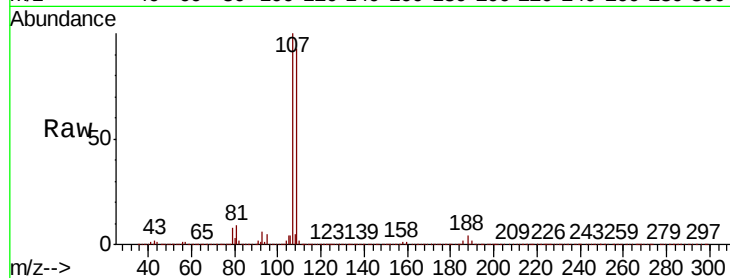
ICVVX032720

Tot Ion:107 Resp: 656401

Ion Ratio Lower Upper

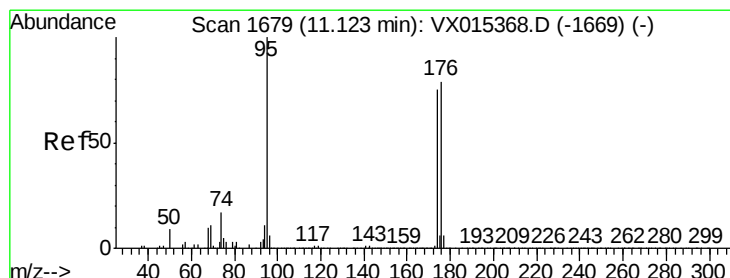
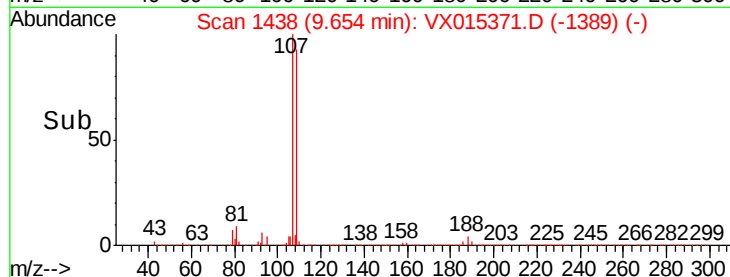
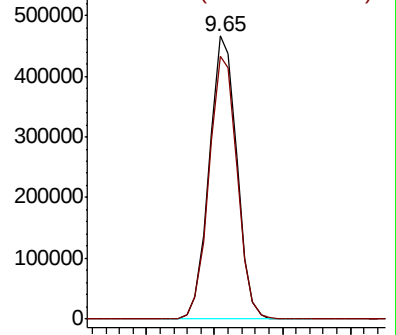
107 100

109 94.3 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.730 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

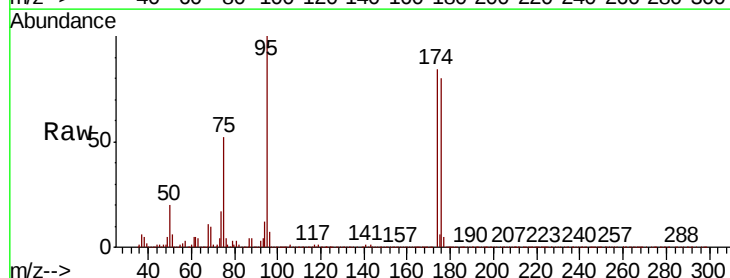
Tgt Ion: 95 Resp: 833247

Ion Ratio Lower Upper

95 100

174 81.8 0.0 158.6

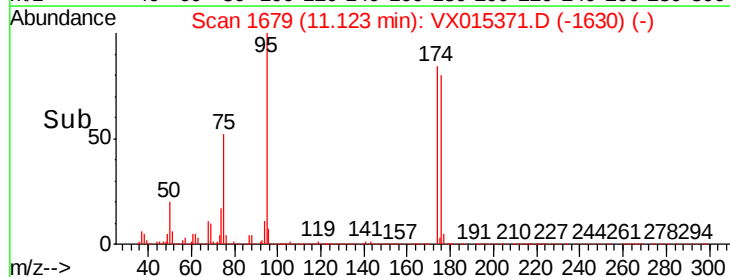
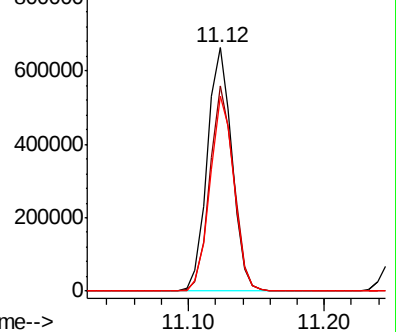
176 78.3 0.0 159.0

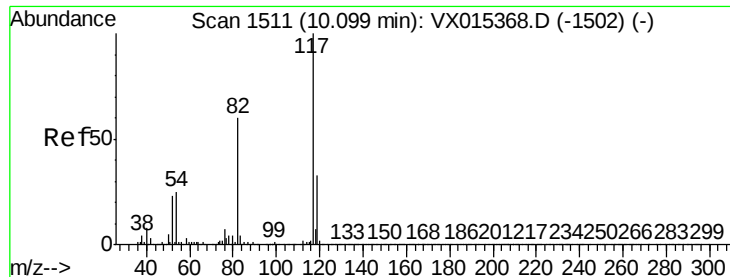


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

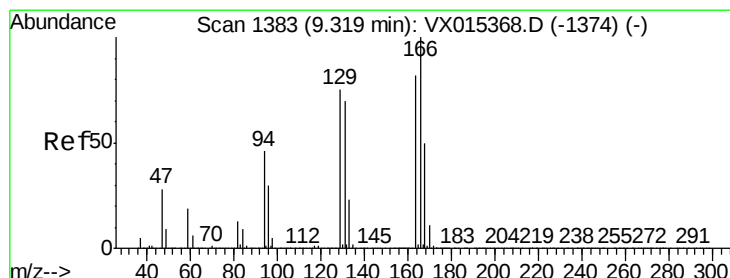
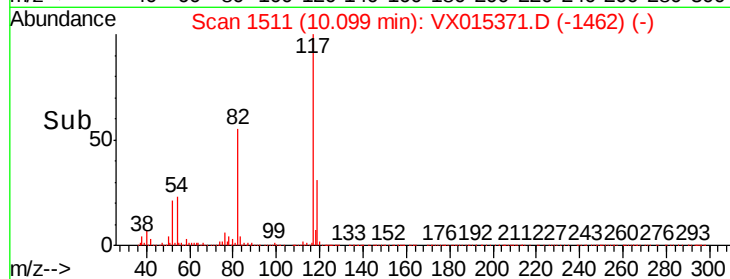
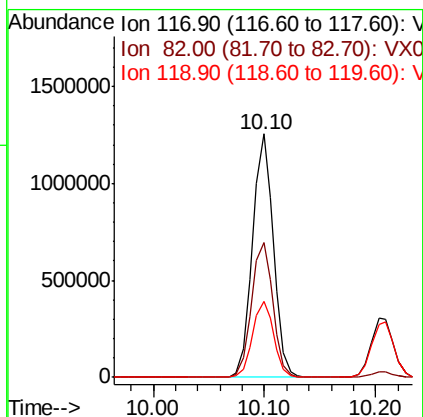
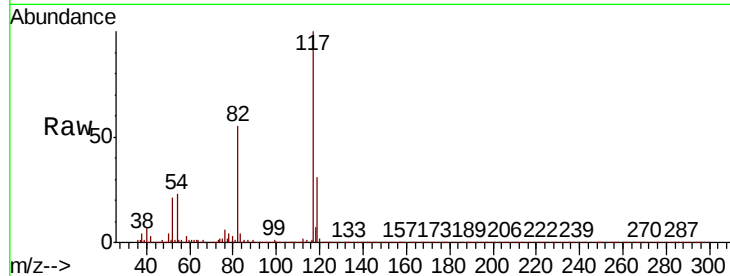




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

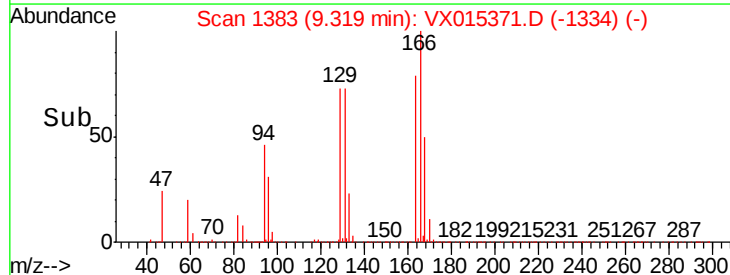
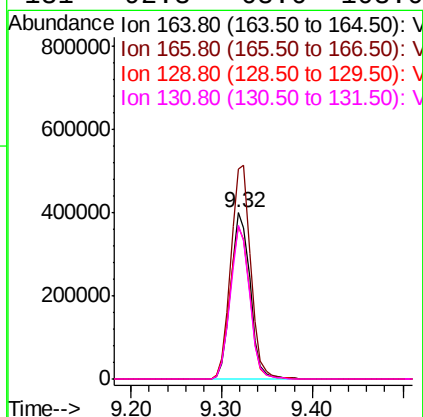
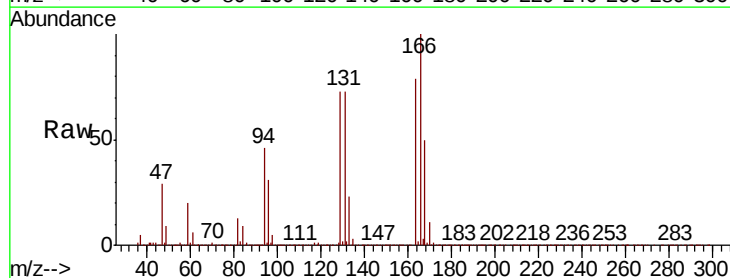
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032720

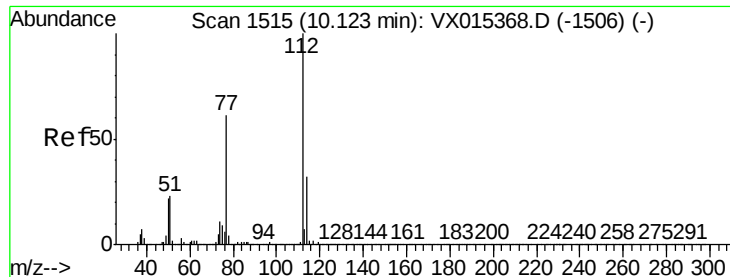
Tot Ion:117 Resp: 1635042
Ion Ratio Lower Upper
117 100
82 55.2 47.8 71.8
119 31.4 26.8 40.2



#64
Tetrachloroethene
Concen: 48.121 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion:164 Resp: 593779
Ion Ratio Lower Upper
164 100
166 126.3 97.8 146.6
129 92.0 73.0 109.4
131 92.3 68.6 103.0





#65

Chlorobenzene

Concen: 49.414 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

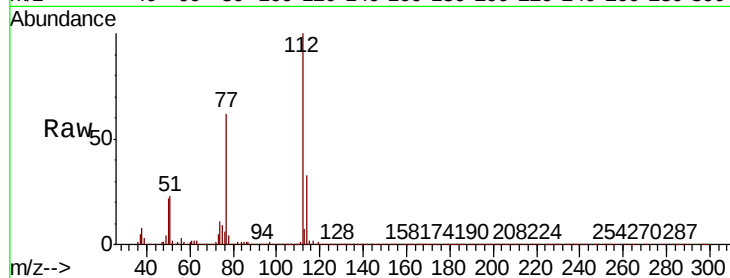
ICVVX032720

Tot Ion:112 Resp: 1611283

Ion Ratio Lower Upper

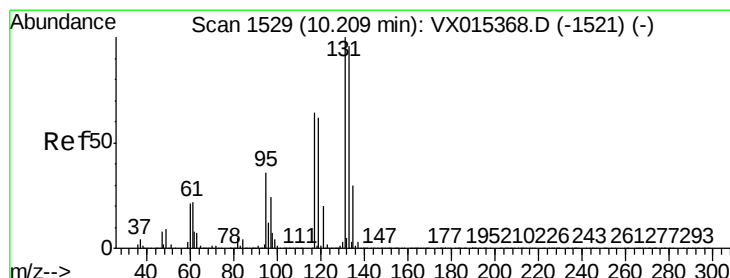
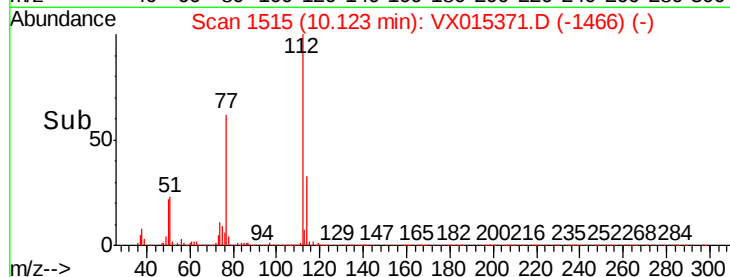
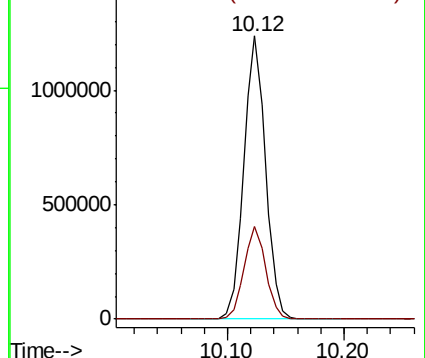
112 100

114 32.7 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.193 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

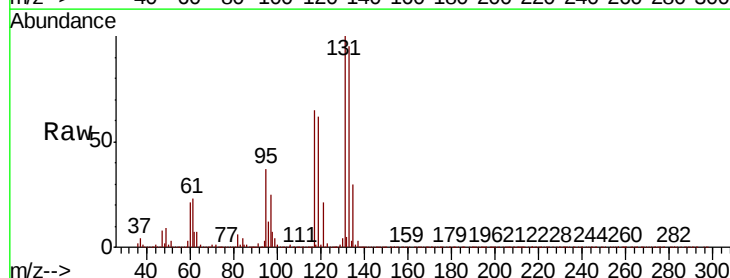
Tgt Ion:131 Resp: 640829

Ion Ratio Lower Upper

131 100

133 94.5 47.6 142.9

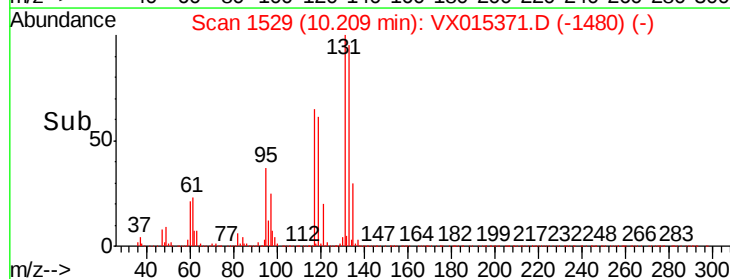
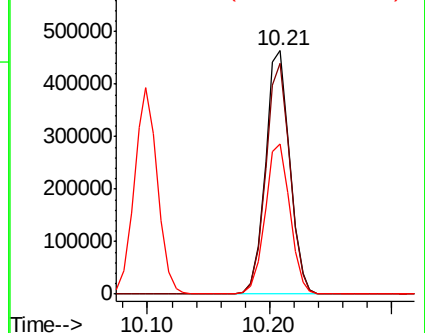
119 62.9 31.1 93.3

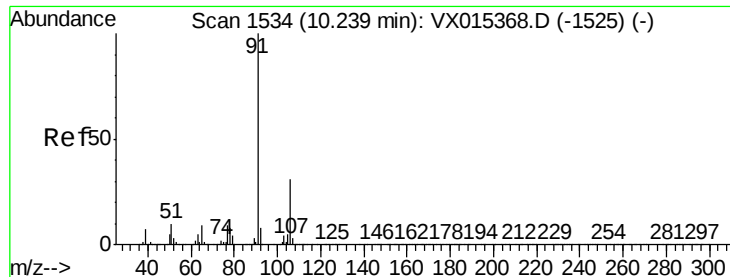


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.012 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

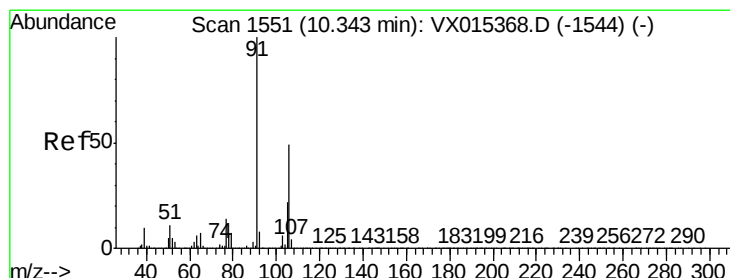
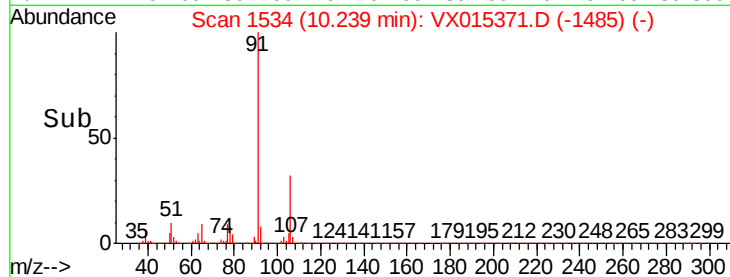
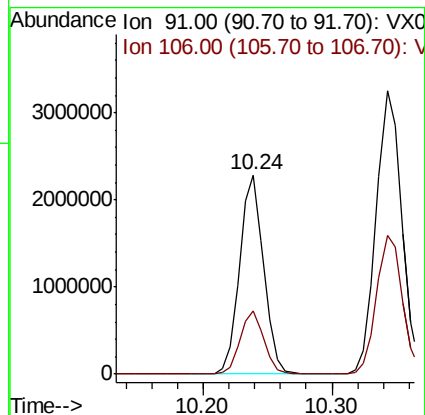
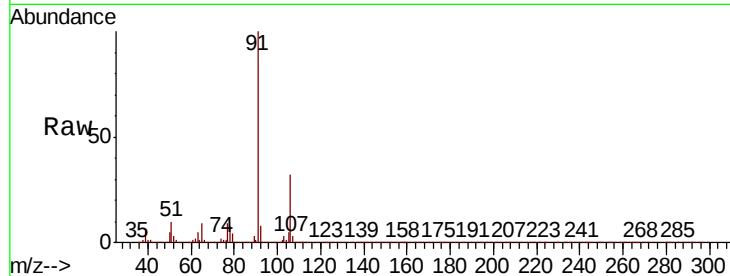
ICVVX032720

Tot Ion: 91 Resp: 2950181

Ion Ratio Lower Upper

91 100

106 31.7 24.8 37.2



#68

m/p-Xylenes

Concen: 101.600 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015371.D

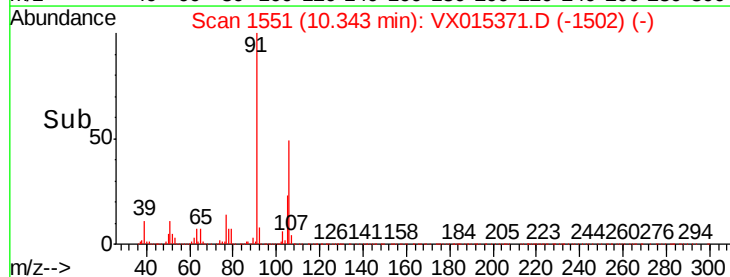
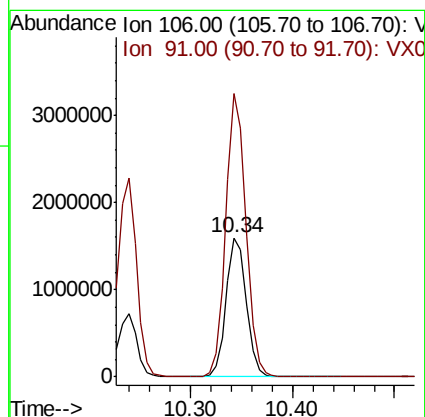
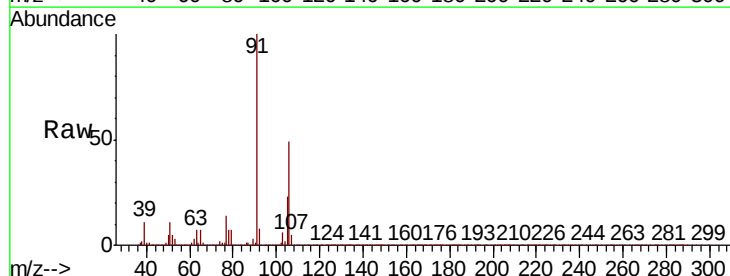
Acq: 26 Mar 2020 21:46

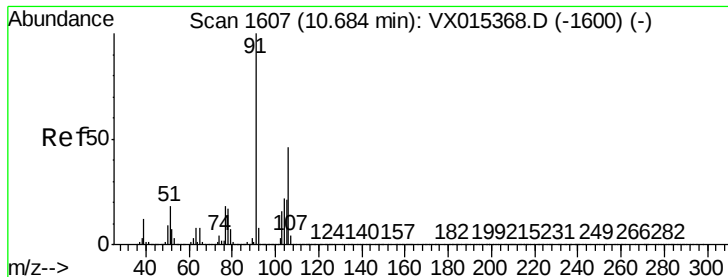
Tgt Ion: 106 Resp: 2187957

Ion Ratio Lower Upper

106 100

91 203.4 163.4 245.0

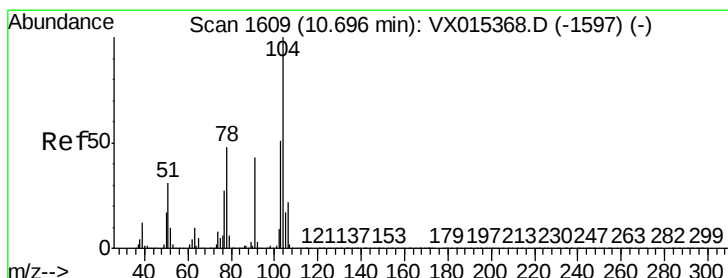
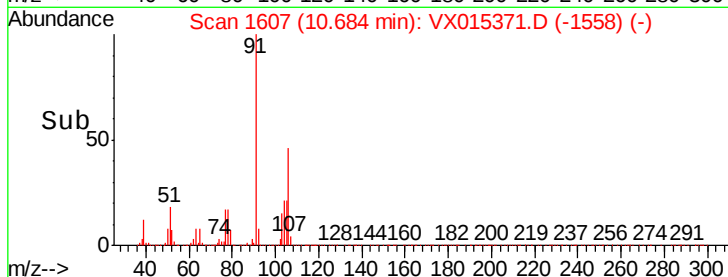
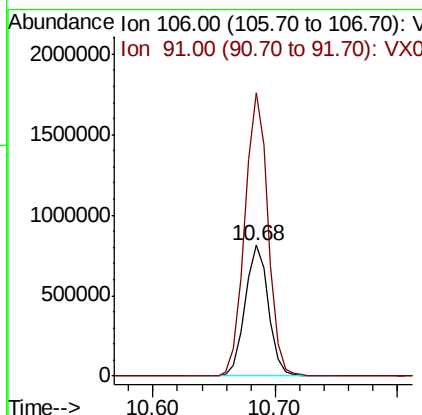
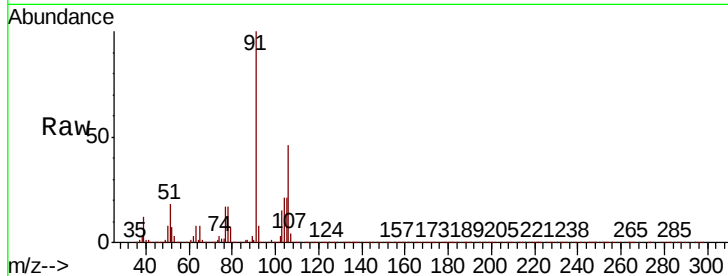




#69
o-Xylene
Concen: 50.338 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

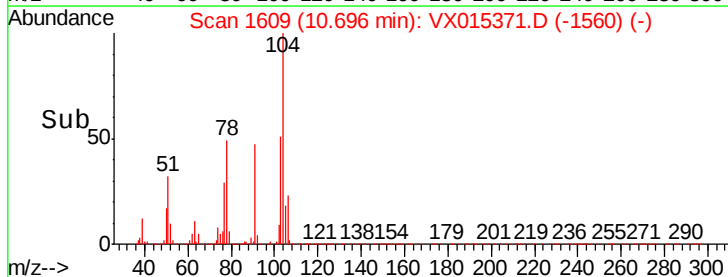
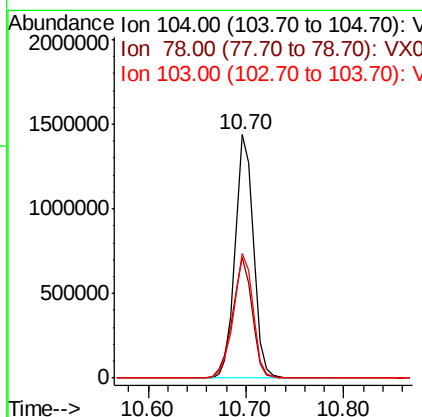
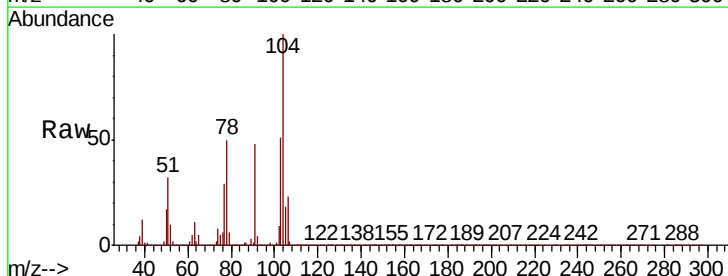
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032720

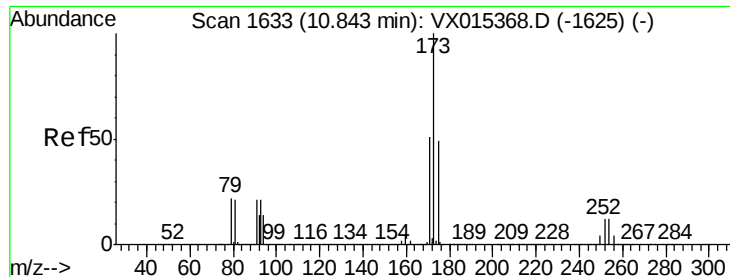
Tot Ion:106 Resp: 1071205
Ion Ratio Lower Upper
106 100
91 215.2 107.1 321.3



#70
Styrene
Concen: 50.041 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion:104 Resp: 1873820
Ion Ratio Lower Upper
104 100
78 52.9 42.0 63.0
103 54.5 43.4 65.0

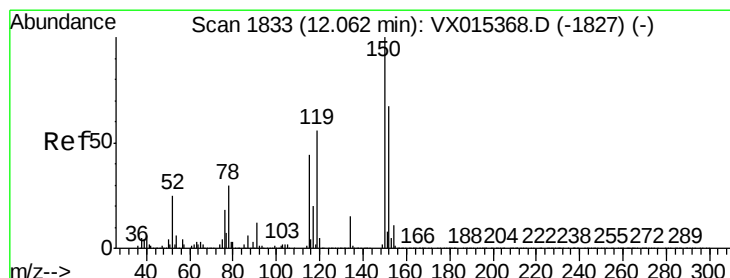
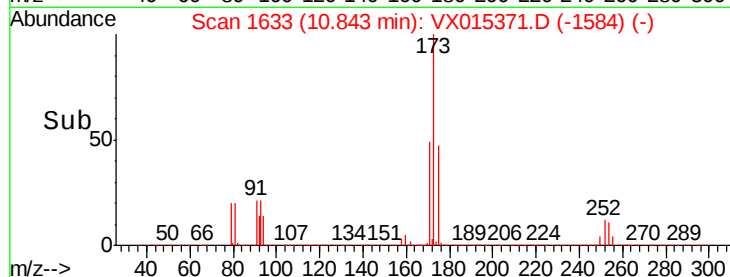
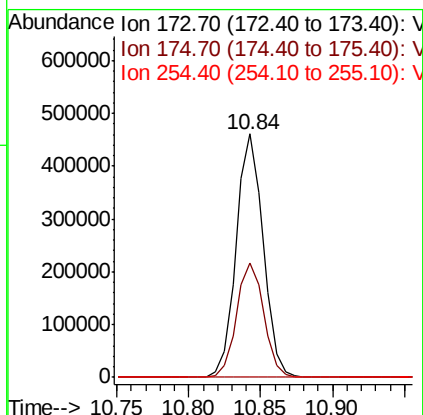
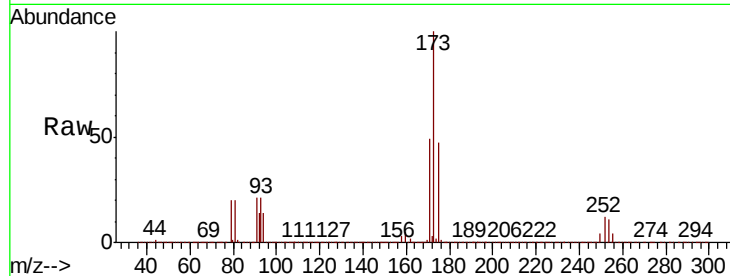




#71
Bromoform
Concen: 50.747 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

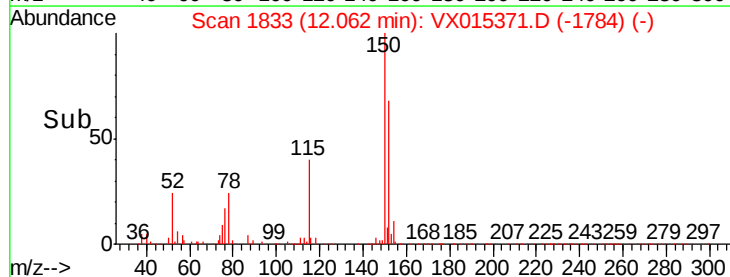
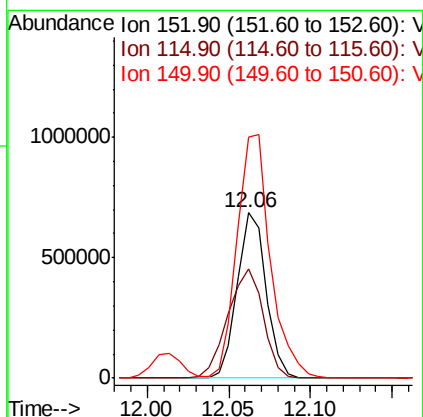
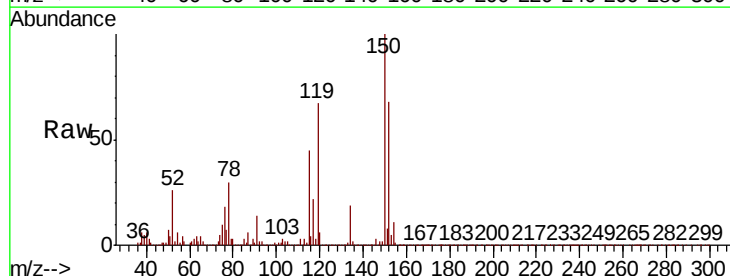
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032720

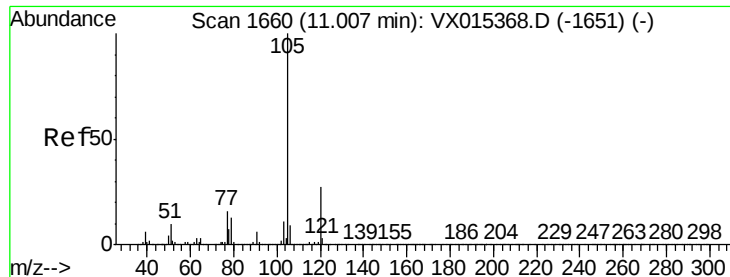
Tot Ion:173 Resp: 601802
Ion Ratio Lower Upper
173 100
175 47.6 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion:152 Resp: 846067
Ion Ratio Lower Upper
152 100
115 81.1 39.0 116.9
150 170.4 0.0 340.8





#73

Isopropylbenzene

Concen: 51.434 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

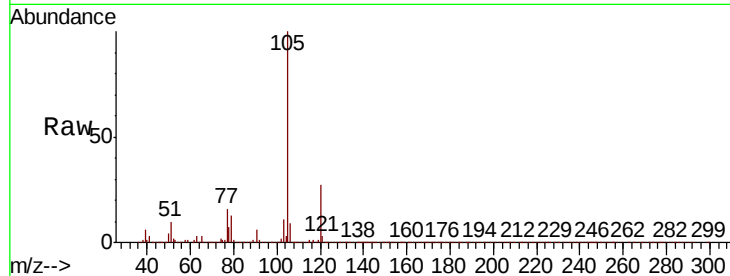
ICVVX032720

Tot Ion:105 Resp: 2851313

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

2500000 Ion 120.00 (119.70 to 120.70): V

2000000

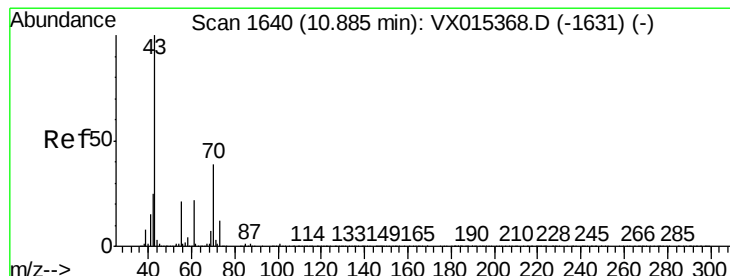
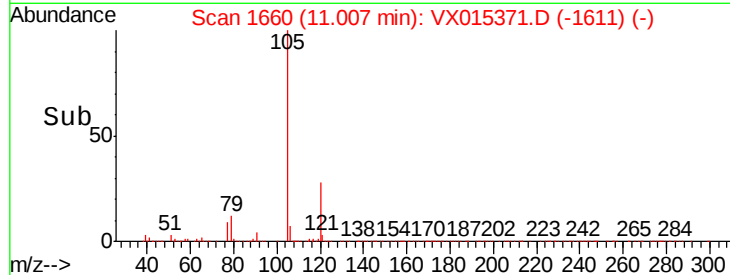
1500000

1000000

500000

0

Time--> 10.90 11.01 11.10



#74

N-ethyl acetate

Concen: 49.310 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Tgt Ion: 43 Resp: 1520360

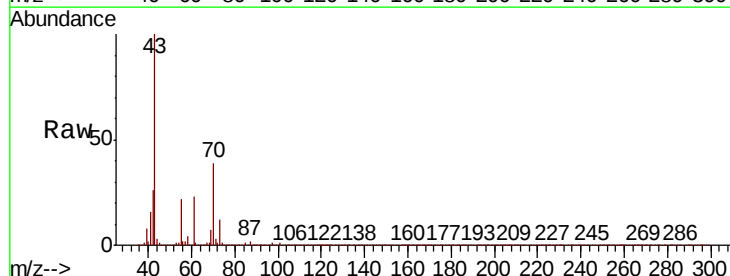
Ion Ratio Lower Upper

43 100

70 37.9 30.2 45.4

55 21.8 16.8 25.2

61 22.6 18.2 27.2



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

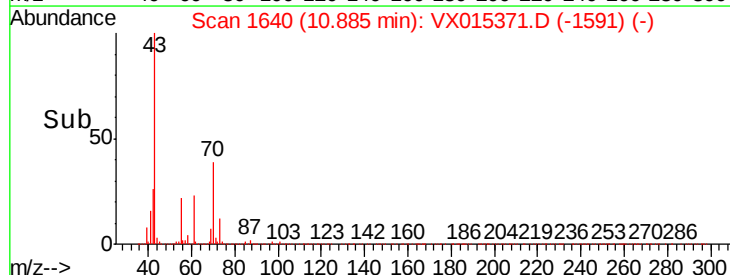
1500000

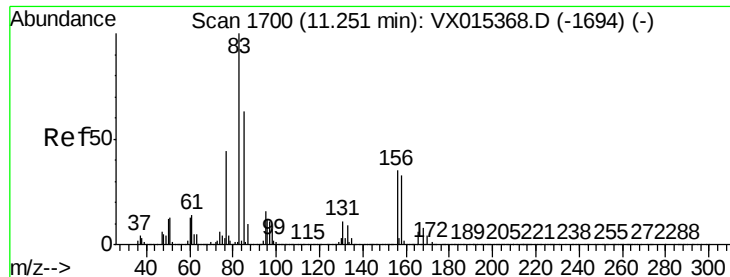
1000000

500000

0

Time--> 10.80 10.89 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 49.188 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032720

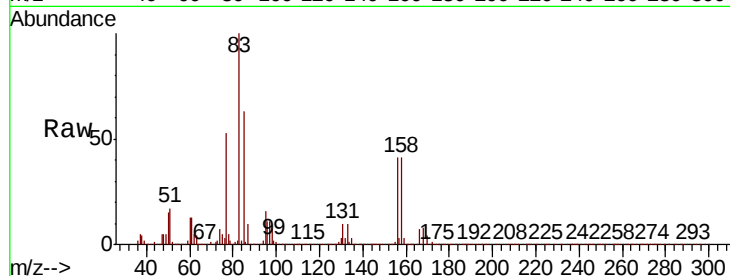
Tot Ion: 83 Resp: 935657

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

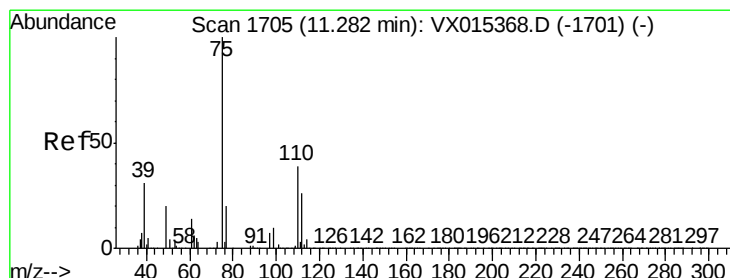
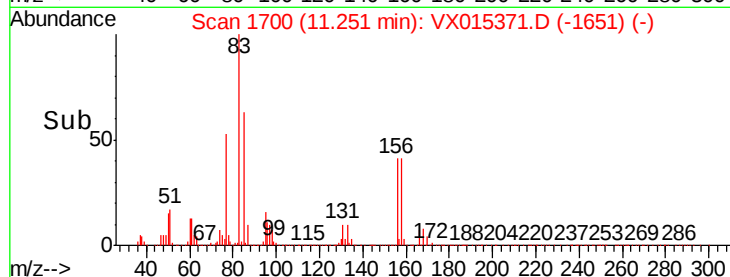
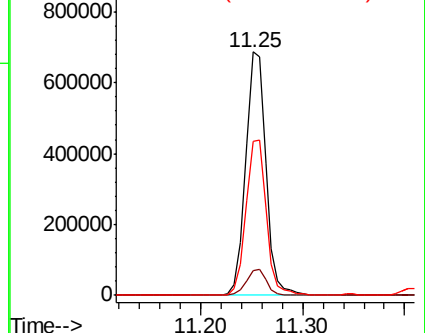
85 64.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.419 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015371.D

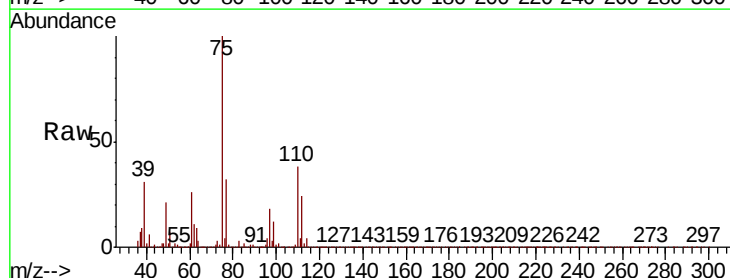
Acq: 26 Mar 2020 21:46

Tgt Ion: 75 Resp: 1173002

Ion Ratio Lower Upper

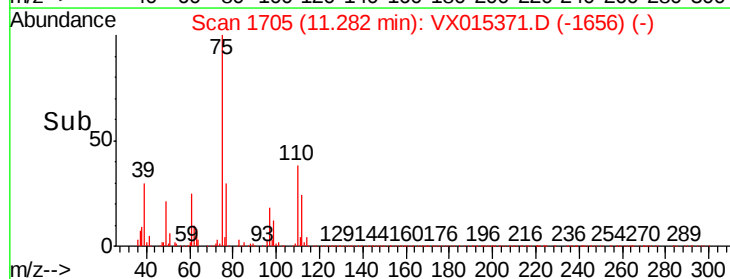
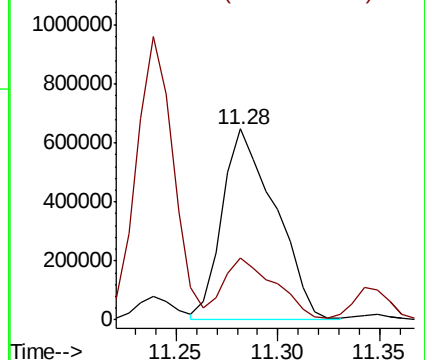
75 100

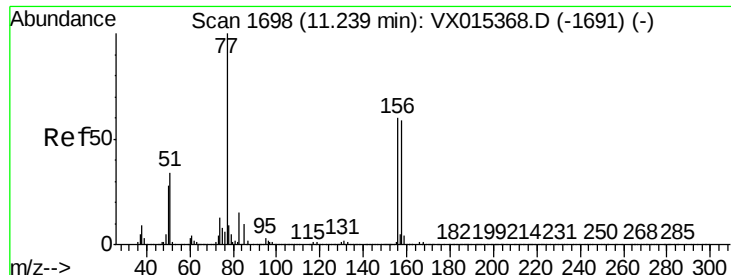
77 31.7 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

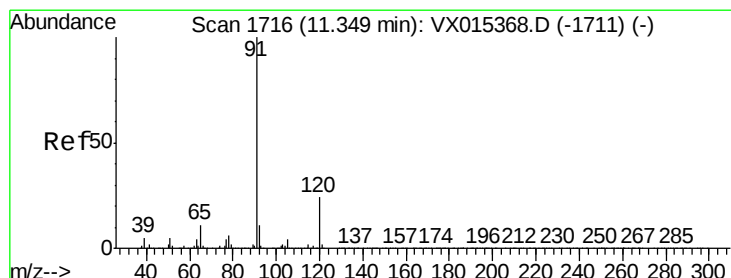
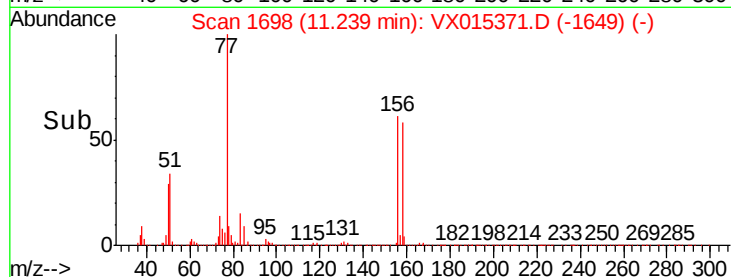
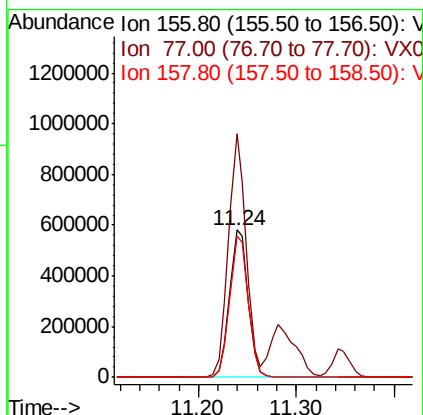
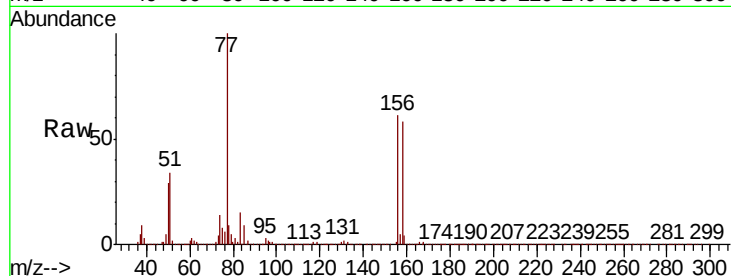




#77
Bromobenzene
Concen: 51.631 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

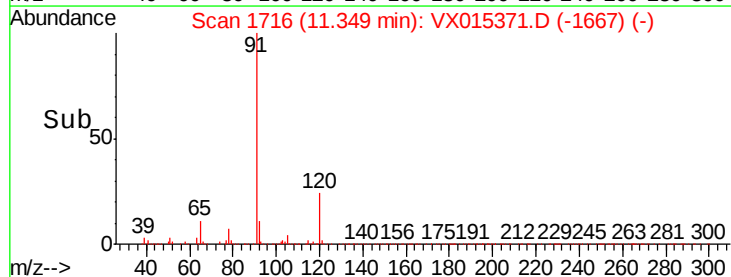
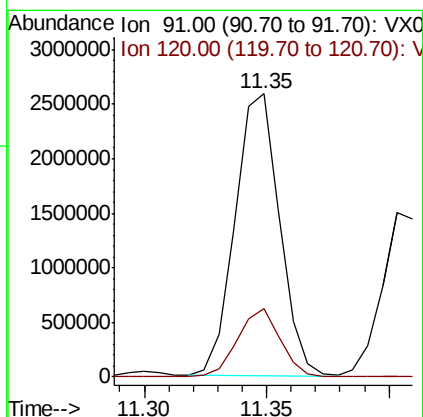
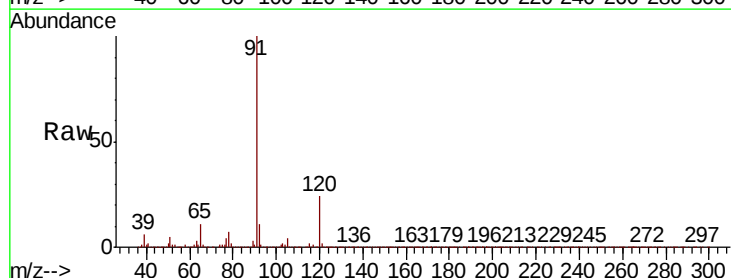
Instrument :
MSVOA_X
ClientSampleId :
ICVVX032720

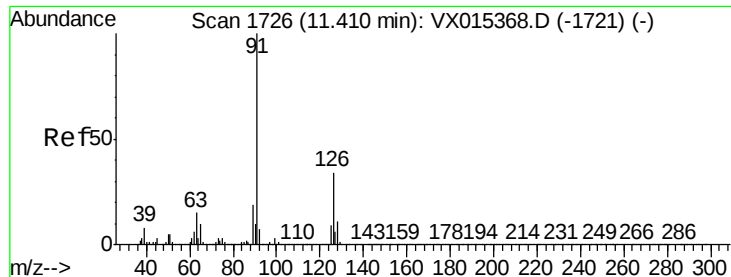
Tot Ion:156 Resp: 763463
Ion Ratio Lower Upper
156 100
77 158.1 82.2 246.5
158 95.4 49.3 147.9



#78
n-propylbenzene
Concen: 51.758 ug/l
RT: 11.35 min Scan# 1716
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion: 91 Resp: 3280926
Ion Ratio Lower Upper
91 100
120 23.3 11.7 35.0

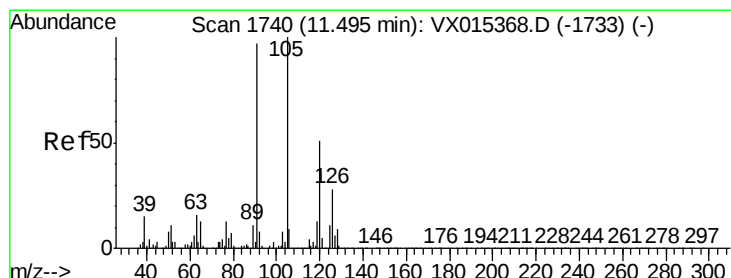
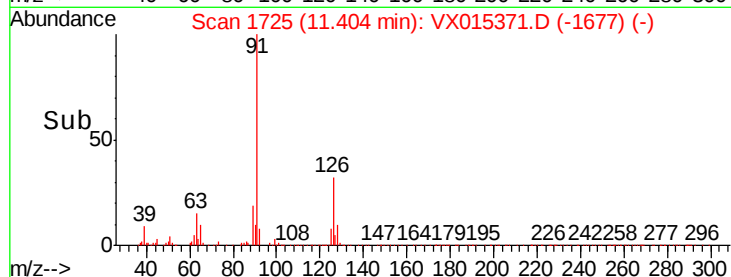
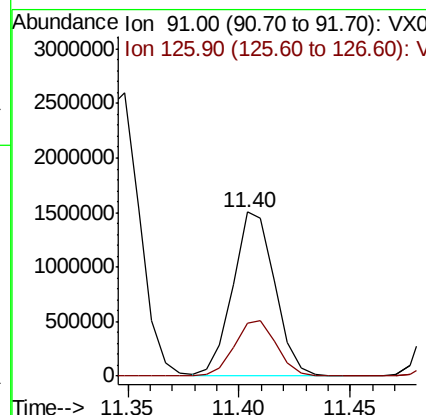
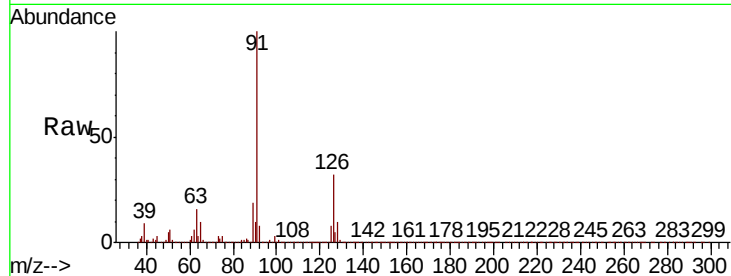




#79
 2-Chlorotoluene
 Concen: 50.633 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015371.D
 Acq: 26 Mar 2020 21:46

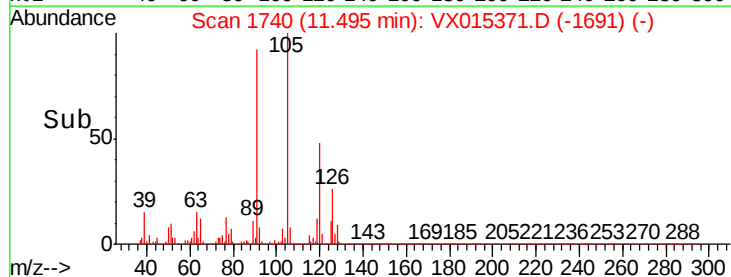
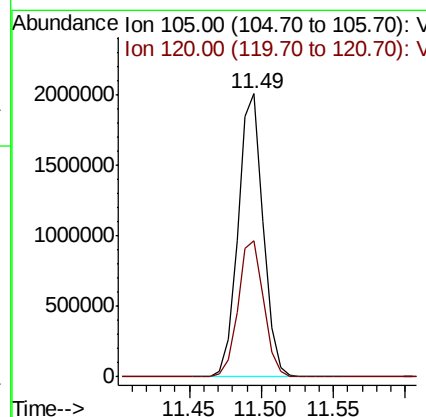
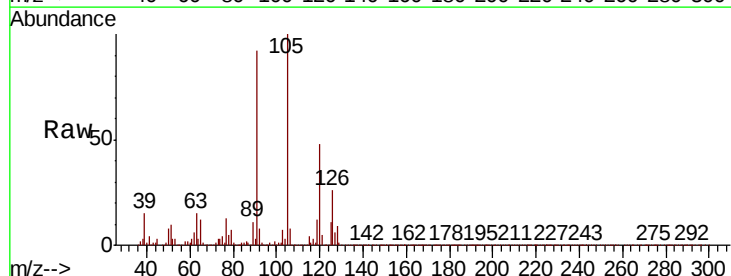
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032720

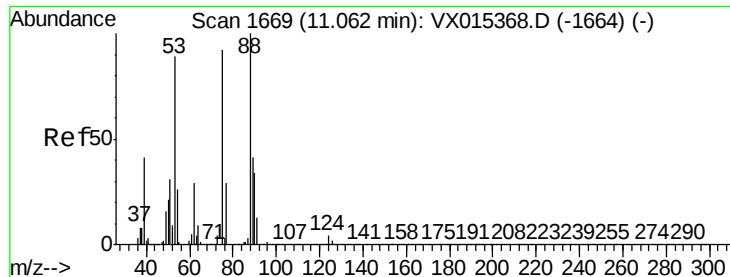
Tot Ion: 91 Resp: 1967261
 Ion Ratio Lower Upper
 91 100
 126 34.1 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 51.455 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015371.D
 Acq: 26 Mar 2020 21:46

Tgt Ion: 105 Resp: 2436074
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.629 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

ICVVX032720

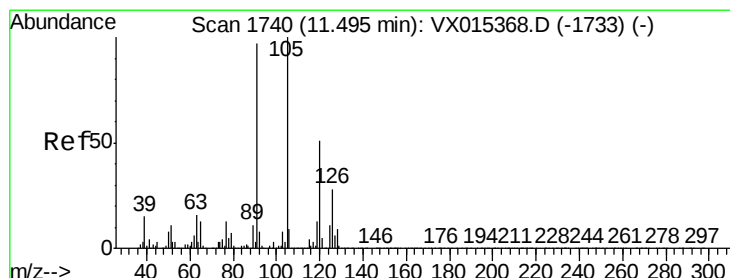
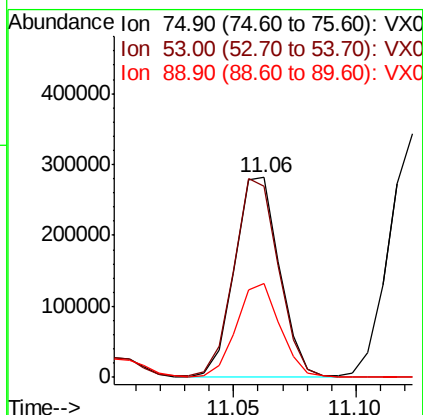
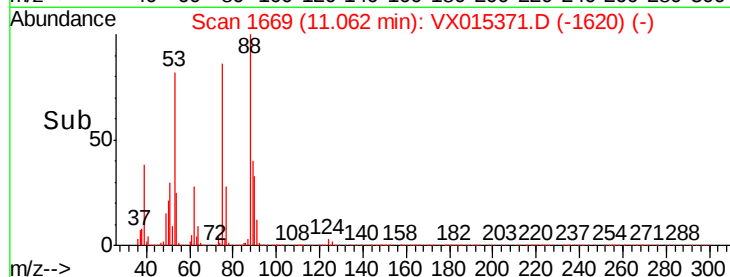
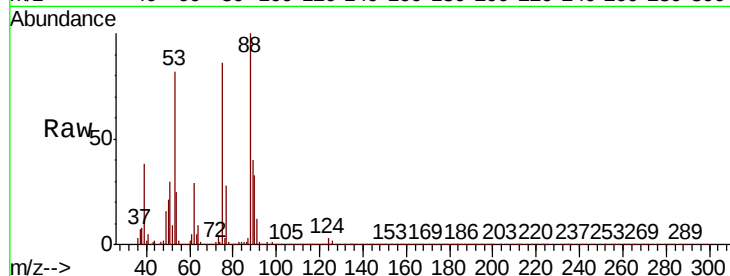
Tot Ion: 75 Resp: 359867

Ion Ratio Lower Upper

75 100

53 98.8 80.1 120.1

89 46.0 36.1 54.1



#82

4-Chlorotoluene

Concen: 50.731 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015371.D

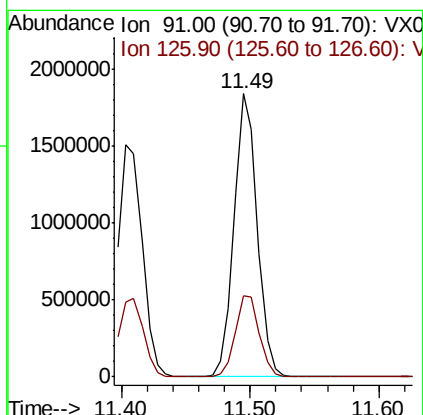
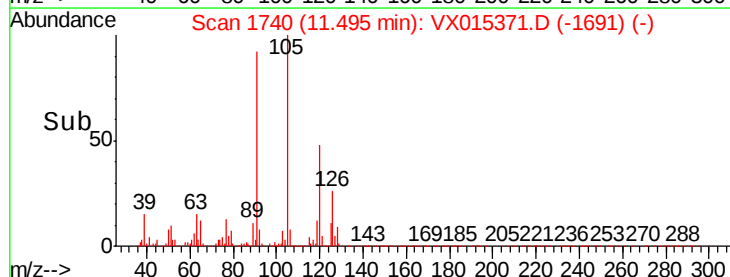
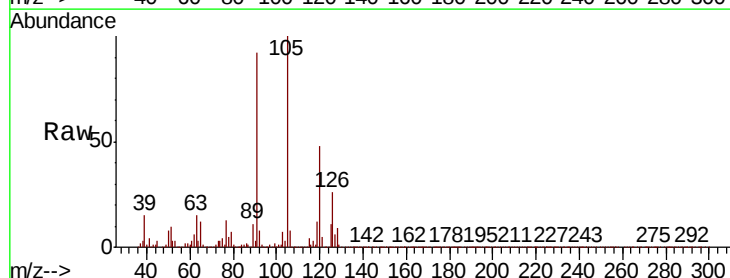
Acq: 26 Mar 2020 21:46

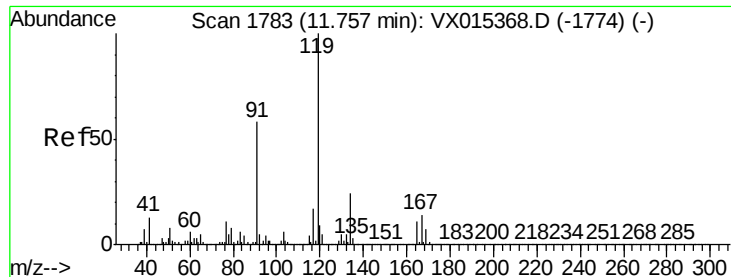
Tgt Ion: 91 Resp: 2310671

Ion Ratio Lower Upper

91 100

126 29.5 14.7 44.1





#83

tert-Butylbenzene

Concen: 52.113 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

ICVX032720

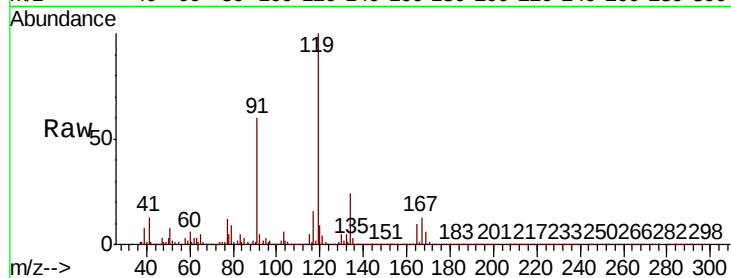
Tot Ion:119 Resp: 2409953

Ion Ratio Lower Upper

119 100

91 58.5 28.6 85.8

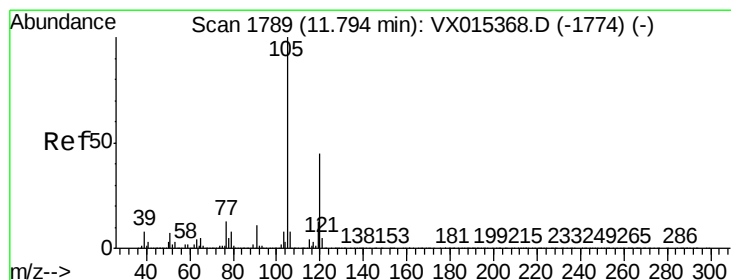
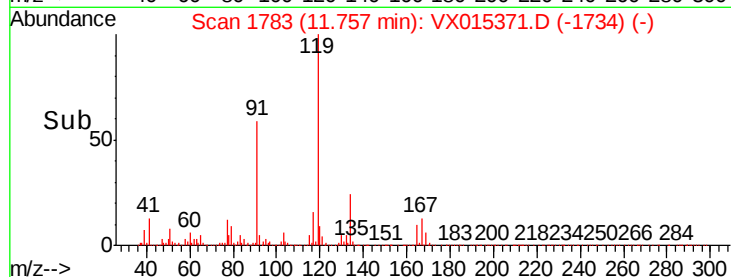
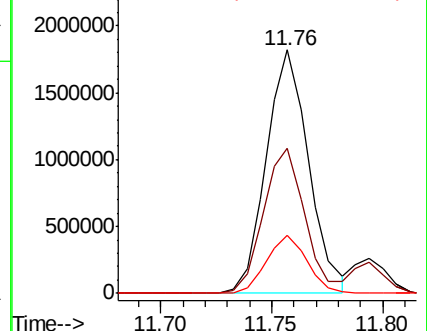
134 22.7 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.357 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015371.D

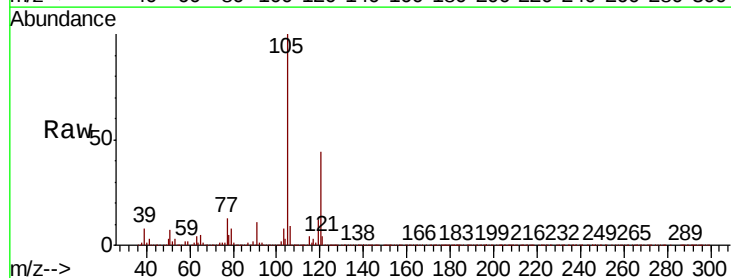
Acq: 26 Mar 2020 21:46

Tgt Ion:105 Resp: 2477766

Ion Ratio Lower Upper

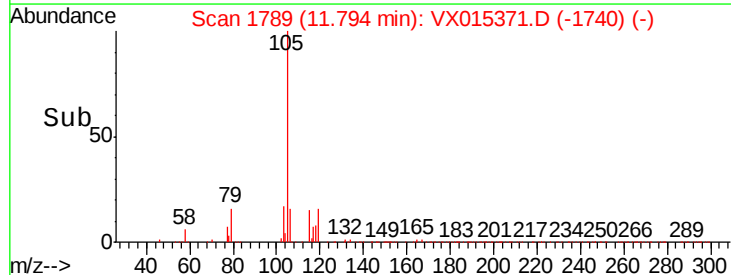
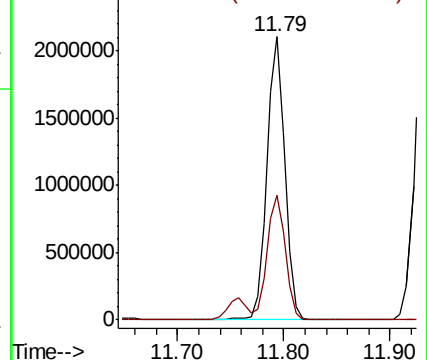
105 100

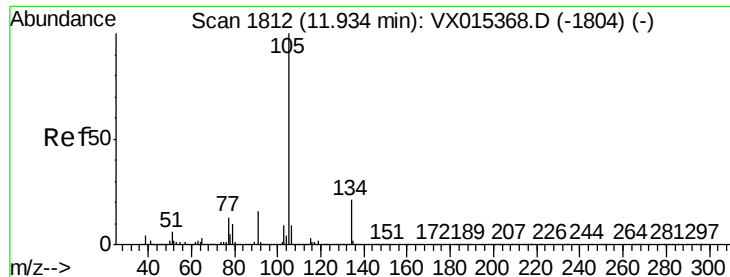
120 45.0 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.919 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

Instrument :

MSVOA_X

ClientSampleId :

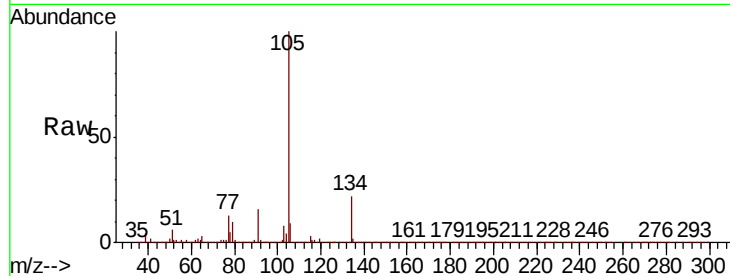
ICVVX032720

Tot Ion:105 Resp: 2776818

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2500000

2000000

1500000

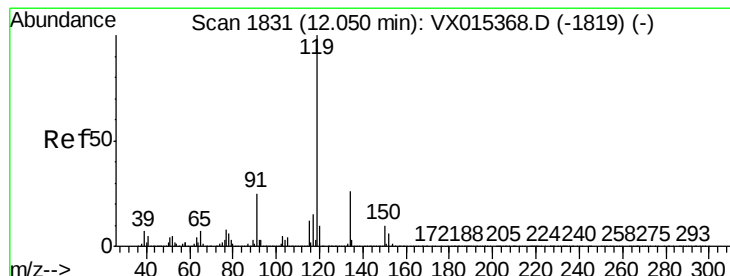
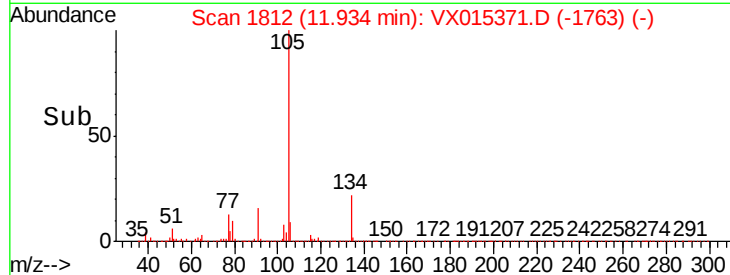
1000000

500000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 51.619 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015371.D

Acq: 26 Mar 2020 21:46

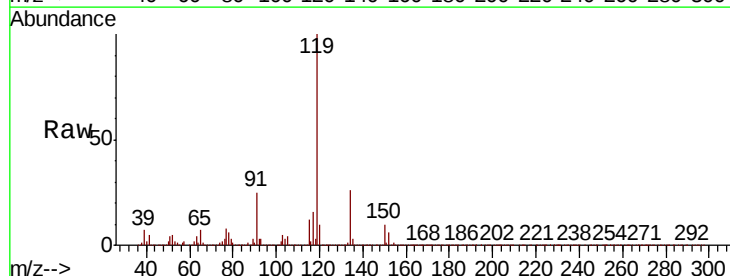
Tgt Ion:119 Resp: 2562975

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 24.5 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

3000000

2500000

2000000

1500000

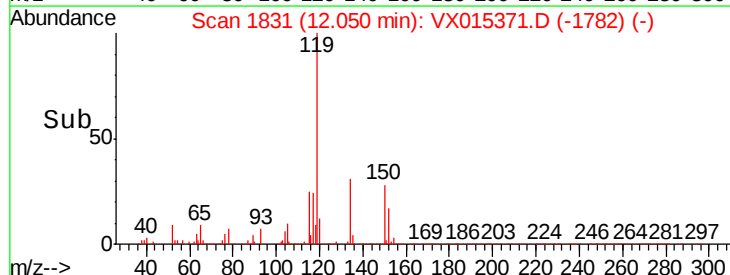
1000000

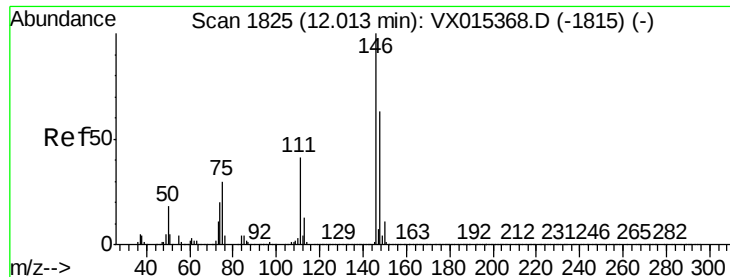
500000

0

12.00 12.10

Time-->

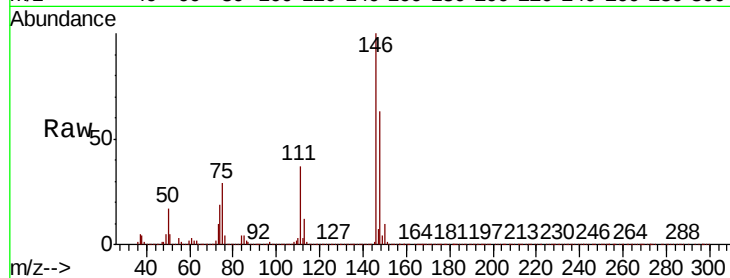




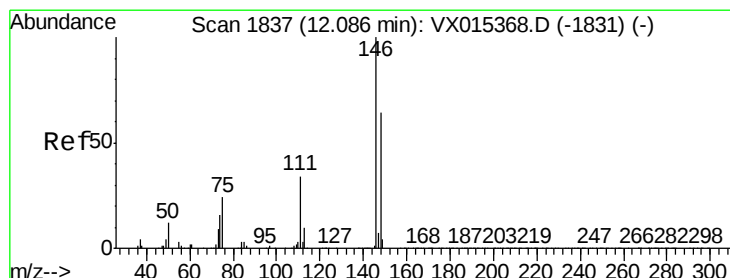
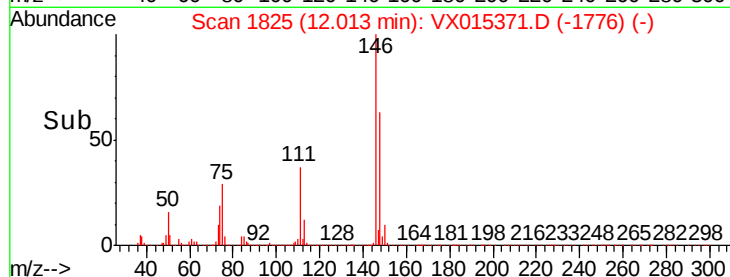
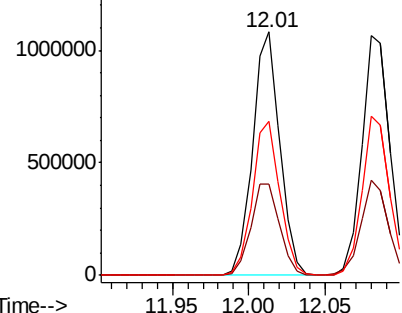
#87
 1,3-Dichlorobenzene
 Concen: 50.718 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015371.D
 Acq: 26 Mar 2020 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032720

Tot Ion:146 Resp: 1342574
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.9
 148 63.7 31.3 93.9

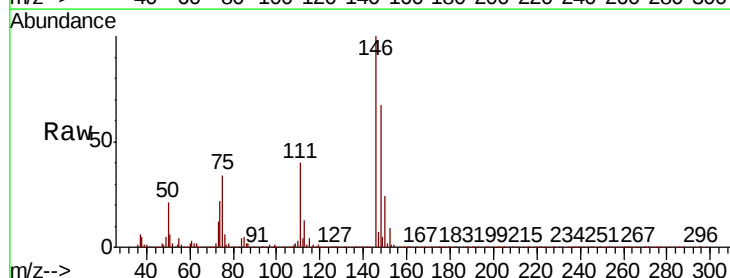


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

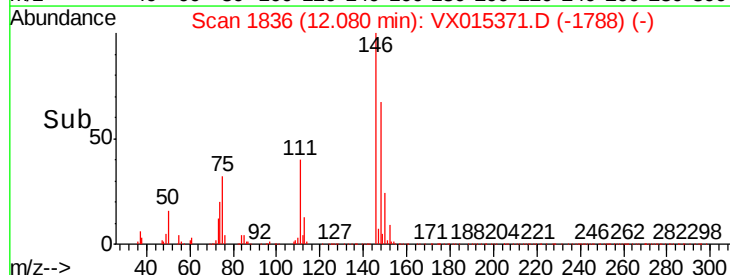
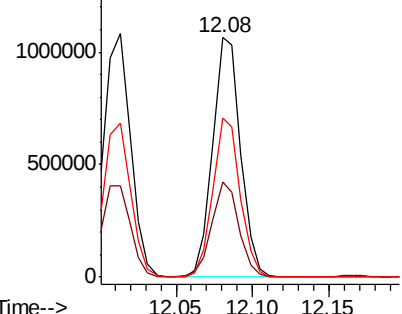


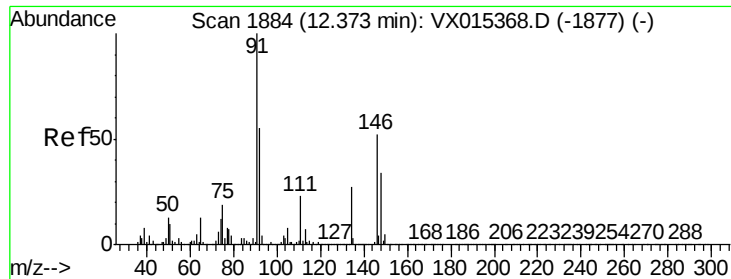
#88
 1,4-Dichlorobenzene
 Concen: 49.695 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015371.D
 Acq: 26 Mar 2020 21:46

Tgt Ion:146 Resp: 1339957
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.1 57.5
 148 64.9 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

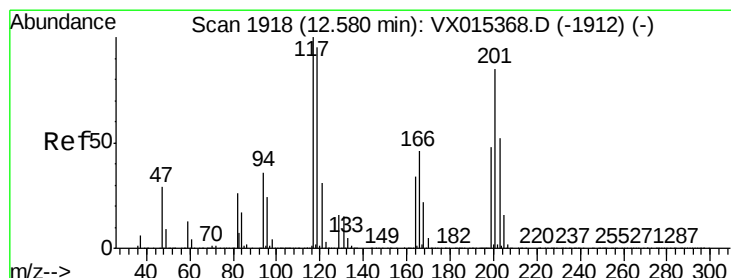
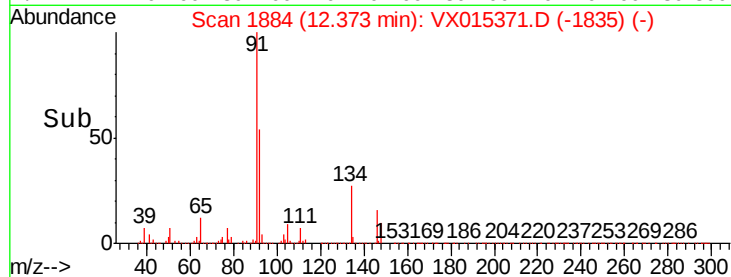
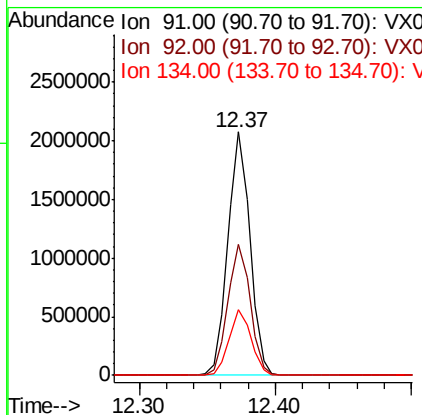
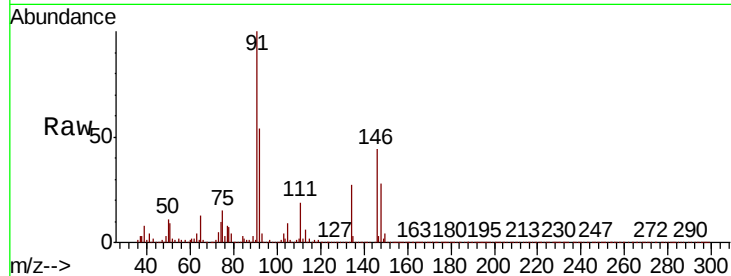




#89
n-Butylbenzene
Concen: 52.144 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

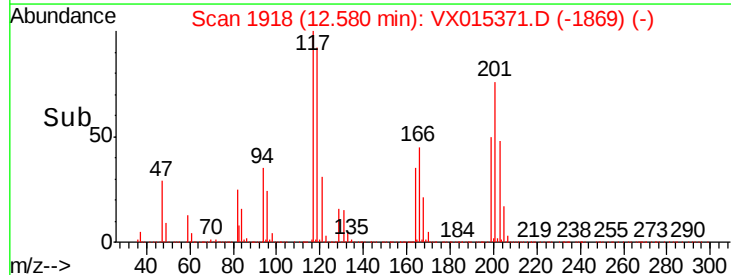
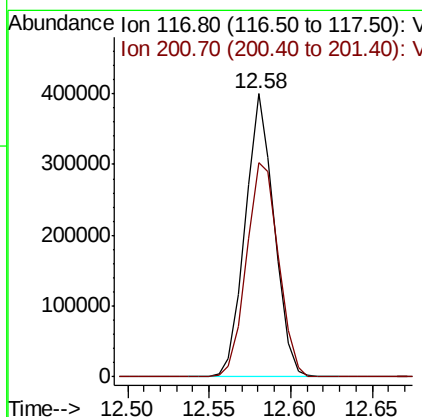
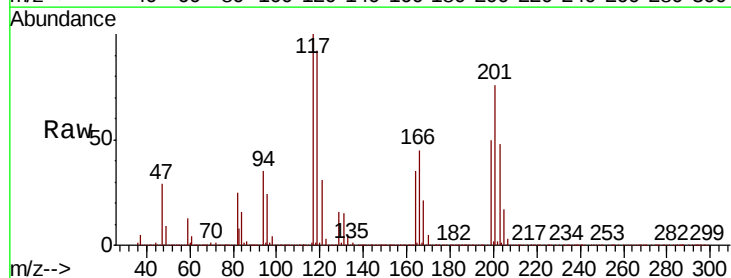
Instrument :
MSVOA_X
ClientSampled :
ICVVX032720

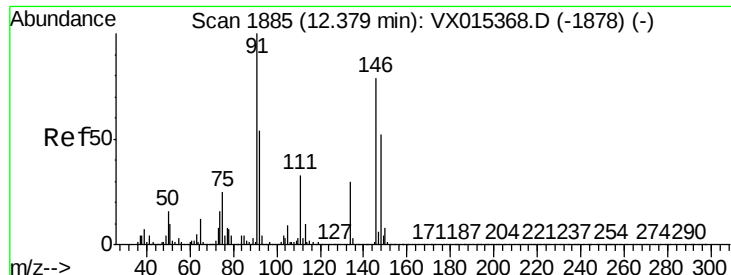
Tot Ion: 91 Resp: 2339639
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.5
134 26.9 13.4 40.2



#90
Hexachloroethane
Concen: 51.018 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion: 117 Resp: 493041
Ion Ratio Lower Upper
117 100
201 83.9 42.6 128.0

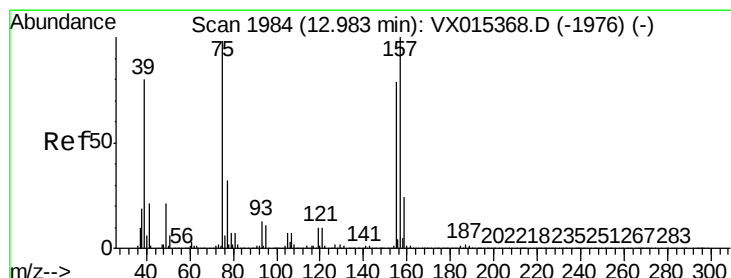
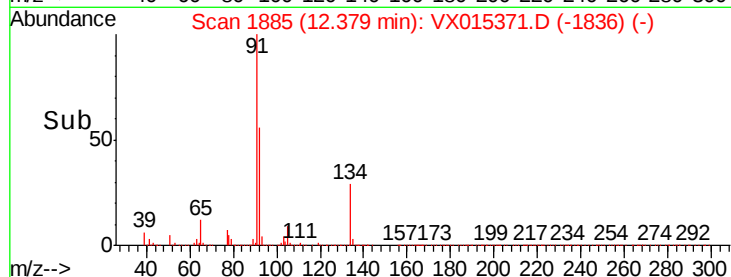
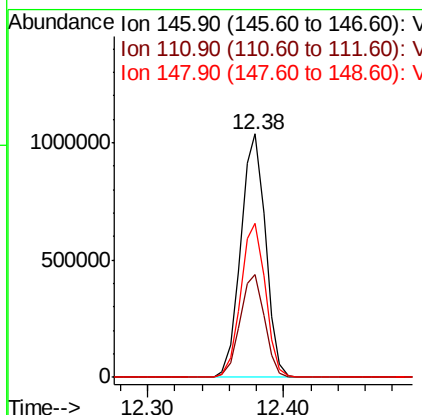
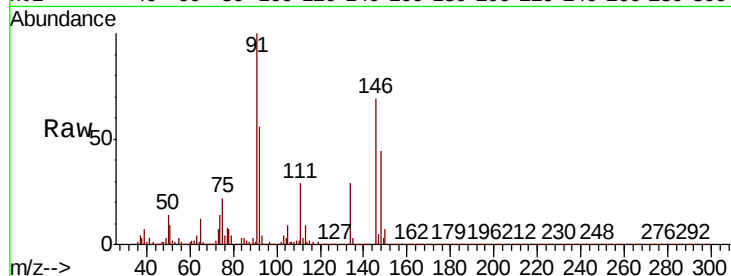




#91
 1,2-Dichlorobenzene
 Concen: 50.732 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015371.D
 Acq: 26 Mar 2020 21:46

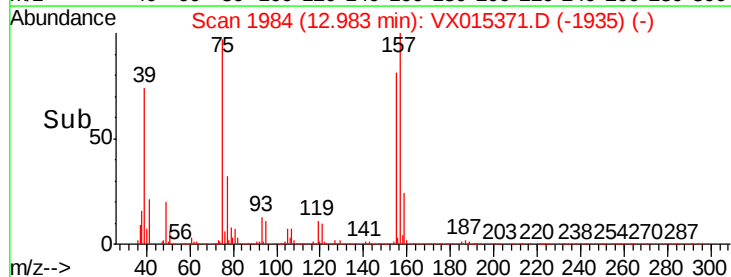
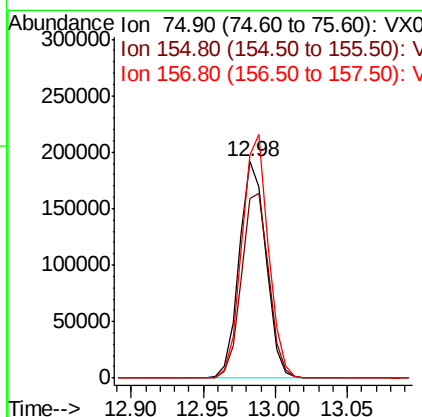
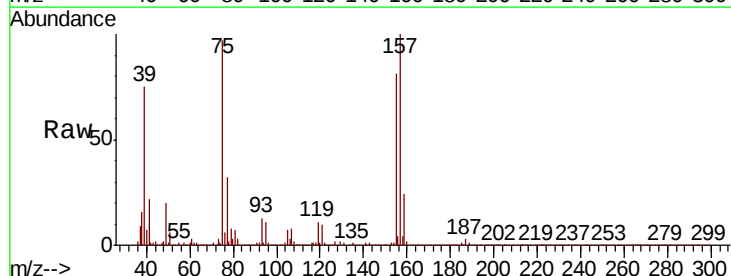
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032720

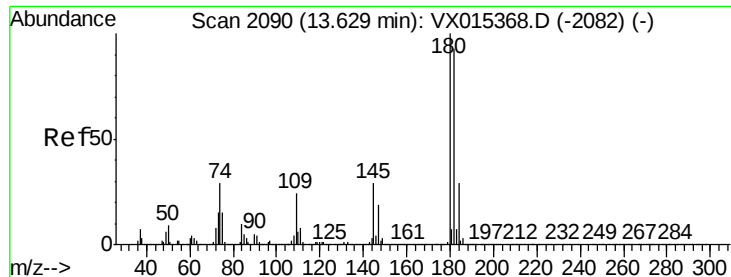
Tot Ion:146 Resp: 1314270
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.0 63.0
 148 63.0 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.752 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015371.D
 Acq: 26 Mar 2020 21:46

Tgt Ion: 75 Resp: 245639
 Ion Ratio Lower Upper
 75 100
 155 87.2 42.8 128.4
 157 111.0 53.4 160.3

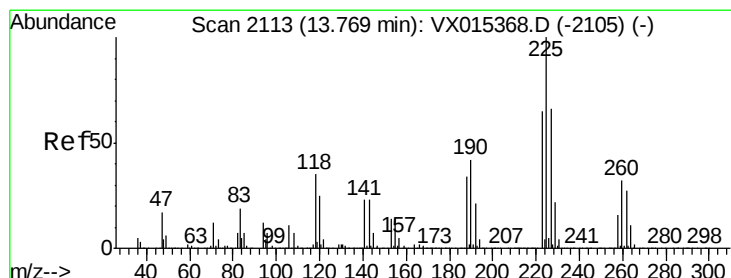
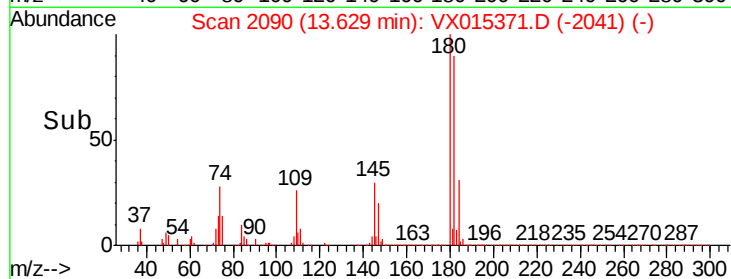
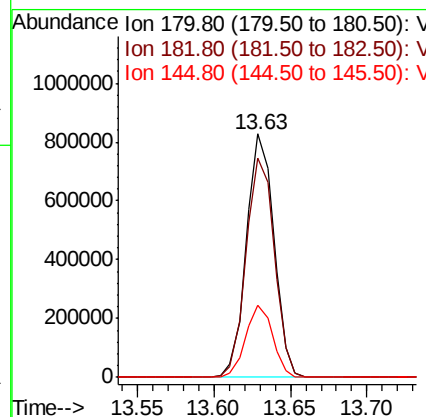
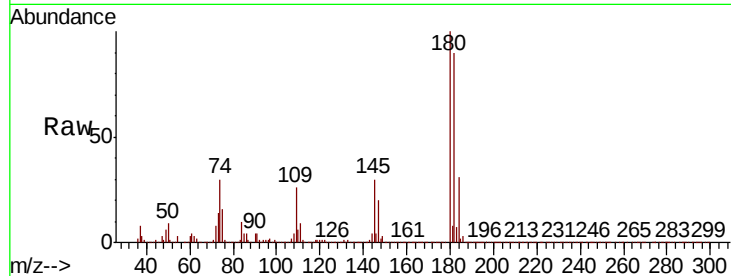




#93
 1,2,4-Trichlorobenzene
 Concen: 50.475 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015371.D
 Acq: 26 Mar 2020 21:46

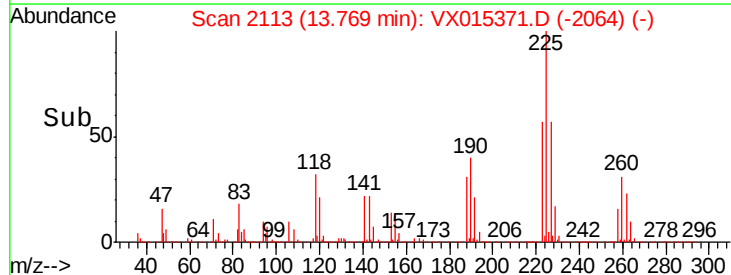
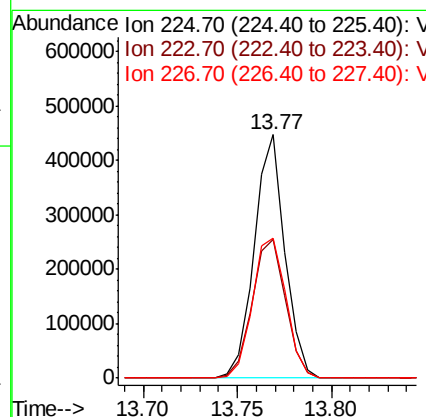
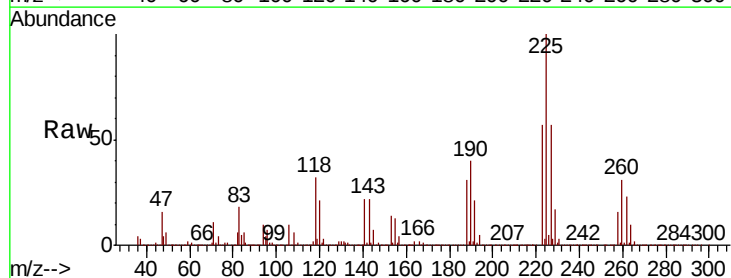
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032720

Tot Ion:180 Resp: 1034300
 Ion Ratio Lower Upper
 180 100
 182 92.6 46.9 140.7
 145 29.2 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 51.506 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015371.D
 Acq: 26 Mar 2020 21:46

Tgt Ion:225 Resp: 502496
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.9 95.7
 227 63.3 30.4 91.3

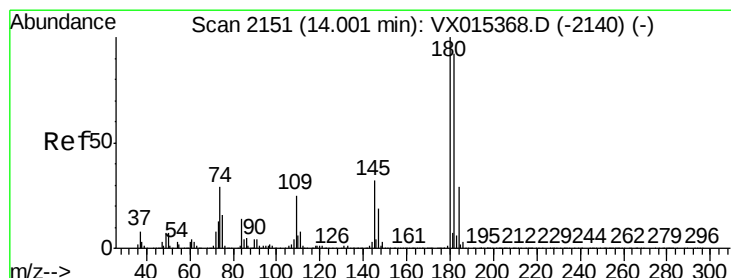
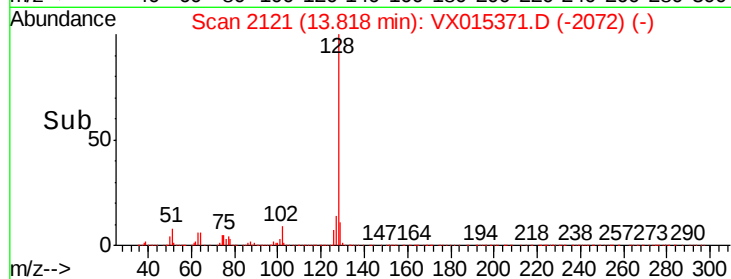
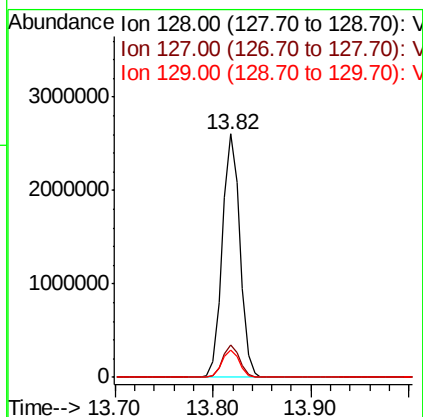
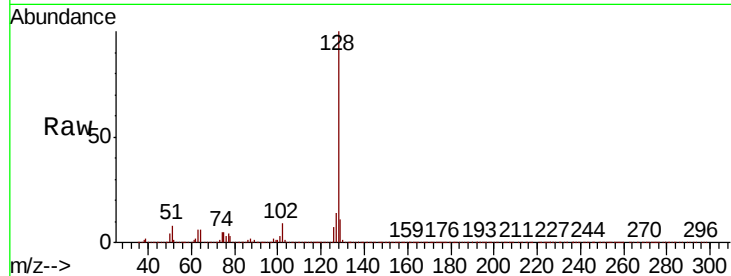




#95
Naphthalene
Concen: 51.926 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Instrument :
MSVOA_X
ClientSampleId :
ICVVX032720

Tot Ion:128 Resp: 3245705
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.871 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015371.D
Acq: 26 Mar 2020 21:46

Tgt Ion:180 Resp: 1003624
Ion Ratio Lower Upper
180 100
182 98.7 46.7 140.0
145 32.1 15.8 47.3

