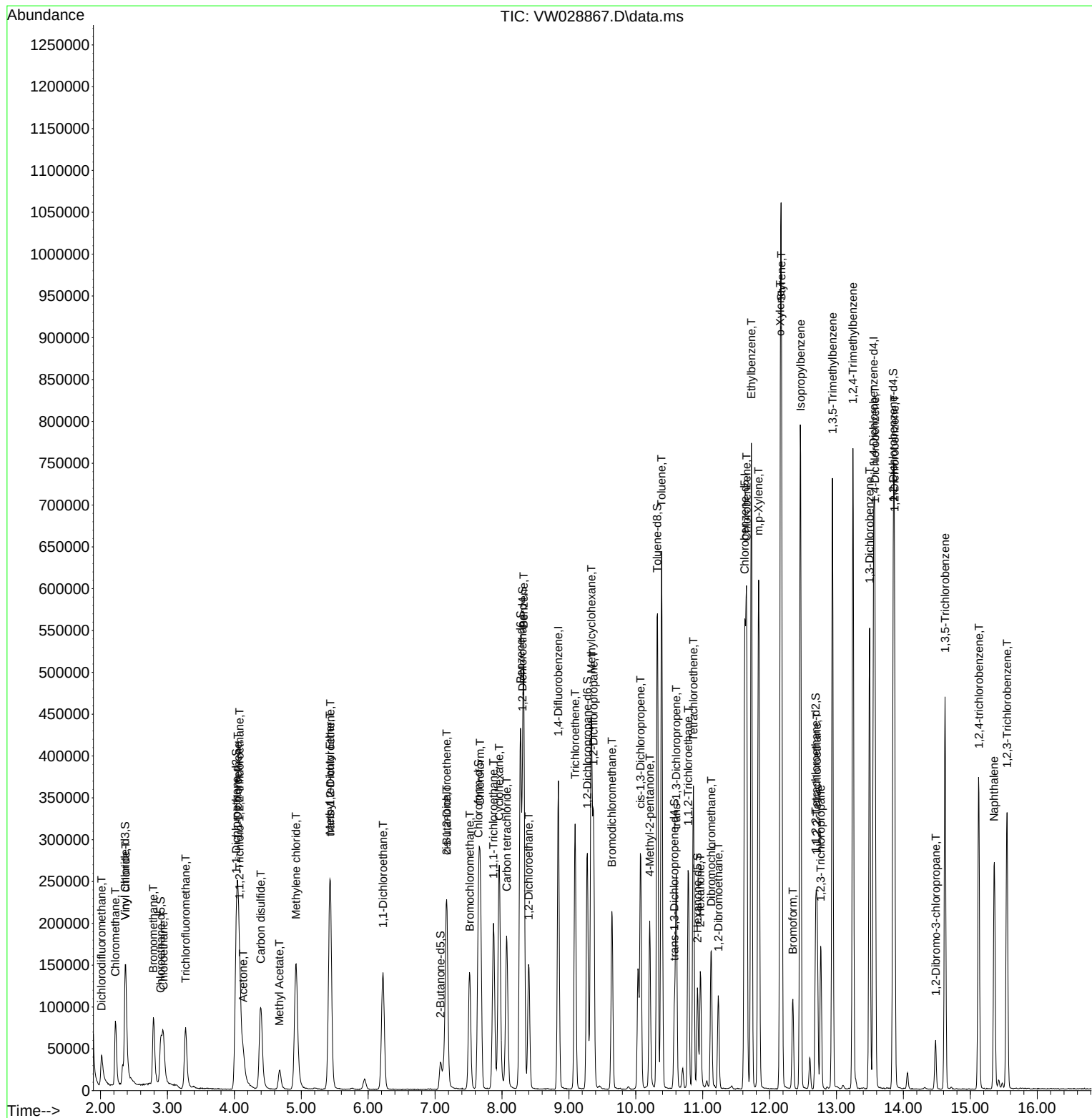


Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052824\
Data File : VW028867.D
Acq On : 29 May 2024 06:41
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

Quant Time: May 29 08:03:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 29 02:08:39 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052824\
 Data File : VW028867.D
 Acq On : 29 May 2024 06:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025599

Quant Time: May 29 08:03:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 29 02:08:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	286202	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	273140	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	132365	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	105650	19.440	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.760%
7) Chloroethane-d5	2.899	69	86547	20.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	4.027	65	47024	20.709	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.840%
21) 2-Butanone-d5	7.081	46	55947	39.458	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.920%
24) Chloroform-d	7.648	84	217205	24.288	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.160%
26) 1,2-Dichloroethane-d4	8.307	65	120883	23.611	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.440%
32) Benzene-d6	8.276	84	427183	23.441	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.760%
36) 1,2-Dichloropropane-d6	9.276	67	131440	23.969	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.880%
41) Toluene-d8	10.318	98	380098	23.552	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	10.575	79	49993	22.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.640%
47) 2-Hexanone-d5	10.922	63	38841	41.067	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99739	21.690	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	119353	23.658	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	68270	16.414	ug/L #	88
3) Chloromethane	2.222	50	94494	18.339	ug/L	97
5) Vinyl chloride	2.375	62	112085	19.322	ug/L	100
6) Bromomethane	2.789	94	68806	20.504	ug/L	96
8) Chloroethane	2.942	64	70242	21.232	ug/L	95
9) Trichlorofluoromethane	3.271	101	89170	18.723	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	90290	20.563	ug/L #	52
12) 1,1-Dichloroethene	4.051	96	86060	21.849	ug/L	91
13) Acetone	4.131	43	37258	28.884	ug/L	98
14) Carbon disulfide	4.393	76	238471	17.914	ug/L	98
15) Methyl Acetate	4.673	43	46074	20.531	ug/L	99
16) Methylene chloride	4.923	84	124866	28.210	ug/L	94
17) trans-1,2-Dichloroethene	5.435	96	95891	23.383	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	154223	25.484	ug/L	98
19) 1,1-Dichloroethane	6.222	63	203795	25.061	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	110558	25.761	ug/L	96
22) 2-Butanone	7.173	43	58311	35.220	ug/L	98
23) Bromochloromethane	7.520	128	47389	25.313	ug/L	94
25) Chloroform	7.673	83	204662	26.021	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052824\
 Data File : VW028867.D
 Acq On : 29 May 2024 06:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025599

Quant Time: May 29 08:03:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 29 02:08:39 2024
 Response via : Initial Calibration

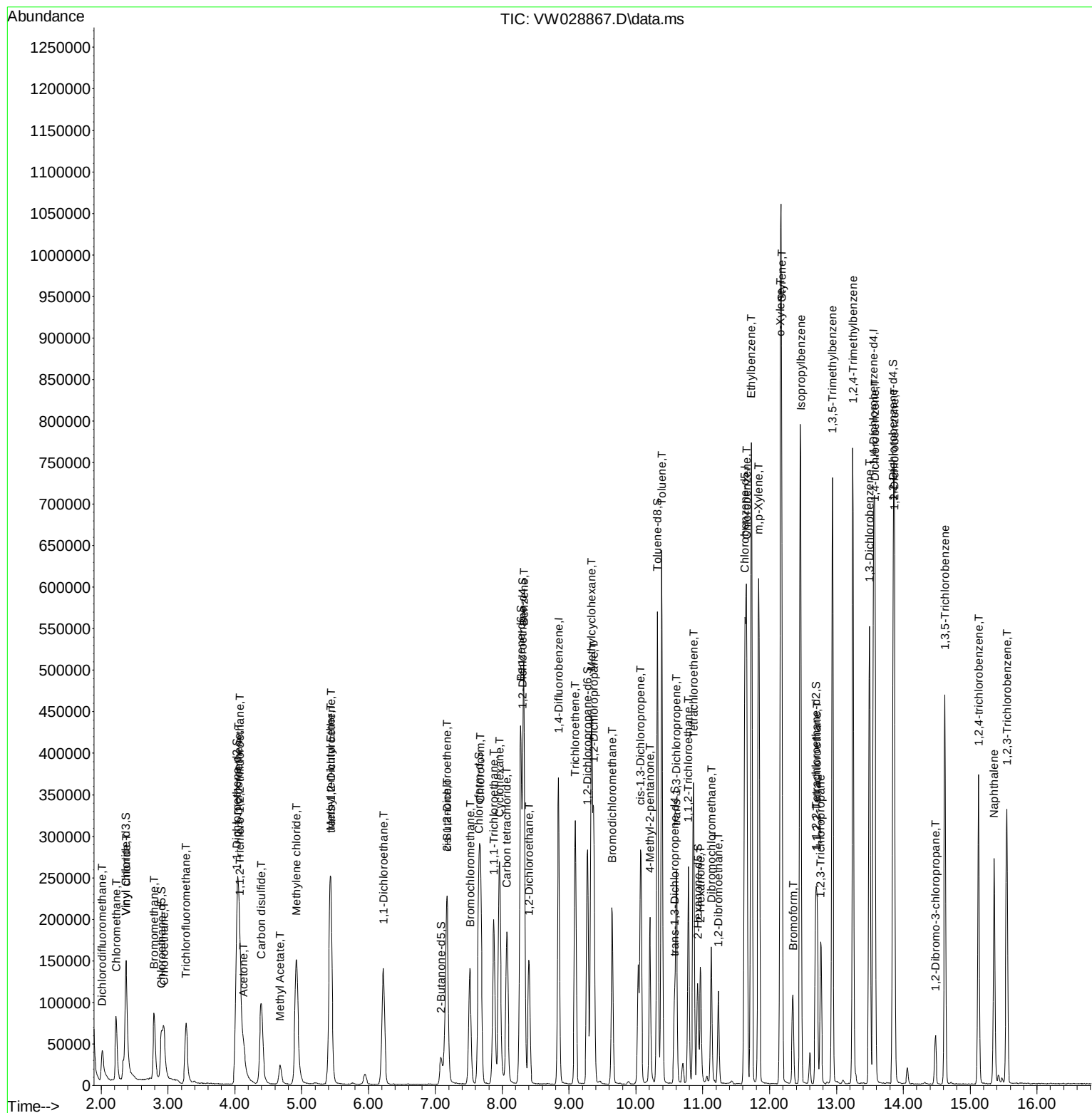
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138898	24.294	ug/L	99
29) Cyclohexane	7.959	56	151240	19.420	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	155788	22.761	ug/L	99
31) Carbon tetrachloride	8.069	117	136287	21.839	ug/L	99
33) Benzene	8.325	78	424014	23.939	ug/L	100
34) Trichloroethene	9.093	95	109616	23.083	ug/L	94
35) Methylcyclohexane	9.337	83	171897	20.713	ug/L	98
37) 1,2-Dichloropropane	9.367	63	115939	25.121	ug/L	100
38) Bromodichloromethane	9.642	83	142400	25.311	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	161662	24.438	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	131602	41.896	ug/L	98
42) Toluene	10.386	91	445631	24.360	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	136445	24.463	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	81338	24.328	ug/L	98
46) Tetrachloroethene	10.861	164	75102	21.951	ug/L	94
48) 2-Hexanone	10.965	43	89998	40.583	ug/L	98
49) Dibromochloromethane	11.129	129	85258	25.424	ug/L	98
50) 1,2-Dibromoethane	11.233	107	74159	23.679	ug/L	92
51) Chlorobenzene	11.654	112	289745	25.605	ug/L	98
52) Ethylbenzene	11.727	91	518488	25.045	ug/L	95
53) m,p-Xylene	11.836	106	189181	24.929	ug/L	91
54) o-Xylene	12.160	106	178908	25.484	ug/L	96
55) Styrene	12.178	104	314363	26.426	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	95071	22.665	ug/L	96
59) Bromoform	12.349	173	46674	24.170	ug/L	98
60) Isopropylbenzene	12.464	105	501554	24.976	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	71615	22.387	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	367694	25.879	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	390227	25.490	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	212322	25.416	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	221687	25.956	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	199377	26.665	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	15473	20.688	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.623	180	131167	23.398	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	106586	23.531	ug/L	96
71) Naphthalene	15.354	128	227406	23.564	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	106254	25.997	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052824\
Data File : VW028867.D
Acq On : 29 May 2024 06:41
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

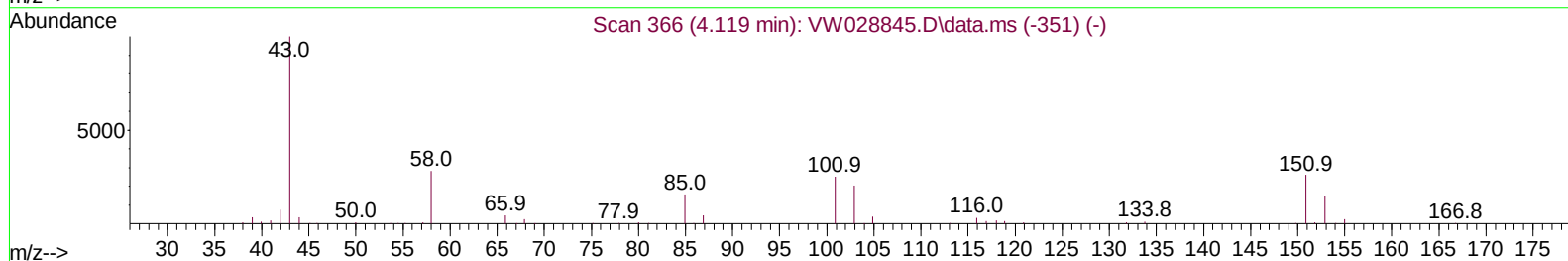
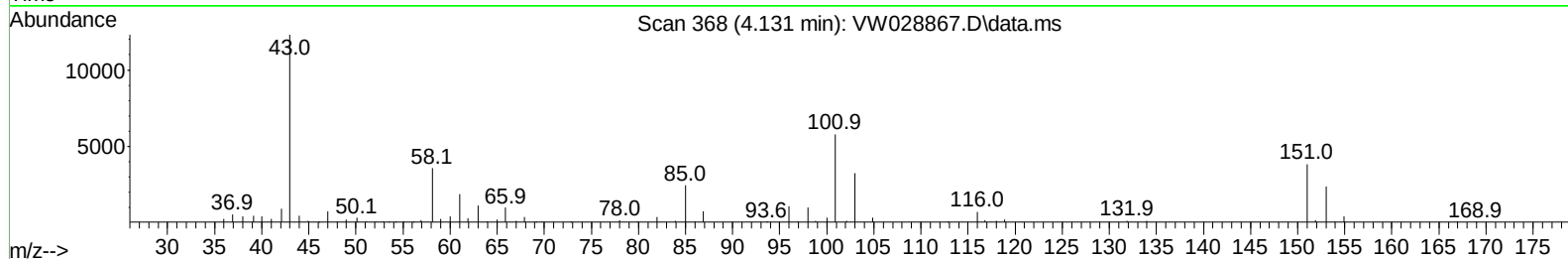
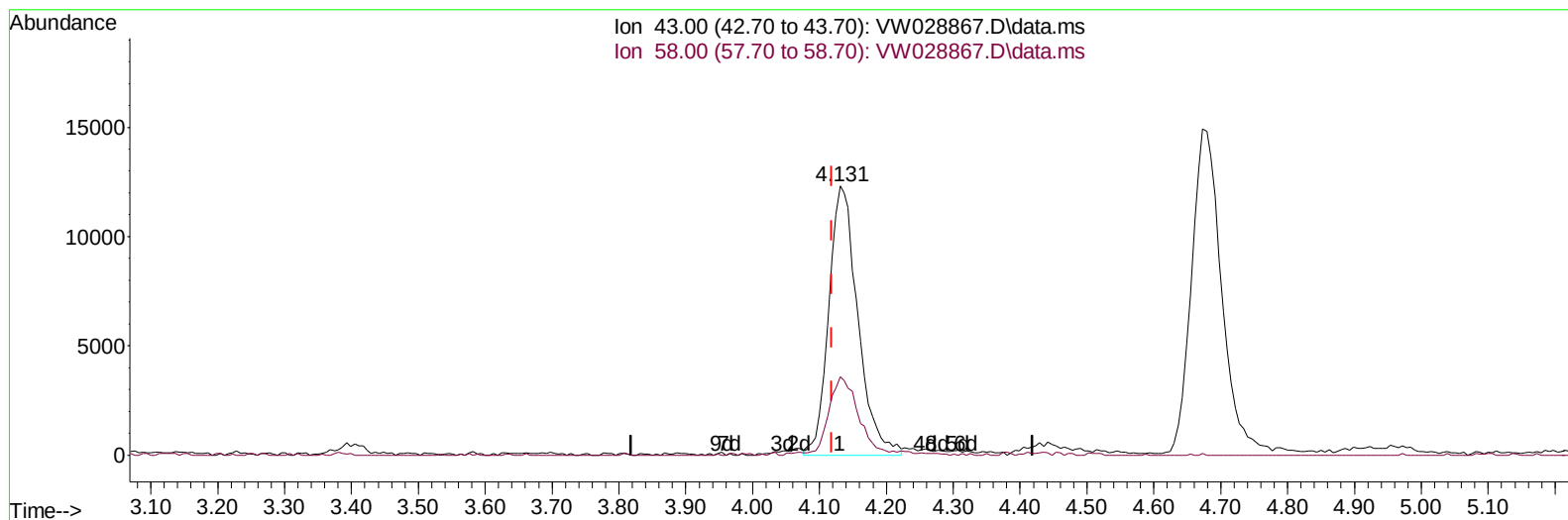
Quant Time: May 29 07:13:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 29 02:08:39 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052824\
Data File : VW028867.D
Acq On : 29 May 2024 06:41
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

Quant Time: May 29 07:13:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 29 02:08:39 2024
Response via : Initial Calibration



TIC: VW028867.D\data.ms

(13) Acetone (T)

4.131min (+ 0.012) 28.88 ug/L

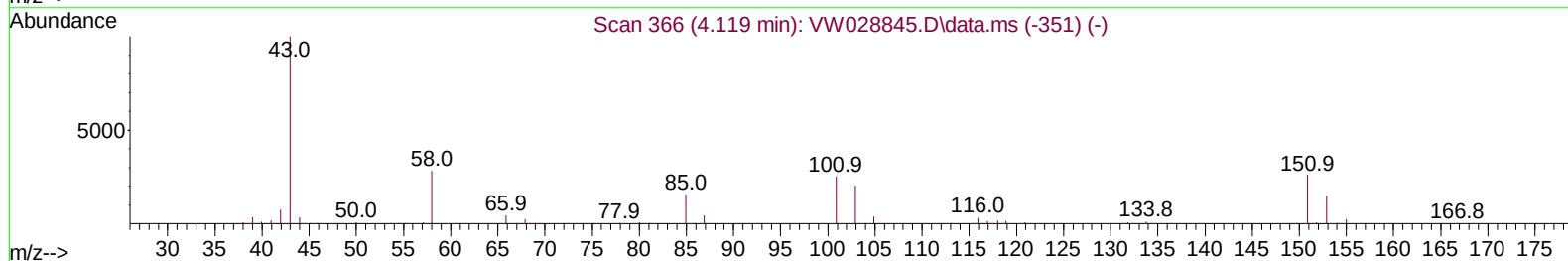
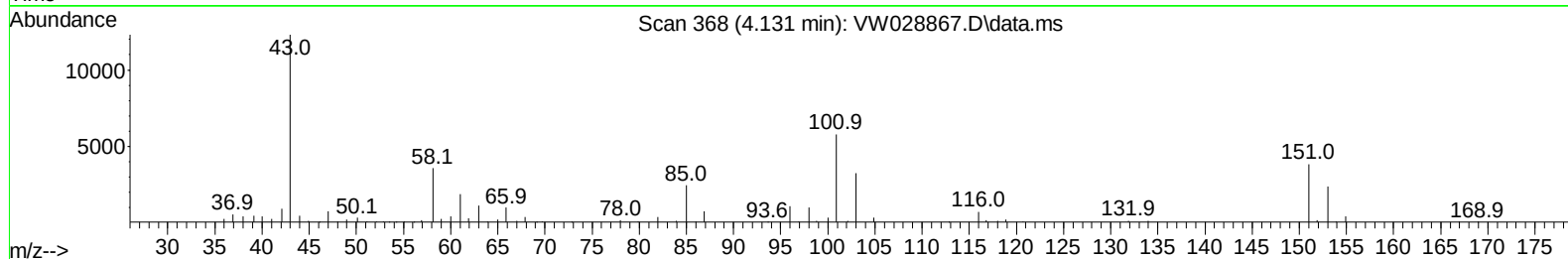
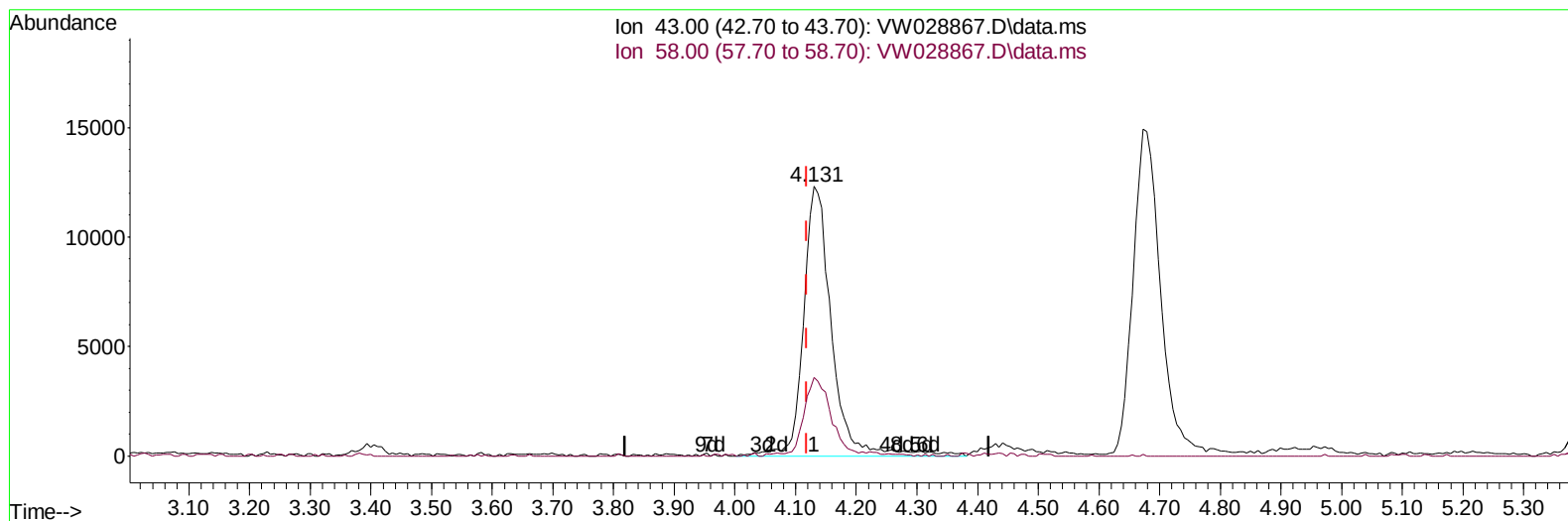
response 37258

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	27.20	28.40
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052824\
Data File : VW028867.D
Acq On : 29 May 2024 06:41
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

Quant Time: May 29 07:13:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 29 02:08:39 2024
Response via : Initial Calibration



TIC: VW028867.D\data.ms

(13) Acetone (T)

4.131min (+ 0.012) 30.76 ug/L m

response 39676

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	27.20	26.67
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052824\
 Data File : VW028867.D
 Acq On : 29 May 2024 06:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025599

Quant Time: May 29 07:13:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 29 02:08:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	286202	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	273140	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	132365	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	105650	19.440	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	77.760%	
7) Chloroethane-d5	2.899	69	86547	20.798	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	83.200%	
11) 1,1-Dichloroethene-d2	4.027	65	47024	20.709	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	82.840%	
21) 2-Butanone-d5	7.081	46	55947	39.458	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	78.920%	
24) Chloroform-d	7.648	84	217205	24.288	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	97.160%	
26) 1,2-Dichloroethane-d4	8.307	65	120883	23.611	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	94.440%	
32) Benzene-d6	8.276	84	427183	23.441	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	93.760%	
36) 1,2-Dichloropropane-d6	9.276	67	131440	23.969	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	95.880%	
41) Toluene-d8	10.318	98	380098	23.552	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	94.200%	
43) trans-1,3-Dichloroprop...	10.575	79	49993	22.662	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	90.640%	
47) 2-Hexanone-d5	10.922	63	38841	41.067	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	82.140%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99739	21.690	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	86.760%	
66) 1,2-Dichlorobenzene-d4	13.848	152	119353	23.658	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	94.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	68270	16.414	ug/L #	88
3) Chloromethane	2.222	50	94494	18.339	ug/L	97
5) Vinyl chloride	2.375	62	112085	19.322	ug/L	100
6) Bromomethane	2.789	94	68806	20.504	ug/L	96
8) Chloroethane	2.942	64	70242	21.232	ug/L	95
9) Trichlorofluoromethane	3.271	101	89170	18.723	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	90290	20.563	ug/L #	52
12) 1,1-Dichloroethene	4.051	96	86060	21.849	ug/L	91
13) Acetone	4.131	43	39676m	30.759	ug/L	
14) Carbon disulfide	4.393	76	238471	17.914	ug/L	98
15) Methyl Acetate	4.673	43	46074	20.531	ug/L	99
16) Methylene chloride	4.923	84	124866	28.210	ug/L	94
17) trans-1,2-Dichloroethene	5.435	96	95891	23.383	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	154223	25.484	ug/L	98
19) 1,1-Dichloroethane	6.222	63	203795	25.061	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	110558	25.761	ug/L	96
22) 2-Butanone	7.173	43	58311	35.220	ug/L	98
23) Bromochloromethane	7.520	128	47389	25.313	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052824\
 Data File : VW028867.D
 Acq On : 29 May 2024 06:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025599

Quant Time: May 29 07:13:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 29 02:08:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.673	83	204662	26.021	ug/L	98
27) 1,2-Dichloroethane	8.398	62	138898	24.294	ug/L	99
29) Cyclohexane	7.959	56	151240	19.420	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	155788	22.761	ug/L	99
31) Carbon tetrachloride	8.069	117	136287	21.839	ug/L	99
33) Benzene	8.325	78	424014	23.939	ug/L	100
34) Trichloroethene	9.093	95	109616	23.083	ug/L	94
35) Methylcyclohexane	9.337	83	171897	20.713	ug/L	98
37) 1,2-Dichloropropane	9.367	63	115939	25.121	ug/L	100
38) Bromodichloromethane	9.642	83	142400	25.311	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	161662	24.438	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	131602	41.896	ug/L	98
42) Toluene	10.386	91	445631	24.360	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	136445	24.463	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	81338	24.328	ug/L	98
46) Tetrachloroethene	10.861	164	75102	21.951	ug/L	94
48) 2-Hexanone	10.965	43	89998	40.583	ug/L	98
49) Dibromochloromethane	11.129	129	85258	25.424	ug/L	98
50) 1,2-Dibromoethane	11.233	107	74159	23.679	ug/L	92
51) Chlorobenzene	11.654	112	289745	25.605	ug/L	98
52) Ethylbenzene	11.727	91	518488	25.045	ug/L	95
53) m,p-Xylene	11.836	106	189181	24.929	ug/L	91
54) o-Xylene	12.160	106	178908	25.484	ug/L	96
55) Styrene	12.178	104	314363	26.426	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	95071	22.665	ug/L	96
59) Bromoform	12.349	173	46674	24.170	ug/L	98
60) Isopropylbenzene	12.464	105	501554	24.976	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	71615	22.387	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	367694	25.879	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	390227	25.490	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	212322	25.416	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	221687	25.956	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	199377	26.665	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	15473	20.688	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.623	180	131167	23.398	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	106586	23.531	ug/L	96
71) Naphthalene	15.354	128	227406	23.564	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	106254	25.997	ug/L	98

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