LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
Data File : VD080354.D
Acq On : 15 May 2025 17:44
Operator : RP/MD
Sample : Q2014-01
Misc : 4.48G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MOO-25-0134

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Title : SW846 8260

Signal : TIC: VD080354.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.894	17	21	27	rVB4	5495	7944	1.31%	0.158%
2	2.259	78	83	90	rBV2	8884	18612	3.06%	0.370%
3	2.423	106	111	117	rBV2	12322	21730	3.58%	0.432%
4	3.659	308	321	334	rBV3	55134	200091	32.95%	3.978%
5	4.023	373	383	395	rBV	46482	131459	21.65%	2.614%
6	4.282	415	427	435	rBV3	12665	37198	6.13%	0.740%
7	4.800	512	515	516	rVV2	6701	8522	1.40%	0.169%
8	4.812	516	517	522	rVB3	7153	7328	1.21%	0.146%
9	5.853	690	694	700	rVB7	3421	7358	1.21%	0.146%
10	6.011	710	721	725	rBV3	4603	12930	2.13%	0.257%
11	6.800	847	855	856	rBV2	4165	6632	1.09%	0.132%
12	7.088	898	904	912	rBV2	7285	17294	2.85%	0.344%
13	7.170	912	918	919	rVV2	3961	6287	1.04%	0.125%
14	7.805	1018	1026	1032	rBV	86351	211978	34.91%	4.215%
15	7.876	1032	1038	1047	rVB	123867	281205	46.31%	5.591%
16	8.235	1090	1099	1111	rBV2	72939	185040	30.47%	3.679%
17	8.482	1136	1141	1151	rVB3	9145	19351	3.19%	0.385%
18	8.647	1162	1169	1174	rBV6	6804	17013	2.80%	0.338%
19	8.688	1174	1176	1182	rVV5	4689	6571	1.08%	0.131%
20	8.782	1182	1192	1202	rVV	209000	437557	72.05%	8.699%
21	9.347	1279	1288	1297	rBV4	9798	20910	3.44%	0.416%
22	9.447	1299	1305	1313	rVB	67788	126488	20.83%	2.515%
23	10.270	1436	1445	1451	rBV	334239	607287	100.00%	12.074%
24	10.335	1451	1456	1468	rVB2	43993	99156	16.33%	1.971%
25	10.458	1474	1477	1483	rVB2	5284	8156	1.34%	0.162%
26	10.582	1492	1498	1504	rVB6	9850	21071	3.47%	0.419%
27	11.017	1567	1572	1579	rVB4	14345	25912	4.27%	0.515%
28	11.582	1661	1668	1679	rBV	301000	521739	85.91%	10.373%
29	11.682	1679	1685	1691	rBV2	12152	21284	3.50%	0.423%
30	11.788	1695	1703	1715	rBV2	40744	86891	14.31%	1.728%
31	12.117	1754	1759	1766	rVB2	23600	36024	5.93%	0.716%
32	12.299	1782	1790	1796	rBV5	4298	8910	1.47%	0.177%
33	12.570	1830	1836	1848	rBV	219987	370848	61.07%	7.373%
34	12.823	1874	1879	1882	rBV2	14851	25576	4.21%	0.509%
35	12.899	1888	1892	1897	rVB4	11410	16661	2.74%	0.331%
36	13.058	1914	1919	1923	rBV4	6302	10532	1.73%	0.209%

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Integrator: RTE
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Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Title : SW846 8260

37	13.211	1937	1945	1953	rBV3	34855	65936	10.86%	1.311%
38	13.458	1979	1987	1991	rBV	156741	240938	39.67%	4.790%
39	13.517	1991	1997	2006	rVB2	302189	532714	87.72%	10.591%
40	13.676	2018	2024	2025	rBV4	5389	6909	1.14%	0.137%
41	13.711	2025	2030	2034	rVV2	27667	46078	7.59%	0.916%
42	13.752	2034	2037	2047	rVB3	26763	46846	7.71%	0.931%
43	13.911	2059	2064	2068	rBV2	7871	11080	1.82%	0.220%
44	13.976	2068	2075	2078	rBV3	23496	45677	7.52%	0.908%
45	14.058	2084	2089	2095	rVB	36913	59060	9.73%	1.174%
46	14.164	2103	2107	2115	rBV7	11042	24798	4.08%	0.493%
47	14.299	2125	2130	2134	rBV3	13435	20058	3.30%	0.399%
48	14.382	2139	2144	2147	rVV	21072	32891	5.42%	0.654%
49	14.423	2147	2151	2156	rVV2	35637	52873	8.71%	1.051%
50	14.652	2185	2190	2195	rBV3	18460	29086	4.79%	0.578%
51	14.764	2201	2209	2217	rBV3	34101	76488	12.60%	1.521%
52	15.329	2300	2305	2312	rBV2	28101	55015	9.06%	1.094%
53	16.405	2481	2488	2494	rBV8	6032	15615	2.57%	0.310%
54	16.599	2514	2521	2528	rBV9	7312	18083	2.98%	0.360%

Sum of corrected areas: 5029690

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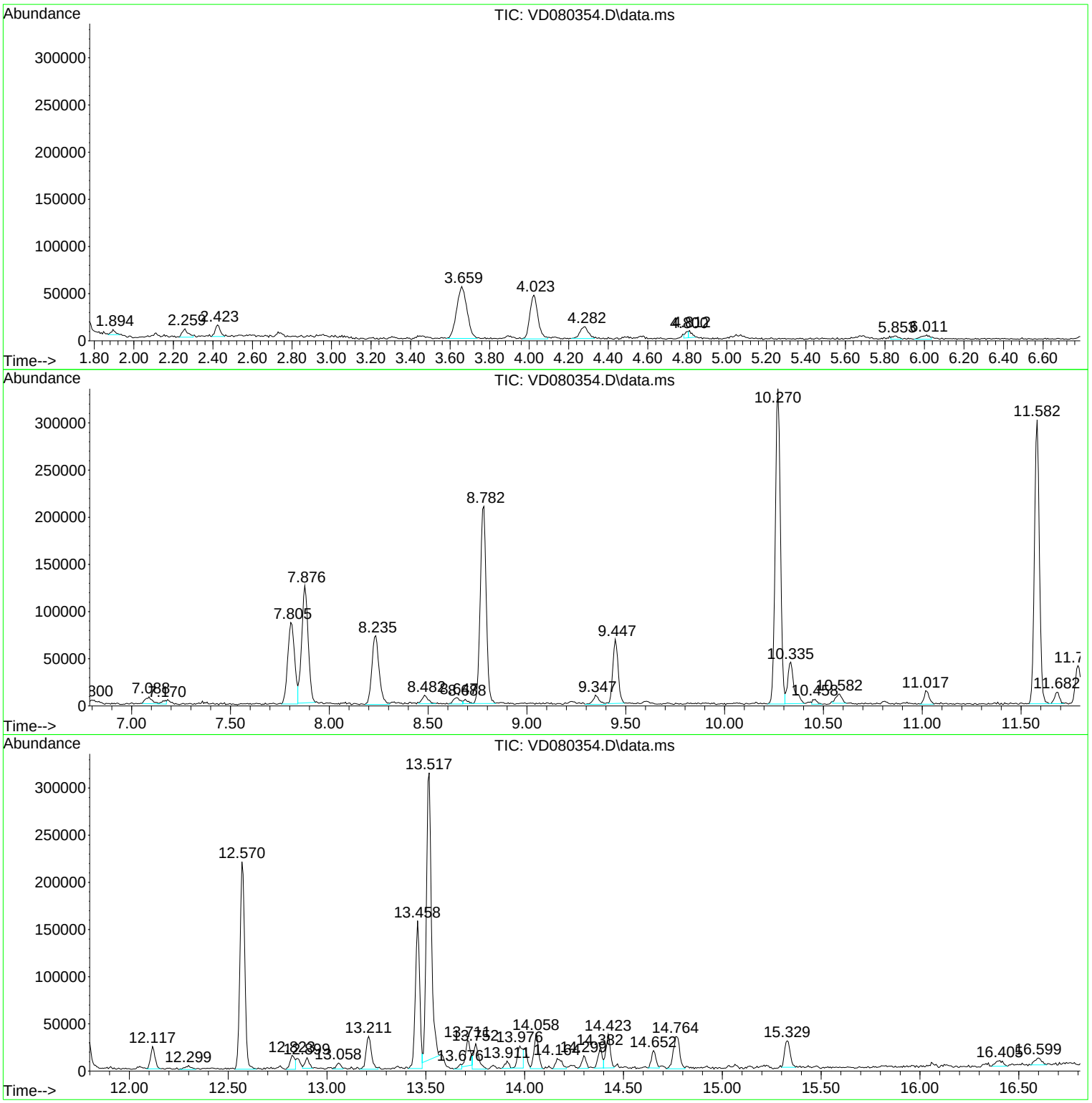
ClientSampleId :
MOO-25-0134

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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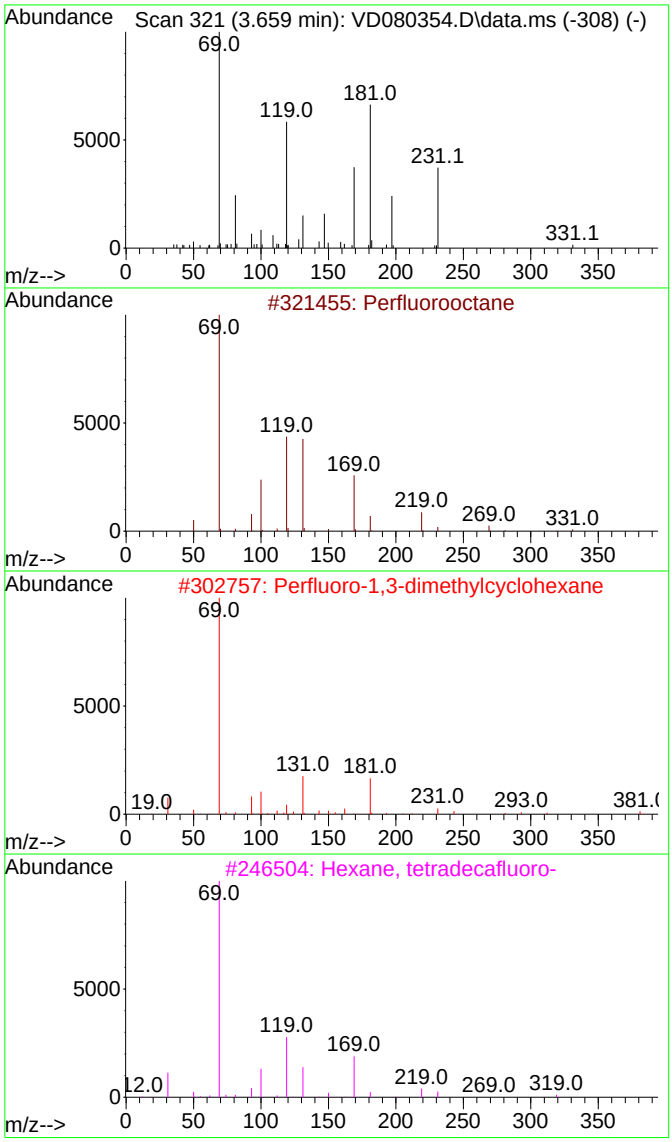
Quant Title : SW846 8260

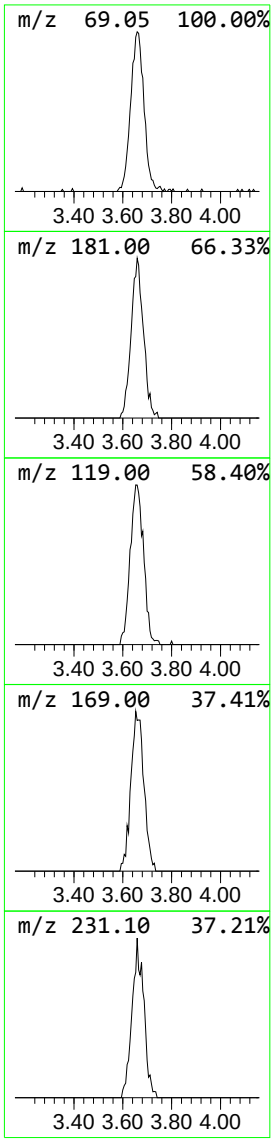
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown3.659 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.659	35.58 ug/l	200091	Pentafluorobenzene	7.876

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perfluorooctane	438	C8F18	000307-34-6	38
2	Perfluoro-1,3-dimethylcyclohexane	400	C8F16	000335-27-3	27
3	Hexane, tetradecafluoro-	338	C6F14	000355-42-0	23
4	Perfluoro(methylcyclohexane)	350	C7F14	000355-02-2	17
5	Perfluoro(2-methylpentane)	338	C6F14	000355-04-4	17





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Instrument :
MSVOA_D
ClientSampleId :
MOO-25-0134

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260

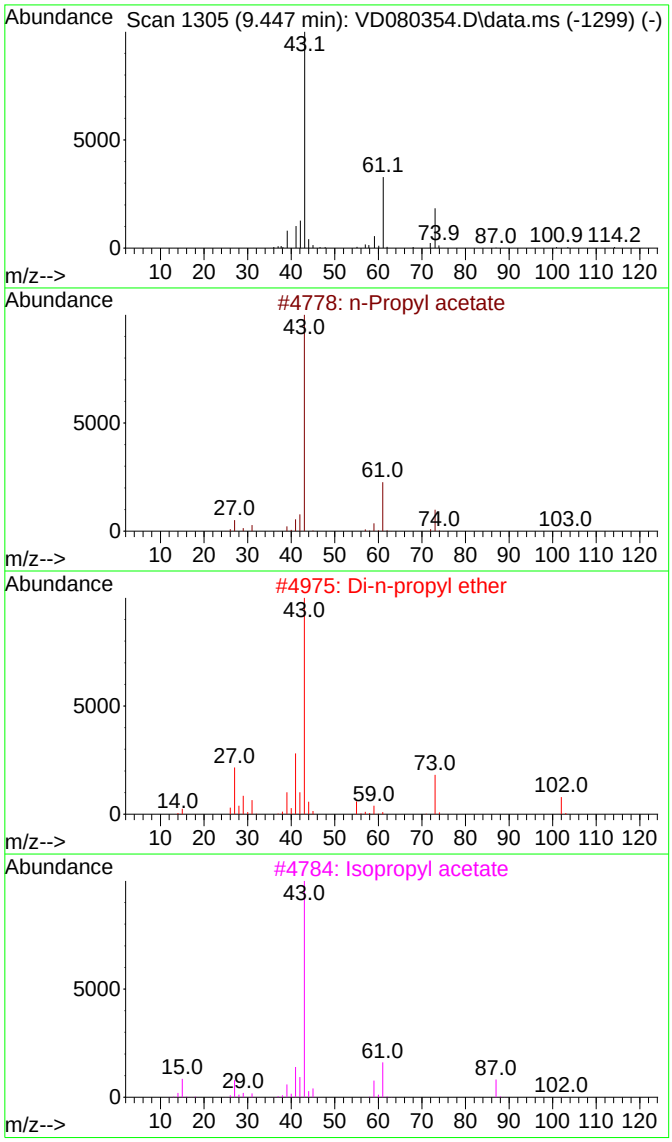
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

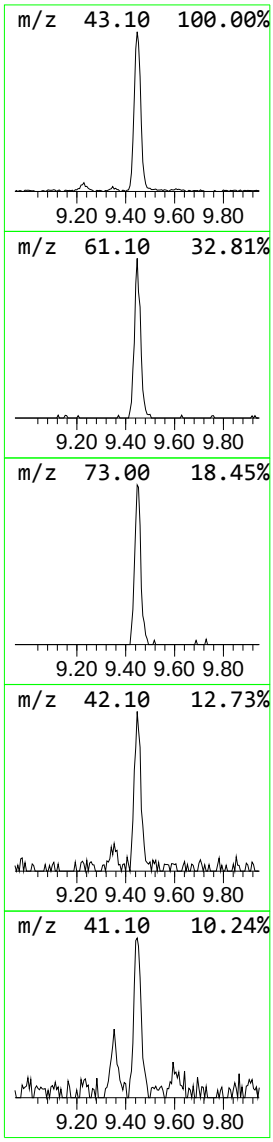
****

Peak Number 2 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.447	14.45 ug/l	126488	1,4-Difluorobenzene	8.782

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	Di-n-propyl ether	102	C6H14O	000111-43-3	37
3	Isopropyl acetate	102	C5H10O2	000108-21-4	28
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	25
5	Acetic acid, hydrazide	74	C2H6N2O	001068-57-1	17





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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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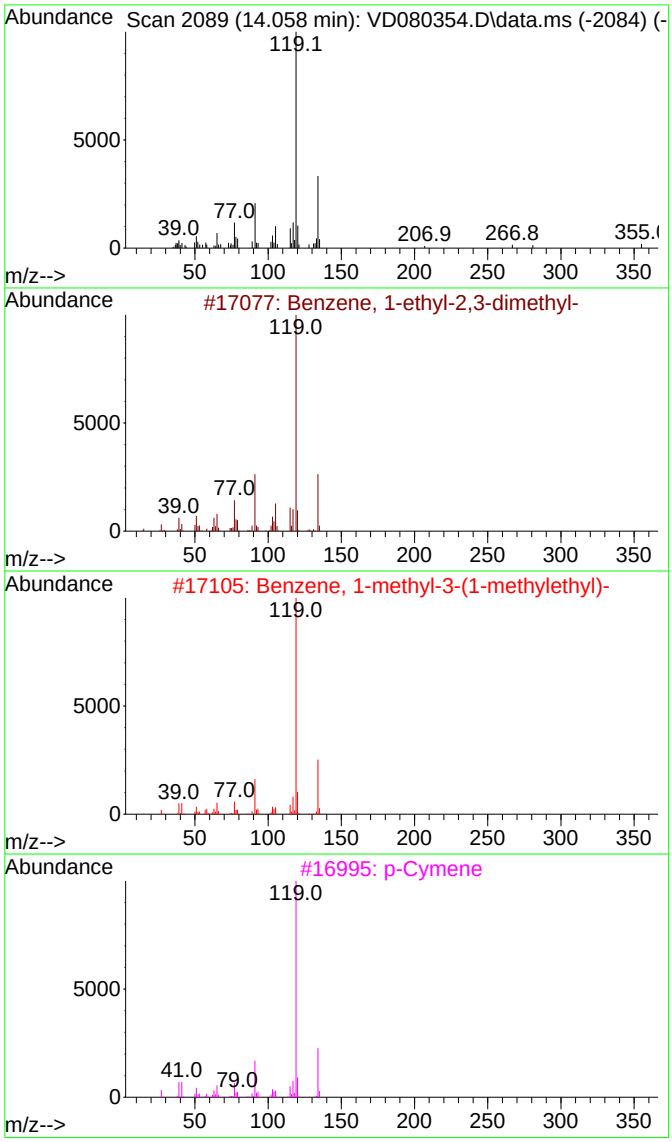
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260

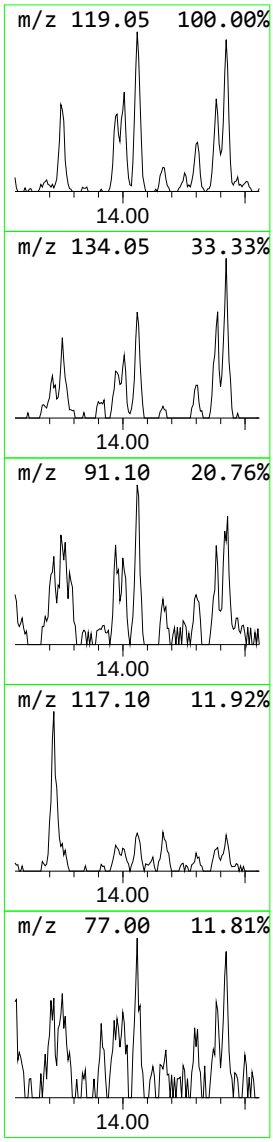
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.058	5.54 ug/l	59060	1,4-Dichlorobenzene-d4	13.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





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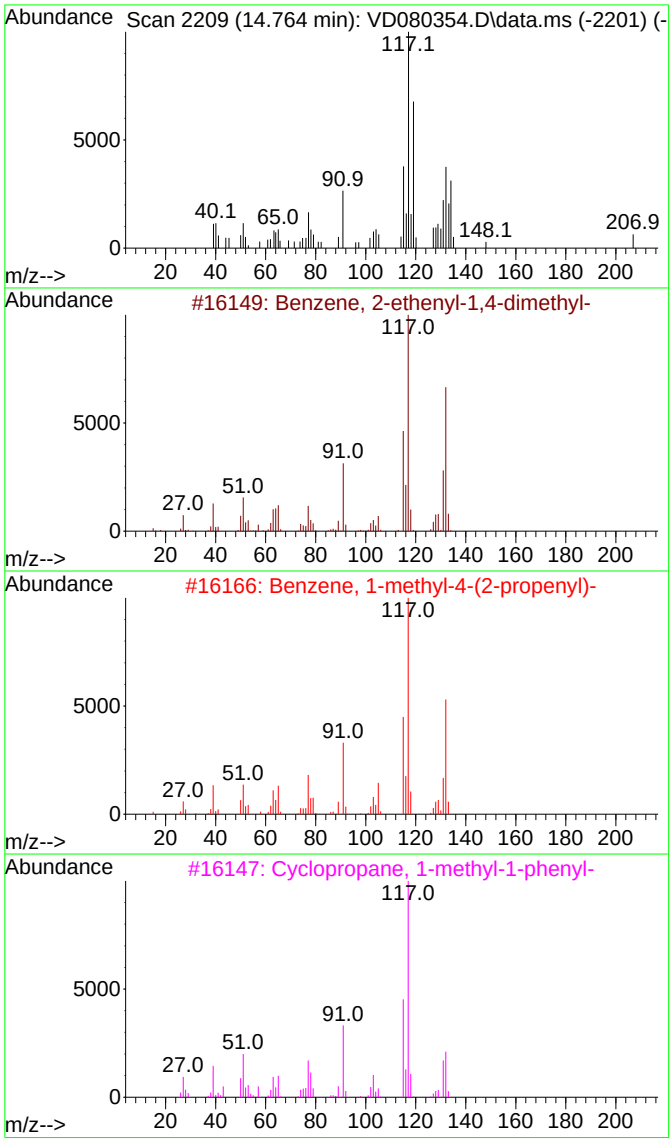
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260

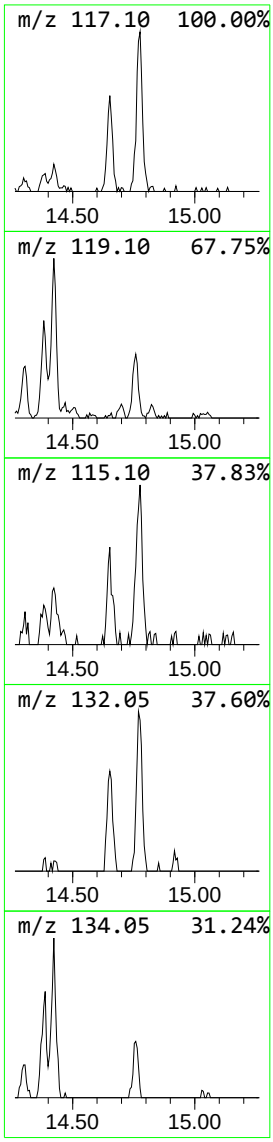
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.764	7.18 ug/l	76488	1,4-Dichlorobenzene-d4	13.517

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	55
3	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	55
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	53
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	50





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.659	3.659	35.6	ug/l	200091	1	7.876	281205	50.0
n-Propyl acetate	9.447	14.4	ug/l	126488	2	8.782	437557	50.0
Benzene, 1-ethy...	14.058	5.5	ug/l	59060	4	13.517	532714	50.0
Benzene, 2-ethe...	14.764	7.2	ug/l	76488	4	13.517	532714	50.0