Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
Data File : VX025089.D
Acq On : 08 Nov 2021 09:50
Operator : JC/MD
Sample : VSTD01025
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 09 03:36:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 09 03:33:09 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTD010625

Manual IntegrationsAPPROVED

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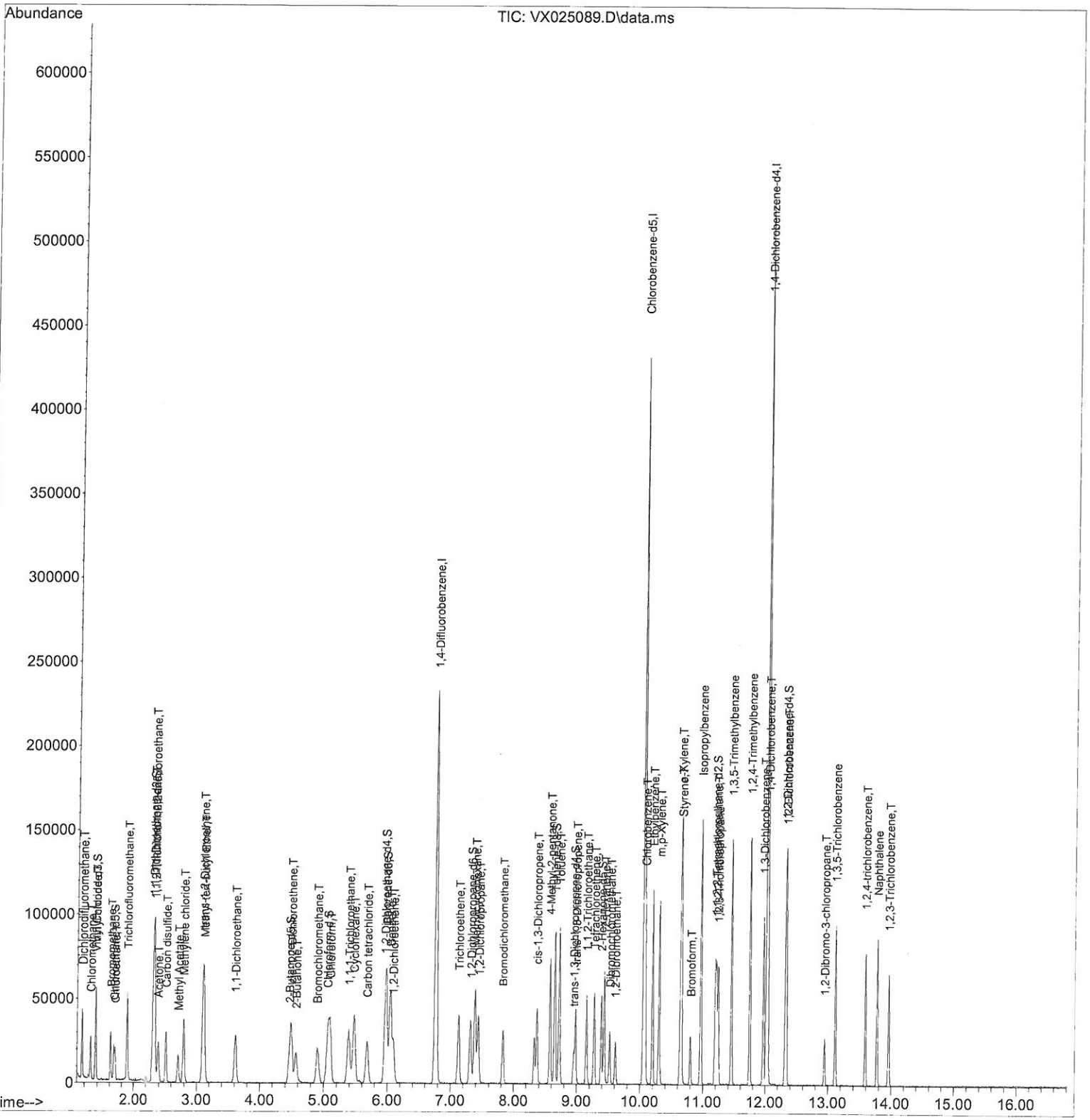

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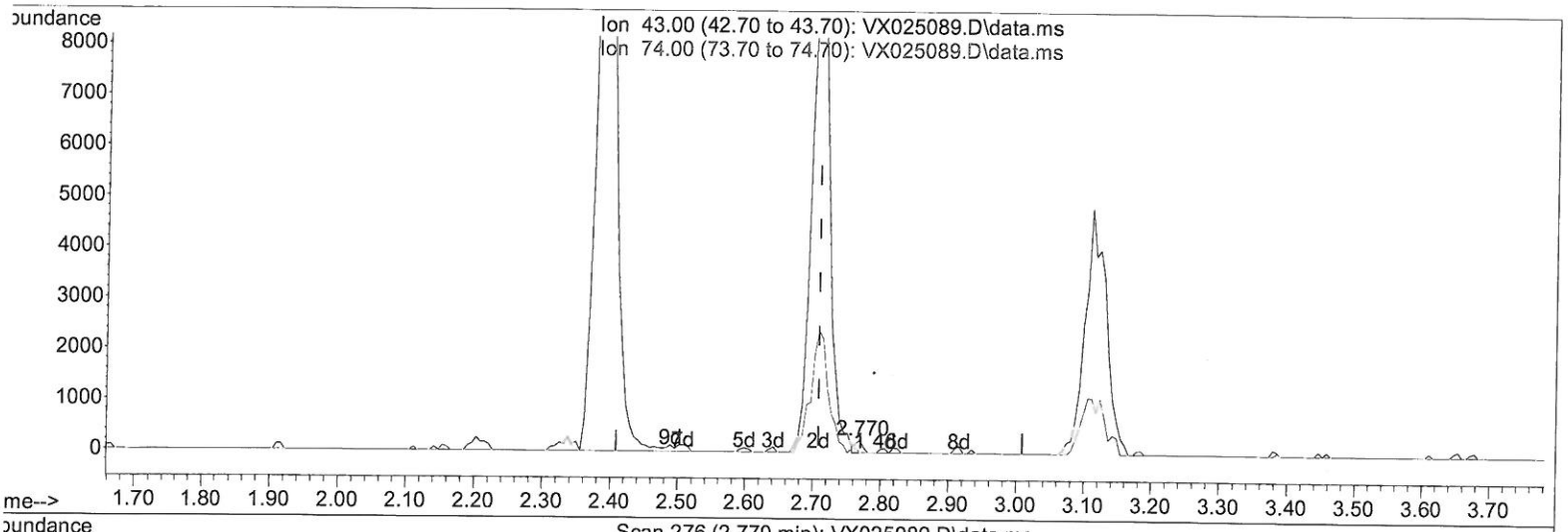

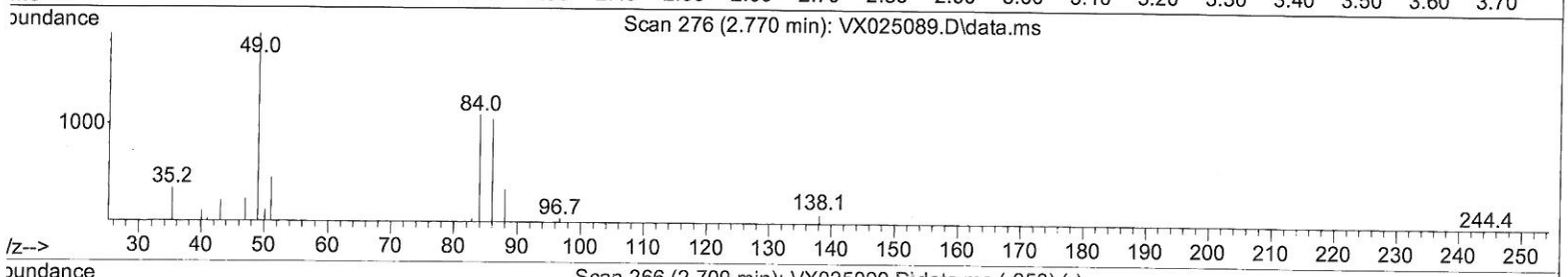

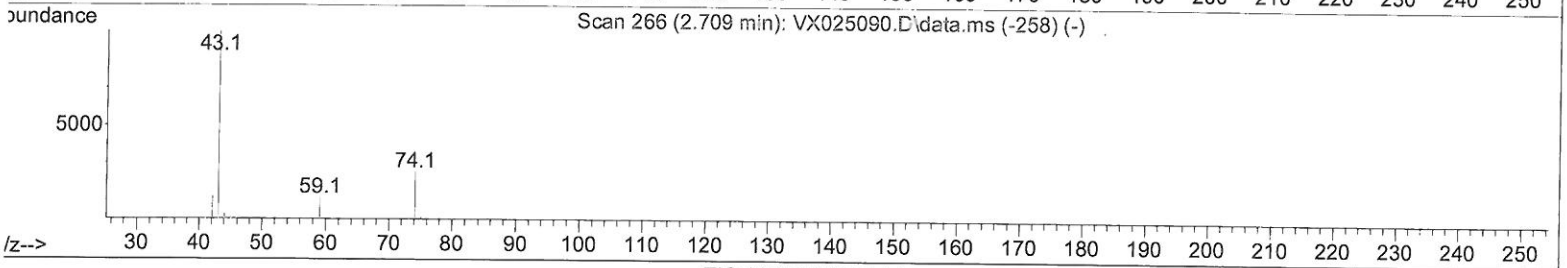

TIC: VX025089.D\data.ms

(15) Methyl Acetate (T)

2.770min (+ 0.061) 0.11 ug/L

response 188

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	35.70	33.51
0.00	0.00	0.00
0.00	0.00	0.00

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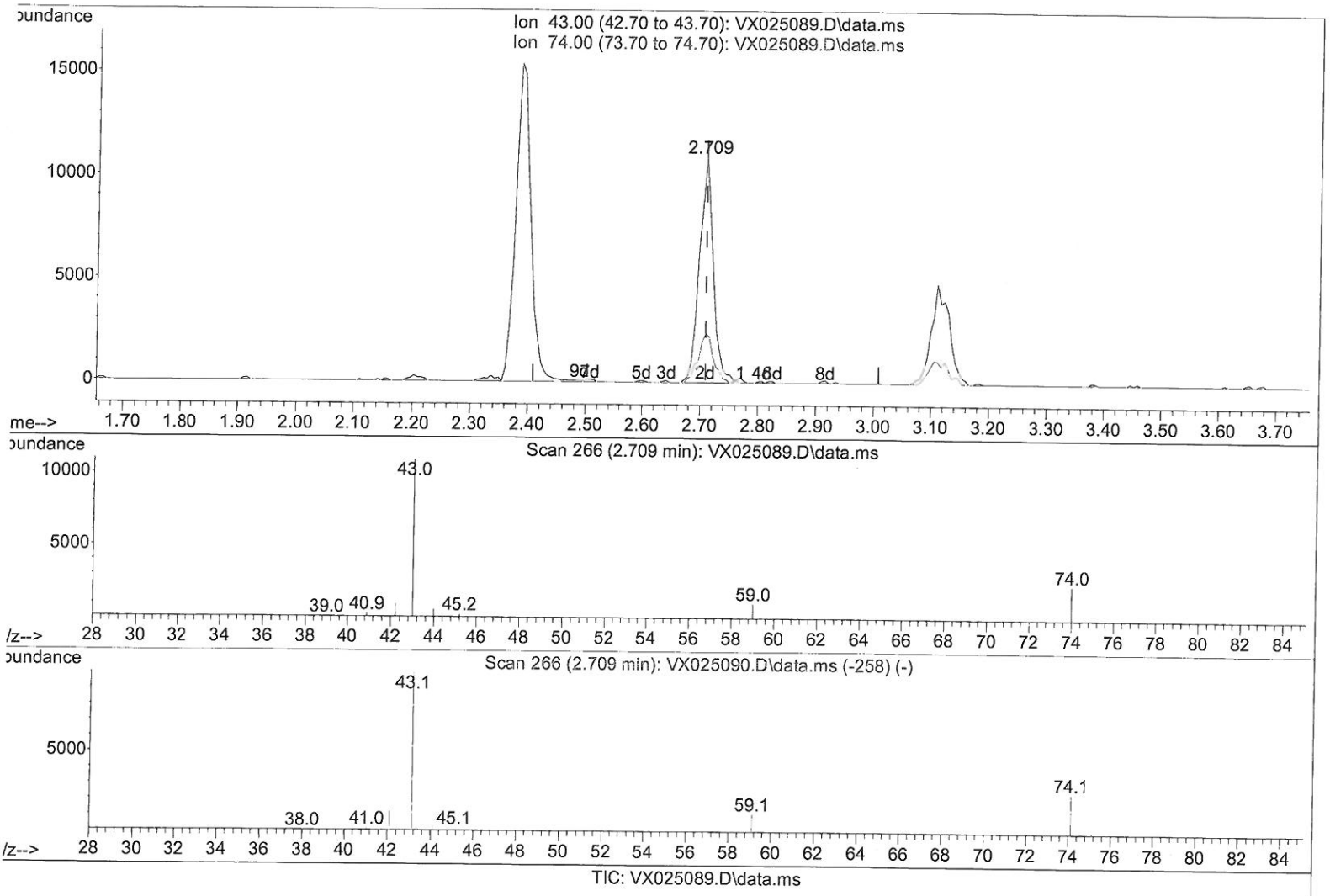

TIC: VX025089.D\data.ms

(15) Methyl Acetate (T)

2.709min (-0.000) 10.14 ug/L m

response 18066

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	35.70	0.35#
0.00	0.00	0.00
0.00	0.00	0.00

JMD 11/09/21

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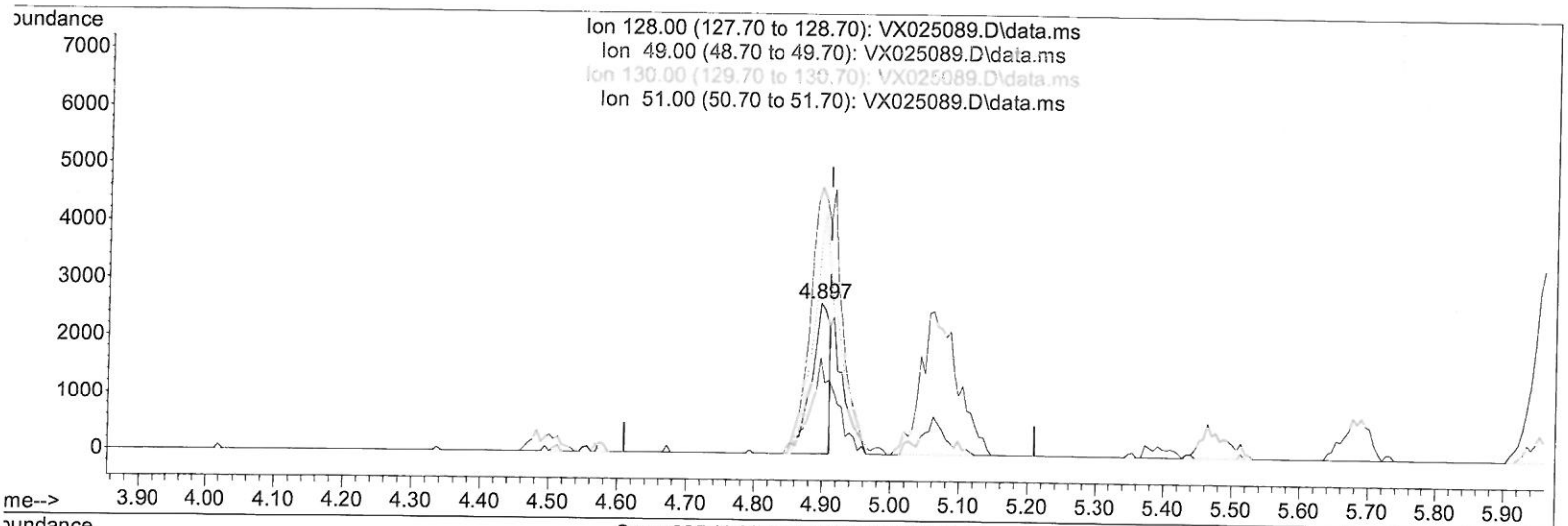

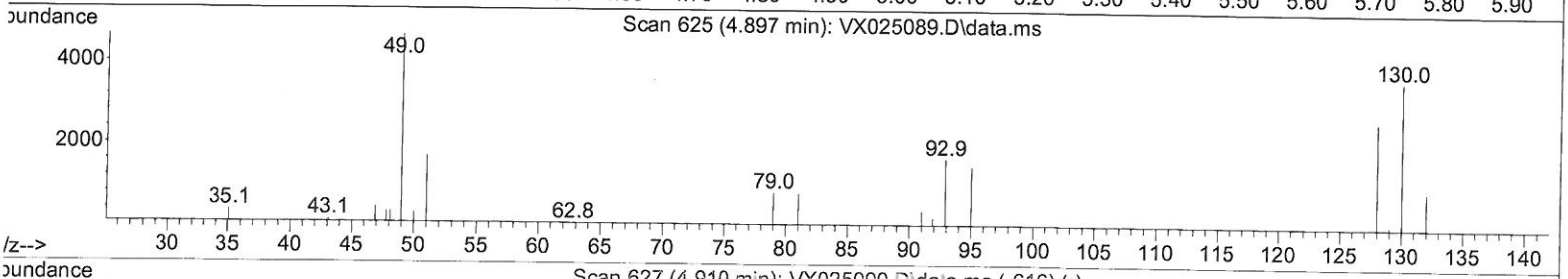

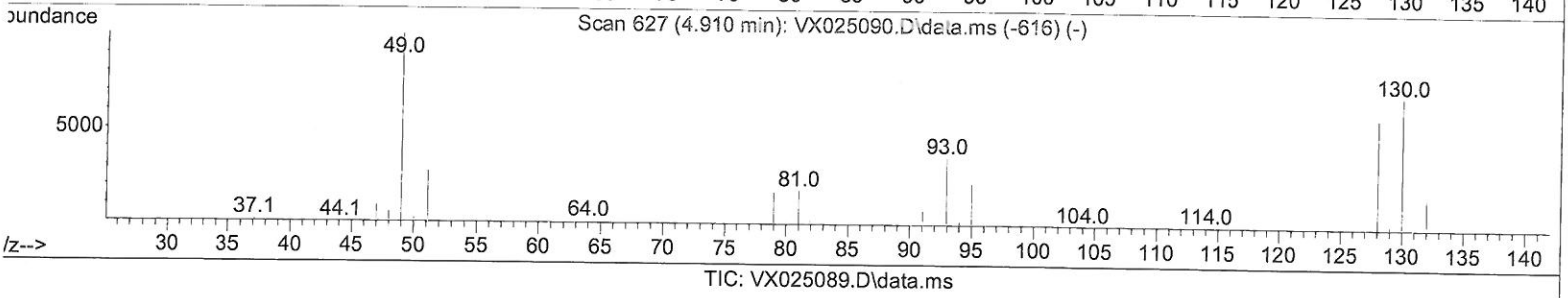

TIC: VX025089.D\data.ms

(23) Bromochloromethane (T)

4.897min (-0.012) 6.35 ug/L

response 4743

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	102.10	176.58#
130.00	120.40	138.27
51.00	34.90	63.67#

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ClientSampleId :
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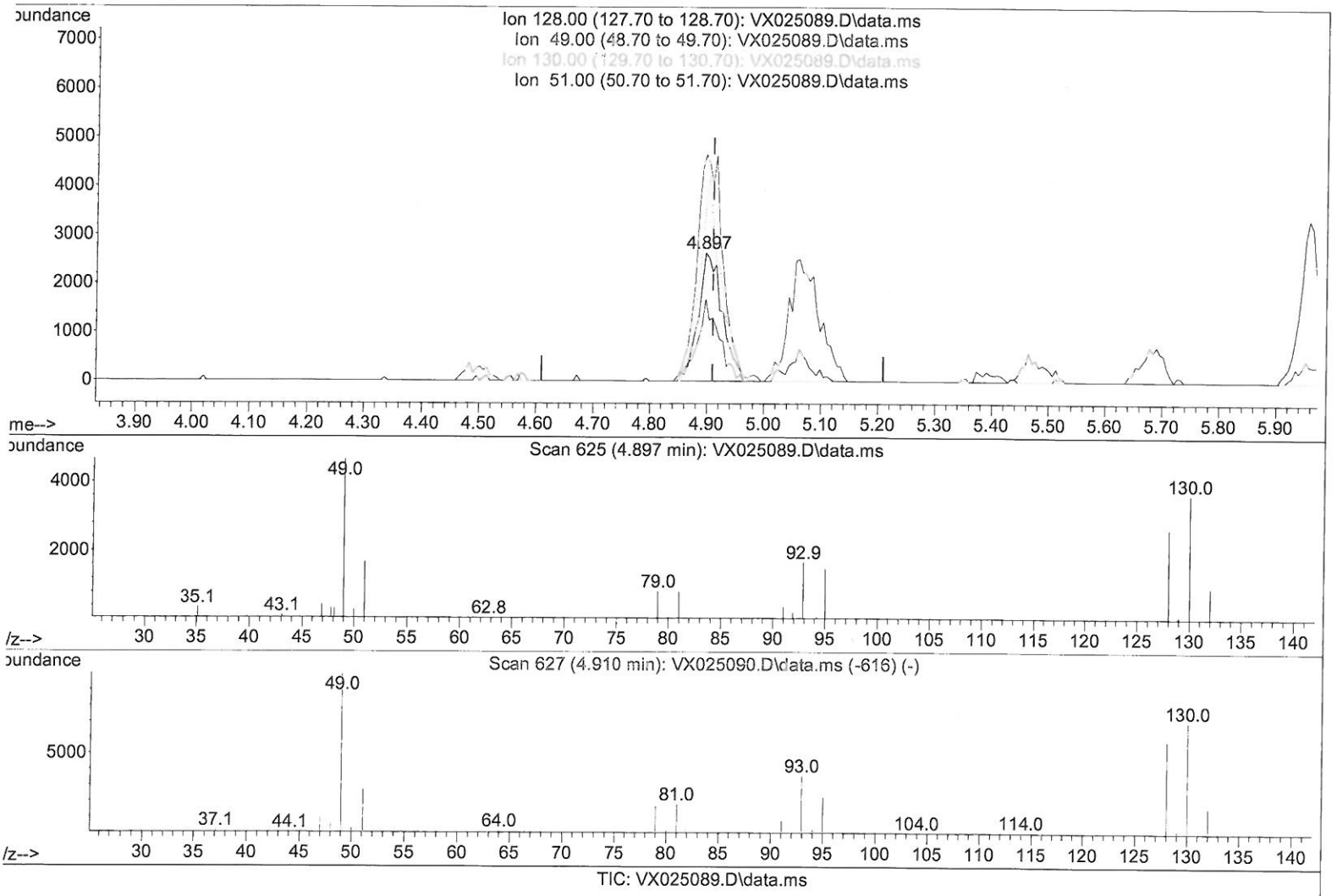

(23) Bromochloromethane (T)

4.897min (-0.012) 10.23 ug/L m > MD 11/09/21

response 7642

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	102.10	176.58#
130.00	120.40	138.27
51.00	34.90	63.67#

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Instrument :
MSVOA_X
ClientSampleId :
VSTD010625

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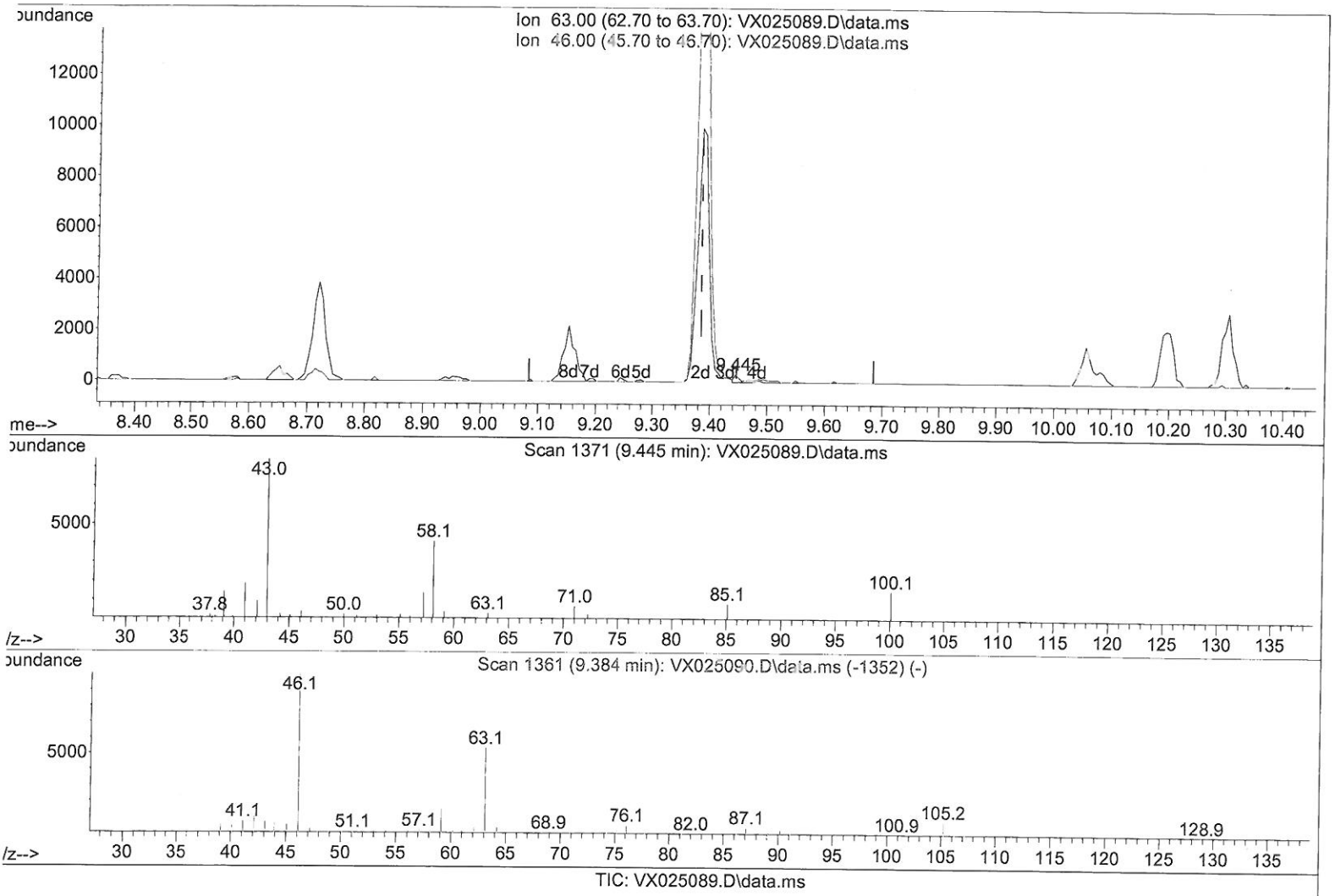

(47) 2-Hexanone-d5 (S)

9.445min (+ 0.061) 0.21 ug/L

response 168

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	140.40	115.48
0.00	0.00	0.00
0.00	0.00	0.00

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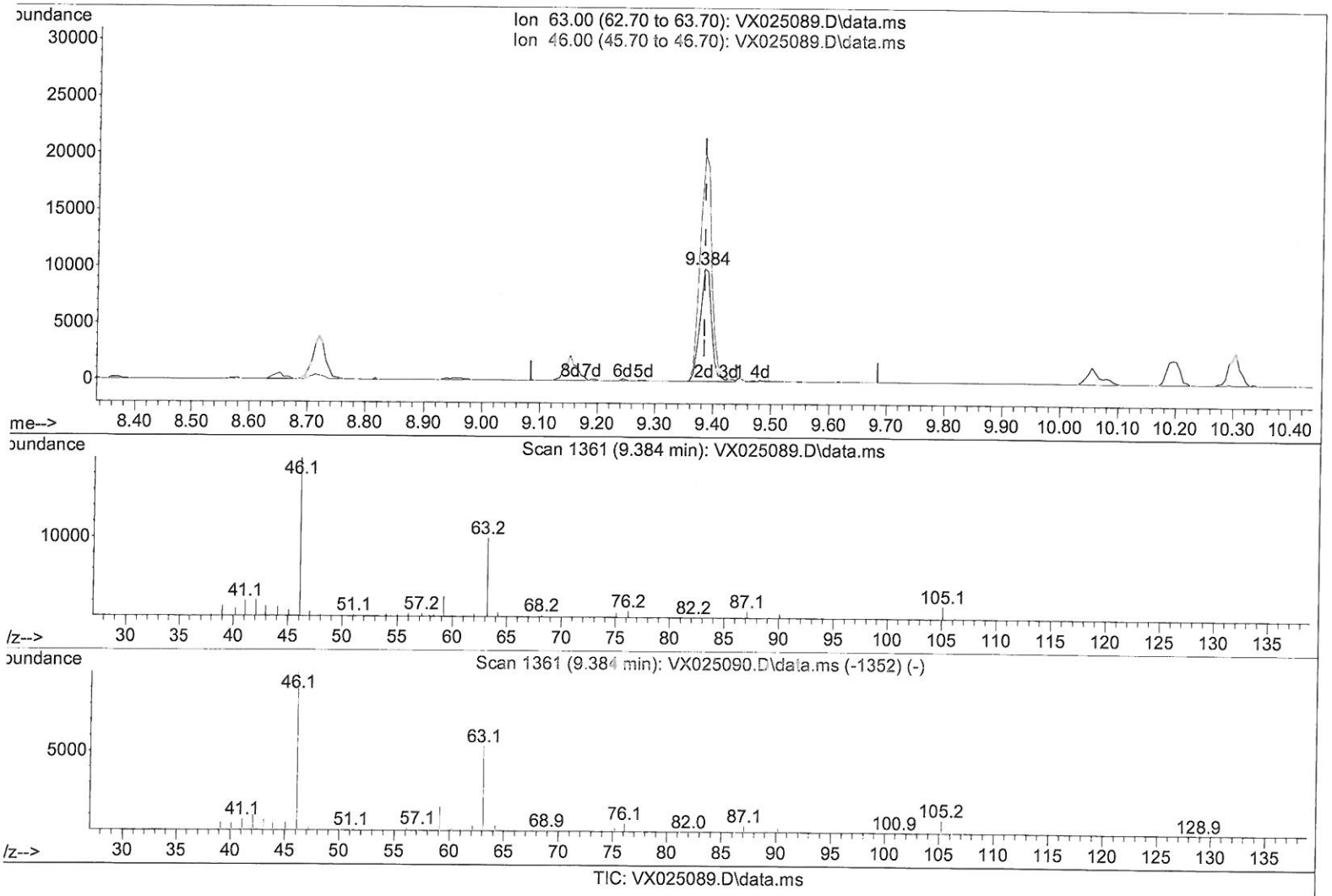

(47) 2-Hexanone-d5 (S)

9.384min (-0.000) 17.29 ug/L m MD 11/09/21

response 13737

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	140.40	1.41#
0.00	0.00	0.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	207798	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	164684	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	98712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	19671	13.911	ug/L	0.00
7) Chloroethane-d5	1.672	69	13114	13.533	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	37989	11.584	ug/L	0.00
21) 2-Butanone-d5	4.465	46	27616	20.784	ug/L	0.00
24) Chloroform-d	5.056	84	38668	11.146	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	25496	10.189	ug/L	0.00
32) Benzene-d6	5.976	84	64028	12.878	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	17492	11.132	ug/L	0.00
41) Toluene-d8	8.647	98	51324	11.515	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	8161	8.962	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	13737m	17.286	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	27644	13.197	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	18866	9.899	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	22410	11.457	ug/L	99
3) Chloromethane	1.294	50	15906	11.675	ug/L	85
5) Vinyl chloride	1.374	62	18670	11.932	ug/L	97
6) Bromomethane	1.617	94	12038	11.957	ug/L	85
8) Chloroethane	1.691	64	10819	13.204	ug/L	90
9) Trichlorofluoromethane	1.892	101	33014	9.879	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	17447	11.358	ug/L	90
12) 1,1-Dichloroethene	2.325	96	14442	10.979	ug/L	88
13) Acetone	2.386	43	27648	22.210	ug/L	98
14) Carbon disulfide	2.514	76	37463	10.674	ug/L	99
15) Methyl Acetate	2.709	43	18066m	10.144	ug/L	
16) Methylene chloride	2.788	84	17243	11.553	ug/L	84
17) trans-1,2-Dichloroethene	3.099	96	15328	11.499	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	57793	10.605	ug/L #	91
19) 1,1-Dichloroethane	3.611	63	31654	10.368	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	17323	11.381	ug/L	95
22) 2-Butanone	4.568	43	31842	20.912	ug/L	84
23) Bromochloromethane	4.897	128	7642m	10.228	ug/L	
25) Chloroform	5.099	83	35767	10.523	ug/L	91
27) 1,2-Dichloroethane	6.086	62	28286	9.615	ug/L	98
29) Cyclohexane	5.470	56	27110	11.808	ug/L #	73
30) 1,1,1-Trichloroethane	5.391	97	29949	10.392	ug/L #	91
31) Carbon tetrachloride	5.678	117	23070	9.482	ug/L	100
33) Benzene	6.044	78	68858	12.883	ug/L	100
34) Trichloroethene	7.129	95	15239	10.039	ug/L	94
35) Methylcyclohexane	7.385	83	23631	10.850	ug/L #	85
37) 1,2-Dichloropropane	7.440	63	13675	9.551	ug/L #	89
38) Bromodichloromethane	7.824	83	20696	9.335	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	21296	9.298	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	42855	19.488	ug/L #	77
42) Toluene	8.720	91	56305	10.224	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	19316	8.033	ug/L	98

MD 11/09/21

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Quant Title : VOC Analysis
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	11055	8.048 ug/L	91
46) Tetrachloroethene	9.275	164	8062	8.477 ug/L	96
48) 2-Hexanone	9.433	43	34633	18.711 ug/L #	78
49) Dibromochloromethane	9.525	129	12422	8.223 ug/L	100
50) 1,2-Dibromoethane	9.610	107	13007	8.686 ug/L	91
51) Chlorobenzene	10.079	112	33183	9.902 ug/L	91
52) Ethylbenzene	10.195	91	60943	9.685 ug/L	96
53) m,p-Xylene	10.305	106	22574	10.325 ug/L	98
54) o-Xylene	10.646	106	22253	10.496 ug/L	99
55) Styrene	10.659	104	37830	10.496 ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	27062	12.734 ug/L	97
59) Bromoform	10.805	173	8922	7.388 ug/L	94
60) Isopropylbenzene	10.963	105	76616	9.939 ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	23671	9.958 ug/L	92
62) 1,3,5-Trimethylbenzene	11.451	105	63969	9.940 ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	64838	9.971 ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	29800	10.274 ug/L	92
65) 1,4-Dichlorobenzene	12.042	146	30047	10.059 ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	29944	10.074 ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	6772	8.642 ug/L #	72
69) 1,3,5-Trichlorobenzene	13.115	180	19630	9.139 ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	15695	8.367 ug/L	98
71) Naphthalene	13.780	128	49042	7.417 ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	11882	6.166 ug/L	92

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